Global Responsible Business

─ Well-being ─

The Fujitsu Group aims to enrich and continuously improve our positive health culture where our employees can work to their full potential, both in mind and body. We value the importance of our people, and will strive to enable them to succeed in their own personal development and growth.

Well-being

Well-being

Goal

WHAT FUJITSU ASPIRES TO BE

A state in which you can achieve the work and private life as you envision, and you have the discretion and decision-making power to achieve self-realization.

GOALS FOR FY2025

Each employee can understand and talk about their own Well-being
- Well-being
  - Sending Well-being Messages to Global for promotion understanding of Well-being
  - Development of Well-being Indicators
- Occupational Health & Safety (*1)
  - Zero occurrences of serious accidents

GOALS FOR FY2022
- Provide a work environment with opportunities to enrich and continuously improve our positivity, including health culture, enabling all of our people to thrive
  → Global average score for "Work-life Balance" and "Well-being (*2)" 71
- Provide opportunities where they achieve success in personal and professional development and can be completely themselves at work
  → Global average score for "Growth Opportunities" 70

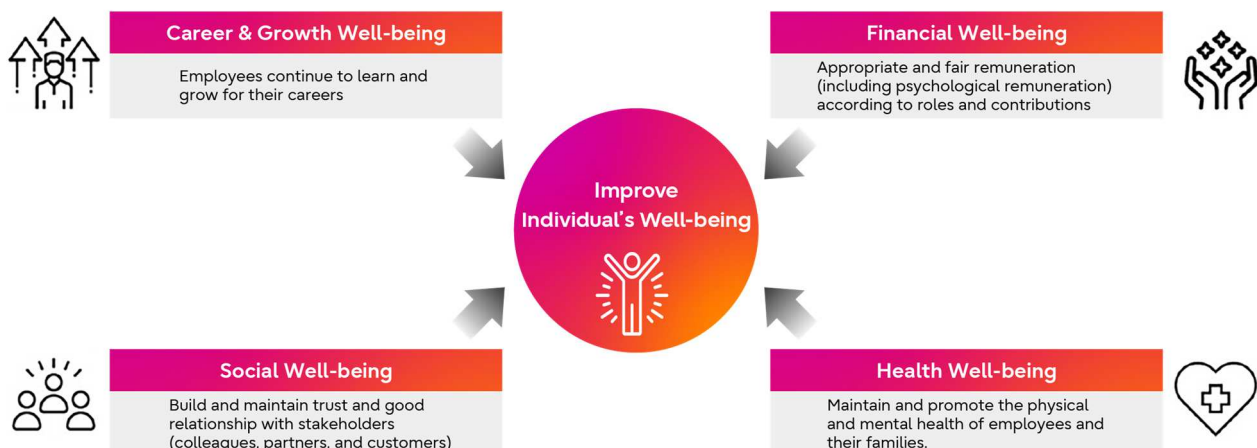*1 "Occupational Health and Safety" has been integrated into "Well-being" since FY2023.
*2 "Work Environment" has been changed to "Well-being" from FY2022.

Fujitsu Group believe our employees' Well-being is

Fujitsu Group believe "Well-being" which focuses on people, the source of our business activities, is one of the most important management issues. We believe our employees' Well-being is "a state which staff can realize their work and private life as they envision, and have the discretion and decision-making power to achieve self-realization." While "Happy" is a momentarily feeling, "Well-being" is more sustainable happiness.

Fujitsu Group has summarized the four key elements of Well-being that can be realized through work. Although each individual will prioritize a different category for their own Well-being because of each individuals' circumstances, we believe that we can approach the state of Well-being through work when these factors are met.
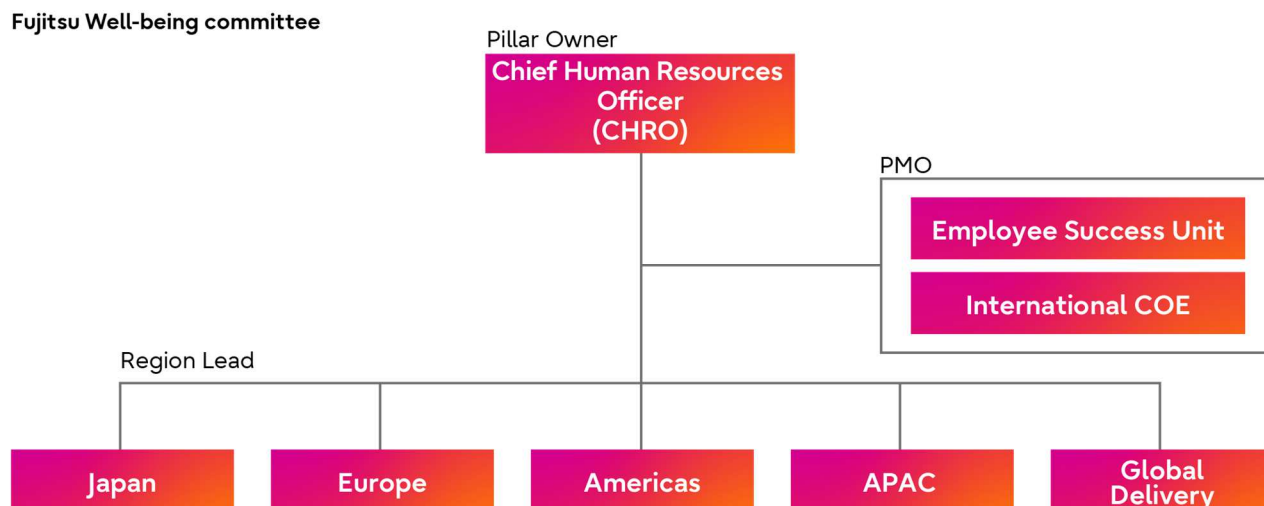
Four Key Elements of Well-being in Fujitsu Group

Career & Growth Well-being
Employees continue to learn and grow for their careers

Financial Well-being
Appropriate and fair remuneration (including psychological remuneration) according to roles and contributions

Improve Individual's Well-being

Social Well-being
Build and maintain trust and good relationship with stakeholders (colleagues, partners, and customers)

Health Well-being
Maintain and promote the physical and mental health of employees and their families.

* Our theme color of Well-being Activities is Magenta Orange. Magenta represents deep warmth and creativity, and Orange represents moving perpetually forwards.

Promotion system and review

Well-being activities are reviewed by the Sustainability Management Committee, which meets semiannually to confirm the progress of activities and achievement of targets, and to discuss new activities. The results are reported to the Management Committee. The Chief HR Officer (CHRO) is the pillar owner and the PMO (Employee Success Unit & International CoE) is responsible for planning and promotion. Regional leaders are appointed from each region to promote specific measures and activities in each region.
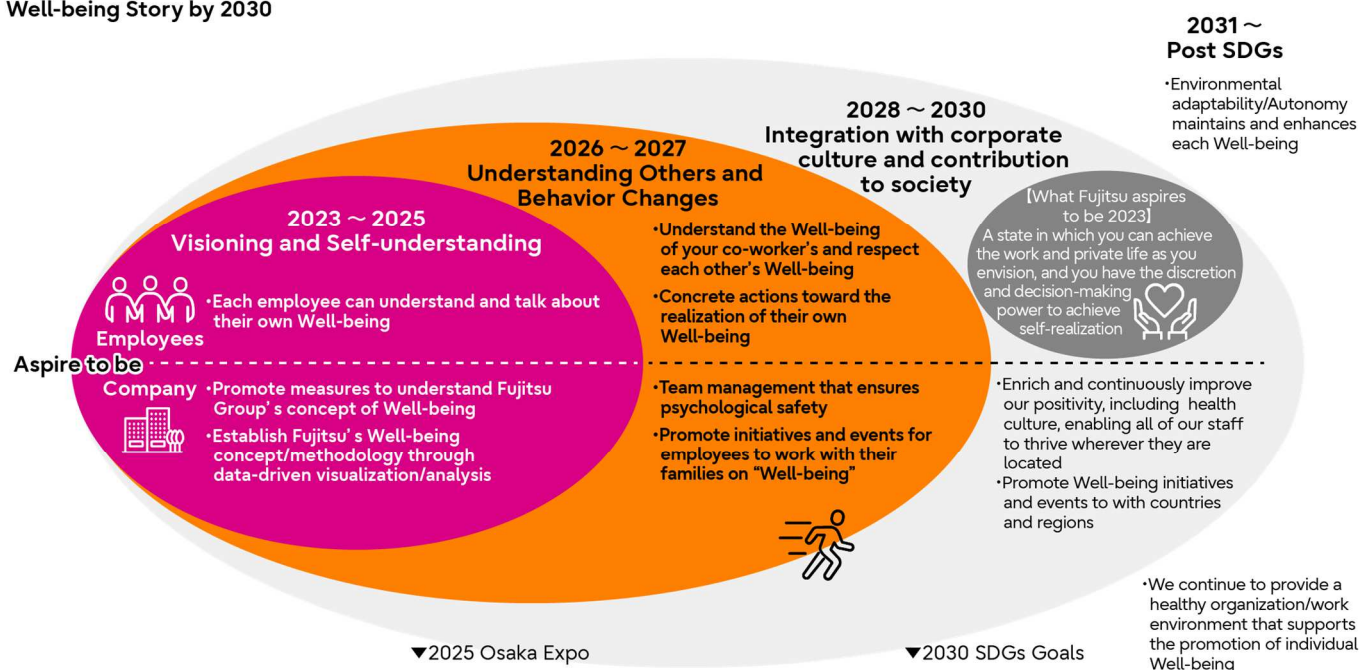
Fujitsu Well-being committee

Pillar Owner
Chief Human Resources Officer (CHRO)

PMO
Employee Success Unit
International COE

Region Lead
Japan · **Europe** · **Americas** · **APAC** · **Global Delivery**

Goals and Results

Stories to 2030 (Goals)

We believe the time when Well-being becomes a common sense of value for people, will come after 2030, in which SDGs goals are set. We envision a Well-being story in three steps to realize the plan as the ideal form for 2030. It is currently in the first stage consists of the aim that "each employee can understand and talk about their own Well-being" by 2025. We are promoting the development of "Promote understanding of Well-being" and "Data-driven visualization and analysis" toward achieving this goal.

Well-being Story by 2030

2031～ Post SDGs
·Environmental adaptability/Autonomy maintains and enhances each Well-being

2028 ～ 2030 Integration with corporate culture and contribution to society

2026 ～ 2027 Understanding Others and Behavior Changes

2023 ～ 2025 Visioning and Self-understanding

Employees
·Each employee can understand and talk about their own Well-being

Aspire to be

Company
·Promote measures to understand Fujitsu Group's concept of Well-being
·Establish Fujitsu's Well-being concept/methodology through data-driven visualization/analysis

·Understand the Well-being of your co-worker's and respect each other's Well-being
·Concrete actions toward the realization of their own Well-being

·Team management that ensures psychological safety
·Promote initiatives and events for employees to work with their families on "Well-being"

【What Fujitsu aspires to be 2023】 A state in which you can achieve the work and private life as you envision, and you have the discretion and decision-making power to achieve self-realization

·Enrich and continuously improve our positivity, including health culture, enabling all of our staff to thrive wherever they are located
·Promote Well-being initiatives and events to with countries and regions

·We continue to provide a healthy organization/work environment that supports the promotion of individual Well-being

▼2025 Osaka Expo   ▼2030 SDGs Goals

Major Initiatives in FY2022 (Results)

1. Promote understanding of Well-being

- Promote Well-being Message at Global News

    On January 30, 2023, CHRO sent a message to all global employees (approximately 120,000 employees) to promote understanding of Fujitsu's Well-being. The contents are "The definition of Well-being in Fujitsu Group" and "Our stance as a company for future improvement of our Well-being."

- Lecture by Mr. Yoshiki Ishikawa, Well-being for Planet Earth

    On February 22, 2023, Mr. Yoshiki Ishikawa of Well-being for Planet Earth gave a lecture, question-and-answer session, and a discussion session at Fujitsu Transformation Now with the aim of understanding the positioning of Well-being in the society (approximately 1,200 employees participated).

- International Day of Happiness

    On International Day of Happiness (March 20, 2023), CHRO sent a message to all Fujitsu Group employees around the world (approximately 120,000 employees), aiming to provide them with an opportunity to think their own Well-being. In Japan, we held a Thanks event in which employees could express their gratitude through an app (Target: approximately 30,000 employees in Fujitsu Ltd. / Number of thanks points during the event: approximately 12,000).

    As a member of the Well-being Initiative (*3), we also held joint events with 19 other companies, publicized information on our company's Well-being initiatives, and had an opportunity to communicate with other companies in walking events.

    *3 Well-being Initiative
    The initiative was launched in 2021 by Nikkei Inc. in cooperation with Well-being for Planet Earth, a public interest incorporated foundation, voluntary companies, experts, and organizations. The Fujitsu Group has participated since the first year.

2. Data-driven visualization and analysis

We conducted a Well-being Trial Survey (targeting approximately 2,500 employees) from February 27 to March 10, 2023, with the aim of developing indicators to quantitatively measure the actual feeling of Well-being. We plan to conduct trial surveys in 2Q for all employees in Japan (approximately 80,000 employees) and in 4Q for all employees worldwide (approximately 120,000 employees).

Activities in each category

- Career & Growth Well-being
- Financial Well-being
- Social Well-being
- Health Well-being
- Occupational Health and Safety

Career & Growth Wellbeing

Policy

We are working to expand growth opportunities for our employees, aiming to become a company that creates innovation in every corner of society by bringing together a diverse range of internal and external human resources with agility, in order to realize our company's purpose to make the world more sustainable by building trust in society through innovation. So that we can achieve a sustainable world, Fujitsu is focusing on creating an organization that brings together a diverse group of people with expertise and experience, leveraging the technology areas in which the company has always excelled. In addition, to support each employee's autonomous learning and growth rather than providing uniform training from the company, we offer a wide range of learning and career options based on common global policies. We support employees to become their desired selves by revising systems, promoting reskilling and upskilling in accordance with the transformation of our business portfolio, and provide an environment that enables each employee to act autonomously with a sense of fulfillment emphasizing improvements in employees' sense of job satisfaction and engagement.

To Achieve Career Ownership

From April 2022, we have introduced a new personnel system based on the concept of 'job-based human resource management' that encourages each employee to take on challenges and grow with in our domestic Group. In line with this, we are implementing measures focused on each individual to support employees in taking on challenges and growing based on their career ownership.

In order to realize our purpose, Fujitsu has shifted its relationship with employees to one that fosters autonomy and trust while realizing mutual growth, and it has completely revamped its human resources and personnel training system, which now focus on job-based human resources management that supports employees to tackle new challenges. The collection of programs that supports employee career ownership is now named FUJITSU Career Ownership Program (FCOP) to reflect the company's efforts to cultivate career ownership among all employees.

The program offers streamlined career development opportunities, including Understanding and Promotion of Career Ownership aimed at understanding one's own career phase through career ownership diagnosis and age-specific workshops, Career Interviews that provide one-on-one interview opportunities with a career counsellor or a supervisor, Learning Opportunities that allow employees to learn a multitude of content both relevant to and outside of work anytime anywhere through a learning platform, and Opportunities to Take Challenges that enables employees to apply for transfer or promotion to a position they aspire to within the Fujitsu Group through the global internal job posting system. Through these opportunities, FUJITSU aims to growth together with its employees while realizing its purpose based on an autonomous and trusting relationship between employees and the company serving as the foundation.
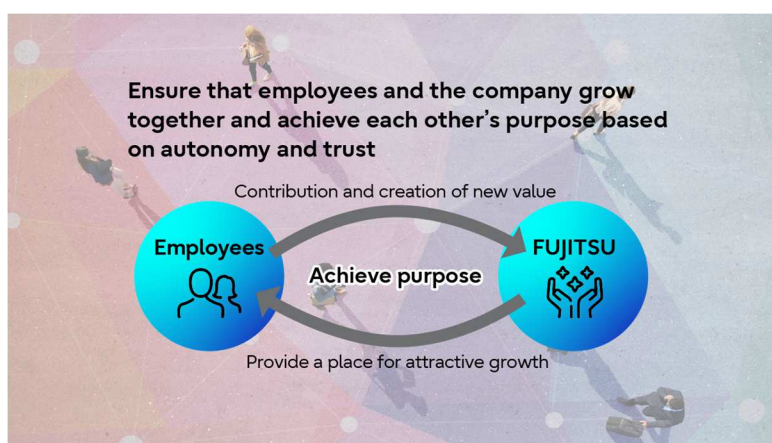
Relationship Between Employees and the Company

Framework for Supporting the Career Realization of Each and Every Employee

Initiatives Supporting Fujitsu Uvance

In order to advance Fujitsu Uvance, the business brand that we have set forth to realize a sustainable world, we need people with expertise and the ability to implement change that will enable us to face and solve the issues facing society and customers. Through various initiatives, we support the realization of Fujitsu Uvance and our purpose from a human resource perspective.

Fujitsu Innovation Circuit

The Fujitsu Innovation Circuit aims to enable us to become a company where anyone can take on challenges, where conversations about what has been learned from challenges and support for those taking on challenges are commonplace, and where intrapreneurs (internal entrepreneurs) are born to lead Fujitsu into the future and realize the world we aim to create with Uvance.

Under the full supervision of Yasuhiro Yamakawa, Associate Professor of Entrepreneurship at Babson College in the US, the Academy and Challenge stage, which began in November 2021, fosters intrapreneurs through learning and practice of entrepreneurship. By the third iteration, 571 people have participated and acquired the corporate know-how and mindset. Moreover, we established the Growth Program in July 2022 as a practical program that incubates high potential projects among business ideas derived from the Challenge Program. In FY2022, there were a total of seven projects promoted.

Global FDE

Global Fujitsu Distinguished Engineers (below, "Global FDEs") are the technological face of Fujitsu, spearheading solutions to our customers' business challenges by leveraging their superior technological capabilities. Recognized as the pinnacle of Fujitsu Group engineers by common global standards, they participate in the formulation of our business and technology strategies.

We have established the seven certification areas of networks, cybersecurity, AI, data, computing, hybrid IT and project management, which are the future key technology areas of our new business. As of FY2022, a total of 33 Global FDEs were certified.

Furthermore, we will position it as a benefit and career path for engineers who contribute to business strategy and customer value creation in conjunction with a job-based personnel system.

Reskilling

Fujitsu offers a reskilling program based on the skill level of individual employees in order to strengthen the workforce for expanding the Business Application business, which is one of the key focus areas for developing a technological foundation to address cross-industry challenges within Fujitsu Uvance.

One of the programs offered is the Global Strategic Partner Academy. This program is Fujitsu's strategic technology partner, which is implemented through collaboration between ServiceNow, Inc., SAP SE, and Microsoft Corporation, the world's top IT service providers. It has been rolled out globally as a universal program, allowing learners to acquire knowledge and skills of the three companies' services, as well as cutting edge digital technology and know-how. The aim of the program is to increase the number of personnel with highly specialized knowledge and know-how. Starting in December 2021, Fujitsu has been offering highly specialized IT services to its customers thanks to the 57 employees who have completed this program to date. We aim to invest in human resources over the long-term to achieve a sustainable society through technological innovation. At the same time, we aspire to create an environment where anyone can take on digital related job duties and work together with partner businesses and customers in maximizing the potential of digital technology. We will aid in addressing challenges faced by customers and society by strengthening global collaboration with human resources that excel in digital technology.

Initiatives Supporting Career Ownership

We are supporting the growth of our people by providing multiple options in career development and training to empower them to take actions towards reaching specific career goals.

FUJITSU Career Ownership Program (FCOP)

We offer the FUJITSU Career Ownership Program (FCOP) as a support program to help each Fujitsu employee take career ownership and realize their career goals. We host Career Café as a practical workshop centered on dialogue, providing participants of the same generation with the opportunity to share ideas with one another and receive new career inspiration. Employees can also use career ownership diagnosis as a tool to understand where they stand in terms of career ownership. The tool contains 16 simple questions that provide insight into an employee's current career ownership status and actionable tips. The accumulated statistical data serves as an important tool for visualizing and utilizing human capital data to better understand career autonomy and challenges faced by the organization.

Furthermore, we offer expanded career interviews with in-house career counselors to provide a third-party perspective for employees to thrive and actively participate at work in their own unique ways. In-house career counselors are staffed by managers with job experience. Over 1,000 employees have sought advice to help achieve their desired goals.

Purpose Carving

"Purpose Carving" is a program that encourages employees to verbalize their own purpose through dialogue with colleagues. At Fujitsu, we focus on the individual purposes of employees and in less than two years since the program's inception, we have carved out "My Purpose" among more than half of our employees, approximately 70,000 people. The program has become an engine that drives our digital transformation. As it shows a growing correlation with personal, organizational and corporate transformation, Fujitsu is also considering expanding the program as an organizational transformation service program available to external parties.

Promotion Structure

We are building a system to promote human resource development measures in a globally integrated manner in order to realize our purpose. The Engagement & Growth Division is in charge of human resource development in line with company-wide management policies, while the Human Resources Development division in each business unit is responsible for human resource development in line with divisional strategies and business needs, and clarifies human resources and skills to be strengthened and plans training measures. In October 2022, the Skill Ownership Office (SOO) was established as an organization dedicated to employees' skill development. The office consolidates the reskilling and upskilling opportunities across the company to promote human resources capable of leading Fujitsu's business globally, with the aim of achieving Fujitsu Uvance. In addition, we are promoting knowledge sharing on a global basis in cooperation with the human resource development departments in each region, and supporting all employees to learn and grow through a combination of region-specific and local measures.

The execution of highly specialized training and education is handled by Fujitsu Learning Media Limited, a Group company that provides human resource development services.

Main Initiatives of Each Region

Employee Support Workshop in Global Delivery

In 2022, a workshop targeting incumbent, new and future managers was launched in the second quarter in Global Delivery, which received positive feedback from participants. To date, a total of six training sessions led by global trainers have been held, with over 100 employees participating in each session. The training covered themes including advice on self-care for managers, staff management in stressful situations, improvement of empathy, unconscious bias, and principles of time management.

Workshop to Improve Work-Life Balance in Taiwan

Fujitsu Taiwan Limited (FTL) conducts an online workshop that supports employees, particularly women, to improve their communication skills aimed at achieving a balance between family, life and work. The goals of the workshop are to enhance employees' well-being and work-life balance, as well as to increase their work engagement. We believe that management of employees that harmonizes and integrates employees who each belong to a different community and affiliation will help empower employees and improve their well-being.

FY2022 Performance

- Average Annual Hours Spent Learning and Annual Cost of Learning Per Employee (Fujitsu and its domestic Group companies)

	Total Average
Average Annual Hours Spent Learning *Global overall	46.5 hours
Annual Cost of Learning *Global overall	75,400 yen

Financial Well-being

Performance Evaluation and Compensation

Reform Towards Position-based HR Management and Job (Responsibility)-Based Compensation

Fujitsu and the group companies in Japan are engaged in reforming their human resource systems as they work towards Position-based HR Management. In April 2020, we introduced job descriptions for manager positions that clearly outlined their jobs. This is now being extended to non-managers, starting in April 2022. This new system uses a globally unified standard to rate the magnitude and importance of the job, not the person, and the compensation reflects this rating. In April 2023, we lifted our average monthly wage in Japan by approximately 10%. To attract and retain diverse and talented employees, we are also reviewing our compensation levels to ensure they are competitive in terms of global corporate benchmarks. The goal of these measures is to encourage every one of our employees to be highly motivated as they rise to the challenge of value creation and to spur their growth as we address the constantly changing issues faced by our customers and by the wider community. In line with this, we are significantly extending our posting structure so that employees can gain entry into their desired jobs and positions based on their own career goals, rather than being promoted or transferred at the recommendation of their superiors. At the same time, we are also recruiting suitable candidates from outside the company, not just from within our own ranks, and adopting career promotions based on an approach of matching the right talent with the right job.

As well as having a quantitative perspective, such as sales numbers or the magnitude and importance of the job (responsibility), these jobs are also rated based on perspectives such as the reporting line, difficulty, impact, level of specialization and diversity. This is referred to as the "FUJITSU Level", and in this structure, the monthly salary is determined by the FUJITSU Level.

For FUJITSU Level 15 positions and below, bonuses are paid based on evaluations. For executive positions of VP and higher, an STI(*1)/LTI(*2) scheme is being introduced that is more closely tied to results. This scheme will also apply to executives both in Japan and overseas.
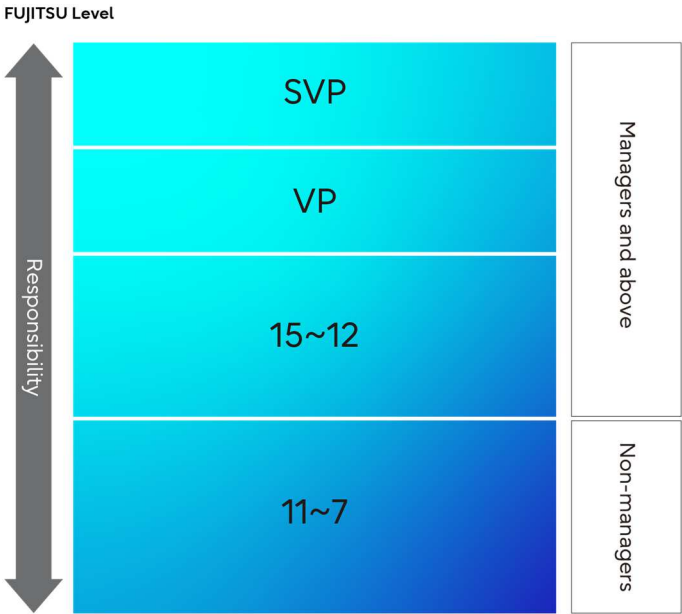
(*1)   Short Term Incentive: Remuneration set based on level of achievement of one-year performance targets, etc.
(*2)   Long Term Incentive: Remuneration set based on level of achievement of medium-to-long-term performance targets, etc.

Introduction of a Global Common Evaluation System

As part of our global common evaluation system, we introduced "Executive Performance Management" for executives in FUJITSU Level VP positions and above as well as the "Connect" system for all employees in FUJITSU Level 15 positions and below. These evaluation systems were introduced with the aim of spurring greater ambition among all our employees and promoting both organizational and personal growth. To achieve this, we began by drafting a "Organization's Vision" that depicts the future to be achieved by each organization as we strive to realize Fujitsu's purpose, bringing employees closer to that purpose and encouraging each of them to rise to the challenge. We also made this one of the criteria for assessing the extent to which we embody the "Our Values" in the Fujitsu Way, thereby helping change behaviors in line with achieving our purpose.

Our Executive Performance Management employs the "Balanced Scorecard" method, which involves evaluation from the perspective of "financial indicators", "key indicators" and "behavioral indicators". Rather than being based solely on financial indicators, evaluations are well balanced, using a framework of key indicators and behavioral indicators as well as initiatives related to materiality and non-financial indicators, such as employee engagement, customer NPS, and the percentage of women in leadership roles.

In the "Connect" system, employees are assessed on their "Impact", "Behaviours" and "Learning & Growth" relative to achieving each organization's vision and Fujitsu's purpose. (See figure at right.)

Feedback is provided through regular communication on a monthly or quarterly basis between managers and members, which maximizes behavioral change, growth and impact and also builds trusted relationships that help to improve acceptance of the evaluations. Evaluation results not only feed into bonuses, but are also used by the organization's personnel management to assign higher levels of responsibility and opportunities for growth to highly evaluated employees.
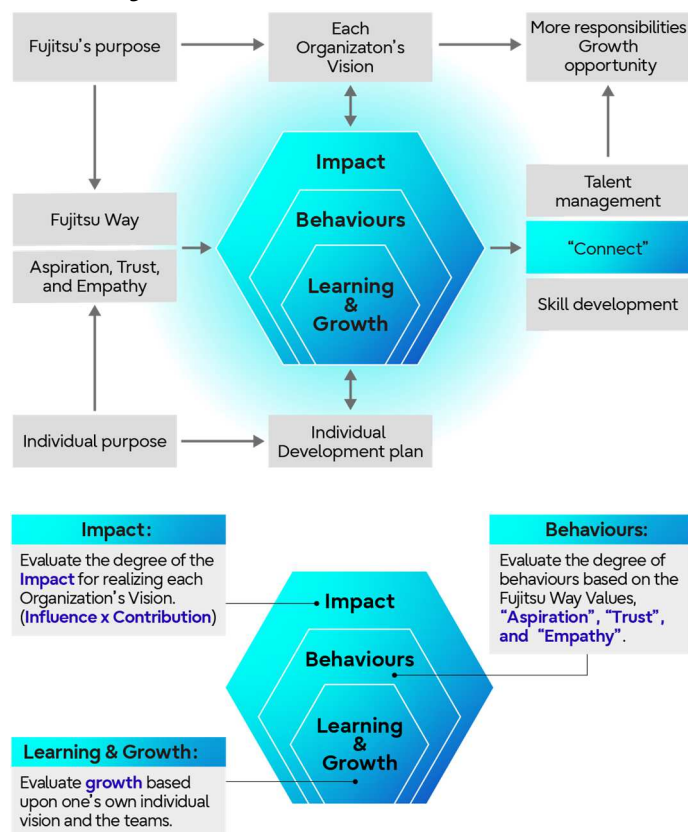
Employee Benefits Program

The Fujitsu Group has programs in place that are suited to the lifestyles of employees and their families and are designed to enable them to achieve a sense of well-being.

As part of the trend toward more diverse and flexible ways of working, and to allow employees to make their own choices, Fujitsu introduced the "F Life+" cafeteria plan(*3). In line with the belief that active work, challenges and personal growth for every employee will lead to growth and development for the company, we have established various incentives to provide medium- to long-term motivation. These include a defined contribution pension plan, an employee shareholding association, a property accumulation savings plan, and group insurance benefits. Additional programs implemented by Fujitsu provide support in the areas of housing, medical care, healthcare, and childcare and nursing.

(*3) Cafeteria plan: A system under which employees select the employee benefits they want or need from a diverse menu prepared by the company, taking advantage of the chosen options by using "employee benefits points" awarded by the company.

Key Initiatives in Regions Outside Japan

Financial Well-being Support in the UK

There are four ways Fujitsu supports financial well-being for employees in the UK.

- Financial education awareness sessions: Topics include pensions, debt and savings; extensive support is also provided to help with the acquisition of knowledge about financial matters
- An employee assistance program that offers independent one-to-one financial support
- Various financial benefits that support different life priorities and enable employees to select the options that are most suitable for them (such as insurance and healthcare)
- A range of discounts offered to employees

A 24/365 Accident Insurance Scheme in Germany

From Fujitsu's perspective, it is important that all employees have insurance cover 24 hours a day – not only during working hours.

We therefore implemented a universal accident insurance scheme for all Fujitsu employees working in Germany. Since August 2022, even for private accidents, all staff have enjoyed 24-hour, omnidirectional accident coverage.

Cherbourg Digital Service Centre in Australia

Working with the Cherbourg Aboriginal Shire Council and local community, the Queensland Government's Department of Tourism, Innovation and Sport and TAFE Queensland, Fujitsu Australia established the First Nations Service Centre to support digital innovation in the Cherbourg community. The service center (located in an aboriginal community in Wakka Wakka Country, 260 kilometers northwest of Brisbane) is part of a three-year pilot program designed to promote economic development in Queensland's indigenous communities through training in digital skills and by providing employment opportunities.

Social Well-being

Work Environment

Promoting New Ways of Working with 'Work Life Shift' Under the New Normal

Fujitsu is promoting Work Life Shift in these uncertain times to generate higher employee productivity than ever before, while ensuring that creativity and innovation continue to grow.

Work Life Shift is a concept that achieves employee Well-being by focusing not only on 'work', but by completely shifting the 'job' and the 'lifestyle'.

We are implementing various initiatives, both in terms of personnel systems and workplace environment changes, that will allow us to create and deliver value for our customers regardless of location or time and that will enable the ongoing transformation of Fujitsu itself.

The Work Life Shift offering consists of three key categories: Smart Working, Borderless Office, and Culture Change.

Smart Working

Approximately 80,000 employees of Fujitsu Group companies in Japan work principally on a teleworking basis (excluding those in manufacturing facilities and those assigned to customer sites). Our employees enjoy an optimal work style that allows them to choose flexible working hours and a work location that suit the characteristics and objectives of their work tasks as well as their lifestyle.

Borderless Office

Freed from the constraints of working in a traditional fixed workplace, employees can select a location that ideally matches the required task – be it their home, a hub office, a satellite office, or other appropriate workspace.

Culture Change

People management founded on high levels of employee autonomy and trust will generate maximized team performance and enhanced productivity.

Announcing Work Life Shift 2.0 -- DX Company Work Styles that Cater to Everyone's Well-being

In October 2021, Fujitsu announced Work Life Shift 2.0 as a way to achieve a true hybrid work style that includes the effective use of real communication in the office and also aims to provide workers a more fulfilled life. The new version puts in place more advanced measures that reflect both employee feedback and issues that arose when the original Work Life Shift was implemented.

1. Practical Hybrid Work and the Evolution to "Experience Place"

As we look towards a post-COVID future, the office is evolving from the work place of the past to an "experience place" that offers experiences only available at the office. New ways of using the office provide greater collaboration through real communication as we transition to a true hybrid work style that combines the real with the virtual.

2. Evolution of Work Styles for a DX Corporation

At Fujitsu, we are making the value of the various experiences gained from putting hybrid work into practice visible as data as we move towards a work style that boosts productivity while allowing for greater creativity. We are also further stepping up our collaborations with other corporations and local governments who support

the Work Life Shift concept and contributing to the resolution of problems for our customers and the community more broadly.

3. Enabling Work-Life Synergies

By leveraging flexible work styles to make workers' home lives more fulfilling, we are generating synergies and promoting new value creation, as well as achieving greater engagement and improving the wellbeing of all our employees.

Fujitsu Telework System

In April 2017, Fujitsu formally introduced a telework system that allows for flexible ways of working that are not tied to a specific location. This system is available to all 35,000 Fujitsu parent company employees in Japan and includes working from home or a satellite office as well as working during business trips.

The telework system facilitates business continuity in emergency situations such as the spread of infectious diseases and during natural disasters, providing for work innovations such as holding online meetings and digitizing written materials. It also provides an environment that makes it easier for employees with other commitments, such as raising children or caring for relatives, to continue working, helping Fujitsu to support and retain valuable personnel.

Goals of the System

- To boost individual productivity and maximize the benefits of team work
- To build an environment that supports continued participation by a diverse range of staff
- To ensure business continuity and rapid responses to disasters

Initiatives Aimed at Reducing Long Working Hours

The Fujitsu Group aims to improve the work-life balance and the productivity of every employee through a variety of initiatives aimed at reducing long working hours. By promoting Work Life Shift, we are also enhancing our systems that support diverse modes of employment based on tele-working, allowing employees to make use of flexible working arrangements, such as flex time and exempt labor systems.

Examples of specific initiatives aimed at reducing long working hours:

- Adopting flex time that is not tied to a core time and exempt labor systems for professional and management-related work
- Sending alert e-mails regarding overtime work
- Specifying recommended days for taking annual leave
- Emphasizing the concept of working hours management during management training
- Adjusting work patterns and leisure patterns according to fluctuations in workload

Support of a Healthy Work-Life Balance

Fujitsu and its domestic Group companies aim to generate new forms of value through Work-Life Synergies. We support each employee's efforts to enrich their career with initiatives in areas such as childcare and nursing care.

1. Childcare
- Childbirth/childcare support leave (spouse or partner is entitled to 20 days of leave within 8 weeks before or after birth)
- Use of annual leave is permitted during childcare leave
- Child illness/injury leave (up to March 31 in Year 6 of elementary school)
- Childcare reduced working hours system (up to March 31 in Year 6 of elementary school; can reduce by a maximum of 2 hours per day)
- Establishment of corporate childcare centers

- Subsidies for babysitting service expenses

2. Nursing care

- Leave for nursing care and preparing for nursing care
- Nursing care reduced working hours system
- Remote work
- Establishment of a contact point for advice

VOICE Program

The Fujitsu Group launched the VOICE Program in October 2020, as a project to "not only listen indirectly to customers' 'voices', but also listen more directly and more often" as well as to "directly link the opinions of the Fujitsu Group's 130,000 employees to management". The concept of VOICE is symbolized by the slogan "change one's voice into a force and create a wind of change". This is an activity that aims to heighten corporate competitiveness by collecting the 'voices' of customers and employees and – by using them to speed up decision-making in business activities – thereby change behavior, raise awareness, and generate encounters.

As part of efforts to enhance the workplace environment, we periodically conduct surveys related to Work Life Shift and the results are reflected in a range of measures that leverage the VOICE program, such as business process reforms and the review of systems and operations. This leads to improvements in employee experience and employee engagement.

Measures to Enhance Communication

Labor Relations

Fujitsu has a union shop agreement with the Fujitsu Labor Union, Based on the union agreement, we hold discussions about various employment conditions and explains management policies and business conditions, along with business reorganization and other matters, to its employees through regular and ad hoc meetings such as the Labor Council or Productivity Council. These agreements also stipulate the collective bargaining rights of the union.

In Europe, the Fujitsu European Labor Relations Council Annual General Meeting has taken place every year since 2000, with the overall financial conditions of the Fujitsu Group and other issues shared with the employee representatives from Fujitsu Group companies.

Fujitsu has established a consultation service as a contact point for email and phone queries to the Human Resources and Administration Units. This is part of a structure that is designed to make it easy for employees to seek guidance on human resource and administrative programs.

In-house Social Media Network

The Fujitsu Group uses an in-house social media network to strengthen the ties between people all round the world, enabling diverse and talented employees to engage in communication that goes beyond the organization. As communities become more diverse, this network offers spontaneous forms of communication for employees that go beyond mere interchanges within the organization, encouraging new business plans, secondary jobs and workations, and allowing exchanges of information on careers in the life sphere, such as child-raising and caring.

It is also used by employees to discuss opinions and aspirations circulating in the community, such as staff management policies and the environment.

Key Initiatives in Regions Outside Japan

Technology Support in Rural Thailand

Fujitsu (Thailand) Co., Ltd. offers technical training in Thailand's rural areas and also supports access to future employment opportunities. For example, as part of our efforts to boost the availability of personal computers, we donated computers, educational tools, and meals to schoolchildren in Phetchaburi Province. As the issue of digital inclusion becomes increasingly important, Fujitsu wants to help reduce gaps in learning opportunities and thereby create a more inclusive digital society on a global level.

Mindfulness Lab in the Americas

The Mindfulness Lab has been launched in Americas Region, in response to requests from participants, and features mindfulness webinars hosted by the Americas Responsible Business Wellbeing Lead. The 30-minute, biweekly Mindfulness Lab sessions include exercises that support calmness, focus, and connection. Guided by the Lead, who is a certified Mastermind Mindfulness Facilitator, the sessions incorporate a mindfulness topic, a relevant practice, and time for discussion.

Moving your Wellbeing Dial in Australia and New Zealand

Fujitsu invited Dr. Sarb Johal to present a session to employees in Australia and New Zealand. Active in many disciplines, the psychologist is also a broadcaster and best-selling author of books such as "Finding Calm: Managing Fear and Anxiety in an Uncertain World". During the session, Dr. Johal encouraged participants to think about and acknowledge recent global and regional challenges and he explored tools and practical tips to move our well-being initiatives in a more positive direction.

FY2022 Performance

Initiatives Aimed at Reducing Long Working Hours

The discretionary working system applies to 17% of employees, and the flex time system applies to 78% of employees (Fujitsu Limited)
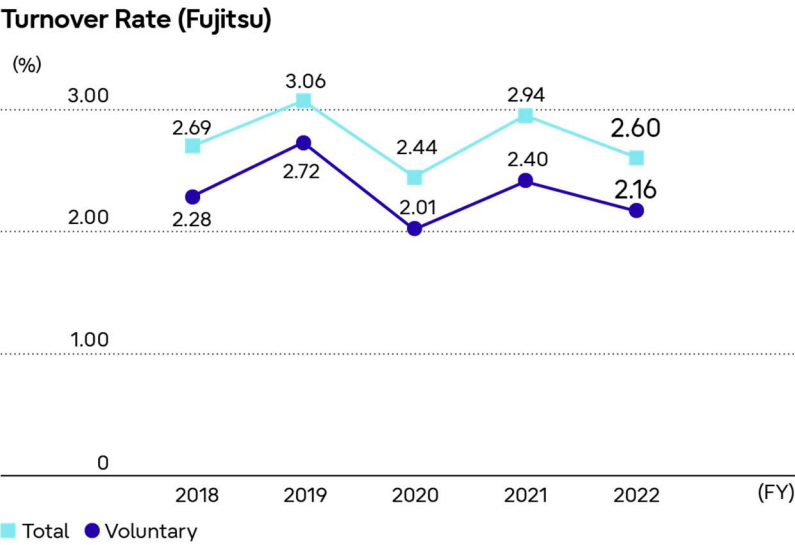
Telework Rate

The telework rate is around 75%.

Unionization Rate

The unionization rate is 75.4% (Fujitsu Limited)

　　* Calculation basis includes managers and non-regular employees who are not union members

Turnover Rate (Fujitsu)

(%)

	2018	2019	2020	2021	2022
Total	2.69	3.06	2.44	2.94	2.60
Voluntary	2.28	2.72	2.01	2.40	2.16

(FY)

■ Total ● Voluntary

Health Well-being

Our Health Management Policy

As a technology company, Fujitsu recognizes that human resources are its most important capital. To achieve our purposes, we have therefore set "protecting the physical and mental health of our employees and creating an environment where all employees can work positively and healthily, both in mind and body" as a key sustainability issue to be shared globally, which we are promoting in tandem with our health and safety activities as the "Health Well-being" initiatives of a Global Responsible Business (GRB).

In Japan, we have announced the Fujitsu Group Health Statement and are promoting GRB Health Well-being activities as health management initiatives. We believe that our efforts to maintain and boost the health of employees and their families and to improve the work environment will lead to higher productivity, invigorate individuals and organizations and enhance human resource retention, and that aiming to create a work environment where each employee can work positively and healthily both in mind and body will help us to fulfill our purposes. Moreover, the results obtained through Fujitsu's health management initiatives will be broadly publicized to society, and through the provision of ICT we will contribute to resolving social issues.

> Fujitsu Group Health Statement and Key Measures

**Positioning of Health Management**
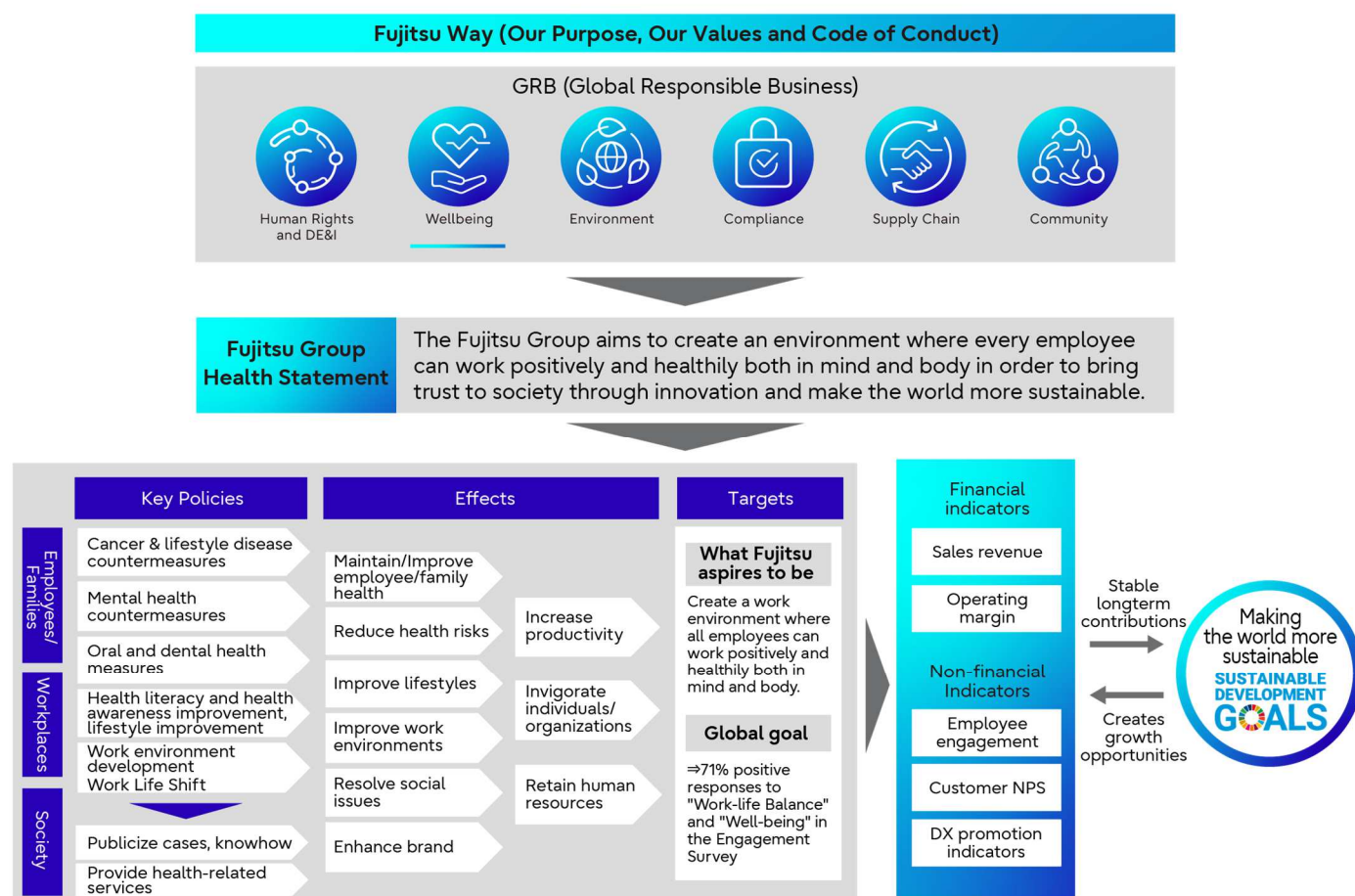
Domestic Structure for Promoting Health Management and Conducting Reviews

All regions and Group companies participate in GRB Health Well-being activities in accordance with their local laws and circumstances. At the Sustainability Management Committee that meets every six months, committee members check the progress of activities and the achievement status of targets, deliberate on new activities and report the results to the management council and the Board of Directors.

In Japan, health management is led by the Chief Health Officer (CHO). The CHO heads the Health Management Office, which consists of the Employee Success Unit, the Health Promotion Unit and the Fujitsu Health Insurance Society. The Health Management Office holds regular meetings twice a month to analyze health-related data and issues, set targets and indicators, draw up plans, carry out measures and manage, evaluate and improve progress. The results are regularly reported to the CHO. The Health Management Office plays a central role in the implementation of measures, working together with the Health and Safety Committees in offices and Group companies, occupational health physicians and industrial health and safety staff to urge organizations (division heads, managers, Work Environment Improvement Support Staff) and individuals (employees and their families) to action.

Two meetings have been established to promote health management initiatives: the Central Health and Safety Committee and the Health Management Cooperation Council. The Central Health and Safety Committee reflects the opinions of employees by discussing issues and sharing information with the representatives of labor unions and the representatives from offices and divisions. At the Health Management Cooperation Council, the Health Management Office and corporate, research and business divisions share information in both directions about Fujitsu's health management initiatives and about health management-related business initiatives being carried out by research and business divisions. They encourage the adoption of health management in business while promoting the application of ICT (such as in demonstration experiments).

Health Well-being Promotion System
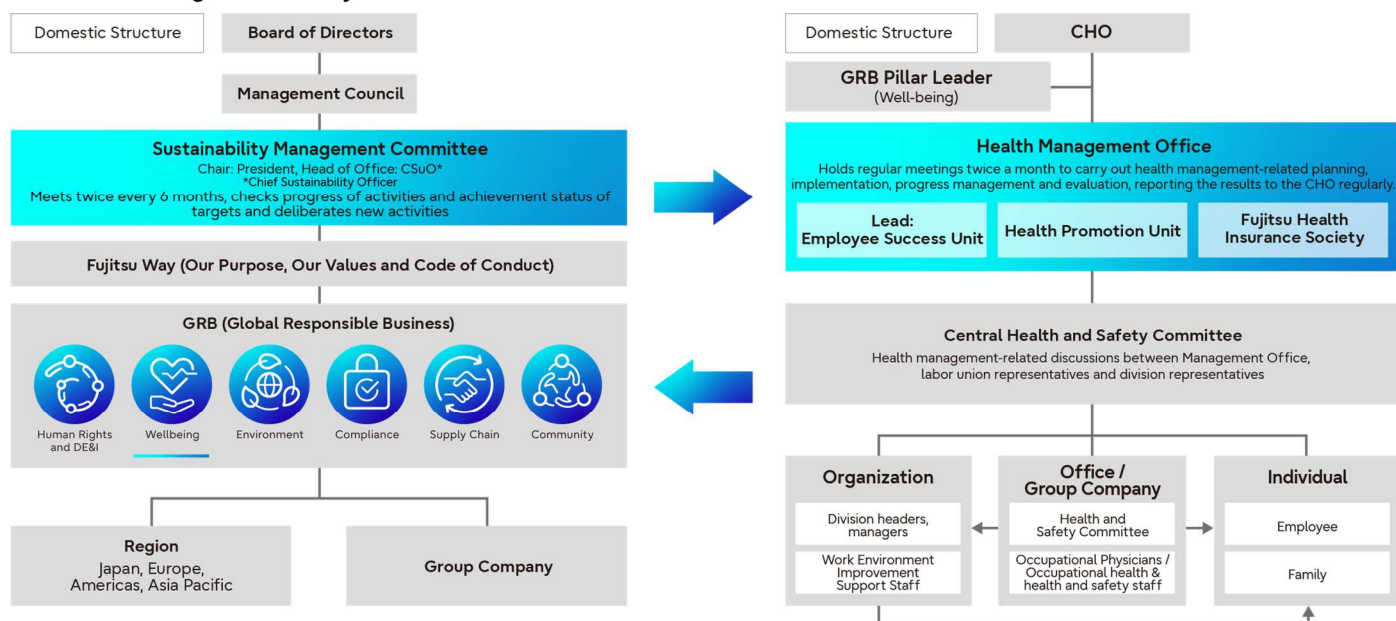
Allocation of occupational health staff in Japan

	Health Promotion Unit		
	Full-time	Part-time	Total
Occupational health physician	17	98	115
Clinician, etc.	1	35	36
Public health nurse	87	24	111
Nurse	17	15	32
Psychologist	6	0	6
Other healthcare professionals	1	1	2
Administrative staff	41	5	46
Total	170	178	348
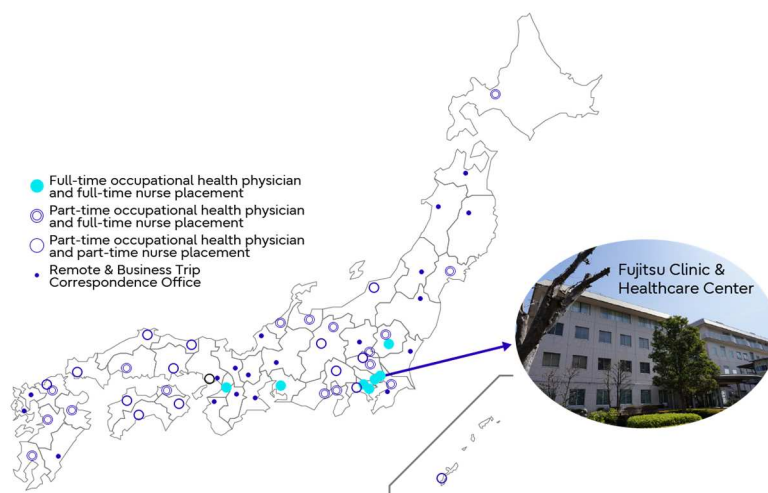
Targets and Results

Health Well-being initiatives are linked to Career & Growth Well-being, Financial Well-being and Social Well-being initiatives with the goal of creating an environment where all employees can work positively and healthily while also enabling employees to develop personally, and offering opportunities for them to demonstrate those abilities to the fullest extent. To that end, our goal for 2022 is to have an average score of 71 globally for "work-life balance" and "work environment" in the Engagement Survey, which we are working to achieve in all regions and Group companies.

In Japan, under our aim of creating an environment where all employees can work positively and healthily, we set five indicators about improving productivity, invigorating individuals and organizations, and enhancing human resource retention to serve as final health-related evaluation indicators. To improve and reinforce each indicator, we created a health management strategy map. We are tackling the areas representing the five priority measures on the map, namely

1. Cancer & lifestyle disease countermeasures
2. Mental health countermeasures
3. Oral and dental health measures
4. Health literacy and health awareness improvement, lifestyle improvement, and
5. Work environment development, while performing the PDCA cycle.

Final target indicator		FY2020	FY2021	FY2022
Improve productivity	Improve absenteeism (*1)	0.84%	1.32%	1.24%
	Improve presenteeism (*2)	—	1.27%	1.34%

Invigorate individuals & organizations	Improve work engagement (*3)	2.48	2.41	2.47
	Improve overall health risks	99	99	96
Enhance human resource retention	Improve job turnover	2.44%	2.94%	2.60%
(Reference indicators)	Medical expenses per person Out of which insured persons	296,521 yen 188,265 yen	317,483 yen 200,056 yen	339,472 yen 215,860 yen

*1 Absenteeism: (number of days of absence or days off taken due to illness or external injury /total number of prescribed working days for full-time workers) × 100

*2 Presenteeism: the loss percentage for a year calculated from the number of days in the past three months where the employee attended work but was unable to perform up to their usual standard due to an illness or symptom as stated in a survey, and from an investigation of the resulting loss percentage (no data for FY2020 due to a change in calculation methods from FY2021 onwards)

*3 Work engagement: the average score of answers to "I feel energized when I work" and "I feel proud of my work" in the New Work Stress Simple Survey.

Health Management Strategy Map
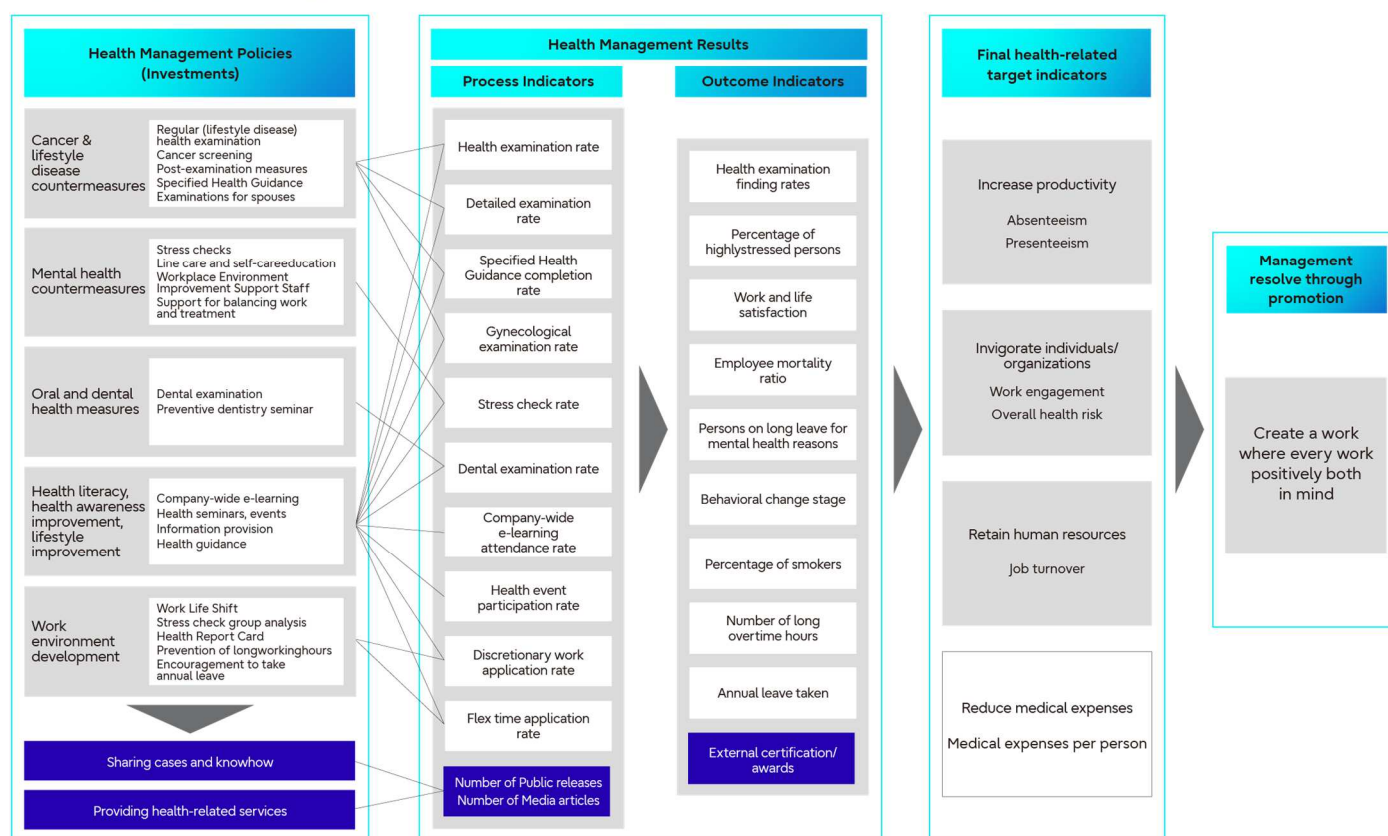
Health Management Results_Process Indicators

Priority Measures	Indicators	FY2020 Results	FY2021 Results	FY2022 Results	FY2023 Targets
Cancer & lifestyle disease countermeasures	Regular (lifestyle disease) health examination rate	99.9%	100%	100%	100%
	Detailed examination rate after regular health examination	78.8%	88.8%	89.6%	90.0%
	Specified Health Guidance completion rate (*4)(*5)	38.5%	32.8%	33.5%	55.0%
	Cancer screening (breast cancer, cervical cancer) rate (*4)	56.8%	59.0%	63.6%	63.0%

Mental health countermeasures	Stress check rate	84.4%	85.7%	92.8%	94.0%
Oral and dental health measures	Dental examination rate (*4)	38.4%	37.4%	39.9%	52.0%
Health literacy Health awareness improvement	Company-wide e-learning attendance rate	89.2%	(*10)	92.9%	100%
	Health event (walking event) participation rate (*4)	22.8%	30.4%	33.5%	35.0%
Work environment development	Discretionary work application rate	18.0%	16.0%	17.0%	—
	Flex time application rate	77.0%	79.0%	78.0%	—

Health Management Results_Outcome Indicators

Indicators		FY2020 Results	FY2021 Results	FY2022 Results	FY2023 Targets
Status of employee mortality	Employee mortality ratio (for a population of 100,000)	103.0 persons	98.5 persons	50.7 persons	—
	Standardized mortality ratio (SMR) (*6)	64. 4	55.3	28.4	—
Lost working days due to illness	Percentage of absentees/persons on leave for mental health reasons (*7)	1.63%	2.09%	2.22%	1.50%
	Percentage of absentees/persons on leave for other illnesses (*8)	0.39%	0.38%	0.23%	0.30%
Health examination results	Percentage of overweight persons (*4)	19.4%	19.9%	22.9%	12.9%
	Percentage of high-risk persons (*4)(*10)	1.3%	1.5%	1.5%	0.6%
Stress check results	Work and lifestyle satisfaction	21.2%	22.7%	24.1%	25.0%
	Percentage of highly-stressed persons	10.0%	9.9%	10.0%	8.0%
Lifestyle and health behavior status	Smoking rate	18.5%	16.5%	16.3%	20.0%
	Behavioral change stage (health behavior implementation rate)	43.6%	43.8%	45.4%	55.0%
Status of working hours	Average overtime	23.4 hours	22.0 hours	21.0 hours	—
	Rate of taking paid annual leave	65.4%	69.4%	74.8%	—

*4 Indicators apply to individuals covered by Fujitsu Health Insurance Society. All others are employees of Fujitsu Limited.
*5 Percentage of targets for specified health guidance based on the results of the previous year's health examinations who received specified health guidance by October of the current year.
*6 Standardized Mortality Ratio (SMR): The number of mortalities compared to the number of mortalities in Japan as a whole, indexed based on 100.
*7 Ratio of employees who took absences or leave for one month or more for mental health reasons, divided by the number of employees at the end of the fiscal year.
*8 Ratio of employees who took absences or leave for one month or more for reasons other than mental health, divided by the number of employees at the end of the fiscal year.
*9 Ratio of persons determined to be at high risk for hypertension, diabetes or CKD (chronic kidney disease) based on health examination data.
*10 Company-wide e-learning was suspended in FY2021 to implement workplace vaccination of the COVID-19 vaccine.

› Other Health examination result | Lifestyle habits

Health Management Investment

In accordance with the health management strategy, the cost of initiatives aimed at maintaining and improving the health of employees is 1,452 million yen. This amount not only covers external expenditures such as costs of medical examinations but also includes the cost of personnel for the Health Promotion Unit, which is the organization that implements various health measures, equipment-related costs, and indirect costs.

Cost category

	Expense item	Amount (million yen)
A	Outsourcing cost	491
B	Personnel cost	809
C	Equipment-related cost	80
D	Indirect cost	72
Total		1,452

Expenses of main measures

- Cost of medical examinations   472 million yen
- Cost of stress check   9 million yen
- Cost of e-learning   7 million yen
- Cost of company-wide seminar   1 million yen

Indicator verification examples

The relation between Work Life Shift working styles, stress and health risks

According to stress checks, the overall health risk was 99 in FY2021 and 96 in FY2022, showing a trend toward improvement.

An analysis of teleworking rates, highly-stressed persons and health risks shows that the number of highly-stressed persons decreases as the rate of teleworking increases. However there is a U-shaped relationship between overall health risks and teleworking rates. Workload control risks and workplace support risks both increase for the group with low teleworking rates. Workload control risks decrease as the rate of teleworking increases, but when the teleworking rate exceeds 90%, workplace support risk increases. (Graph 1)

An analysis of long overtime hours, highly-stressed persons and health risks shows that workload control risks and overall health risks increase with longer overtime hours. (Graph 2)

The results of this analysis show that stress and health risks can be reduced by creating a hybrid work system by combining the flexible use of time and locations based on work contents and purpose and lifestyles that teleworking offers with the effective use of real-life communication at the office, and by coupling the hybrid work system with a reduction in overtime hours through the proactive application of flexible work structures such as flextime and discretionary systems. Thus we will further promote Work Life Shift as a new working style that allows employees to display even higher productivity and continue to innovate.

Graph 1. Analysis of Teleworking Rates and Highly-stressed Persons and Health Risks
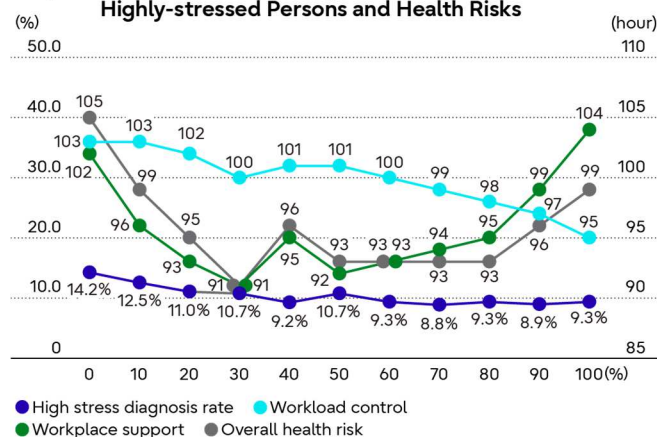
Graph 2. Analysis of Long Overtime Hours, Highly-stressed Persons and Health Risks
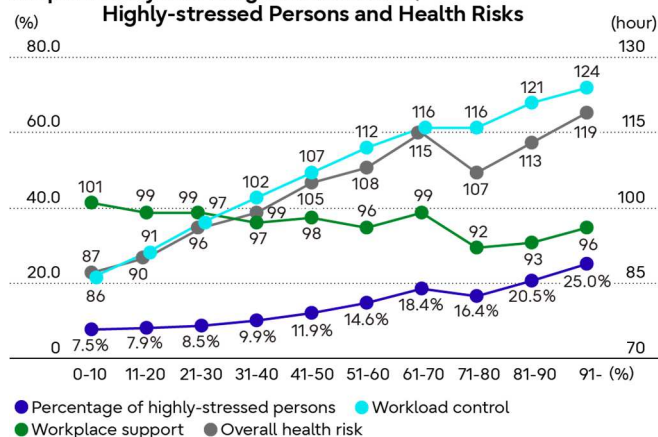
These kinds of analysis results are released to all employees through the portal site and internal newsletters along with health dynamics data (health examination data, leaves of absence, etc.) and stress check results.

Major Regional Initiatives

Mental Health Webinars in Global Delivery

At Global Delivery, we offer live Webinars for employees with speeches by guest speakers (industry leaders within and outside of the company) on the impact of practicing mindfulness, resilience, and thoughtfulness on the individual and workplace. Since its inception, we have held a total of five sessions, involving 1,750 employees, covering themes of thoughtfulness toward others, management of emotional and mental well-being, perspective of DE&I leaders, workplace anxiety, and business culture.

Well-being Week in the Netherlands, Europe

Health related activities are regularly held in Europe. In the Netherlands, we encouraged employees to partake in well-being activities for each of the daily themes taking place during Well-being Week. In the UK, health checks are provided at the whole hub location, with over 300 employees attending. To remove mental health related barriers at the workplace, we regularly share webcasts on a variety of topics, including burnout syndrome, resilience promotion, and detecting anxiety. Furthermore, we also held a virtual yoga session for employees in Europe.
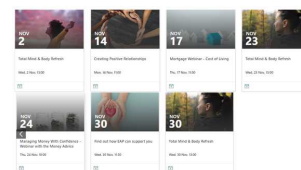
External Initiatives in UK

At Fujitsu UK, we shared information on the support system available to employees and how to assess well-being in the publication of Managing Workplace Health and Wellbeing in a crisis (published January 2022), and discussed their connections to Fujitsu's business goals in the UK as part of the National Forum for Health and Wellbeing at Work.

Colour Kitchen in Germany, Austria and Switzerland

In autumn 2022, Fujitsu conducted the Colour Kitchen recipe campaign together with its health insurance program by Siemens, in which favorite healthy recipes submitted by employees in Germany, Austria and Switzerland were featured in the company's digital recipe book. This campaign helped promote the fun in making dishes among colleagues as well as helped enhance motivation to achieve health in the workplace. The 21 healthiest recipes were chosen from the many entries submitted.

10,000 Steps Challenge in Germany, Austria and Switzerland

In the 10,000 Steps! – Every step counts campaign, a total of over 30 million steps were recorded using a smartphone app from 47 teams in Germany, Austria and Switzerland. This is equivalent to a 362-ton reduction in CO_2 compared to traveling the same distance by automobile. This three-week long campaign that started in July 2022 motivated employees to walk more in their everyday life. Many employees have continued to use the app to monitor their steps as they have developed a workout routine even after the campaign ended.

Communication Plan for Well-being in Americas

In the Americas, a communication plan was established to encourage and penetrate health education and activities for employees. We communicated with all employees 26 times through the company newsletter. Those 26 themes communicated included tips on maintaining health, boosting mental support, and well-being.

Major Domestic Initiatives

Countermeasures for Lifestyle-Related Diseases

Fujitsu and its domestic Group companies provide support for independent health management by carrying out health checkup in accordance with legally mandated health examination items, with additional items by age group, as well as offering checkup results via online systems and providing information such as health risks and changes over time. In addition, with regard to employees who have abnormal findings after receiving checkups, we aim to improve their lifestyle habits, and provide thorough medical checkups and consultations, through health guidance and medical examination recommendations supplied by occupational health physicians and occupational health staff. For employees who have

A system that allows employees to view health checkup results on their PC or smartphone

been diagnosed as needing treatment due to their test results, the Fujitsu Health Insurance Society monitors their medical prescriptions for three months to prevent their post-diagnosis condition from worsening, and recommends checkups for employees who have not undergone treatment, which leads to appropriate medical care. In addition, family members of employees (spouses of those enrolled in the Fujitsu Health Insurance Society, and family members 40 years of age and older) are able to undergo the same health checkups as employees (including cancer screenings).

> [Project to Prevent Diseases from Becoming Severe](#)

Cancer Countermeasures

Taking steps against cancer involves engaging in prevention through improvement of lifestyle habits, as well as early detection through health checkups and treatment. We promote regular additional screenings for stomach cancer, colorectal cancer, and prostate cancer when employees undergo legally prescribed health checkups, based on age group. In collaboration with the Fujitsu Health Insurance Society, we conduct and support the expenses for gynecological examinations (cervical cancer and breast cancer) for all female employees. In addition, to screen for stomach cancer, the Fujitsu Health Insurance Society runs tests for Helicobacter pylori for 35-year-olds and conducts in-depth examinations on those who test positive.

Additionally, we hold "Cancer Prevention and Support for Balancing Work and Treatment" e-learning seminars for all group employees in order to equip them with accurate knowledge about cancer, and to lead to prevention through improvement of lifestyle habits, as well as early detection and treatment through health checkups. We also provide e-learning materials to employees' families in cooperation with the Fujitsu Health Insurance Society.

Mental Health Countermeasures

At Fujitsu and its domestic Group companies, through health consultations, employment support and recurrence prevention for those with mental health issues, and mental health education provided by occupational health staff at each office, we support employees and workplaces, which leads to improved mental health. Furthermore, we have full-time psychiatrists and licensed psychologists on staff to offer counseling during working hours, providing a system for receiving professional support within the company. Health consultations and counseling can also be accessed online, creating a structure where they are available from anywhere, including when working from home. The Fujitsu Health Insurance Society also provides health consultations and

A stress diagnostic tool and individual results

counseling over the phone and online so that employees and their families can easily consult them.
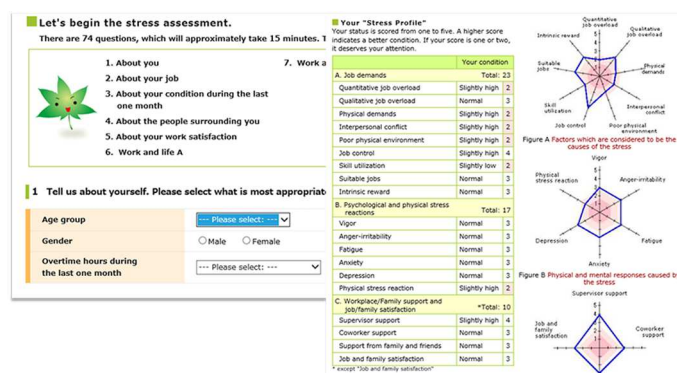
In a system unique to the Fujitsu Group, Work Environment Improvement Support Staff are appointed and placed at each workplace to promote the creation of work environments where employees can work positively and healthily. The Support Staff work together with managers to solve work management challenges, detect poor health quickly based on employee performance and daily communication with them and to respond at an early stage by coordinating with the Health Promotion Unit and Human Resources Unit.

For stress checks, in addition to supporting employee self-care through checkups, we provide feedback to management and senior staff members by integrating organizational analysis results with engagement surveys and other internal studies, then synchronizing these efforts with Work Life Shift initiatives, which leads to better working environments. In addition, for workplaces with high levels of health risk and workplaces with many employees who have been evaluated as highly stressed, we offer stress management education and workshops for creating healthy workplaces to provide support for reducing employee stress factors and energizing the places where they work.

> [Work Life Shift](#)

Oral and dental health countermeasures

Oral and dental health plays an important role in maintaining and improving health for the whole body while also greatly affecting QOL (quality of life) across a lifetime. Therefore we have set it as an important health issue and we hold activities such as dental examinations and preventive dentistry seminars to promote oral and dental health.

- Dental examinations
  We provide tooth checks (caries and fractures), periodontal pocket measurement and brushing guidance for employees aged 25, 30, 35 and 40 to prompt them to take an interest in oral and dental health from an early age and encourage early treatment and prevention.
- Preventive Dentistry Seminars
  In cooperation with JOF (*11), we hold a preventive dentistry seminar entitled "Preventive dentistry in the Reiwa era from 2019 onwards," to share knowledge on issues such as the etiology of cavities (caries) and periodontal disease, dental examination methods, self-care methods with the aim of KEEP28 (*12).

  *11   JOF@KEEP28 Corporation (Japan Oral Physicians Forum)
  *12   KEEP28 is a social preventive dentistry initiative promoted by JOF aimed at not losing a single tooth from the time it comes in until the end of your life and living the rest of your life with your own teeth without losing any from your current age.
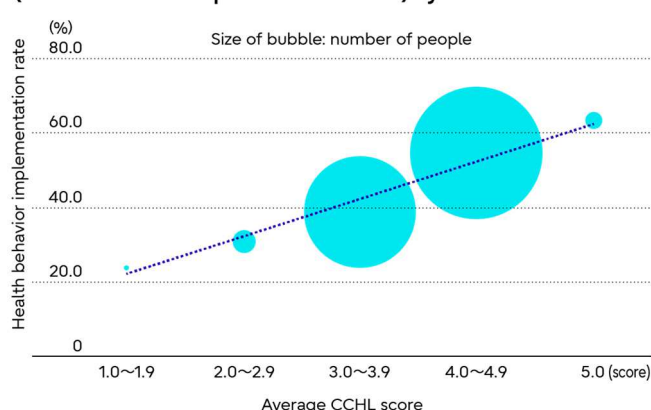
Health literacy and health awareness improvement

Through various kinds of health education such as health guidance, e-learning, training for managers and company-wide seminars, through various events about exercise, diet and smoking, and by sharing information through internal newsletters and portal sites, we aim to improve employees' health literacy and health awareness and form healthy habits.

- Assessment of health literacy
  Using the scale of Communicative and Critical Health Literacy (CCHL), employees are assessed for their average score in each of the five categories on a five-point scale ranging from strongly disagree to strongly agree: ability to collect information (ability to gather information from various sources from newspapers, to books, TV, and the Internet, etc.), ability to select information (ability to find information one is looking for from a lot of information), ability to convey information (ability to understand and convey information to others), ability to determine information (ability to determine the credibility of information), and ability to make decisions (ability to plan or make decisions for health improvement based on the information).

CCHL Scale

Ability to gather information
4.02

Ability to
make decisions
3.64

Ability to
select information
3.86

3.77

Ability to determine information
3.65

Ability to convey information
3.69
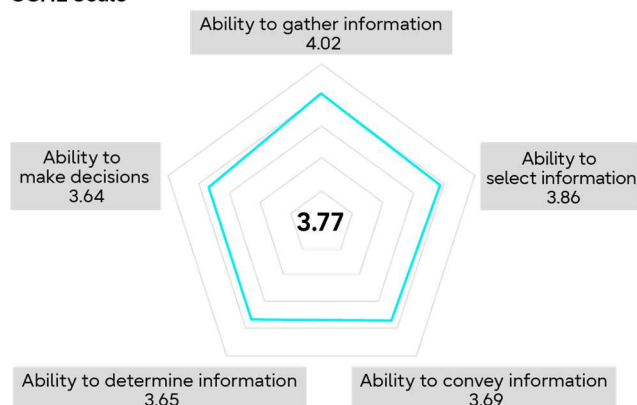
Behavioral Change Stage
(Health Behavior Implementation Rate) by CCHL Score

Health behavior implementation rate

(%)
80.0

Size of bubble: number of people

60.0

40.0

20.0

0

1.0~1.9   2.0~2.9   3.0~3.9   4.0~4.9   5.0 (score)

Average CCHL score

- Health education
  - Company-wide e-learning: Once a year all employees at Fujitsu and Group companies in Japan are given e-learning on important health topics to provide knowledge and increase their health awareness. In FY2022, e-learning was conducted on the topic of physical activity and lower body health as seen from lower back pain, where 34,359 employees in Japan participated. In the post-learning survey, 90% of participants who responded said that the learning was helpful.
  - Regular employees: Receive education about self-care when joining the company or changing jobs through e-learning.
  - Managers: Receive education about their subordinates' mental healthcare when appointed as managers and once every three years as part of their people management education.
  - Company-wide seminars: Seminars are broadcast to all Group company employees in Japan about topics such as exercise, nutrition, diet, smoking and women's health. In FY2022, an average of 1,200 employees participated in live seminars, with 94% of participants who responded to the post-seminar survey said that it was helpful.
  - Office seminars: Seminars are held on themes such as mental health and health promotion, based on the issues faced by each office.
    * Refer to FY2022 Performance: Health Education for more details

- Health events
  - A company-wide walking event, "Let's Walk Together"
    To cultivate a habit of exercising in daily life and increase health awareness, Fujitsu and all Group companies in Japan hold a company-wide walking event called "Let's Walk Together" twice a year in spring and fall. Participants compete on an individual and team basis with the average number of steps walked in a month using a smartphone app. There are individual and team incentives for the employees with the highest average number of steps, teams that achieve 6,000 average steps in a day, teams that achieve 8,000 steps daily and other metrics.
    Furthermore, during Fujitsu Learning Festival 2022, a global walking event will be held to help the whole organization to be aware of walking in everyday life. Each step will be connected to a donation that contributes to the SDGs.
  - A quitting smoking promotion event, "Let's Stop Smoking Together"
    We organize an event where two to five non-smokers form a team with one smoker, who attempts to quit smoking over three months with the support of the team. Along with encouraging people to stop smoking, it provides opportunities for both smokers and non-smokers to think about smoking and health. Teams that successfully get their smoking member to quit are awarded incentives.
  - A nutrition education event, "Let's Learn About Food Together Day"
    We have declared the 19th of every month to be Food Education Day. In addition to introducing healthy recipes using seasonal ingredients and information about health effects via email newsletters, we prepare special menu items using those ingredients at the employee cafeterias all over Japan, and work to improve employee awareness of what they eat.
  - Online fitness program – 5 minutes a day challenge

With working from home becoming mainstream under Work Life Shift, Fujitsu and Fujitsu Health Insurance Society together launched a sports event via an online service hosted by RIZAP and athletes of Fujitsu Sports to encourage mental and physical reset, promote an active lifestyle and approach employees without a workout routine, with the goal to promote health maintenance among employees.

* Refer to FY2022 Performance: Health Events for more details

Work environment development

The Fujitsu Group prepared a "Health Report Card" that visualizes data about the status of employee health on a division and company basis and the status of health improvement initiatives compared to the Group as a whole. It provides this card to management as feedback along with employee engagement surveys and stress check group analysis results, and the management works together with the workplace to develop the working environment while sharing employee health-related issues.

We also aim to improve the work-life balance and productivity of every individual employee by implementing a variety of measures to reduce long working hours. By promoting Work Life Shift, we have developed structures that support diverse working styles, taking teleworking as a basis and actively adopting flexible working arrangements such as flextime and discretionary work systems.
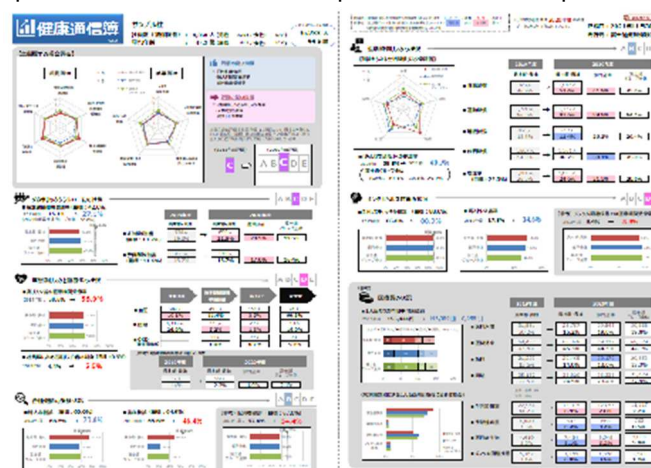
Sample Health Report Card

Smoking Prevention Measures

Starting from October 2020, Fujitsu and its domestic Group companies have completely banned smoking at all offices to protect employees from the harmful effects of secondhand smoke, and in an attempt to reduce the health risks of smokers.

Furthermore, to support efforts by smokers to quit smoking, we also hold seminars so that employees will accurately understand the health effects of smoking, and provide support and subsidies for treatment to quit smoking. In addition, the "Let's Stop Smoking Together" Challenge, an event held once a year by all domestic group companies where smokers and non-smokers form teams to tackle quitting smoking, has improved awareness of quitting smoking and an attitude of fostering measures against smoking, group-wide and in all workplaces.

Health Initiatives for Female Employees

For health issues specific to women, we provide education, share information and have established a dedicated consultation window to raise women's health awareness and generate concern and understanding for health issues that women face. We also implement or support the costs of screening for cancers specific to women, all of which is aimed at driving the creation of a workplace where women can work positively.

Women's health portal site

- A women's health portal site has been set up on the intranet to disseminate information on different themes about women's health (such as hormones, life planning, menopause, and cancer), seminars held, archives of past seminars and a women's health consultation window.

- We broadcast seminars on women's health to all Group employees online to coincide with Pink Ribbon Day every October and Women's Health Week in March. By targeting all employees and not just female employees, we help all employees to take an interest in and have correct knowledge about female-specific health issues. This encourages the development of a work environment easy for women to work in and supports the active participation of female employees.

- In coordination with our DE&I measures, we make time for women-specific health issues at seminars about balancing childcare and work that are held for employees returning from childcare leave and supervisors with employees raising children under them.

- Gynecological examinations (cervical cancer and breast cancer screening) are conducted for all female employees and employees can be examined at no personal cost. They can choose to undergo the examination as a set together with their company's mandatory health examination, or visit a contracted medical institution or visit their regular doctor for an examination.

Support for Balancing Work with Medical Treatment

The fundamental idea at Fujitsu and its domestic Group companies is that employees should undergo proper treatment, then return to work after recovery. We have established various leave systems and income support mechanisms so that employees can have peace of mind and devote themselves to medical treatment. We provide support from medical staff while an employee is on leave, so that they can make a smooth return to work. When they return, we conduct joint discussions with the occupational health physician (occupational health staff), HR, the employee's department head, and the employee themselves, and review their post-return work duties and employment considerations.

In order to provide support for employee treatment while they are on leave and for their return to work, we offer a guidebook aimed at the employee and their supporting department head and family members. Fujitsu provides the Return to Work Guide for employees to consult as well as for occupational health physicians at other companies who provide return to work support (occupational healthcare staff), HR departments, and department heads.

> ❯ Click here to download the Return to Work Guide (Japanese text only)

Note: This guidebook is not intended to mandate the uniformity of occupational health activities. Health services provided to employees should be determined based on a holistic judgement including individual factors and the rules of each company. The information appearing in this guidebook is intended only as a point of reference. This guidebook was prepared for use by primary care physicians, occupational health staff, and the employee on leave when determining eligibility for returning to work and offering assistance. The contents of this guidebook are subject to revision or change in case of high quality research outcomes in the future. The authors have made every effort to confirm the information contained in this guidebook, but offer no warranty regarding its accuracy or authenticity after distribution. Users are responsible for the interpretation and use of the content found in this guidebook. The authors cannot be held liable whatsoever for any damages that arise from the use of this guidebook.

Support for Balancing Work with Medical Treatment

Infectious Disease Countermeasures

Fujitsu and its domestic Group companies actively engage in countermeasures to keep employees safe from various infectious diseases by establishing health consultation services and dispensing information, among other initiatives. As preventative measures against infectious diseases, we give seasonal influenza vaccinations at companies, in addition to giving vaccinations to employees stationed overseas which are recommended in each place they will be staying (at company expense). With regard to the issue of rubella, which has been growing in recent years, we are cooperating with local governments to conduct education and public awareness campaigns at offices.

Response to COVID-19

The Fujitsu Group has established a Central Infectious Disease Countermeasure Unit headed by the president to centrally manage all information while the General Affairs Unit, Human Resources Unit and Health Management Unit work together to take measures against COVID-19.

- Consultation
  We have established a dedicated online hotline and email consultation service to respond to employees and their family members who have health concerns. We provide instructions to put them at ease, and so they can take appropriate action and seek medical care. In addition, the Fujitsu Clinic (Kawasaki City, Kanagawa Prefecture) handles people who are worried about infection, in conjunction with health care centers and regional specialist medical institutions.
- Providing information and education
  We have established a COVID-19 countermeasure site (Central Countermeasures Unit/Health Promotion Unit). It shares response guidelines for COVID-19, knowledge and the latest information about coronavirus infection, health considerations for teleworking (how to comfortably telework, exercise, diet, smoking, mental health, work environment) and other such information necessary for the mental and physical health of employees and their families.
- Working styles
  We are thoroughly implementing teleworking, which makes it possible to work flexibly without being limited by a place, such as at home, satellite offices or on business trips to help prevent COVID-19 infections.

Column -

Fujitsu Headache Project

First company in the world to be honored as a world-leading corporation in migraine workplace awareness education and support programs

In March 2022, Fujitsu became the first company in the world to be honored by the Global Patient Advocacy Coalition of the International Headache Society (IHS-GPAC) (*13) as a world leader in migraine workplace awareness education and support programs.

Chronic headache disorders, which include migraine, tension, and other chronic headache types, have a significant impact on daily life and work productivity. To address this problem, Fujitsu has developed and implemented training programs for employees globally in the workplace to promote awareness and treatment of headache disorders, as well as prevention programs for employees suffering from such disorders. Fujitsu's efforts were evaluated by the International Headache Society as a model case of corporate measures to support employees living with headache disorders.

Background

In the workplace, chronic headache disorders tend to be trivialized due to a common lack of understanding. As a result, many employees that suffer from these disorders continue to work while enduring painful headaches and other severe symptoms, leading to a decline in productivity and quality of life (QOL).

In June 2018, Fujitsu conducted an in-house survey in cooperation with International Headache Society, the World Health Organization (WHO), and the Japan Headache Society among Fujitsu employees about the impacts of chronic headache disorders on their work. Of the 2,500 people surveyed, 85% had experienced headache disorders. Of those who experienced headache disorders, 84% had never been treated. In addition, it was found that the economic loss to Fujitsu due to headache disorder-related sick leave and lower performance was approx. 900 USD per year per chronic headache disorder-affected employee in average (in case of migraine approx. 2,300 USD), or approx. 197 million USD per year for all employees, representing approximately 1% of the total annual salary paid to all employees. It was also revealed that health-related QOL scores (*14) of employees with chronic headache disorders were lower than the national standard for Japan. This demonstrates that headache disorders have a significant impact on daily life and work productivity. To address this issue, Fujitsu launched the "FUJITSU Headache Project" as a headache disorder prevention program that is now globally available to all employees.

Figure 1. The "World Leader in Headache Management Programs" certificate from the Global Patient Advocacy Coalition of the International Headache Society
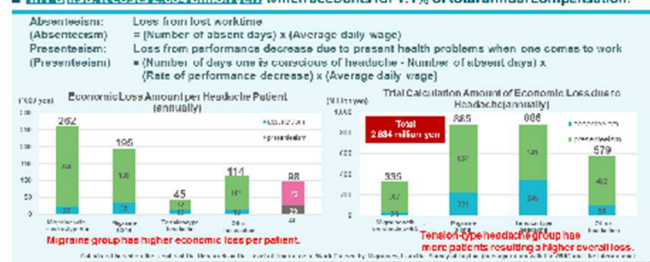

Figure 2. Estimated results of the economic loss caused by absences and lowered performance due to headaches

Outline of the "FUJITSU Headache Project"

Based on the results of a joint study conducted in 2018 (Fujitsu employee survey on the degree of impact of chronic headache disorders on work), Fujitsu in fiscal year 2019 developed the FUJITSU Headache Project in cooperation with HIS-GPAC and the Headache Society of Japan. Utilizing e-Learning programs to help Fujitsu Group employees in Japan acquire correct knowledge about headache disorders, Fujitsu held video seminars for headache patients, online headache consultations with specialists, and headache exercises. Through these initiatives to help employees with headache disorders, Fujitsu attempts to improve QOL and boost work productivity, and aims to create a workplace where people suffering from headache disorders can work with peace of mind.

Figure 3. Fujitsu Headache Project Overview

1. Project period: July 2019 to February 2022
2. Target: approximately 70,000 Fujitsu Group employees in Japan
3. Content: e-Learning programs and on-demand video seminars, online headache consultations, etc.

Future developments

- To expand the Fujitsu Headache Project program to regions overseas, we are offering e-learning educational materials in English and holding headache seminars for all global employees.

- Based on the results of the Fujitsu Headache Project, Fujitsu, the International Headache Society and the Japanese Headache Society will analyze the project to check whether there was increased understanding and knowledge about chronic headaches and to see how much improvement there was in the burden and lowered productivity caused by headaches.

- IHS-GPAC is making the headache management program developed through the Fujitsu Headache Project available to the public.

*13 Global Patient Advocacy Coalition of the International Headache Society (IHS-GPAC):
The International Headache Society is a UK-based academic organization founded in 1981 for headache-related research, medical care and education. The Global Patient Advocacy Coalition cooperates with global and regional headache, neurology, and pain societies to carry out patient support activities. It also acts together with governments, patient associations and headache specialists.
*14 Health-related QOL score:
A score that quantifies the impact of disease and treatment on the patient's subjective sense of health (mental health, vitality, pain) and daily work, housework, as well as family, leisure, and social activities.

Related documents

> About the Fujitsu Headache Project

> YouTube "Fujitsu Certificate Awarding Ceremony and Press Conference"

Assessments from Outside the Company

Certified as One of the 2023 White 500 Health and Productivity Management Outstanding Organizations

As a company which considers the health management of employees from a management perspective and tackles strategic initiatives to deal with it, Fujitsu was certified as one of the 2023 White 500 Health and Productivity Management Outstanding Organizations by the Ministry of Economy, Trade and Industry and the Nippon Kenko Kaigi, marking its seventh consecutive certification. We regard the health and safety of our employees and their families as one of our key management issues and to that end, we take care to establish robust systems with medical professionals at our offices nationwide, provide health guidance for lifestyle-related diseases, and set up mental health and smoking prevention programs, and these awards are recognition of our results.

Among domestic Fujitsu Group companies, 4 domestic group companies were certified in the White 500 (top 500 enterprises), 6 companies were certified in the large-scale enterprise, and 6 companies were certified in the small to medium-scale enterprise category.

*Company names are as of the time of certification (as of April 26, 2023).

- Large-scale enterprise (White 500): Fujitsu Japan Limited, Fujitsu Communication Services Limited, Fujitsu Network Solutions Limited, Shimane Fujitsu Limited
- Large-scale enterprise category: Fujitsu FSAS Inc., Fujitsu Learning Media Limited, Shinko Electric Industries Co., Ltd., Fujitsu Frontech Limited, G-Search Limited, Fujitsu IT Management Partner Co., Ltd.
- Small to medium-scale enterprise category: Mobile Techno Corp., Fujitsu Banking Solutions Limited, Best Life Promotion Ltd., Fujitsu Frontech Systems Limited, Two-One Limited, FTIS, Inc.

Received Outstanding Corporation Award for Promoting Cancer Countermeasures in March 2023

Fujitsu received an "outstanding corporation award" for the third year in a row from the Cancer Countermeasures Corporate Action Project (*15), which is conducted by the Ministry of Health, Labour and Welfare.

*15   A national project (commissioned by the Ministry of Health, Labour and Welfare) which aims to raise the cancer screening uptake rate to 50% or more, and build a society where people can continue to work even if they have cancer.

Awarded the President of the National Congress Physical Fitness Award in the FY2022 Commendation for Organizations with Outstanding Physical Fitness

The Fujitsu Health Insurance Society received the President of the National Congress Physical Fitness Award in the FY2022 Commendation for Organizations with Outstanding Physical Fitness hosted by the Japan Sports Agency. (*16)

*16   An award that recognizes organizations that implement campaigns to improve health and nutrition in communities and workplaces and demonstrate outstanding results in aiming to promote and enhance physical fitness.

Health Management Promotion Initiatives and Social Contributions

Fujitsu helps to promote health management and solve health issues for all of society by offering and presenting things such as health management and practical cases of health and productivity management in various forms, as well as research results, to places outside the company. In addition, we accept occupational health physicians, medical students, nursing students and others for training within the company, and contribute to the human resources development of occupational health staff.

- Sharing cancer e-learning materials with parties outside the company
  Through the Cancer Countermeasure Corporate Action project conducted by the Ministry of Health, Labour and Welfare the materials used in the "Cancer Prevention and Support for Balancing Work and Treatment" e-learning seminars held for all Fujitsu and all Group employees in FY2019 are being provided to the project's partner companies and organizations. As of the end of FY2022, 44,100 persons had attended the seminar
- Cooperating to measure the effectiveness of cancer screening
- Fujitsu is collaborating with specially-appointed Professor Nakagawa of the University of Tokyo Hospital and the National Cancer Center in a demonstration to measure the effectiveness of cancer screening through receptor analysis. This demonstration illustrates a difference of 7.5 million yen in medical expenses over the four-year period between early stage cancer and advanced cancer. In FY2021, a total of 22,000 Fujitsu employees underwent fecal occult blood tests for colon cancer screening, 4% underwent detailed examinations, and 12 were found to have early-stage cancer.
- The total cost of colon cancer screening and detailed examination was 43 million yen. If the 12 people were to be diagnosed with advanced cancer through a medical examination, the total medical expenses for four years would be about 90 million yen. The early screening has economic merit as it saved 47 million yen in medical expenses. Aside from the cost aspect, the early detection and treatment of cancer through cancer screening also minimizes productivity loss as a result of sick leave.
- Joint development of a Migraine Improvement program with the Global Patient Advocacy Coalition of the International Headache Society (IHS-GPAC)

* Refer to FY2022 Performance: Health Management Promotion and Social Contributions for other public announcements.

Health management-related services

The Fujitsu Group contributes to the health of society as a whole by providing healthcare solutions such as health information solutions, regional medical networks, and solutions for hospitals, clinics and nursing care providers. Additionally, to improve people's quality of life and create well-being, we will provide the foundation for trust and innovation, and we will strive to connect consumers, medical institutions, companies and governments so as to rebuild consumer-centered societies and industries in order to realize a society where data circulates based on an individual's wish and anyone can use advanced technology.

FY2022 Performance

Health education

- Table 1. Training and education

Category	Topic	Implementation method	Target	Attendees
Company-wide e-learning	"Physical Activity and Lower Body Health as Seen From Lower Back Pain"	e-learning	All employees in Japan	34,359
Regular employee education	Health education upon joining	e-learning	All new employees in Japan	1,200
Selective education	Self-care training after stress checks	e-learning	All employees in Japan	3,000

- Table 2. Company-wide seminars

Date held	Seminar name	Speaker	LIVE	Archived
April 22, 2022	Preventive dentistry seminar "Preventive dentistry in the Reiwa era from 2019 onwards 2.0" It's Still Not Too Late	Apple Dental Center Dr. Shintaro Hata, Dentist	3,000	237
June 21, 2022	Health Insurance Society Seminar Nishikawa Good Night's Sleep Seminar			22,950

October 9, 2022	Pink Ribbon Seminar Latest Knowledge and Accurate Information on Breast Cancer - Questions from adolescent and young adults to parents	Dr. Mamoru Fukuda, St. Marianna University School of Medicine, Breast and Imaging Center	420	103
November 7, 2022	Mental Health Seminar Is Your Heart Healthy? - Method to Increase Resilience	Dr. Satoko Nagumo, Occupational Psychiatrist, Health Promotion Unit, Fujitsu Limited	375	587
December 2022	Health Insurance Society Seminar RIZAP Online Live Seminar New Year's Weight Loss, Prevention of Low Muscle Tone		158	4,684
March 8, 2023	Women's Health Seminar Lecture by Dr. Takao for Men and Women – 100 Years of Wellbeing	Dr. Miho Takao, Deputy Director of Ihc Omotesando	1,420	1,376
March 2, 2023	Food Education Seminar Chrononutrition 2 - Rules of Eating for Improving Body Constitution, Managing Physical Condition, and Improving Performance	Dr. Akiko Furuya, Guest Researcher, Chrono-Nutrition Research Center, Waseda University	233	214

Health events

- "Let's Walk together" company-wide walking event

Held	Participating teams	Participants	Participation rate
Fall 2022	5,507 teams	30,852	33.5%
Spring 2022	5,423 teams	30,322	32.7%
Fall 2021	5,205 teams	29,589	30.4%
Spring 2021	4,283 teams	24,863	25.0%
Fall 2020	3,866 teams	22,463	22.8%
Spring 2020	Suspended due to the spread of COVID-19		
Fall 2019	4,094 teams	25,018	25.1%
Spring 2019	3,456 teams	19,463	19.3%
Fall 2018	2,662 teams	15,589	15.2%
Spring 2018	1,476 teams	7,328	7.0%

- "Let's Stop Smoking Together" quitting smoking promotion event

Held	Participating teams	Smokers	Supporters	Successful quitters (percentage)
2022 year	61 teams	61	134	39 (63.9%)
2021 year	65 teams	65	177	50 (76.9%)
2020 year	193 teams	193	441	141 (73.1%)
2019 year	249 teams	249	599	201 (80.7%)

2018 year	430 teams	430	1,060	300 (69.8%)

- Online fitness program – 5 minutes a day challenge

Held	Number of programs	Participants (live)	Viewers (archive)
2022 year	10 programs	2,164	4,061

Health Management Promotion and Social Contribution

- Table 5. External presentations (Public lectures, conference presentations, article submissions)

Category	Date	Name of lecture, academic meeting or media	Title
Lecture	June 17, 2022	2022 Forum, The Society of Health Development Sciences	Occupational health at a crossroads
Conference presentation	September 29 - October 1, 2022	The 32nd Annual Conference of the Japan Society for Occupational Health	Administration of COVID-19 vaccines at the workplace and nurse activities Three other presentations
Conference presentation	November 25, 2022	The 50th Annual JHS Meeting	E-learning on Migraines as Health Education for IT Company Employees Three other presentations
Conference presentation	December 17, 2022	Symposium at the 11th Annual Conference of Japan Academy of Public Health Nursing	Past, Present and Future of Health Management at Companies in the Post-COVID-19 Society One other presentation
Paper	June 9, 2022	Blood Pressure Monitoring, 09 Jun 2022, 27(6):391-396	Relationship between salt reduction readiness and salt intake in hypertensive patients: a single nonspecialized hypertension clinic case study.
Paper	December 12, 2022	Hypertension Research volume 45, pages772–774 (2022)	Uric acid, xanthine oxidase, and vascular damage: potential of xanthine oxidoreductase inhibitors to prevent cardiovascular diseases.
Paper	March 27, 2023	Cephalalgia 2023, Vol. 43(4) 1–14	Diagnosis, knowledge, perception, and productivity impact of headache education and clinical evaluation program in the workplace at an information technology company of more than 70,000 employees
Contribution	August 26, 2022	Occupational Health and Nursing, Vol. 14, No. 5, First Special Feature Web Roundtable	Expectations of occupational healthcare workers from the companies

- Table 6. Health management-related press releases and notices

Date	Category	Title
March 08, 2023	Press release	Fujitsu Recognized as a Health Management Outstanding Organization "White 500" for 7th Year in a Row

- Table 7. Participation in and dispatch of members to external committee and review meetings

Manager	Name of Committee /Review meeting	Position
Well-being for Planet Earth Foundation, Nikkei Inc.	Well-being Initiative	Gold plan Members
Ministry of Health, Labour and Welfare	Investigative Committee on Occupational Health	Review meeting members
Japanese Nursing Association	Basic survey on the activity base of public health nurses	Review meeting members
FY2022 Ministry of Health, Labor and Welfare Research Grant Comprehensive Research Project for Measures against Cardiovascular Diseases, Diabetes, and other Lifestyle Related Diseases	Research on medical examination implementation and consultation suited to new lifestyles	Research team member
Cancer Countermeasure Corporate Action	Cancer Countermeasure Corporate Action advisory board meetings	Observer
The Japanese Association of Public Health Nurses for Occupational Health		Representative of board of directors
Tokyo Certified Psychologist Association	Industry Committee	Cooperating committee member
Kanagawa Occupational Health General Support Center		5 consultants

- Table 8. Accepting occupational health physicians, medical students and nursing students for training and practical experience

Target	Purpose of Training / Practice	Number accepted
Medical interns	Community-based health care training・healthcare administration training	1 hospital, 12 persons
Medical students	Early experience training・study	2 schools, 10 persons
Medical students	Occupational health practical training・site tours	5 schools, 81 persons
Nursing students	Comprehensive nursing practical training	6 schools, 26 persons
Nursing students	Public health nursing practical training	7 schools, 36 persons

Occupational Health and Safety

Health and Safety Policy

The Fujitsu Group has established a Health and Safety Policy for conducting various business activities, and we promote group-wide efforts to set up safe, pleasant working environments and create a workplace culture that will ensure the health and safety of our employees. This policy has been approved by the management meeting and is being implemented in each region.

Fujitsu Group's Health and Safety Policy

Ensuring the health and safety of Fujitsu's employees is one of the most important management topics, and it is given the highest priority in all of Fujitsu's business activities.


Promotion Framework and Reviews

The Fujitsu Group has established a system to promote health and safety in each region, and we are moving forward to ensure compliance and preventive measures for occupational health and safety in accordance with the laws and policies of each country, such as those stipulated by the Ministry of Health, Labour and Welfare, ILO, etc., through a comprehensive, region-led approach.

We have set up the Central Health and Safety Committee in Japan, which is comprised of the executives in charge of the Human Resources Unit and Health Promotion Unit, and representatives and others from the Labor Union to function as an overseer for the Health and Safety Committees at each business site. It meets once per year to share information and report to management and those in charge at each location about the confirmed status of disasters that have occurred at business sites, and about preventative measures, while also formulating Group-wide health and safety related policies.

In addition, the health and safety management organizations at individual business sites, comprised of staff from the Human Resources and Corporate Affairs departments and representative of each business site, hold monthly Health and Safety Committee meetings. These committees establish policies suited to the unique characteristics of each site, set priorities, and work to create healthier, safer workplaces in accordance with policies related to the occupational health and safety. These health and safety management organizations also survey the worksites to check and improve on any potentially dangerous areas or causes of health hazards, and conduct risk assessments. Emergency response protocol is posted on the intranet of each business site for emergency preparedness. In the event that an employee is injured on the job, the Human Resources Department has a workflow in place to promptly collect information from employees on when and how an accident occurred to respond promptly.

We have set medium- and long-term goals that we aim to achieve in the Europe, Global Delivery and the Americas regions to strengthen governance, establish health and safety management systems, and develop human resources and health and safety teams for fostering a culture that does not tolerate occupational accidents. Specifically, we are providing employees of each region with tools for occupational accidents reporting, workplace assessments, and occupational health and safety support service from a dedicated team. Furthermore, we regularly host an occupational safety and health leadership forum aimed at monitoring and reviewing the safety and health efforts at the level of each region and country. At the forum, major information relevant to the business is shared for ongoing review and improvement of associated safety and healthy activities.

Structure for Promoting Occupational Health and Safety
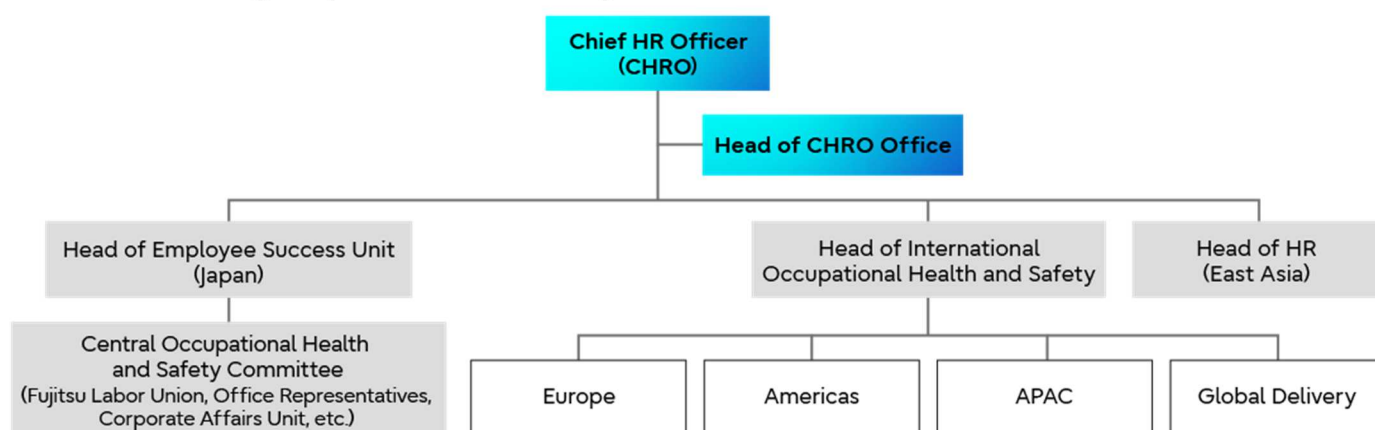
Efforts to Improve Occupational Health and Safety

The Fujitsu Group conducts various measures toward health and safety with the goal of having zero occupational accidents. Specifically, we provide information on health and safety, offer training opportunities to promote awareness towards health and safety and take steps for the prevention of occupational accidents, as well as encourage employees to develop exercise habits and take preventive actions against accidents. Furthermore, we also strive to maintain and improve the quality of our activities, including acquisition of international certifications. The details of our initiatives aimed at improving employee safety and health are reported and shared with the Sustainability Management Committee, which meets semi-annually.

Occupational Health and Safety Training

We provide health and safety training, as well as health education that raises health awareness, for the entire Group and for the unique environments at each office. In particular, as information that raises the awareness of employees, industrial physicians and counselors send messages as necessary in regard to topics such as COVID-19 (effects of vaccination, etc.), and physical and mental health maintenance.

Infectious Disease Countermeasures

In response to COVID-19, we recommend working from home as a way to prevent the spread of the virus and for employees around the world to work safely and with peace of mind. In addition, we have disseminated guidelines for working from home, enabling employees to carry out operations smoothly, regardless of environment. We also review our conventional way of business operations and take measures to encourage appropriate behavior and practices among employees as members of society.

As office environments, we are implementing measures such as periodic checks on the percentage of employees in the office, having seat layouts which take social distancing into account, making alcohol-based disinfectant available, and managing records of where people sit in non-fixed seating, in order to provide workplace environments where employees can work safely and with peace of mind.

We implement a variety of measures, including consultation service for infectious disease via the intranet for employees in each region and country, information provision for the prevention of infectious disease, and outlines of pandemic measures taken in each country.

Initiatives for Obtaining International Occupational Health and Safety Certifications

The international standard of ISO 45001 certification for occupational health and safety management (OH&S) has been obtained by some domestic Group companies and by Group companies in the UK, Ireland, France, Spain, Australia, Germany, and Portugal. Since January 2023, we have been awaited the same certification for Group companies in India. In addition, we have introduced an ISO 45001-certified safety management system in the European, Global Delivery Group, Americas and Oceania regions. Going forward, we will expand the scope of its application while identifying its relevant fields.

Moreover, we are committed to maintain and enhance our efforts in promoting occupational safety and health by continuing our collaborating with the International Labour Organization (ILO) and Institution of Occupational

Safety and Health (IOSH), maintaining other health and safety certifications, awards, and memberships, including the RoSPA Gold Award (three consecutive years), Risk Excellence Award, and OHRIS.

Other Efforts

We are conducting a wide range of educational activities on occupational safety and health for employees across the globe, in support of the objectives of the World Day for Safety and Health at Work, which is organized by the International Labour Organization (ILO).

FY2022 Performance

Occupational Accident Occurrences (Fujitsu and Group companies)

Fujitsu and Group companies provide health and safety training and health education in order to raise health awareness. We also provide training at each of our offices that is tailored to the workplace environment.

Japan
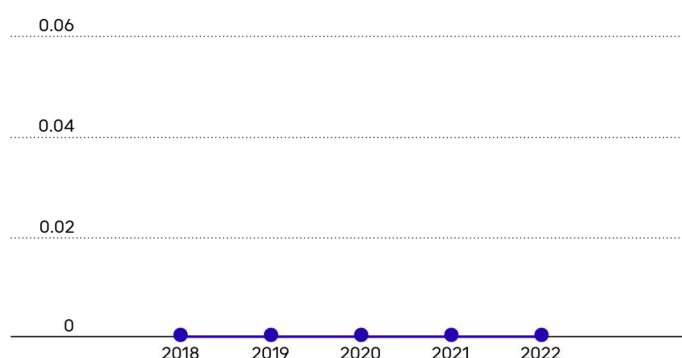Frequency Rate*1

★Indicator assured by third party

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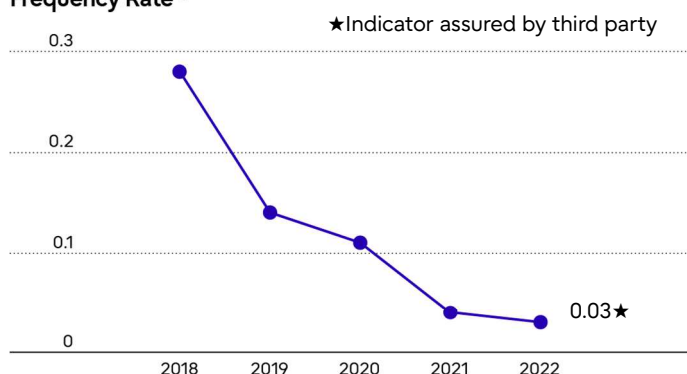
● Japan (Fujitsu Ltd)

*1 Calculated in accordance with the regulations of the Ministry of Health, Labour and Welfare in Japan
Frequency Rate

$$= \frac{\text{Number of new cases of fatal and non-fatal occupational injury during the reference period}^{*2}}{\text{Total number of hours worked by workers in the reference group during the reference period}} \times 1{,}000{,}000$$

*2 Number of cases due to occupational accidents resulting in one or more days of absence from work or loss of a part of the body or its functions
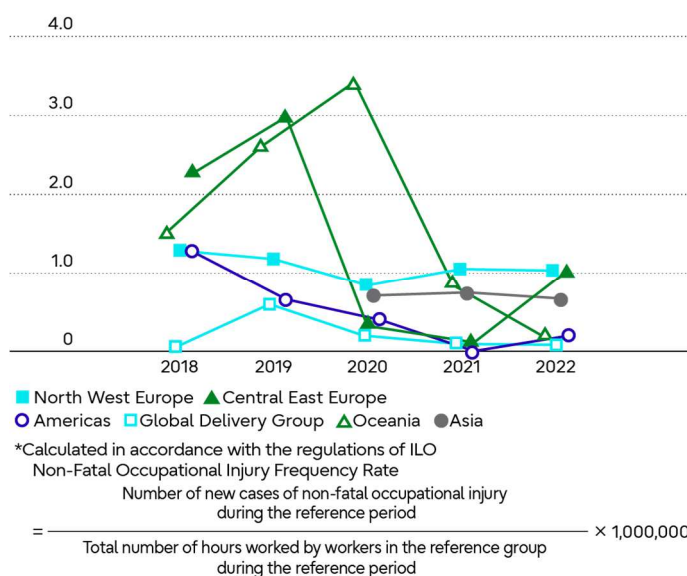
Severity Rate*

● Japan (Fujitsu Ltd)

*Calculated in accordance with the regulations of the Ministry of Health, Labour and Welfare in Japan
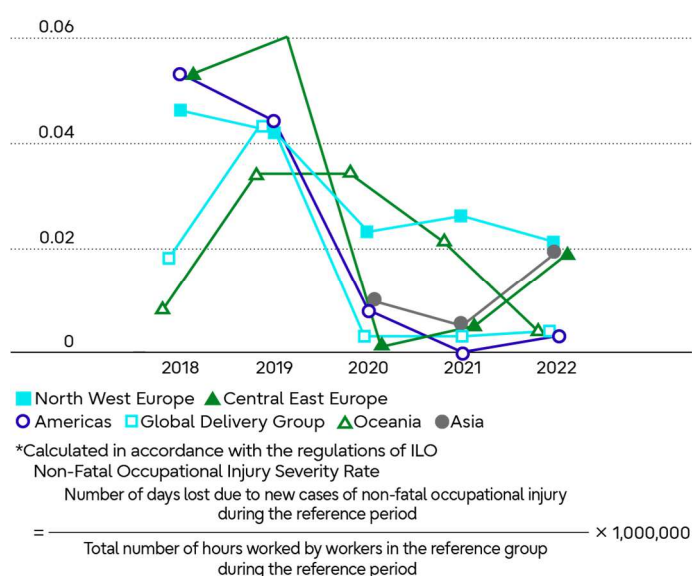Severity Rate

$$= \frac{\text{Number of days lost due to new cases of fatal and non-fatal occupational injury during the reference period}}{\text{Total number of hours worked by workers in the reference group during the reference period}} \times 1{,}000$$

International
Non-Fatal Occupational Injury Frequency Rate*

■ North West Europe ▲ Central East Europe
○ Americas □ Global Delivery Group △ Oceania ● Asia

*Calculated in accordance with the regulations of ILO
Non-Fatal Occupational Injury Frequency Rate

$$= \frac{\text{Number of new cases of non-fatal occupational injury during the reference period}}{\text{Total number of hours worked by workers in the reference group during the reference period}} \times 1{,}000{,}000$$

Non-Fatal Occupational Injury Severity Rate*

■ North West Europe ▲ Central East Europe
○ Americas □ Global Delivery Group △ Oceania ● Asia

*Calculated in accordance with the regulations of ILO
Non-Fatal Occupational Injury Severity Rate

$$= \frac{\text{Number of days lost due to new cases of non-fatal occupational injury during the reference period}}{\text{Total number of hours worked by workers in the reference group during the reference period}} \times 1{,}000{,}000$$

Number of fatalities from occupational accidents (2022)
1 case (FUJITSU PHILIPPINES)

ISO45001-Certified Group Companies

FDK Corporation (Takasaki Plant, Tottori Plant, Kosai Plant, Washizu Plant)
Fujitsu Australia Limited
Fujitsu Services Ltd
Fujitsu Services GmbH
Fujitsu Technology Solutions GmbH
Fujitsu Technology Solutions SA
Fujitsu Technology Solutions SAS
Fujitsu Technology Solutions LDA
Fujitsu Consulting India Pvt Ltd (Awaiting certification)

Occupational Health and Safety Training

We are leveraging the Fujitsu Learning Experience to develop an environment where employees can undergo training at any time at the global level. In addition, we conduct initiatives based on the situation in each region and country. We are providing health and safety training for employees at Fujitsu and its domestic Group companies to acquire fundamental knowledge for preventing occupational accidents, as well as the basics that will be useful in their own health management (approximately 1,300 employees/year).

In the Europe and Global Delivery Group regions, we conduct annual GSA compliance training to ensure that employees acquire basic health and safety skills. The training is designed for employees to learn through games and competition, including a competition between trainees of each country.

We held a talking session on occupational stress and mental health in Hong Kong (November 2022), and occupational health related workshop in Taiwan (three times a year). In addition, we conduct occupational safety and health activities in accordance with the guidelines from the Taiwanese government, and received the Healthy Workplace Certification-Health Promotion Mark from the Health Promotion Administration (HOHW-HPA).

Infectious Disease Countermeasures

As countermeasures against the COVID-19 pandemic, we are promoting vaccination in some parts of Asia and Europe such as Japan, India, the Philippines, and Germany. In Japan, we started offering the third inoculation from March 14, 2022.

In Japan, we offered the third dose of COVID-19 vaccine between March 14 and early June in 2022, and an omicron-specific vaccine variant between November and December 2022.

In the Philippines, we are contributing to improving the vaccination rate in local communities by donating surplus vaccines to communities. We received the COVID-19 Response Award from the Government of the Philippines on Investor's Recognition Day hosted by PEZA.

We developed a global dashboard that tracks the number of people infected by country in the Global Delivery Group region. Moreover, we published a guideline on COVID-19 for employees, which we regularly update.

Absentee rate (*1)

	FY2019	FY2020	FY2021	FY2022	FY2022 (target)
Employee absentee rate (*2)	1.004%	0.857%	1.012%	1.315%	1%
Number of employees	68,100	67,614	66,022	63,318	-

*1 Based on the number of fulltime employees as of the end of the fiscal year (March 20) of Fujitsu Ltd. and Group companies in Japan (excluding some companies)
*2 The percentage of days of absences to number of planned work days

Global Responsible Business

― **Environment** ―

The Fujitsu Group has reassessed its social role in light of the escalating global commitment to achieving carbon neutrality. The Group has elected to fast-track its previous commitment to achieve "zero CO_2 emissions within the Group by FY2050", instead bringing forward its Vision by 20 years to FY2030. The Group has set the additional target of reaching net-zero greenhouse gas emissions throughout the value chain by 2040.

Environment

Environment

Goal

WHAT FUJITSU ASPIRES TO BE

Fujitsu will fulfill its social responsibilities as a global corporate SX leader. In addition to achieving our carbon neutrality goals, we will solve various environmental challenges by providing innovative solutions through co-creation with our customers

GOALS FOR FY2025*

Fulfill our social responsibilities and help to resolve environmental challenges

- Reduce greenhouse gas (GHG) emissions from Fujitsu facilities and the supply chain with the aim of achieving Science Based Targets (SBT) net zero
- Avoid risks associated with our business activities and minimize our impact on the environment
- Help to resolve environmental challenges for customers and society through our business operations

GOALS FOR FY2022

Fulfill our social responsibilities and help to resolve environmental challenges

- Reduce greenhouse gas emissions at Fujitsu sites by 37.8% or more from the base year level (Reduce by 4.2% each year compared with FY2013)
- Avoid risks associated with our business activities and minimize our impact on the environment
- Help to resolve environmental challenges for customers and society through our business operations

* Specific targets are set in the Fujitsu Group Environmental Action Plan (Stage XI)

Introduction

Climate change is a global issue that impacts the sustainability of society, and it is closely related to water and resource recycling issues. Engaging in global environmental conservation is essential for achieving Our Purpose. The Fujitsu Group does its utmost to reduce environmental impact and minimize risks throughout the value chain, and we contribute to the realization of a sustainable society by solving environmental issues together with our customers.

Image of Achievement Fiscal Year for Environmental Vision, Targets, and Other Goals
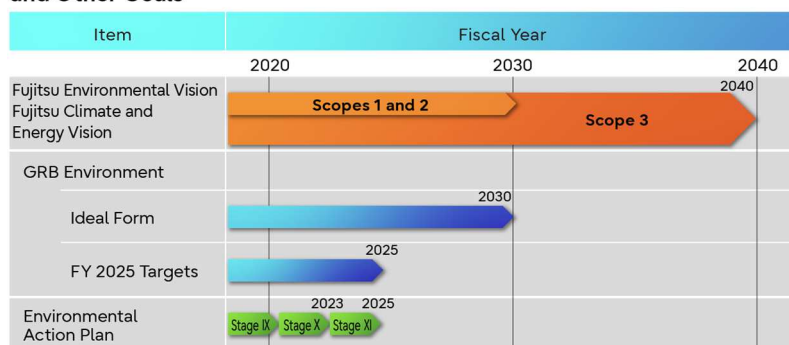
To Reduce GHG Emissions in Accordance With 1.5°C Target

## Updating Medium- and Long-term Goals

In May 2017, the Fujitsu Group formulated the Fujitsu Climate and Energy Vision as our environmental vision. In August 2017, we acquired SBT certification (2℃-aligned) for our reduction standard by 2030. As the movement toward carbon neutrality accelerated, we reconsidered the role that the Fujitsu Group must fulfill, and in April 2021 we raised our GHG emissions reduction target for 2030 from a 33% reduction compared to FY 2013 to a 71.4% reduction. This reduction target has been certified as 1.5℃-aligned by SBTi.

In order to accelerate decarbonization in the global community together with our supply chain, we have moved up the target deadline for 100% reduction by 20 years from the previous FY 2050 to FY 2030.

Furthermore, we have decided to aim for Net-Zero emissions in the entire value chain, including the supply chain (Scope 3), by FY 2040.

To ensure this target, we will follow the Fujitsu Group Environmental Action Plan (Stage XI) that we created as our activities through FY 2050.

(Our Net-Zero target for FY 2040 from the base year of FY 2020 received Net-Zero Certification from the SBT initiative in June 2023.).
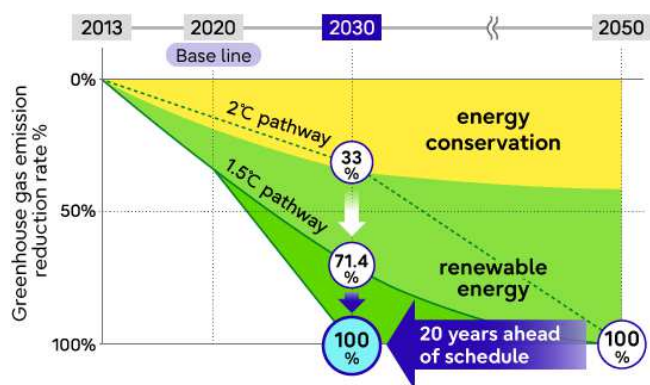
Emission reduction of Fujitsu Group (Scope 1 and 2)   Emission reduction throughout the value chain (Scope 3)
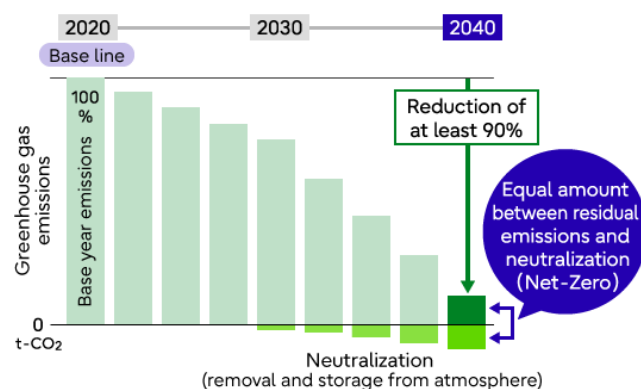
Roadmap to Net-Zero

Initiatives for Achieving Goals

Since 2018, the Fujitsu Group has been a member of the international initiative RE100, which aims to popularize and expand renewable energy.

Previously, we focused on our sites in Europe and the United States. In April 2021, however, in anticipation of full-scale introduction in Japan, we switched all electricity used in the Kawasaki Plant, the largest in the Fujitsu Group to renewable energy as Fujitsu's flagship model.

This initiative affects approximately 5% of the Group's electricity consumption in Japan.

Furthermore, in April 2022, Fujitsu Australia signed the largest renewable energy power purchase agreement (PPA) in the Group, accounting for approximately 38% of its annual power consumption.

Exterior of Kawasaki Plant

Sapphire Wind Farm
Largest wind farm in New South Wales operated by CWP Renewables

> Fujitsu Group Sustainability Data Book 2021 (p.5-3-3-12) (Examples of Initiatives in FY 2020: Introduction of Green Power)
> Fujitsu Group's Largest Facility to Source 100% of its Energy Needs from Renewables, Demonstrating Commitment to Achievement of RE100
> Fujitsu Sources 100% of Energy Needs for Global HQ from Renewables
> Fujitsu Australia signs the group's largest renewable energy power purchase agreement

Avoiding Risks Associated with Business Activities and Minimizing Environmental Impact

Fujitsu Numazu Plant Received Prime Minister's Award for the 2023 Greening Promotion Movement

The Fujitsu Group promotes activities to reduce negative effects, and increase positive effects, on biodiversity to minimize environmental impact. For example, since its inauguration in 1976, Fujitsu Numazu Plant has been actively greening its facilities. It constantly maintains the natural environment in its premises, managing lawn, a biotope, a tea garden and other gardens in its premises, as well as green areas such as woodland that remains in its natural state, including ecosystems. In addition, a large green area is opened to local residents as a place for relaxation, where the Plant carries out many community exchanges holding seasonal events such as "tea picking festival" and "waling to experience nature." Numazu Plant also is actively working to preserve biodiversity by pasturing goats for weeding, eliminating designated invasive alien species, raising "southern Japanese rice fish" (Oryzias latipes), an ancient Japanese species, in its biotope, and through other activities. In recognition of those continuous greening efforts, in April 2023, Numazu Plant received Prime Minister's Award for the 2023 Greening Promotion Movement, an award given by the Prime Minister to an individual or an organization that made outstanding achievements in the promotion of greening activities or the spread of greening awareness.
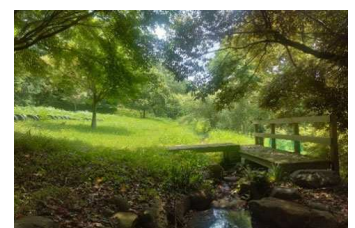

Numazu Plant (Aerial view)

Tea garden (tea picking festival)

Weeding by goat-pasturing

Biotope

Examples of How Our Business Helps Solve Environmental Issues for Customers and Society

A joint blockchain project for "J-Credit Easy Generation" has been launched to further develop environmental value exchange market

Fujitsu and IHI Corporation(*1) (IHI) have been working on a joint project since FY 2022 to realize carbon neutrality and to create an environmental value distribution platform that supports environmental value trading. Now, to simplify the environmental value creation process (collection, verification, and reporting of data such as CO_2 emissions) for the J-Credit(*2) issuance, they launched the "J-Credit Easy Generation"(*3) in June 2023.

As part of this initiative, the two companies applied for, and were selected as, collaborators engaged in a project for the "Outsourcing of Research and Development towards Digital Technology Utilization in FY 2023 J-Credit System" of the Japan's Ministry of Environment. They will work on this project from June 2023 to March 2024.

The two companies plan to start providing the "J-Credit Easy Generation" as a module of the environmental value distribution platform in FY 2024.

Overview of Joint Project

Since FY 2022, Fujitsu and IHI have been carrying out a joint project to create an environmental value distribution platform, which converts CO_2 emissions reductions calculated using data collected at IHI's IoT platform "ILIPS" (IHI group Lifecycle Partner System)*4 into tokens*5 that can be distributed on the environment value exchange market using Fujitsu's "ConnectionChain"*6 a technology that securely interconnects different blockchains.

By adding "J-Credit Easy Generation" to the environmental value distribution platform, companies and organizations that are making environmental contributions, such as reducing CO_2 emissions (environmental value creators) will be able to easily convert their environmental value, such as CO_2 reductions, into J-Credits.

At the same time, by promoting the application of digital technology to J-Credit trading, Fujitsu aims to build a sustainable value chain model that enables buyers to smoothly trade the environmental value created by environmental value creators in the form of J-Credits.

Using "J-Credit Easy Generation" as a starting point, the two companies will contribute to the realization of carbon neutrality by expanding their businesses to tackle the digital verification of the diverse environmental values, including product carbon footprint.
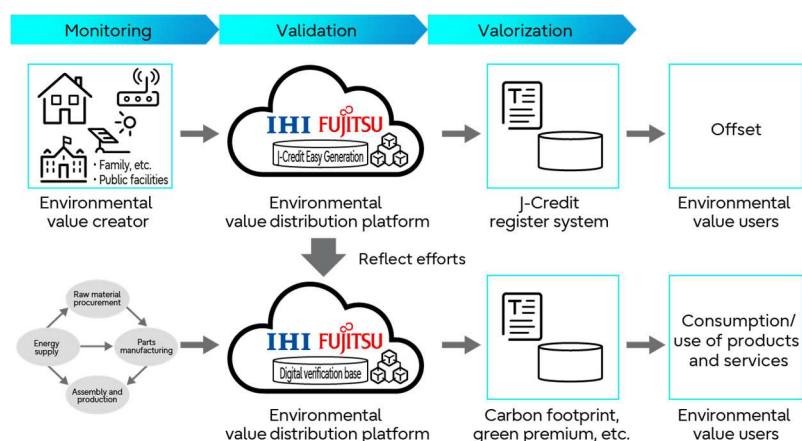

Figure 1 Digital verification of diverse environment values

Overview of the Demonstration Project of "J-Credit Easy Generation" for the Ministry of Environment's J-Credits (Public Offering Overview)

This project considers the simplification of the process from monitoring to issuing J-Credits through IoT and blockchain technology using the methodology of "Introduction of Photovoltaic Power Generation Facilities (EN-R-002)."

The demonstration will be conducted in the following three phases:

1. From June 2023 to August 2023: Planning the demonstration and sorting out the issues to be verified
2. From September 2023 to December 2023: Conducting the demonstration
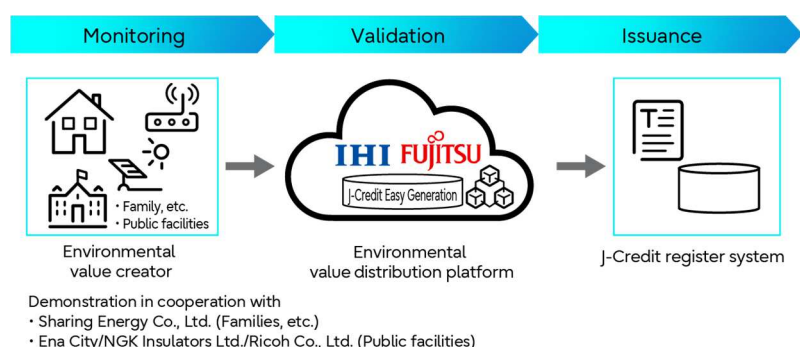3. From January 2024 to March 2024: Making final adjustments for actual operation

Figure 2 Demonstration of "J-Credit Easy Generation"

*1 IHI Corporation: based in Koto City, Tokyo, presided by Hiroshi Ide, CEO.
*2 J-Credit: A system in which the Japanese government certifies the amount of greenhouse gases reduced or absorbed as credits.
*3 J-Credit Easy Generation: A system that simplifies the process of creating environmental value for J-Credits using IoT and blockchain technology.
*4 ILIPS: A common platform for IHI Group products that accumulates data from equipment and facilities on cloud servers for use in lifecycle business to enhance IHI Group products and services.
*5 Tokens: Digitized rights and assets issued independently by a company or organization through blockchain technology.
*6 ConnectionChain: Blockchain technology that securely interconnects different blockchains and ensures transparency of transactions.

> ❯ Fujitsu and IHI start joint project on new environmental value distribution platform using blockchain technology

Fujitsu and Chugoku Electric Power T&D conduct joint trials to expand use of renewable energy and improve maintenance of power transmission facilities

To expand use of renewable energy, Fujitsu and Chugoku Electric Power Transmission & Distribution Company, Incorporated(*7) (Chugoku Electric Power T&D) aim to realize dynamic line rating (DLR)(*8) a promising next-generation power network technology and to utilize drones for improving the maintenance of power transmission facilities. To this end, they conducted joint trials for one year from September 2021 to verify the practical application of environmental data(*9), including wind conditions, obtained and converted through power transmission facilities of Chugoku Electric Power T&D.

In order to boost the use of renewable energy, power transmitters and distributors are aiming to develop next-generation power networks by strengthening power grid(*10), developing grid control technologies, and in other ways. Chugoku Electric Power T&D also actively take on this challenge.

Moreover, Chugoku Electric Power T&D utilizes drones for maintenance work, such as patrolling and inspecting its facilities, and locating any malfunctions. As drones flight is greatly affected by wind, however, further utilization of them requires real-time and accurate monitoring of environmental data (wind conditions) in the vicinity of power lines installed over a wide area.

Utilizing Fujitsu's proprietary data conversion technology, these joint trials converted optical ground wire (OPGW)(*11) vibration data from the OPGW of the power transmission lines through optical fiber sensing technology(*12) into estimated environmental data in the vicinity of the transmission, and then compared and verified that data with the actually measured data at the site. Consequently, it was confirmed that they were generally in agreement with each other.

This enables the efficient and accurate acquisition of environmental data (wind conditions) near the power transmission facilities installed over extensive areas, which can be more widely applied to patrols and inspections with DLR and drones. This will then help expand the use of renewable energy and further enhance the maintenance of power transmission facilities.

The two companies will promote the early development of an advanced power grid operation support system that can utilize environmental data (wind conditions) and temperature data of the power lines to manage power transmission capacity flexibly through DLR and to improve maintenance operations with drones. At the same time, they will further advance digital transformation (DX) to reform maintenance operations and solve social issues such as sustainable energy supply.
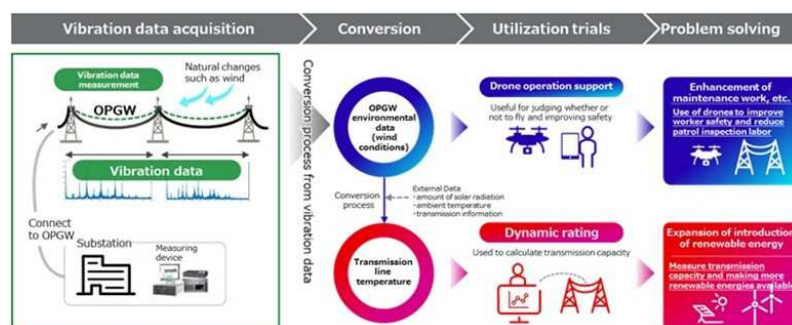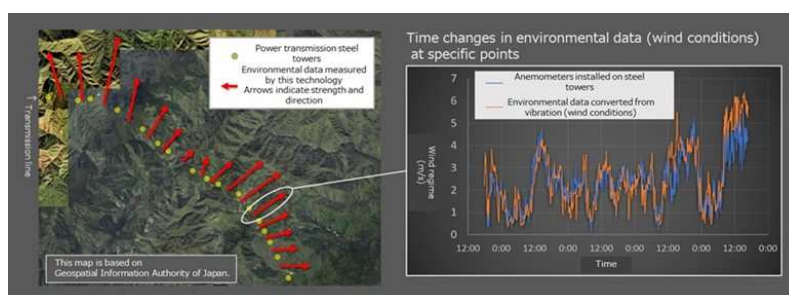

Figure 1: Overview of the field trials

Figure 2 Screen image of prototype system supporting advanced operation

of transmission network (in Japanese)

*7 Chugoku Electric Power Transmission & Distribution Company, Incorporated: based in Hiroshima City, Hiroshima Prefecture, presided by Hiroyuki Hasegawa.
*8 Dynamic line rating: Technology to flexibly operate transmission capacity of electric transmission and transformation facilities.
*9 Environmental data: A data group of estimated environmental conditions (e.g., wind conditions) along the optical ground wire (OPGW) and its vicinity.
*10 Power grid: A series of electric power facilities and systems consisting of transmission, transformation and distribution of electricity from power stations to users.
*11 OPGW: Optical Ground Wire. Equipment that incorporates optical fiber cables in overhead ground wires to protect power transmission lines from lightning strikes.
*12 Optical fiber sensing technology: Technology that enables real-time measurement of how optical fiber cables vibrate by inputting specific laser pulse light into optical fiber cables for communication and measuring changes and components of light such as backscattered light. For the measurement, a dedicated measuring device and a computer for data calculation are used.

> Fujitsu and Chugoku Electric Power T&D conduct joint trials to expand use of renewables and improve maintenance of power transmission facilities

Fujitsu began selling a service that provides up to 100% of the electricity consumed by Fujitsu Data Center users from renewable energy sources

Aiming to help customers accelerate their efforts to reduce greenhouse gas (GHG) emissions throughout their supply chains, Fujitsu began selling a service that provides environmental value(*13) to the users of Fujitsu Data Centers (DC) through the "Environmental Value Delivery Service"(*14) in FY 2022.

To achieve carbon neutrality, each company will need to reduce not only their own GHG emissions but also indirect GHG emissions from the services of other companies it uses.

On the other hand, it is revealed that more than 80% of companies are facing challenges in achieving carbon neutrality.

As a leading global environmental-friendly company, Fujitsu has set the goal of fulfilling its social responsibility and contributing to solving environmental issues. To contribute to this goal in its DC business as well, Fujitsu has begun offering "Environmental Value Delivery Service" from a new perspective.

Overview of Environmental Value Delivery Service

This service provides Fujitsu DC users in Tatebayashi, Yokohama and Akashi with up to 100% of the contracted electricity from renewable energy sources. As Fujitsu issues a certificate as proof of use of renewable energy for DC service, they can publicly demonstrate that they are helping reduce GHG emissions(*15).
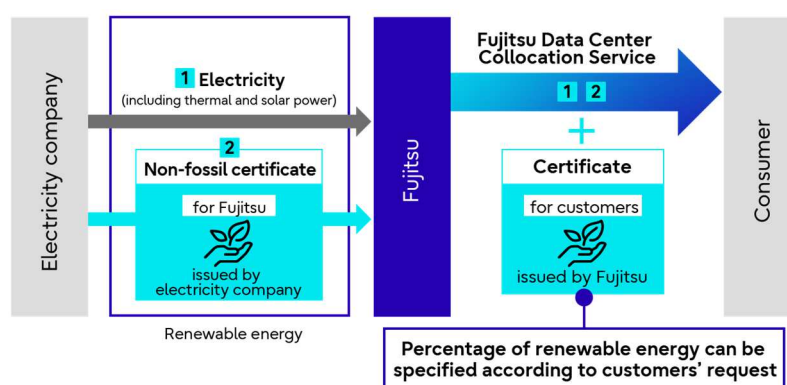
Figure 1 Overview of Environmental Value Delivery Service
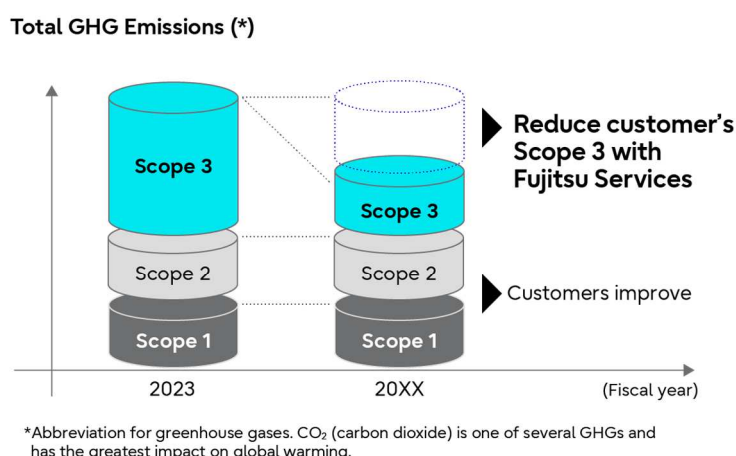

Figure 2 What can be achieved through Environmental Value Delivery Service

*13 The energy generated in a non-GHG-emitting manner is recognized as non-GHG-emitting value in environmental activities.
*14 FUJITSU Hybrid IT Service, Collocation Service, Environmental Value Delivery Service.
*15 This aims to reduce customers' Scope 3.

> Environmental Value Delivery Service (Japanese text only)

Environmental Management

Environmental Management System

We are continuously working to improve our ISO14001 (*1) based environmental management systems and to promote Group-wide environmental management.

(*1)   ISO14001 : Environmental Management Systems (EMS) standard determined by the International Organization for Standardization (ISO). Certification is granted to environmentally conscious organizations that develop systems for ongoing reductions in their environmental footprint.

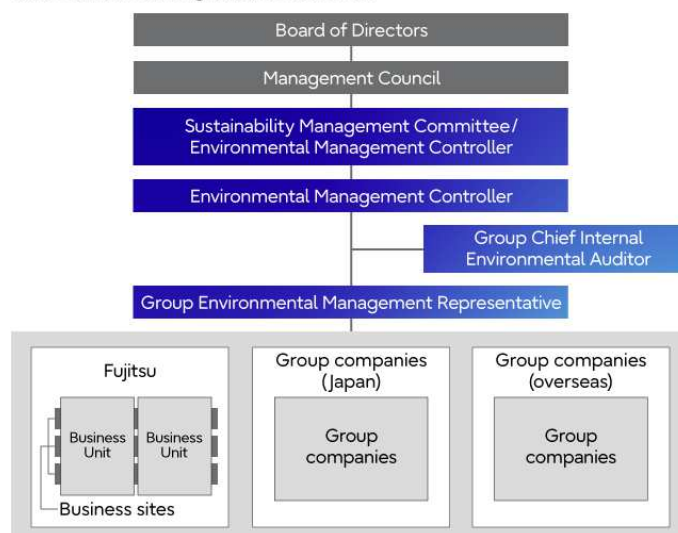## Fujitsu Group's Environmental Management Systems (EMS)

Fujitsu Group has constructed Environmental Management Systems (EMS) based on the ISO 14001 international standard and is promoting environmental improvement activities across the Group. After acquiring ISO 14001 certification for consolidated subsidiaries in Japan at the end of FY 2004, we expanded this effort to include overseas subsidiaries and acquired global integrated certification at the end of FY 2005. Subsequently, the overseas subsidiaries switched to individual certification.

Environmental Management Framework

In April 2020, Fujitsu Group set up the Sustainability Management Committee, which leads the charge for management which takes sustainability initiatives into account. The Sustainability Management Committee has established major sustainability issues which are common globally (Global Responsible Business: GRB) and is working to address them, and the environment is one of those to be addressed. In order to promote environmental activities, we consider medium- and long-term issues, formulate policies, share business risks and opportunities due to climate change, consider ways to respond, and report regularly to the Sustainability Management Committee in order to improve EMS and strengthen governance. Based on that, final approvals on environmental management at the Fujitsu Group are made at meetings of the Management Council.

In the promotion of environmental activities, we have organized environmental organizations in charge of issue-specifics, etc., composed of relevant parties that go beyond the framework of business groups and business units. Through the promotion structure shown in the figure below, we are moving swiftly to popularize initiatives for addressing environmental issues throughout the Group.

Environmental Management Framework

Constructing and Operating Environmental Management Systems

The Fujitsu Group has constructed EMS based on the ISO 14001 international standard and is promoting environmental improvement activities across the group. By constructing EMS worldwide, the Fujitsu Group further strengthened its Group governance. This also allows the Group to promote even more efficient and highly effective environmental activities, including understanding the state of activities, legal compliance, and emergency response.

As of March 2023, Fujitsu and 29 domestic Group Fujitsu companies had acquired ISO 14001 Group Integrated Certification.In the Group as a whole, 62 companies, including 30 companies with integrated certification, have acquired ISO 14001 certification.

Activity Flow

The Sustainability Management Committee deliberates on the status of environmental activities related to the entire Group, the achievement status of targets, and new activities, which are all regularly reported by the environmental activities promotion organization. For example, the committee determines the directions to be taken for reduction of energy consumption and CO_2 emissions, countermeasure for environmental risk, and other environmental medium-to-long term visions. The Sustainability Management Committee also conducts environmental management reviews and is exercising approval authority for the Fujitsu Group Environmental Action Plan.

Organizations in charge of issue-specific are sub-organizations set up under the Sustainability Management Committee, with the goal of providing dedicated responses to address specific tasks professionally. The tasks of the organizations are discussing targets and confirm the progress and promote to achieve for the Environmental Action Plan. After receiving progress reports from the organizations, the Environmental Management Controller approves the status of activities and suggestions of future focuses, etc., and instructs all organizations to implement the necessary initiatives.
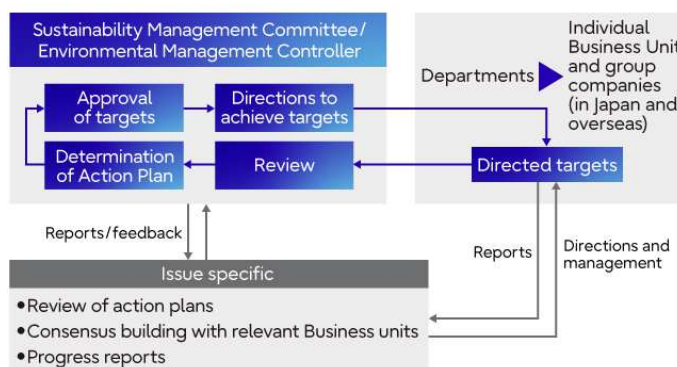
Management Based on the Line/Site Matrix Structure

The Fujitsu Group carries out its environmental management within a matrix structure combining (1) "line activities" directly tied to the business operations of various Business Groups and companies (including development of eco-friendly products and the expansion of environmental contribution solutions) and (2) "site activities" to tackle common themes affecting each factory or business location (such as energy conservation and waste reduction). In this way we carry our environmental management according to the same framework as our management, while also reducing the environmental footprint generated by our business activities and the sale of our products and services.
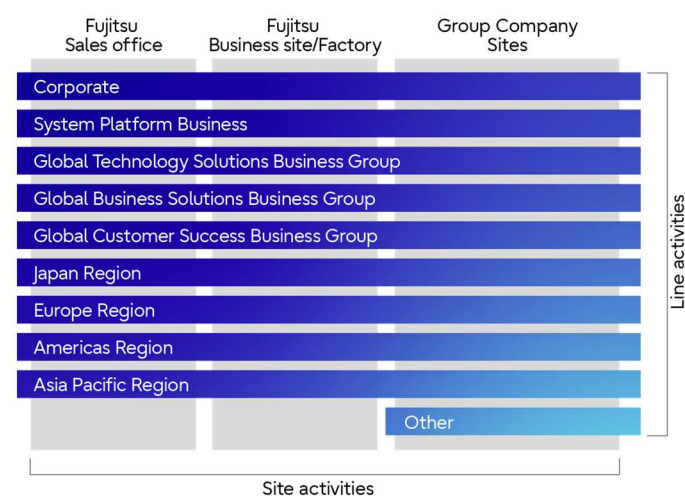
> Environmental Management Initiatives (Case Studies)

Environmental Management Initiatives (Case Studies)

Operations Utilizing ICT

The Fujitsu Group actively utilizes its own ICT-driven environmental management tools to visualize and boost the efficiency of its environmental management.

EMS Operations Using ICT

We are working to improve the efficiency and visibility of environmental management by making full use of the Global Environment Database System (Ecotrack), which can centrally manage aspects such as planning, performance, and policy information at business sites scattered throughout the world, and the ISO 14001 Green Management System (GMS), which centrally manages compliance and risk management status to support EMS operations.

Additionally, the communication infrastructure of all companies in the Fujitsu Group is used for EMS operations. For example, we try to conduct smart communication in our EMS operations, through activities such as using remote video conferencing systems to conduct EMS briefings.

Using the Global Environment Database System

The Global Environment Database System (Ecotrack) is used to gather information about the environmental footprint (performance) of Fujitsu Group companies and business sites and centrally manage aspects such as planning, performance, and policy information.

Global Environmental Database System
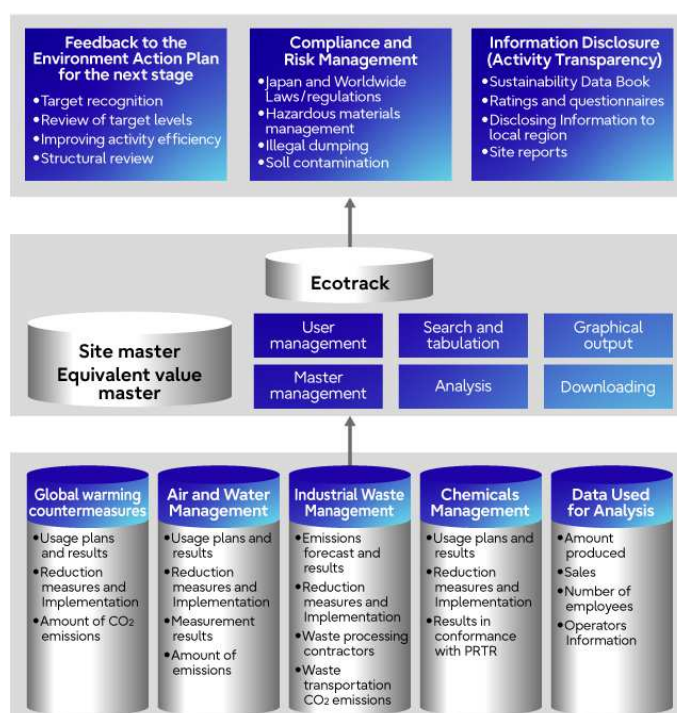
Using the ISO 14001 Green Management System

The Fujitsu Group uses the ISO 14001 Green Management System (GMS) to exercise unified control over the operational status of the EMS concerning matters such as the status of improvements and the state of compliance with regard to items pointed out by internal audits, communications activities, direct and indirect effects identified in environmental impact assessments, and the setting of environmental targets.

Through the GMS, we can manage corrective measures and objectives with certainty, and it has been effective for continuously improving our activities and reducing risks.

ISO 14001 Green Management System

Implementing Environmental Audits

Internal Audit Implementation and Results

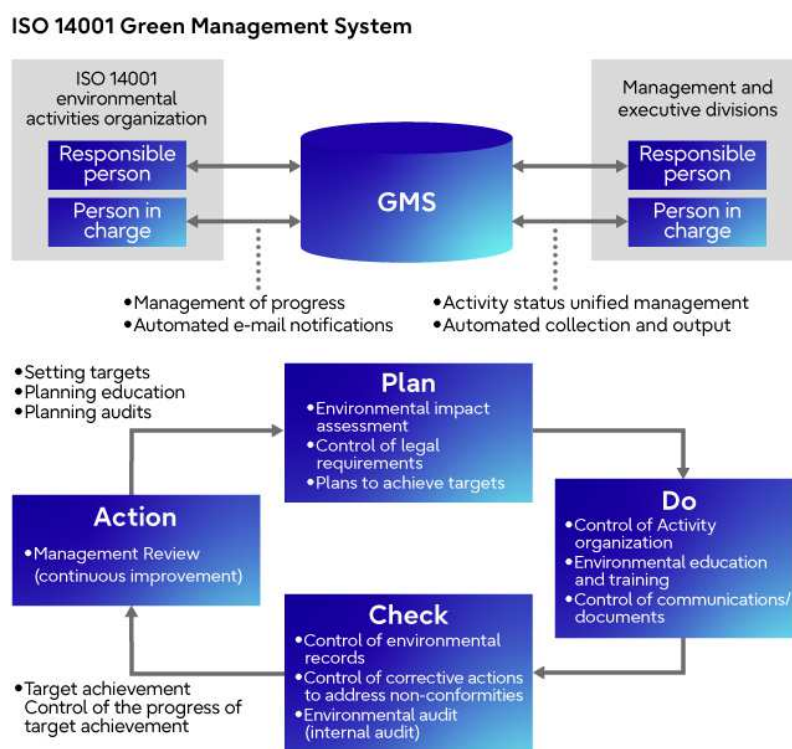The Fujitsu Group conducts internal audits, a requirement of ISO 14001. To ensure the objectivity and independence of internal audits, the Internal Control and Audit Office takes the lead, allocating internal auditors who belong to Fujitsu or Fujitsu Group companies and carries them out. For the internal audit in FY 2022, we continued to consider the promotion of Work-from-Home through work style reforms, and conducted on-site audits at manufacturing sites, data centers, and other sites with a high environmental impact.

In FY 2022, we carried out internal audits of 72 business sites in Japan, including the plants and offices of Fujitsu and its Group companies. When conducting audits, we closely examined the results of internal audits and external audits from FY 2021. The four points emphasized were (1) the status of implementation of the environmental management system, (2) the feasibility of achieving Environmental Action Plan Stage X, (3) the status of initiatives that regard the environment as a business opportunity, and (4) the status of the response to environmental risks associated with business conversion. There was one finding of a minor defect (non-conformity) and 11 observations (conformity). Of the observation, two were considered to be an effect of the resumption of on-site audits.

External Audits and Results

To maintain our ISO 14001 certification, we are carrying out external audits by a certifying body. In FY 2022, we were audited in Japan by the Japan Audit and Certification Organization for Environment and Quality (JACO). As a result, there were 36 opportunities for improvement and zero findings. We shared information about those opportunities within the Group, and are working to improve our response.

Table: Number of Findings by Audits

	FY 2020 (Japan)	FY 2021 (Japan)	FY 2022(Japan)
Number of findings by internal audits	13	7	12
Number of findings by external audits	0	0	0
Number of opportunities for improvement	52	33	36

Compliance with Environmental Laws

There were no major legal or regulatory violations or accidents with major impact on the environment in the Fujitsu Group during FY 2022.

Environmental Management

Response to Environmental Risks

Environmental Risk Management Structure

The Fujitsu Group built and operates a group-wide risk management system to identify, prevent, and mitigate a variety of potential risks, or prevent their recurrence, including issues related to climate change and environmental pollution. The Risk Management & Compliance Committee, which reports directly to the Board of Directors, has set up regional Risk Management & Compliance Committees, in addition to deploying Risk Management & Compliance Officers to each Fujitsu division and Group company in Japan and overseas, to build a structure where these organizations cooperate with each other to promote risk management and compliance throughout the Fujitsu Group, both in terms of preventing potential risks and responding to risks that have emerged. The Committee identifies, analyzes, and assesses key risks associated with the business activities of each Fujitsu division and Group company in Japan and overseas (focusing on 33 risks considered to be important to the Group), and formulates and reviews the countermeasures for these risks after confirming the status of countermeasures for avoiding, mitigating, transferring, or retaining them. The Committee makes regular reports to the Board of Directors about key risks that have been identified, analyzed and assessed, using methods such as the creation of visualized rankings and maps which take the degree of impact and likelihood of occurrence into account. In addition, we have put response processes into place in the event that risks become tangible, despite the implementation of various measures. Each division and Group company will immediately report to the Risk Management & Compliance Committee about any key risks that become tangible, such as natural disasters, accidents, product accidents or failures, system or service problems, compliance violations such as fraud, information security incidents, or environmental problems.

We also leverage the group's Environmental Management System (EMS), which is based on ISO14001, for minimizing risks to the environment through continuous improvements.

› Risk Management

› Environmental Management System

Efforts to Minimize Risks to the Environment

Dealing with Risks Related to Climate Change

There is a possibility of significant impacts on our business continuity from increases in the frequency and effects of natural disasters as a result of recent climate changes. For that reason, we have formulated a business continuity plan and are devoting effort to continually revising and improving the plan.

In addition to risks such as implementation of stricter regulations for greenhouse gas emissions and a carbon tax, there is demand from customers and society for contribution to carbon neutral. This creates a risk of increasing the energy cost incurred by the Fujitsu Group, as well as the cost required to comply with regulations related to measures for reducing greenhouse gas emissions. Additionally, if climate change countermeasures are insufficient, there is a risk of harm to our corporate reputation or a disadvantage at bidding.

In order to minimize these risks, we are conducting short-term, medium-term and long-term risk analysis/response within our company-wide risk management structure. As the trend toward carbon neutrality in the global community as a measure against climate change, we have obtained net-zero target certification from the Science Based Targets initiative (SBTi). We will further raise the 1.5°C level we acquired in fiscal 2021 and aim for net-zero by FY 2040.

In accordance with the recommendations issued in 2017 by the Task Force on Climate-Related Financial Disclosures (TCFD), the Fujitsu Group analyzes and discloses information related to risks accompanying climate change that may have an impact on business and financial strategies. Refer to the table below for the currently recognized potential major risks and responses.

Risks Associated with the Transition to a Low Carbon Economy, and Our Response to Them

Policy/Legal Risks	● Risks:	Increase in cost in order to respond to the strengthened laws and regulations on greenhouse gas emissions and energy use (such as a carbon tax), and diminished corporate value in the event of a violation.
	○ Response:	Complete compliance with laws and regulations through EMS. Continual reduction of the amount of GHG emissions through steady implementation of Science Based Targets and the Environmental Action Plan.
Technology Risks	● Risk:	Unrecovered investments and market share decline in the event that the company lags behind in a fierce competition in technological developments toward a carbon-free society (such as energy-saving performance and low-carbon services).
	○ Response:	Enhance development of energy-efficient products and energy-efficient enabling technologies, solutions, and services through steady implementation of Science Based Targets and our Environmental Action Plan.
Market Risks	● Risk:	Losing business opportunities if products, solutions, and services do not meet energy-saving performance needs.
	○ Response:	Enhance development of energy-efficient products and energy-efficient enabling technologies, solutions, and services through steady implementation of Science Based Targets and our Environmental Action Plans.
Risks to Reputation	● Risk:	Decline in corporate value and an increase in response costs associated with a negative assessment from stakeholders with regard to the response status of measures to counteract climate change (such as the percentage of renewable energy adoption).
	○ Response:	Enhance measures to counteract climate change and promote reduction of environmental footprint through steady achievement of the group's Science Based Targets and Environmental Action Plan.

Climate Change Related Risks in the Supply Chain, and Our Response to Them

Upstream Supply Chain	● Risk:	A temporary suspension of the suppliers' business activities due to the occurrence of severe natural disasters such as large-scale floods, sudden heavy downpours, and lightning strikes, which affects the procurement of materials.
	○ Response:	Conduct surveys of the business continuity capabilities of suppliers and implement measures to procure materials from multiple sources.
Downstream Supply Chain	● Risk:	Losing business opportunities due to the inability to obtain environmental labelling, which is a green procurement requirement of customers.
	○ Response:	Conduct trend surveys and risk assessments of the environmental labelling scheme. Develop and provide top-level energy-efficient products through steady implementation of Science Based Targets and our Environmental Action Plan.

Assessing and Monitoring of Potential Water Risks

In recent years, due to a tight demand-supply situation in many areas around the world because of water damage—such as flooding—and droughts that are caused by a variety of factors, including population growth and climate change, there is a growing concern that this issue may become a business risk. The Fujitsu Group conducts assessments of and monitors potential water risks for direct operations sites and supply chains.

Specifically, while using tools and databases provided by NGOs and national and local governments, we identify water stress conditions and natural disaster risks in regions where our business sites are located in accordance with RCP 4.5 (intermediate stabilization scenario) from among the emissions scenarios defined by the Intergovernmental Panel on Climate Change (IPCC). We then comprehensively assess the water risk at each site by analyzing how important water use is in the business activities of each operations base, and we confirm the level of compliance in a variety of activities such as the reduction of water intake, measures to reduce pollution in wastewater, business continuity management (BCM) systems, and others. For the supply chain, we also assess our suppliers' flood preparedness and other water risks based on the supply chain BCM surveys, field surveys conducted according to the Responsible Business Alliance's (RBA) code of conduct and the CDP Supply Chain Program. As a result, we have confirmed that there are no significant risks that could substantially affect our business activities.

Physical Climate Risk Adaptation

Fujitsu have risk assessment systems that include Physical Climate risk in place in Japan, Oceania, Europe and cross regional department Global Delivery.

As physical risk is different based on the location, adaption is tailored to that specific location and risk, for example.

Fujitsu Australia and New Zealand has identified the main physical climate risks to our business in the region, which include short term weather events e.g. extreme heat, flooding, storm events, as well as long-term climatic impacts e.g. drought.

Key measures undertaken in Australia and New Zealand to adapt to climate risks have included:

- Extreme heat events
  - Processes to ensure built-in redundancy of critical equipment and reliable operation of uninterruptable power sources in the event of grid-scale outages.
  - Ensuring equipment is designed to tolerate extreme temperatures.
  - Installing temporary cooling equipment (e.g. misting) to reduce ambient temperatures.
- Bushfire
  - Updating site-based procedures to assess business critical activities and evaluate which activities can be performed remotely in the short term.
  - Turning off external air intakes to offices and data centers to limit smoke ingress.
- Drought
  - Deployment and maintenance of rainwater storage tanks at some sites.
  - Use of recycled water where possible.
  - Installing real-time water loggers at all data centers to monitor consumption trends and help inform water usage efficiency projects.
- Other
  - Climate risk (e.g. extreme heat modelling) incorporated into assessment of siting of new data centers

Within Europe the climate risk is different to Oceania and a number of measures to adapt to climate change risk have been undertaken at a cost of over £1million in one London location showing the seriousness that we consider Climate impact and the commitment that we take protecting our continued service.

- Installing the infrastructure to enable the local water authority pumping equipment to use our data centers Uninterruptable Power Supply (UPS) in the event of a flood
- Dredging the local lagoon to help it act as a water sink

Other examples of adaption based on Physical climate risk in specific locations

- Philippines, the Business Continuity Planning includes natural disaster events such a typhoons and monsoons and other extreme weather events
- Malaysia – Natural Disaster Prevention guidelines provides emergency contact details and advice for employees with their safety prevalent

Another example off adaption is the modernisation and cocreation of the Flood Warning System (working with the UK Environment Agency). A system that can issue flood warnings to citizens within 20 minutes. The flood warning service hosts more than 1.5 million registered properties, 2.9 million telephone numbers, 180,000 email addresses and 1.5 million registrations for mobile text alerts. Since its launch the flood warning system has sent more than 7 million messages across email, text, telephone and social media.

❯ Co-creating a flood warning system to alert citizens faster

Switching Mechanism to enable Fujitsu Datacenter UPS to power local water pumps in the event of a flood (United Kingdom)

Dredging of a lagoon to act as a water basin (United Kingdom)

Datacenter emergency access via lagoon preserving biodiversity (United Kingdom)

Flooding Damage Impact Assessments Through Hazard Maps and Measures Against Flooding

Fujitsu and its domestic Group companies conduct impact assessments of flooding damage according to a rainfall scale with two types, depending on the magnitude of the impact on our business, as follows. We identify and assign rankings to business sites which will be highly impacted. If a business site falls under a level 4 impact ranking, we implement various measures.

[Assessment 1   Planned scale (Rainfall on a scale that occurs about once every 10-100 years)]
- Assessment subjects: 169 sites for Fujitsu, 280 sites for Group companies All owned properties and major leased properties (such as sales offices and data centers) in the Fujitsu Group
- Assessment method: We assess whether or not the site falls within the "estimated flood inundation area (planned scale)" for nearby rivers as established by the Ministry of Land, Infrastructure, Transport and Tourism or the prefectural government, as well as the extent of the impact within and outside the site and the impact of flooding on buildings.
  We rank sites that were assessed as being impacted by flooding on a scale of 1 (minor impact) to 4 (major impact).

[Assessment 2   Assumed maximum scale (Rainfall on a scale that occurs about once every 1000 years)]
- Assessment subjects: Domestic data centers and business sites that will be heavily impacted by flooding (such as Fujitsu Solution Square (SS) and the Kawasaki factory)
- Assessment method: We conduct reassessments by upgrading the criteria to "estimated flood inundation area (assumed maximum scale)," and rank the sites on a four-point scale.

[Results for Assessment 1 and Assessment 2   *Only sites with an impact rank of 4 are shown below.]

	Sites	Assessment 1 (Assessment on a planned scale)	Assessment 2 (Assessment on an assumed maximum scale)	Final impact
Fujitsu	Fujitsu SS	Impact rank 4	Impact rank 4	Impact rank 4
Fujitsu	Kawasaki factory	No impact	Impact rank 4	Impact rank 4
Group companies	No sites which fall under impact rank 4			

[Major Measures]

(a) Retaining walls and embankments

(b) Sliding gates

(a) Removable watertight panels

(b) Gates that can be raised and lowered

Fujitsu SS: The site perimeter is protected by retaining walls and watertight panels

Kawasaki factory: Perimeter entrances and exits are protected by watertight panels

Preventing Water Pollution

In order to preserve the water quality of surrounding waterways, including rivers, groundwater and sewers, we have set voluntary controls that are even tougher than legal mandates, and conduct measurement and monitoring on a regular basis. We recover and recycle chemicals used in production processes, instead of discharging them into wastewater. We are also working to properly manage and reduce discharge of harmful substances and other regulated substances (COD, BOD, etc.) by ensuring appropriate chemical use, preventing chemical leaks and penetration, and properly managing the operations of water treatment and purification facilities, among other measures.

Preventing Air Pollution

We have set voluntary control values that are more stringent than legally mandated emissions standards in order to prevent air pollution and limit acid rain. Regular measurement and monitoring are conducted based on these controls. Efforts are also made to appropriately process dust and soot, sulfur oxide, nitrogen oxide, and other harmful substances, and reduce emissions through measures including combustion management at facilities that produce soot and smoke, use of fuels with low sulfur content, and managing the operations of exhaust gas processing equipment. Furthermore, we have installed activated carbon adsorption treatment equipment and are reducing our atmospheric emissions of organic solvent vapors containing substances like VOCs. Moreover, with the enactment in April 2015 of the Act on Rational Use and Proper Management of Fluorocarbons, we have set in-house stipulations and striven for proper management of specified products (commercial refrigerators and air conditioners containing fluorocarbon refrigerants) while working to identify the volume of our fluorocarbon leakage.

In addition, emission of dioxins has been prevented by suspending use of all in-house incineration facilities as of January 2000.

Preventing Destruction of the Ozone Layer

Since fluorocarbons not only destroy the ozone layer but also cause global warming, we have totally eliminated the use of ozone-depleting substances in manufacturing processes (parts cleaning and solvents) by introducing precision water cleaning systems and no-clean soldering technology. On the other hand, with regard to fluorocarbons for refrigerants used in air conditioning facilities (freezers, etc.), we are switching to non-fluorocarbons when equipment is renewed, and are working to appropriately manage and dispose of Class I specified products in accordance with the Fluorocarbons Emission Control Act.

In addition, the annual confirmation of the amount of leakage in the calculation of fluorocarbons indicates that it is less than 1,000 t-CO_2 (not subject to reporting to the minister in charge) for FY 2022.

Results for complete elimination of ozone-depleting substances	
Ozone-depleting substances	**Time of complete elimination**
Washing chlorofluorocarbons (CFC-113, CFC-115)	End of 1992
Carbon tetrachloride	End of 1992
1,1,1-trichloroethane	End of October 1994
Alternative chlorofluorocarbons (HCFCs)	End of March 1999

Preventing Pollution of Soil and Groundwater

We have established rules for soil and groundwater surveys, measures and disclosures. We review these in accordance with changes in the law and social circumstances and respond based on these rules. We systematically examine soil and groundwater, based on the rules, and if pollution is confirmed, we carry out cleanup and countermeasures at each plant according to the situation, while working together with government authorities to disclose information.

As of FY 2021, there are four business sites where soil and groundwater pollution from prior business activities have been confirmed. At those business sites, we have installed observation wells to observe effects outside the site due to groundwater pollution, while also working on purification measures through water-pumping aeration, etc.

Monitor Impact of Groundwater Pollution on Areas Outside of Premises*

(1) Survey materials

History available

(2) Conduct planned survey   (3) Establish/monitor observation well

Pollution exists

(4) Report to administrative agency, implement pollution countermeasures

(5) Publish information
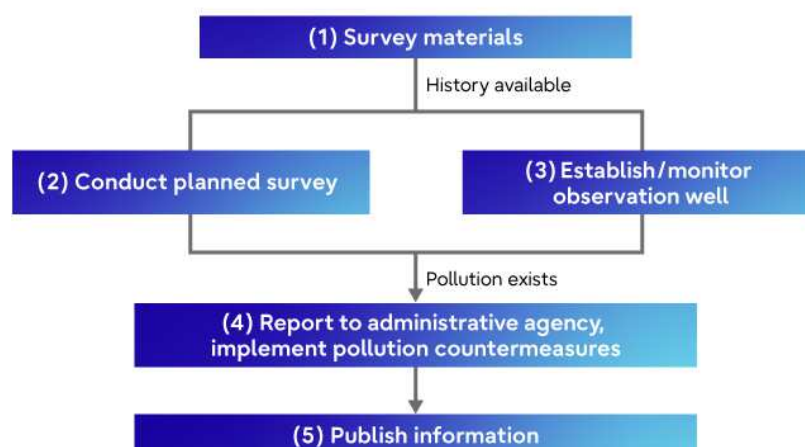
*Monitor impact of groundwater pollution on areas outside of premises, which is the greatest risk of soil/groundwater water pollution

Business Sites Where Soil or Groundwater Contamination Has Been Found

Site Name	Location	Cleanup and Measure Execution Status	Maximum Value Found at Observation Well (mg/L)		Regulated Level (mg/L)
			Substance	Measured Value	
Kawasaki Plant	Kawasaki City, Kanagawa Prefecture	We are continuing to clean up VOCs by pumping and aeration.	1, 2-dichloroethylene	2.4	0.04
			Chloroethylene	6.8	0.002
Oyama Plant	Oyama City, Tochigi Prefecture	We are continuing to clean up VOCs by pumping and aeration.	Trichloroethylene	0.58	0.01
			1, 2-dichloroethylene	3.8	0.04
			Chloroethylene	1.6	0.002
Nagano Plant	Nagano City, Nagano Prefecture	We are continuing to clean up VOCs by pumping and aeration.	Chloroethylene	0.033	0.002
FDK Washizu Plant	Kosai City, Shizuoka Prefecture	We are continuing to clean up VOCs by pumping and aeration.	Tetrachloroethylene	0.033	0.01
			Trichloroethylene	0.34	0.01
			1, 2-dichloroethylene	0.61	0.04
			Chloroethylene	0.015	0.002

Chemical Substance Control

To prevent pollution of the natural environment or damage to health due to the use of harmful chemical substances, we are controlling the use of some 1,300 substances using our original Chemical Information System called "FACE" and working to appropriately control and reduce emissions at our business sites.

> Fujitsu Group Environmental Action Plan (Stage IX): Reducing Chemical Substances Emissions

With regard to chemical substances included in products, we have determined banned substances according to regulations in Japan and worldwide and are working to thoroughly control them, not only inside the Group but also with business partners who deliver materials and products to us.

> Green Procurement

Appropriately Processing Waste

In accordance with the Act on Waste Management and Public Cleansing, we appropriately store and manage waste generated from our business sites, select waste disposal companies that can properly dispose of waste, and outsource disposal. Also, we regularly carry out on-site audits in order to confirm that subcontractors are appropriately handling the waste processing tasks we entrust to them. As part of our efforts to reduce waste, we are promoting the reuse of certain plastic trays in cooperation with a vendor that is working to reuse plastic trays and convert them into recyclable materials.

Environmental Liabilities

In properly assessing the Fujitsu Group's expected future environmental liabilities, and communicating our integrity and corporate stance of not deferring our liabilities, we have recorded liabilities of 2.25 billion yen in soil pollution cleanup costs, high-level polychlorinated biphenyl (PCB) waste disposal costs, and asbestos processing costs during facilities demolition, which is the amount we calculate, as of the end of FY 2021, to be necessary for the Fujitsu Group to conduct these tasks domestically in the next fiscal year and beyond.

Conserving Biodiversity

In recent years, risks involving the natural environment have been recognized as serious global risks. This necessitates the disclosure of relevant information disclosure by companies, and toward this end, the Task Force on Nature-related Financial Disclosures (TNFD) is considering an information disclosure framework.

If the Fujitsu Group fails to appropriately respond to information disclosure in accordance with the TNFD, its corporate reputation may decline and its ability to procure funds may be affected. Going forward, we will provide disclosures in line with the TNFD framework.

Environmental Management

Green Procurement

We are implementing green procurement alongside our business partners, to provide customers with products and services that have light environmental footprints.

Procurement Activities Based on Green Procurement Direction

The Fujitsu Group summarized its requirements for business partners regarding the purchase of green parts, materials, and products, in the "Fujitsu Group Green Procurement Direction." This standard is posted on a multilingual basis (in three languages) in order to promote penetration to our business partners. We make an effort to communicate by various means, such as briefing sessions or individual meetings if necessary. Through such activities, the Group implements green procurement activities in conjunction with its partners in Japan and overseas and it promotes procurement from business partners that fulfill the green procurement requirements (see below).

Using the Fujitsu Group Environmental Survey Sheet, we conduct annual monitoring of our business partners' statuses with regard to environmental management systems, CO_2 emission reduction, biodiversity preservation, and water resource preservation activities, and ask them to take appropriate measures. When making requests, we provide them with various kinds of information—such as guidance on activities to reduce CO_2 emissions, explanatory documents related to water risk, and the water risk information tool AQUEDUCT—which have been useful for our business partners.

> ❯ [Fujitsu Group Green Procurement Direction](#)

Green procurement requirements for business partners

Requirement	Business partners (materials/parts)(*1)	Business partners (non-materials/parts)
1. Establishment of environmental management systems (EMS)	✔	✔
2. Compliance with regulations for Fujitsu Group specified chemical substances	✔	—
3. Establishment of chemical substance management systems (CMS)	✔	—
4. CO_2 emission control/reduction initiatives	✔	✔
5. Biodiversity preservation initiatives	✔	✔
6. Water resource preservation initiatives	✔	✔

(*1) Business partners (materials/parts):
Business partners that supply components for Fujitsu Group products or OEM/ODM products

Establishment of Environmental Management Systems

We request our business partners to establish environmental management systems (EMS)(*2) as a base for ensuring that they independently and continuously improve their environmental-preservation activities. In general, we prefer them to have third party-certified EMS. If this is not possible, we ask them to build EMS incorporating the PDCA cycle suited to their circumstances.

(*2) EMS: Environmental management systems.

CO_2 Emission Reduction Initiatives

The Fujitsu Group also asks our business partners to work toward CO_2 emission reduction in hopes of addressing climate change.

Specifically, we ask them to clearly express the intentions of their initiatives and request that they make efforts to achieve the objectives they set. We also ask them to collaborate with external organizations, where possible, and encourage their own suppliers to make similar efforts, in order to expand the initiatives outside their respective businesses. Our annual Supply Chain Business Continuity Survey gives us a clear picture of how business partners are responding to a variety of climate-change risks, including tsunamis, floods, and torrential rains.

Moreover, as a new initiative, we are asking our main suppliers to establish a CO_2 reduction target based on the international standard of Science Based Targets (SBT) as we strive to further reduce global warming.

Water Resource Conservation Initiatives

As populations grow rapidly and water sources become progressively more contaminated, the increased need for water around the world, as well as water resource scarcity, has become an international challenge. Water resource conservation initiatives are necessary, even in business activities. The Fujitsu Group asks its business partners to investigate and understand the water risks associated with their own companies, and engage in water resource conservation initiatives, such as preventing water pollution and reducing water use.

Acquiring and Managing Information on Chemical Substances Contained in Products

Countries around the world are establishing legal regulations as to the chemical substances contained in products, for instance the RoHS directive (*3) and the REACH regulation (*4). The scope of such regulations is expanding on an almost day-to-day basis, covering more and more substances, products, and applications.

The Fujitsu Group, using chemSHERPA (*5) as its standard format, investigates and acquires information on the chemical substances contained in our products. We share our findings with Group companies via our internal system, and allow relevant parties to access the information whenever necessary. We have established a system that allows for quick adaptation to revisions of laws/regulations and the enactment of new legal systems.

(*3)   RoHS directive: Directive on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment

(*4)   REACH regulation: Regulation for Registration, Evaluation, Authorization, and Restriction of Chemicals

(*5)   chemSHERPA: Chemical Information Sharing and Exchange under Reporting Partnership in Supply Chain

Establishing a Chemical substance Management System (CMS) for Product Substances

The Fujitsu Group not only asks business partners for information on chemical substances contained in their products; we also ask them to establish a Chemical substances Management System (CMS), based on the industry-standard JAMP (*6) guidelines on the management of chemical substances contained in products. Doing so enables the Group to comply even more thoroughly with laws and regulations related to the chemical substances contained in our products.

The Group also carries out CMS audits in order to confirm appropriate establishment and operation of such CMS. More specifically, Fujitsu's auditors implement on-site evaluation of the management status of the chemical substances contained in our business partners' products. If there are any inadequacies, auditors make requests for corrections and provide support for their enactment. Even after the establishment of CMS, we maintain awareness of its operation status through periodic audits.

(*6)   JAMP: Joint Article Management Promotion-Consortium.

Environmental Training and Awareness Activities for Employees

The Fujitsu Group conducts various environmental education and awareness activities based on the belief that "Greater environmental awareness and proactive efforts among all employees are essential for pursuing environmental management."

Comprehensive Environmental Training

We offer environmental e-Learning opportunities for all employees through programs in our company-wide training system to promote a basic understanding of environmental management. Training is also conducted on a per-division basis. Specialized trainings such as internal auditor training and training for those in charge of waste practices are also conducted for employees who are in charge of environment-related tasks.

Fujitsu's Environmental Training Scheme

	New hires	Employees	Managers	Top management
General training	Environmental e-learning			
Specialized training Note: Only relevant persons attend sessions	Function-specific training (ad-hoc)			
	Internal auditor training			
	Waste management officer training			
Awareness	Seminars, workshops, etc.			
	Sustainability contribution awards			
	Communication through the Internet and social media			

Environmental e-Learning

We offer educational opportunities for employees to comprehensively learn about global trends relating to the environment, the environmental management of the Fujitsu Group, and the role played by each employee, based on the theme of "Environmental Management of the Fujitsu Group and Role of Each Individual Employee" This education is positioned as providing fundamental knowledge that all Fujitsu employees should have under the company-wide employee training system.

<Images of Environmental e-Learning material>
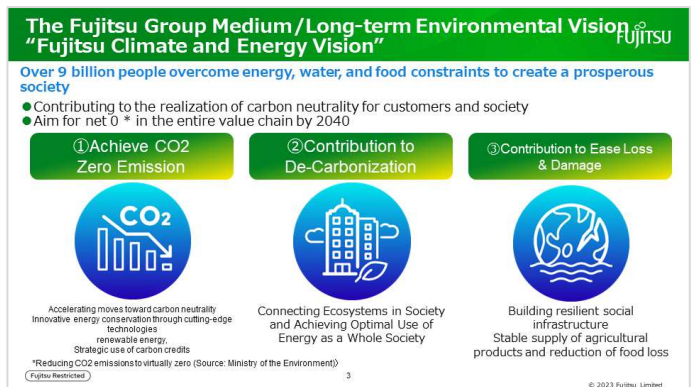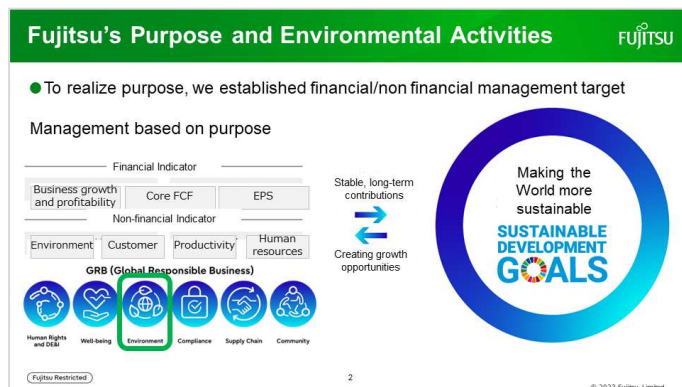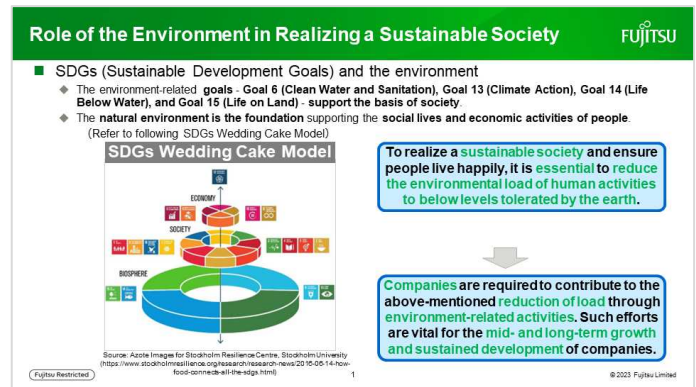
The Fujitsu Group Environmental Vision "Fujitsu Climate and Energy Vision"

The Fujitsu Group has reassessed its social role in light of the escalating global commitment to achieving carbon neutrality. The Group has elected to fast-track its previous commitment to achieve "zero CO_2 emissions within the Group by FY2050", instead bringing forward its Vision by 20 years to FY2030. The Group has set the additional target of reaching net-zero greenhouse gas emissions (*1) throughout the value chain by 2040.

*1 Net-zero greenhouse gas emissions: Reducing greenhouse gas emissions by at least 90% in the target year in comparison to the base year, and re-absorbing remaining emissions (of 10% or less) from the atmosphere through direct air capture (DAC) technologies or by planting trees.

The Importance of Responding to Climate Change

The Intergovernmental Panel on Climate Change (IPCC) Special Report "Global Warming of 1.5°C" articulated the need to limit warming to 1.5 °C above pre-industrial levels and to achieve carbon neutrality by 2050. With social roles expanding and additional demands placed on companies to tackle climate change, in October 2021 the Science Based Target Initiative (SBTi) (*2) launched the world's first Net-Zero Standard for companies to set net-zero strategies.

In order to resolve issues related to climate change, the Fujitsu Group decided to revise the Group's previous commitment to "zero CO_2 emissions by 2050", pursuing instead a more ambitious strategy than simply net-zero. This requires the Group to look beyond social trends and become the very embodiment of a leading SX company, one that drives the achievement of carbon neutrality.

The new vision comprises three pillars, namely, Value chain: Achieve net-zero emissions, Mitigation: Contribute to a carbon-neutral society, and Adaptation: Contribute to climate change adaptation measures. The Fujitsu Group will be quick to leverage advanced DX technologies to tackle its own net-zero strategies, and will make the resulting expertise available as Fujitsu Group solutions for customers and society. In so doing, the Group aims to leverage its own business activities to contribute to climate change mitigation and adaptation

*2 Science Based Target Initiative (SBTi): An initiative jointly established by the United Nations Global Compact, the World Resources Institute (WRI), and other organizations in 2015. It encourages companies to set GHG emission reduction targets consistent with science-based evidence to the level required by the Paris Agreement, validating targets that comply with criteria including indirect emissions not only within the company but also in the supply chain.

Concept

Value chain: Achieve Net-zero Emissions

Mitigation: Contribute to a Carbon-Neutral Society

Adaptation: Contribute to Climate Change Adaptation Measures

Three pillars of the Fujitsu Climate and Energy Vision

Achieving Net-zero Emissions in the Fujitsu Group Value Chain

In August 2017, the Fujitsu Group's 2 °C-aligned greenhouse gas emission reduction target earned its SBTi certification. In April 2021, the Group obtained certification for its 1.5 °C ambition level (*3) which increased the target from 33% reduction in emissions to 71.4% throughout its business sites by FY2030, against a baseline of FY2013.

To accelerate the move toward carbon neutrality, the Group set a new target to achieve net-zero emissions from the Group's business activities by FY2030, and from the entire value chain by FY2040, thus earning Net-Zero Target certification from SBTi in June 2023.

*3 1.5°C: According to a report by the Intergovernmental Panel on Climate Change (IPCC), a 1.5 °C increase in average temperature increases the risks of extreme weather, sea level rise, adverse health effects, food shortages, and water scarcity. The United Nations Framework Convention on Climate Change Conference of the Parties (COP) states that the increase in the global average temperature shall be limited to less than 1.5 degrees Celsius above pre-industrial levels in order to avoid the worst effects of climate change.
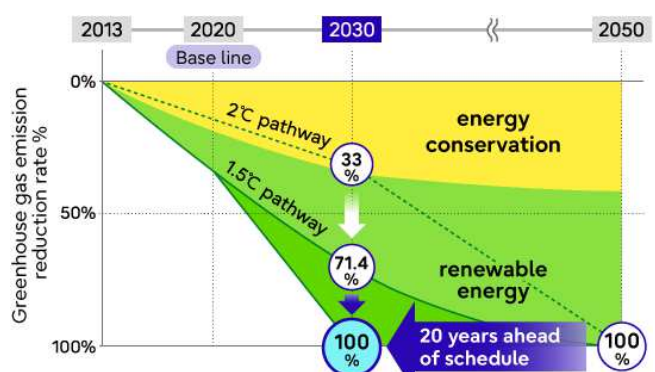
Emission reduction of Fujitsu Group (Scope 1 and 2)　　　Emission reduction throughout the value chain (Scope 3)
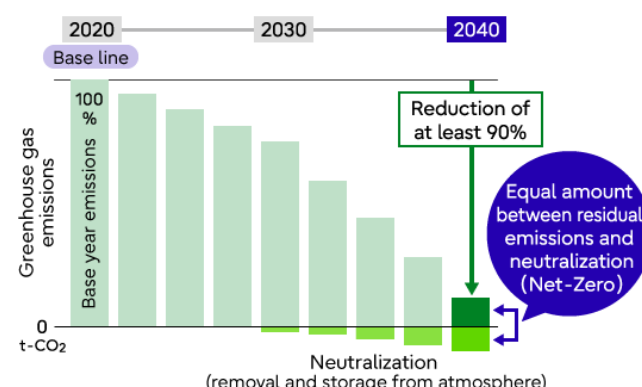
Roadmap to Net-Zero

Contributing to a Carbon-neutral Society

The Fujitsu Group contributes to the decarbonization of society by creating ecosystems with customers in a variety of industries and business types. The key to mitigating climate change is to use AI and other advanced digital technologies to optimize energy efficiency. By building such technologies into a framework that transcends business, industry, and regional boundaries, the Group will achieve optimal utilization of energy throughout all systems in society.

Contributing to Climate Change Adaptation Measures

The key to adapting to climate change is advanced forecasting technology that uses simulations, AI and big data, enabled through sensing technologies and high-performance computing (HPC). Fujitsu will utilize these to create solutions that lead to resilient societal infrastructure as well as stable supply of agricultural crops and minimal food loss, thereby contributing to minimizing the harm that climate change causes to our customers and to society.

Environmental Vision

Environmental Targets

The Fujitsu Group participates in the following initiatives with the aim of making the Fujitsu Climate and Energy Vision—its medium- to long-term environmental vision—a reality.

Net-Zero Target Certification Gained from Science Based Targets (SBTi)

In August 2017, the greenhouse gas (GHG) emission reduction targets set by the Fujitsu Group for emissions from its business facilities and value chain was approved by the Science Based Targets initiative (SBTi) as meeting the science-based level of ambition criteria. The SBTi was established in 2015 jointly by a number of organizations, including the World Resources Institute (WRI) and UN Global Compact. It encourages companies to set GHG emission reduction targets consistent with science-based evidence to the level required by the Paris Agreement, with the aim of limiting the global average temperature increase caused by climate change to 1.5 degrees above pre-industrial levels.

In April 2021, we updated our target to 71.4% and received acknowledgment of our 1.5 ℃-aligned strategy from SBTi.

We have now decided to further advance our existing target and aim for net-zero by FY2040. In June 2023, we received Net-Zero Target certification from the SBTi.

Net-Zero Target

- To reduce GHG emissions at our business sites (Scope 1, 2) and from the entire value chain (Scope 3) by at least 90% by FY2040 against a baseline of FY2020. (*1)

  *1 Less than 10% of residual emissions are removed and stored by technologies that directly capture CO_2 from the atmosphere or through absorption by afforestation and other means.

Joining RE100 as Japan's First Gold Member

In July 2018, the Fujitsu Group became Japan's first Gold Member of RE100, an initiative which aims to significantly expand the adoption of renewable energy on a global scale. At the time, the Fujitsu Group pledged to use renewables to provide at least 40% of the electricity consumed across all global sites by 2030, and 100% by 2050.

RE100 is an initiative led by international NGO The Climate Group in partnership with CDP and consists of companies committed to source 100% of their electricity requirements from renewable sources.

With the intention of accelerating its efforts toward carbon neutrality, the Group has since brought forward its previous target date for 100% renewable electricity, shaving off 20 years to achieve 100% by 2030 instead of 2050. To achieve this target, the Group will continue to roll out activities based on the corporate action plan.

The Fujitsu Group will expand its procurement of renewably sourced electricity for data centers outside Japan and other locations in Japan and around the globe by considering the most appropriate means for each region. The Group will concurrently continue its work on R&D and technology trials for energy management and storage, and contribute to the spread of renewable energy in society as a whole.

Environmental Vision

TCFD-Based Information Disclosure

The Task Force on Climate-Related Financial Disclosures (TCFD) was established by the Financial Stability Board at the request of the G20 with the objective of reducing the risk of instability in financial markets due to climate change. The task force announced its recommendations in June 2017, asking companies and organizations to identify and disclose the risks and opportunities arising from climate change. The Fujitsu Group announced its support for the TCFD recommendations in April 2019 and is making every effort to disclose information in line with those recommendations to investors and other stakeholders. Disclosures are provided via media such as financial statements, CDP (*1) questionnaires, the Integrated Report, and websites.

*1 CDP: An international nonprofit organization that conducts environmental surveys of more than 18,700 companies worldwide and acts on behalf of institutional investors with a combined US$130 trillion in assets. (As of August 2023).

Item		Response status	Reference
Governance	Oversight structure under the Board of Directors for climate-related risks and opportunities	• In the Fujitsu Group, the Sustainability Management Committee shares the risks and opportunities arising from climate change, deliberates on medium- to long-term issues, and formulates policy. It also reports on the results of these activities to the Board of Directors at meetings of the Executive Management Council. In October 2021, the results of analysis using multiple climate change scenarios, including limiting global warming to 1.5°C, were reported on and discussed by the Sustainability Management Committee. • The Risk Management & Compliance Committee regularly reports to the Board of Directors on the most serious risks identified for the group as a whole, including climate risks. The Fujitsu Group has also developed an environmental management system (EMS) based on the ISO 14001 standard. The results of EMS activities are reported to the Board of Directors at meetings of the Executive Management Council.	• Sustainability Management in the Fujitsu Group • Corporate Governance • Environmental Management Systems • Risk Management
	Role of management in assessing and managing climate-related risks and opportunities	• Fujitsu's CEO, in the role of Chair of the Sustainability Management Committee and the Risk Management & Compliance Committee, bears ultimate responsibility for all decisions made and all business conducted. The Board of Directors are responsible for oversight based on reports received from the Executive Management Council. The Chief Sustainability Officer (CSuO) bears the highest level of responsibility for sustainability, and in that role proposes reforms to the Board of Directors and to senior management and conducts business that relates to sustainability. • As of FY2022, ESG indicators that include consideration of climate change issues were added to the evaluation indicators for bonuses paid to Executive Directors.	

Strategy	Short-, medium- to long-term climate-related risks and opportunities	• Based on analyses of climate change scenarios, the Fujitsu Group identifies the risks and opportunities relating to climate change and considers and promotes appropriate responses. Developing services and IT products that contribute to climate change mitigation and adaptation offers opportunities for increased sales, while factors such as physical and regulatory risks have an impact on the operating costs of Fujitsu's operations and supply chain.	
	Impacts on business, strategy, and financial planning	**Major risks** — Stronger regulation (carbon tax, etc.), Stronger competition in low-carbon technologies, Insufficient responses to customer needs ▶ **Risk responses** — Ongoing reductions in greenhouse gas emissions, Increased use of renewable energy, Information disclosure aimed at ensuring transparency in climate change strategy, etc. **Major opportunities** — Supplying products/services to tackle climate change, Proposing new uses of digital technology, etc. ▶ **Opportunity responses** — Services for climate change mitigation/adaptation (CO$_2$ emissions calculation, visualization, etc.), Energy-efficient products (HPC, 5G virtualization base stations, etc.) Note: See the CDP responses (C 2.3, 2.4) for details.	• Response to Environmental Risks • The Fujitsu Group Medium/Long-term Environmental Vision
	Resilience of the organization's strategy, taking into consideration different climate-related scenarios, including a 2°C or lower scenario	• In 2021, the Fujitsu Group conducted scenario analyses out to 2050 using 1.5°C and 4°C scenarios, focusing on businesses likely to be impacted by climate change. • As a result of our analysis with respect to Fujitsu's risk responses and its ability to seize opportunities by helping customers to resolve issues, our assessment showed that Fujitsu's business strategy was resilient in the medium- to long-term.	
Risk Management	Climate-related risk identification and assessment process	• Group-wide risk management is conducted by the Risk Management & Compliance Committee. This committee conducts matrix analysis of the results of the risk assessments by each department in terms of impact and likelihood of occurrence. It then identifies and assesses those risks and reports its findings to the Board of Directors.	• Response to Environmental Risks • Environmental Management Systems • Risk Management
	Climate-related risk management process	• Fujitsu monitors risks using environmental management systems that are based on the ISO14001 standard. The Sustainability Management Committee is responsible for managing the progress of climate change measures.	
	Status of integration with organization-wide risk management	• The Risk Management & Compliance Committee identifies and assesses risk for the entire company, including climate change risk. It collaborates with the Sustainability Management Committee to identify, analyze, and assess risks, and then formulates and implements recurrence prevention measures.	
Metrics and Targets	Metrics used by the organization to assess climate-related risks and opportunities in line with its strategy and risk management process	• The Fujitsu Group recognizes the importance of reducing greenhouse gas (GHG) emissions and adopting renewable energy sources in addressing climate-related risks. We also believe that the deployment of innovative energy-saving technologies implemented by our company will lead to the acquisition of climate-related opportunities. We therefore use our GHG emissions and our rate of renewable energy adoption as indicators. We have set SBTi certification and RE100 targets as medium- to long-term goals and established the "Environmental Action Plan" for short-term goals. We are monitoring those indicators, managing the progress of our strategies, and conducting risk management.	• The Fujitsu Group Medium/Long-term Environmental Vision • Fujitsu Group Environmental Action Plan

GHG emissions

Item	GHG Emissions Performance (FY2022)
Scope 1	65 ktons-CO_2
Scope 2 (Location-based)	476 ktons-CO_2
Scope 2 (Market-based)	341 ktons-CO_2
Scope 3 (Category 1)	1,361 ktons-CO_2 ★
Scope 3 (Category 11)	3,693 ktons-CO_2 ★

GHG emissions for Scope 1, 2, and 3

Climate-related targets & performance

Targets used by the organization to manage climate-related risks and opportunities and performance against targets

Item		Targets		Performance (FY2022)
Reducing the volume of our own GHG emissions[*1]	Medium-term	100% reduction by 2030[*2]	SBT net-zero certification	34% reduction
Reducing the volume of the value chains' GHG emissions[*3]	Long-term	90% reduction by 2040		4% reduction
Renewable energy adoption rate	Medium-term	100% adoption by 2030	RE100 membership	30.0%★ adoption

[*1]: vs. 2020   [*2]: Scope 1 + Scope 2   [*3]: Scope 1, 2 and 3

Governance

The Fujitsu Group has established a Sustainability Management Committee, chaired by the CEO. This committee examines medium- to long-term issues, formulates policy, shares the business risks and opportunities of climate change and decides how to address those risks and opportunities, and manages the company's progress. It also reports on the results of its activities to the Board of Directors at meetings of the Executive Management Council. In October 2020, the committee made a key decision by revising the Fujitsu Group GHG reduction target (SBT) from 2.0°C to 1.5°C. In April 2021, the new target was validated as 1.5°C-aligned to the SBTi. In October 2021, the results of scenario analyses using two external scenarios, one for 1.5°C and the other for 4°C, were reported to the Sustainability Management Committee. The findings prompted lively discussion among the committee members on topics such as the need to discuss management strategies, the selection of key solutions, and the measurement of impacts once solutions are provided.

Within the company-wide risk management regime and with oversight by the Board of Directors, the Risk Management & Compliance Committee, chaired by the CEO, conducts risk analysis and implements responses for the entire Group, including on issues relating to climate change. This committee is also the ultimate decision-making body for risk management and reports regularly to the Board of Directors regarding major risks that have been identified, analyzed, and assessed. The Fujitsu Group has also developed environmental management systems (EMS) based on the ISO 14001 standard, and the results of EMS activities are reported to the Board of Directors at meetings of the Executive Management Council.

To further strengthen governance relating to climate change, in April 2022 we added ESG-related third-party evaluations (DJSI(*2)) and CDP climate change program(*3) as assessment indices for the bonuses paid to Executive Directors. As of FY2022, these indices will apply to their bonuses. (Executive compensation consists of base compensation, bonuses, and performance-linked stock compensation.).

*2 Dow Jones Sustainability Index (DJSI): This is a share index published by S&P Dow Jones of the United States that analyzes companies with respect to their corporate economic, environmental, and social performance, and selects companies with superior corporate sustainability.

*3 CDP climate change program: A program run by CDP to survey and assess corporate climate change initiatives and publish the results of those surveys.

Strategy

Climate Change Risks and Opportunities

We have identified the risks and opportunities of climate change for the Fujitsu Group, and considered our responses, by analyzing the business impacts of climate change using external scenarios for 2°C of global warming in FY2018, and for warming of 1.5°C and 4°C in FY2021. Our aim is to address the transitional and physical risks that negatively impact Fujitsu operations and supply chains, and to identify the climate-related risks faced by customers so that we can better make proposals that create value and grasp the business opportunities on offer.

Risks

Risk type		Term	Details	Key responses
Transition	Policy/Regulation	Short- to long-term	• Increased costs due to stronger laws and regulations relating to greenhouse gas emissions and energy use (carbon taxes, energy-saving policies, etc.) • Risk of lost corporate value if such laws or regulations are violated	• Ongoing reductions in greenhouse gas emissions (increased use of renewable energy, comprehensive energy savings) • Strict compliance with laws and regulations through EMS
	Market	Medium- to long-term	• Surging electricity prices with the shift to a carbon-neutral world (widespread electrification, etc.)	• Reduced electricity consumption by formulating internal company standards and developing innovative technology, etc.
	Technology	Medium- to long-term	• Risk of missing out on business opportunities if we fall behind in fiercely competitive technology development (energy savings, low-carbon services, etc.) and cannot meet market needs	• Promote innovation and develop products/services that address customers' climate change issues
	Reputation	Short- to long-term	• Increased cost of responding to demands from stakeholders (investors, customers, etc.) • Negative impacts on ratings and sales due to delays in responding to external demands	• Formulation and promotion of our Medium/Long-term Environmental Vision and Environmental Action Plan • Proactive information disclosure to ensure transparency in our climate change strategy
Physical (Natural disasters etc.)	Chronic/Acute	Short- to long-term	• Increased cost of responding to changing rainfall/weather patterns, higher average temperatures, higher sea levels, droughts, etc. • Increased recovery costs when operations, including supply chains, stop due to increasingly severe abnormal weather events	• Implement measures such as greater multi-sourcing, stronger BCP measures, and conducting surveys of suppliers' business continuity systems • Assess potential water risks and undertake monitoring

Opportunities

Opportunity type	Term	Details	Key responses
Products/services	Short- to long-term	• Increased sales by developing and supplying products and services that are highly energy-efficient	• Development and supply of high-performance, energy-saving 5G virtualization base stations, high-performance, low-energy supercomputers, etc.
Market	Short- to long-term	• Seizing new market opportunities for climate change solutions created using ICT	• Development and supply of measures to calculate and visualize CO_2 emissions in supply chains and more efficiently search for new materials in the shift to zero emissions
Resilience	Short- to long-term	• Increased sales through new products and services for resilience enhancement	• Development and supply of disaster prevention information systems and AI predictive water management systems to forecast river levels during floods

Scenario Analysis

Premise

In FY2021, the Fujitsu Group conducted scenario analyses out to 2050 using scenarios for 1.5°C and 4°C of global warming. The analyses studied businesses likely to be impacted by climate change in the following areas: Sustainable Manufacturing (sectors studied: petrochemicals, automotive, foods, electronic device-related businesses), Trusted Society (sectors studied: public sector, transportation, energy-related businesses), and Hybrid IT (sector studied: datacenter-related businesses).

Scenario selection	• 1.5°C, 4°C scenarios *Established with reference to information published by the IPCC, the IEA, governance agencies such as the Ministry of the Environment and the Japan Meteorological Agency, and various private research organizations. For the main reference scenarios, RCP 8.5 and RCP 2.6 are used as physical scenarios, and IEA NZE 2050 (Net Zero Emissions by 2050 Scenario) and IEA STEPS (Stated Policies Scenario) are used as transition scenarios.
Target businesses	Opportunity-focused analysis: Addressing climate-related risk in client industries • Sustainable Manufacturing (sectors studied: petrochemicals, automotive, foods, electronic device-related businesses) • Trusted Society (sectors studied: public sector, transportation, energy-related businesses) Analysis of both risks and opportunities: Addressing climate-related risk in Fujitsu businesses and client industries • Hybrid IT (sector studied: datacenter-related businesses)
Period covered	• 2050

Analysis steps & details

The analysis was conducted in 4 steps: assessment of risk severity, definition of scenarios, evaluation of impacts on business, and discussion of countermeasures.

We began by organizing the risks and opportunities for the target businesses based on data such as the TCFD recommendations and external reports. We also conducted workshops to look at the qualitative aspects of business impacts stemming from each risk and opportunity item from the perspectives of Fujitsu and industry generally. We rated the severity of each risk or opportunity as "High", "Medium" or "Low". We then considered the future changes in each of the items classified as having a "High" severity and defined our scenarios using data from agencies such as the IPCC, IEA, and the Ministry of the Environment, together with the evidence provided in various reports. Specifically, we held an executive input session to consider global outlooks for 2050 given temperature rises of 1.5°C and 4°C, and then went on to consider the global outlook for each of the target industries, using tools such as Five Forces analysis. (See below for the 1.5°C global outlook.)

Global outlook of a 1.5°C "carbon-neutral world in 2050"
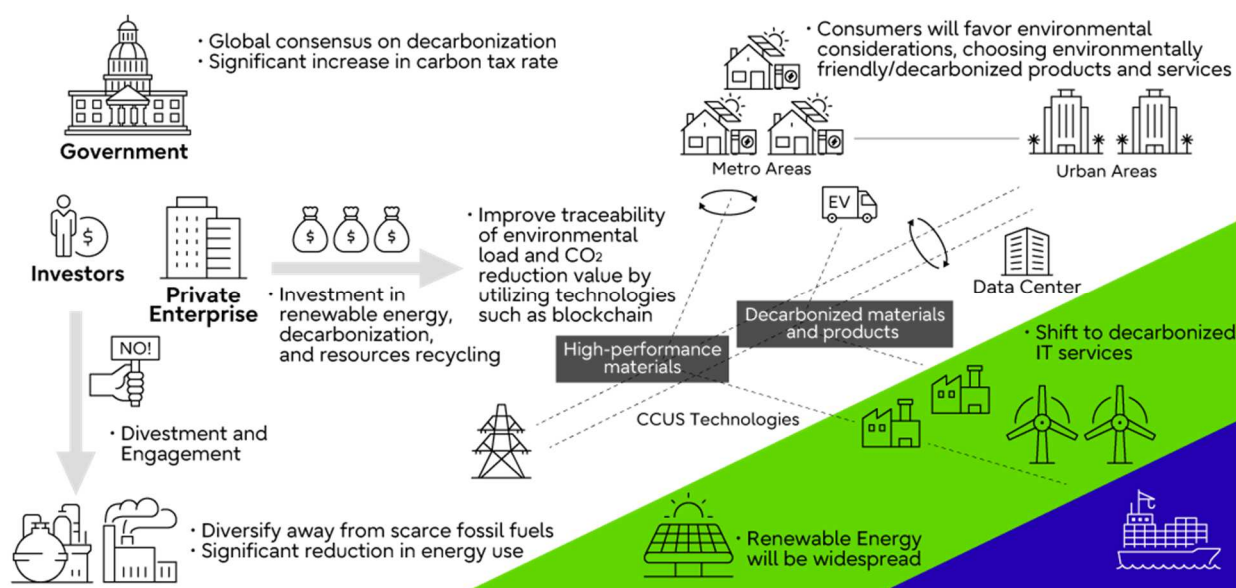
To look at the impacts on business, we then tentatively calculated the qualitative gap between the scenarios and our existing strategies and plans with respect to risks and opportunities. For Hybrid IT (sector studied: datacenter-related businesses), we discussed how the impacts of climate change on business would affect our Profit and Loss Statement, specifically looking at which financial indicators would be impacted and in what ways. We then summarized those impacts by developing calculation logic for each impact. Both internal and external data and information were used to confirm the positive (opportunities) and negative (risks) impacts on operating profit in 2050. For example, the calculations for the 1.5°C scenario showed rising costs due to changes in power prices, but also revealed that there will be increased demand for carbon-neutral datacenters and for datacenters generally due to increased communications traffic as the uptake of smart devices accelerates. Overall, the calculations showed that the negative financial impacts of risks will be outweighed by the positive financial benefits arising from opportunities, ultimately leading to a net positive financial impact on operating profits.

Our analysis of Sustainable Manufacturing (sectors studied: petrochemicals, automotive, foods, electronic device-related businesses) and Trusted Society (sectors studied: public sector, transportation, energy-related businesses) focused on the business opportunities arising from climate change, assuming the potential to establish new climate change-related markets and concluding that the net impact on sales in 2050 would be positive.

Finally, we held a workshop in which we organized the trends in each industry that had been identified when defining the scenarios and the direction of measures to deal with the business impacts requiring emphasis. In specific terms, during the group work we reviewed the current initiatives and gathered views on the directions that future initiatives should take, taking into account the expectations on Fujitsu in the medium- to long-term.

Analysis results

Because we were able to confirm that the study and development directions for our business unit offerings are aligned with the opportunities shown in the scenario analyses, and that countermeasures for the identified risks are also being prepared, our assessment was that Fujitsu's businesses are strategically resilient from a medium- to long-term perspective.

Our current themes and areas are "Carbon Neutrality" and "Resilient Supply Chains" in the Sustainable Manufacturing area, and "Sustainable Energy & Environment" and "Sustainable Transportation" in the Trusted Society area, and we are progressing with the development of our offerings.

Opportunity Analysis

Main Risk and Opportunity Items	Policy/regulation, markets, technology, reputation	Natural disasters

Target businesses	Sectors studied	Risk severity assessment (both 1.5°C and 4°C)		Scenario definitions	Countermeasure considerations (in part)
		Policy/regulation, markets, technology, reputation	Natural disasters		
Sustainable Manufacturing	Petrochemical businesses	Proliferation of ICT in recycling-based business platforms in the shift to carbon-neutrality Carbon pricing, Emissions targets, Energy-saving measures, Key product/service price variations	Increased damage to factories/supply chains due to heightened risk of natural disasters Flooding/Changing weather patterns, More severe abnormal weather events	**1.5°C scenario**	
				Switch to environmentally friendly products that use carbon-neutral materials throughout the supply chain, increasing portfolio reform, increased demand for greater traceability and more efficient R&D	• Visualization of CO_2 emissions throughout the supply chain, support for strategies and policies aimed at carbon-neutrality • Eco-friendly materials development solutions that use materials informatics • Management visualization with an ESG pivot, formulation and implementation of SX measures through data-driven management
				4°C scenario	
				Increased demand for resilient factories and supply chains due to increasingly severe natural disasters	• Support for risk event simulation and timely provision of risk information • Rapid solutions through data-driven management (review of manufacturing systems, suppliers, SCM, etc.)

	Opportunities / Risks		1.5°C scenario / 4°C scenario	
Automotive businesses	Stronger regulation of internal combustion engines; widespread adoption of electric vehicles, move toward carbon-neutrality in the entire product life cycle **Carbon pricing, Emissions targets, Key product /service price variations, Proliferation of next-generation technology, Changes in investor sentiment**	Increased damage to factories/supply chains due to heightened risk of natural disasters **Flooding/ Changing weather patterns**	**1.5°C scenario** Increased demand for services such as MaaS and greater supply chain traceability to help reduce environmental impacts through the entire life cycle	• Visualization of CO_2 emissions throughout the supply chain, support for strategies and policies aimed at carbon-neutrality • Support for EV demand (e.g., circular management of EV batteries) • Management visualization with an ESG pivot, formulation and implementation of SX measures through data-driven management • Process automation services using digital technology, from design through to manufacturing and maintenance
			4°C scenario Faster rollout of internal combustion engines, increased demand for advanced technology. Also, increased demand for enhanced business continuity and stability in raw materials procurement in the face of more severe natural disasters	• Support for risk event simulation and timely provision of risk information • Rapid solutions through data-driven management (review of manufacturing systems, suppliers, SCM, etc.) • Engineering outsourcing service which contributes to acceleration of development processes/technology and selection of management resources
Food-related businesses	Increased awareness of ethical consumption, promotion of resource recycling and biodiversity, etc. **Key product /Service price variations, Proliferation of next-generation technology**	Increased damage to agriculture due to heightened risk from natural disasters and temperature rises **Higher average temperatures, More severe abnormal weather events**	**1.5°C scenario** Changed consumer awareness leading to increased demand for measures to deal with food waste and support for smart agriculture, certificates of origin, and environmentally friendly packaging materials	• Visualization of CO_2 emissions throughout the supply chain, support for strategies and policies aimed at carbon-neutrality • Support for greater traceability throughout the value chain (supply-demand optimization, help with changes in consumer behavior) • Management visualization with an ESG pivot, formulation and implementation of SX measures through data-driven management
			4°C scenario Increased demand for "resilient agriculture" to cope with issues of stable food supply resulting from natural disasters	• Support for risk event simulation and timely provision of risk information • Rapid solutions through data-driven management (review of manufacturing systems, suppliers, SCM, etc.)
Electronic device-related businesses	Energy savings in factories and growth in the market for products for EVs; potential for fundamental manufacturing reforms, such as 3D printers and the "buy local" movement **Carbon pricing, Emissions targets, Key product/ service price variations, Proliferation of next-generation technology, Changes in investor sentiment**	Increased damage to factories/supply chains due to heightened risk of natural disasters, water shortages **Flooding/ Changing weather patterns**	**1.5°C scenario** Proliferation of energy/labor-saving technologies. Increased demand from radical changes to business models (demand chains, etc.)	• Visualization of CO_2 emissions throughout the supply chain, support for strategies and policies aimed at carbon-neutrality • Process automation services using digital technology, from design through to manufacturing and maintenance • Management visualization with an ESG pivot, formulation and implementation of SX measures through data-driven management
			4°C scenario. Increased demand for higher labor productivity in production sites and the construction of factories and supply chains capable of handling the risks posed by natural disasters	• Process automation services using digital technology, from design through to manufacturing and maintenance • Support for risk event simulation and timely provision of risk information • Rapid solutions through data-driven management (review of manufacturing systems, suppliers, SCM, etc.)

Trusted Society	Public sector, transportation, energy-related businesses	The values by which we select cities and services, such as environmental concerns, will changes as we shift to carbon neutrality	Increased damage to cities, buildings, and infrastructure due to heightened risk from natural disasters		
		Carbon pricing, Emissions targets, Key product/service price variations	Flooding/Changing weather patterns, more severe abnormal weather events	**1.5°C scenario**	
				Increased demand for quantifying and visualizing new values, such as environmental concerns, and the digitalization of urban and energy infrastructure	• Services/solutions related to prediction and regulation of the energy supply-demand balance using real-time data as green energy is used to transition to a carbon neutral society
				4°C scenario	
				Increased demand for resilient urban infrastructure	• Construction of Digital Twin platforms, enhanced use of simulations, optimization of urban infrastructure that caters for population flows and individuals, support for resilience in transport and logistics, disaster prevention/minimization, etc.

Risk & Opportunity Analysis

Target businesses	Sectors studied	Risk severity assessment (both 1.5°C and 4°C)		Scenario definitions	Countermeasure considerations (in part)
		Policy/regulation, markets, technology, reputation	Natural disasters		
Hybrid IT	Datacenter-related businesses	Traceability of environmental values, datacenter electrification, and the adoption of smart technology will all progress	Increased damage to datacenters due to heightened risk from natural disasters		
		Emissions targets, Key product/service price variations, Proliferation of next-generation technology, Changes in customer sentiment	Higher average temperatures, More severe abnormal weather events	**1.5°C scenario**	
				Energy savings and environmental concerns become the standard for service selection by customers, and carbon neutrality in datacenters themselves becomes a source of competitive strength	• Highly energy-efficient datacenters, etc.
				4°C scenario	
				Increased demand for resilient datacenters. Disaster risk for Fujitsu-owned datacenters is also increasing and countermeasures are needed	• Disaster recovery center services in case disasters occur • Resilient earthquake-proof datacenters equipped with every security measure, etc.

* The above scenario analyses are intended to verify the strategic resilience of Fujitsu businesses based on an assumed hypothesis and are positioned as one simulation that takes into account future uncertainties.

Risk Management

As part of our company-wide risk management system, we have established the Risk Management and Compliance Committee to identify, assess and manage risks across the entire Fujitsu Group, including those related to climate change. To conduct company-wide risk assessments on a regular basis, the committee prepares tools, distributes them to each Risk Management & Compliance Officer and gathers responses. The departments in charge of each risk across the company utilize these tools to conduct assessments on items such as the impact and likelihood of occurrence related to risk threats and the status of countermeasures, and they also provide responses regarding those risk threats. Climate change-related risk assessments are conducted by all relevant departments, using information collected from across the company, based on the expertise of each department in areas such as policy, reputation, natural disasters, the supply chain, and products and services. The Risk Management and Compliance Committee conducts an integrated matrix analysis of the assessments returned by each department with respect to impact severity and likelihood, and

then identifies high-priority risks at the company-wide level. The results of this analysis are reported to the Board of Directors.

The Sustainable Management Committee shares the business risks, opportunities, and countermeasures resulting from climate change, and manages their progress. The Fujitsu Group has also established environmental management systems based on the ISO 14001 standard. Under these systems, we monitor regulatory compliance and other risks.

Metrics and Targets

In 2017, the Fujitsu Group obtained 2°C-aligned certification from the SBTi for its GHG emissions reduction targets, and in 2021 we were granted 1.5°C-aligned certification for our revised targets. To accelerate our efforts towards carbon-neutrality, we set new targets to achieve net-zero emissions from our business activities by FY2030 and net-zero emissions through our entire value chain by FY2040 and were granted net-zero certification by the SBTi. In line with the SBT updates, we have also revised our RE100 renewable energy target, bringing our target of 100% renewables by 2050 forward by 20 years and aiming to achieve 100% renewable energy by FY2030.

Against our target of 100% Scope 1 and 2 GHG reductions in our own emissions by FY2030, in the current year we achieved a reduction for FY2022 of 34% on FY2020 levels. Against our target of a 90% reduction (on FY2020 levels) in GHG emissions throughout the value chain (scope 1, 2 and 3 emissions) by FY2040, we also achieved a 4% reduction in FY2022.

We boosted our use of renewable energy up to 30.0% in FY2022 towards our target of 100% renewable energy use by FY2030.

Living in Harmony with Nature (Conservation of Biodiversity)

Vision and Short- to Mid-term Targets

Together with climate change, the loss of biodiversity is seen as a serious and urgent problem, and the delivery of nature-positive outcomes is considered essential to its resolution. At the G7 Summit, held in June 2021, we agreed on a G7 2030 Nature Compact, which includes a commitment to "halt and reverse biodiversity loss by 2030". During part 2 of the 15th Conference of the Parties to the UN Convention on Biological Diversity (CBD-COP15) - held in December 2022 - the Kunming-Montreal Global Biodiversity Framework, which includes international targets for 2030, was adopted. The framework establishes "23 Global Targets for 2030" aimed at the 2030 Mission "To take urgent action to halt and reverse biodiversity loss to put nature on a path to recovery for the benefit of people and planet" (excerpt).

Committed to delivering nature-positive outcomes, in 2022 the Fujitsu Group formulated its vision for 2050, its 2030 Mid-term Target, and its 2025 Short-term Target (Environmental Action Plan Stage XI) in line with international targets (Kunming-Montreal Global Biodiversity Framework). Achieving the vision will contribute to satisfying the Fujitsu Group's stated purpose to "Make the world more sustainable by building trust in society through innovation."

Vision (2050)	Create a world in harmony with nature, where "nature and biodiversity," which are fundamental to a sustainable society, are fully restored through digital technology
Mid-term Target (2030)	Reduce negative impacts on biodiversity by at least 25% (Base year : FY2020) in the area of company's corporate activities, including supply chain, and promote activities to increase positive impacts on it.
Short-term Target (2025)	Reduce negative impacts on biodiversity by at least 12.5% (Base year : FY2020) in the area of company's corporate activities, including supply chain, and promote activities to increase positive impacts on it.

Response to the Taskforce on Nature-related Financial Disclosures (TNFD)

The Fujitsu Group will implement disclosures in accordance with the TNFD Framework going forward. In addition to comprehensive evaluations of corporate activities as a whole using ecological footprint as an indicator, we will conduct an evaluation of regional characteristics with reference to the TNFD Guidelines, etc. In terms of the evaluation pertaining to regional characteristics, the Group will first evaluate the use of land and water resources at its own sites, and then expand the scope of evaluation to include other corporate activities and value chains. The results of these evaluations will be disclosed as appropriate. The Group will comply with all disclosures in accordance with the TNFD framework by FY2025.

Biodiversity Conservation Activities

The Fujitsu Group is undertaking various biodiversity conservation activities to achieve its vision and targets.

Activity Example 1: Complying with the Environmental Action Plan Target to "Visualize and reduce the impact of corporate activities on ecosystems and on biodiversity"

As one of the targets of Stage X of its Environmental Action Plan, the Fujitsu Group has set a target for conserving nature and biodiversity, and has commenced activities to evaluate and reduce the dependence on and impact of the Group's corporate activities on nature and biodiversity.

❯ <u>Living in Harmony with Nature (Conservation of Biodiversity)</u>

Activity Example 2: Contributing to 30by30 (*1)
(Ministry of the Environment: Activity to Gain Certification for Conserved Areas Living in Harmony with Nature)

Just under 80% of the approximately 53 ha site occupied by the Fujitsu Numazu Plant is given over to green space to nurture the precious biodiversity of the region. The factory manages the green space with the aim of preserving the natural environment, maintaining the landscape, and providing a place for employees and local residents to learn about the natural environment. In 2022, Numazu Plant's green space program participated in the screening process of a trial scheme to test a system established by the Ministry of the Environment (MOE) to certify conserved areas identified as Living in Harmony with Nature. The MOE trial deemed the Numazu Plant green space "equivalent to Certified". If certified as a Living in Harmony with Nature site, the certified area (excluding overlaps with protected areas) will be registered in the international database as an OECM area (*2), thereby contributing to the achievement of the 30by30 target. The Fujitsu Numazu Plant aims to acquire Living in Harmony with Nature certification during FY2023.

*1 30by30: A target which aims to effectively conserve 30% of land and sea areas as healthy ecosystems by 2030 with the goal of halting and reversing biodiversity loss by 2030 (nature-positive outcome)
*2 OECM (Other Effective area-based Conservation Measures): Areas, other than Protected Areas such as company-owned forests and mountain villages and the woodlands around them, that contribute to biodiversity conservation

❯ <u>Outline of sites participating in the early trial phase of Areas Living in Harmony with Nature (working title) (MOE website) (Japanese text only)</u>
❯ <u>Fujitsu Numazu Plant is awarded the 2023 Prime Minister's Commendation for Meritorious Service to the Greening Promotion Campaign (Japanese text only)</u>

Activity Example 3: Supporting Biodiversity Conservation by Providing Funds, Technology, and Talent

The Fujitsu Group supports the activities of organizations that implement biodiversity conservation. These activities are ranked as activities that will increase the positive impact on biodiversity in the Group's short- and mid-term targets.

1. Blakiston's Fish Owl Call Recognition Project
   The Fujitsu Group has provided the Wild Bird Society of Japan with call recognition software, developed for use in habitat surveys of the endangered Blakiston's fish owl. Implementing measures based on habitat survey results is important for the conservation of the species. Surveys are conducted by analyzing sound data recordings, but the main problem for the Wild Bird Society was that playing and replaying the recorded sounds to identify the Blakiston's fish owl was enormously time-consuming. By providing the call recognition software, we helped streamline the surveys to enable the automatic extraction of the owl's cries, thus greatly reducing the time required for analysis.

❯ <u>Blakiston's Fish Owl Call Recognition Project</u>

2. Supporting the Harapan Rainforest (Forest of Hope)
   We continually provide support to a project launched by BirdLife International Tokyo for reforestation activities in the Harapan Rainforest (Forest of Hope) on the Indonesian island of Sumatra. Dealing with forest fires and illegal logging is an urgent issue in the Harapan Rainforest. This activity contributes to forest conservation by implementing ICT to greatly improve the efficiency of forest patrol operations.

> [Providing support for the Harapan Rainforest (Forest of Hope) in Indonesia](#)
> [Activity Brochure here](#)

3. Coastal cleanup activities on Tsushima, An Island Seriously Contaminated by Marine Plastics
   To deepen employees' awareness of the global environmental issue of marine plastic pollution, and link this to action to deal with the problem, Fujitsu Limited held a hands-on eco-tour of Tsushima for Fujitsu Group employees in collaboration with the Japan Environmental Action Network (JEAN). The project involved a beach cleanup, and an ideathon to come up with solutions to the island's marine plastics problem.

> [Tsushima, an island seriously contaminated by marine plastics](#)

Activity Example 4: Promoting Initiatives in Collaboration with External Organizations (Keidanren, WIPO, JBIB)

The Fujitsu Group collaborates with various external organizations to promote initiatives for conserving biodiversity. For example, we support The Declaration of Biodiversity by Keidanren and participate in the Initiative based on the Declaration of Biodiversity by Keidanren. A further example is the promotional video for the Business for GBF Project launched by MOE and Keidanren, featuring our case study Blakiston's Fish Owl Call Recognition Project. Fujitsu also participates as a partner in WIPO GREEN, a matchmaking platform operated by the World Intellectual Property Organization (WIPO) for transferring environmental technologies and services. This led to the conclusion of IP licensing agreements with academic institutions for the use of technologies for conserving natural assets and biodiversity. In addition, Fujitsu participates in the Japan Business Initiative for Biodiversity (JBIB), hosting activities together with enterprises for the purpose of research and practice in biodiversity conservation.

> [Initiative based on The Declaration of Biodiversity by Keidanren (Keidanren website)](#)
> [Business for GBF Project (MOE website)](#)
> [Promotional video for Business for GBF Project (MOE video)](#)
> [Conclusion of IP licensing agreements through WIPO GREEN activities](#)
> [Japan Business Initiative for Biodiversity (JBIB) (JBIB website)](#)

Activity Example 5: E-learning for Employees

The Fujitsu Group provides environmental education through e-learning programs for all employees to improve their environmental engagement. The programs include content on global trends in biodiversity and the relationship between corporate activities and biodiversity, the intention being to deepen their understanding of how their work relates to biodiversity.
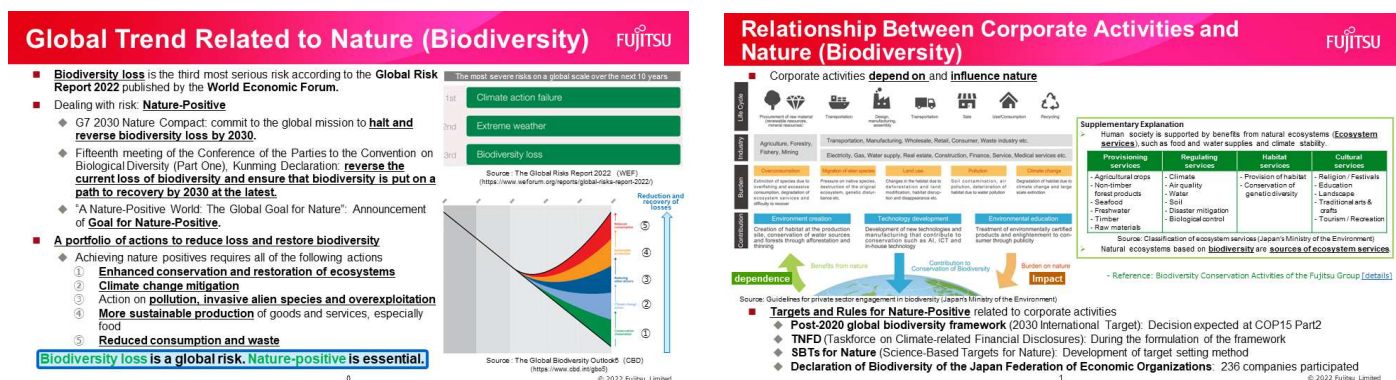

Fig. Image of environment e-learning materials

Fujitsu Group Biodiversity Action Principles

In October 2009, the Fujitsu Group established its "Biodiversity Action Principles" to explicitly address biodiversity.

> Fujitsu Group Biodiversity Action Principles

Environmental Action Plan

Fujitsu Group Environmental Action Plan

Operating Environment and Growth Strategy

Changing Environmental Activities in Line with Our Business Model Transformation

Originally a manufacturer of telecommunications equipment, Fujitsu developed into a global ICT enterprise with vertically integrated operations in three sectors: Technology Solutions offers a range of IT-based services and solutions, Ubiquitous Solutions designs and manufactures products such as PCs and mobile phones, and Device Solutions is responsible for developing the semiconductor business. Structural reforms undertaken since FY 2015 have channeled most management resources into the core sector of Technology Solutions. In FY 2019, Fujitsu repositioned itself as a Digital Transformation (DX) enterprise that aims to make full use of digital technologies in the creation of innovative services and business processes.

The nature of the Fujitsu Group's environmental impact has changed as a result of this modified business model. As an example, most energy consumption in the past was linked to the manufacture of PCs and our semiconductor and electronic component operations, but that requirement is declining significantly. Conversely, the expansion of cloud computing and the Internet of Things (IoT) is driving increased power consumption in data centers, and this growing trend is expected to continue. We are therefore focusing at present on energy conservation, efficiency enhancements and the use of renewable energy in our data centers. In this way, the Fujitsu Group is implementing environmental activities that respond to the demands of society while also supporting the corporate growth strategy.

Operating as a Responsible Global Corporate Citizen

Recent years have seen a further ramping up of demand for initiatives aimed at building sustainable communities on a global scale, including the adoption of the Sustainable Development Goals (SDGs) by the United Nations and the coming into effect of the COP 21 Paris Agreement. The Fujitsu Group employed a materiality analysis in a Groupwide review designed to enhance the effectiveness of activities that aim to contribute to sustainable development. This analysis identified six priority issues including the environment; human rights, diversity and inclusion; wellbeing; and supply chain. The result is a unified framework under the banner of Global Responsible Business (GRB), which will oversee activities that strengthen initiatives in non-financial areas while striving for 'sustainability management' worthy of a responsible global corporate citizen.

History of the Environmental Action Plan

Environmental Awareness Contributes to Sustainability for Our Customers and Society

The Fujitsu Group has formulated an Environmental Action Plan since 1993 and continues to broaden the scope of its environmental activities. Between stages I and V (FY 1993-2009) the objective was to significantly reduce the environmental impact of the Fujitsu Group itself. Far-reaching measures were implemented throughout our factories and offices to cut CO_2 emissions and chemical pollutants, to reduce waste, and so on. In stage VI (FY 2010-2012), we expanded the focus of our activities to three important initiatives. In addition to strengthening measures to lessen our own impact on the environment, we supported similar efforts by customers and society as a whole and also took on the challenge of conserving biodiversity. Between stages VII and IX (FY 2013-2020), we clearly demonstrated our commitment to contributing to the resolution of environmental issues faced by customers and society through the use of ICT. In order to reduce our own environmental impact, we expanded the scope of our activities to cover the entire supply chain, including suppliers. In stage X (FY 2021-2022), we worked to promote and expand the use of renewable energy for our customers and society by utilizing leading-edge ICT technologies unique to the Fujitsu Group, such as the introduction of renewable energy at our business sites through CPPA and other means, and blockchain technology.

The Fujitsu Group will continue responding to the demands of changing times and will deepen and further develop its environmental activities with the goal of helping to create a sustainable and rewarding society.

Fujitsu Group Environmental Action Plan (Stage XI)

Social responsibility as a leading company in Sustainability Transformation (SX)

As a leading company in SX, Fujitsu Group is committed to reducing the environmental impact of its group companies, including those in the supply chain, and to expanding and enhancing the value it provides to customers and society through technology. We will work with our customers and partners to realize a sustainable future.

Outline of the Fujitsu Group Environmental Action Plan (Stage XI)

In order to resolve environmental and social issues, we have set eight targets in three global risks areas highlighted by the World Economic Forum: " Climate Change," " Resource Circulation," and " Living in Harmony with Nature ". These are mapped against the two values of " Customers and Society " and " Fujitsu and Supply Chain".

Fujitsu group is taking firm steps to realize its environmental vision, such as contributing to digital technology for customers and society and increasing the ratio of its own use of renewable energy.

(Reference: Global Risks Report 2023)

Target period

3 years from Fiscal year 2023 to Fiscal year 2025

Customers and Society

Fujitsu aims to transform its core business with a portfolio of offerings focused on ESG Contribution and SX by 2030. In particular, to solve environmental issues in the areas of climate change and carbon neutrality, resource recycling through circular economies, and biodiversity, we will connect stakeholders from across society and industries and contribute to the SX of customers and people around the world. In FY 2023, we will develop environmental contribution metrics to measure our impact on the environment, allowing us to provide services with clear contributions and value. From FY 2024, we will measure and disclose the quantitative amount of our contribution. Furthermore, as an SX leader and to realize a sustainable society in which no one is left behind, we will develop solutions, services and initiatives that contribute to SX, deliver objective environmental metrics and earn the trust and recognition of global customers and society.

Fujitsu and Supply Chain

Climate Change

In order to achieve Net Zero (*1) emissions of greenhouse gases from our business activities and from the entire value chain, we set reduction targets for FY2025.

This will be achieved through the strategic introduction of renewable energy and the development of energy conservation through the use of advanced ICT. At the same time, we will also promote the understanding and reduction of the environmental impact of suppliers, as well as further energy saving of our products.

*1 Net Zero Greenhouse Gas Emissions: Reduce greenhouse gas emissions by 90% or more from the base year in the target year and remove residual emissions of 10% or less by directly recovering CO_2 from the atmosphere (DAC) or by absorbing CO_2 through planting trees.
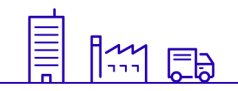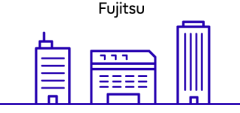
Resource Circulation

We aim to develop these products and services in FY 2025 in order to design products that conserve resources and improve the resource recycling rate, and to build a circular economy business model that can overcome resource constraints. We will also continue to reduce water use and raise awareness of water resource conservation throughout the supply chain.

Living in Harmony with Nature

In order to achieve nature-positive results, we will implement activities to reduce negative impacts on biodiversity and increase positive impacts in the areas of our corporate activities, including supply chains, in response to the 2030 International Biodiversity Targets 15 of the Kunming-Montreal Framework.

Environmental Action Plan

	Customers and Society	Fujitsu and Supply Chain		
	Business Field	**Upstream Business**	**Fujitsu's Business Areas**	**Downstream Business**
Climate Change	Development and provision of solutions that contribute to SX	Suppliers' GHG reduction (Well Below 2 ℃ target)	• Reduction of GHG emissions at business sites (1.5 ℃ target) • Increase the use ratio of renewable energy	By reducing power consumption during product use Reduction of GHG emissions
Resource Circulation		Enhancing suppliers' awareness of water resource conservation	Reduction of water consumption	To product resource conservation and resource recycling Improving resource efficiency
Living in Harmony with Nature		Reducing negative impacts of corporate activities on biodiversity		

Environmental Action Plan Targets

Goal				Base Line	Targets for FY2025
Customers and Society			• FY 2023: Environmental contribution metrics will be developed. FY 2024 to FY 2025: The amount of contribution will be measured and disclosed. • To earn the objective recognition of global customers and society as an SX leader.	_	Deliver SX offerings to customers
Fujitsu and Supply Chain	Climate Change (*2)	Scope 1,2	Reduce GHG emissions at business sites by half of the base year by the end of FY2025 • Increase use ratio of renewable energy to 50% or more by 2025	FY 2020	Reduction of at least 50%
		Scope 3 (Category 11)	Reduce CO_2 emissions from power consumption during product use by 12.5% or more	FY 2020	Reduction of at least 12.5%
		Scope 3	Reducing GHG emissions in the supply chain	_	Goal setting completed

		(Category 1)	• Major business partners should set emission reduction targets (equivalent to SBT Well Below 2 °C target). • Collection of GHG reduction data, construction and deployment of mechanisms		
	Resource Circulation		Development of products and services that contribute to a circular economy business model	_	CE Business Products Service Development
			Reduce water consumption by 57,000 m^3 or more by implementing water reduction measures	_	57,000 m^3 or more
			Strengthening awareness of water resource conservation in the upstream supply chain • Requesting our major suppliers to make efforts to raise their awareness of the importance of water resources	_	Request Completed
	Living in Harmony with Nature		Reduce negative impacts on biodiversity in the areas of corporate activities, including supply chains, by at least 12.5% In addition, promote activities that increase positive impacts on biodiversity	FY 2020	Reduction of 12.5% or more

*2 Climate Change: Scope 1, 2 and 3. adjusted for acquisitions and divestitures

Fujitsu Group Environmental Action Plan (Stage X)

The Fujitsu Group had specified targets that address the three global societal challenges of climate change, resource circulation and living in harmony with nature (conservation of biodiversity). As we undertake workstyle reforms and restructure our business operations, we will focus on these targets over the two-year period from FY 2021 to FY 2022 by working to minimize negative environmental impacts in the supply chain.

We report the results below.

	Targets (to be achieved by FY2022)	FY2022 results
Climate Change		
1	Reduce greenhouse gas (GHG) emissions from business sites each year by 4.2% or more, compared with the base year of FY2013	10.5% reduction (47.5% reduction compared to baseline year) (*1)
2	Improve PUE (Power Usage Effectiveness) of our data centers by 3%, compared with FY2017	PUE 1.57 - Improvement of 1.2%
3	Increase renewable energy usage to 16% of total electricity	30.0%
4	Reduce CO_2 emissions due to power consumption during product usage by 17% or more, compared with FY2013	Reduced by 25%
5	Drive activities to reduce CO_2 emissions in the upstream supply chain.	Requested that secondary suppliers (over 61,000 companies) engaged in activities to reduce emissions through primary suppliers of the Fujitsu Group (676 companies)
Resource Circulation		
6	Promote eco design for resource saving and circulation and increase resource efficiency of newly developed products by 10% or more, compared with FY2019	Improved by 11.2%
7	Reduce water usage by 30,000 m^3 or more by implementing water resource conservation measures	Water consumption was reduced 31,000 m^3 (target for FY 2022: 19,000 m^3)
8	Reinforce awareness of the need to conserve water resources in the upstream supply chain	Requested that 676 of the Fujitsu Group's primary suppliers engage in activities to conserve water
Living in Harmony with Nature (Conservation of Biodiversity)		
9	Visualize and reduce the impact of corporate activities on ecosystems and on biodiversity	Establishment of a calculation method that uses Ecological Footprint (EF) as the indicator for visualizing the impact of corporate activities on biodiversity

*1 Reduction rate based on market standards

Environmental Action Plan

Climate Change

External Trends

Accelerated Controls on GHG Emissions are Required for Carbon Neutrality

The COP 21 Paris Agreement, adopted in December 2015, set out a long-term, shared worldwide goal of

limiting the average global temperature increase to considerably less than 2℃ and preferably 1.5℃ over pre-

Industrial Revolution temperatures, as well as the goal of carbon neutrality (net zero emissions) by the second half of this century (2050). Correspondingly, moves aimed at achieving a carbon neutral society have been accelerating on a global scale. Subsequently, the COP26 Glasgow Accords strengthened the 1.5°C target adopted under the Paris Agreement and shifted the standard for global climate change measures to the 1.5°C target.

Given this impetus, efforts towards achieving a carbon-neutral society are accelerating on a global scale.

The Task Force on Climate-related Financial Disclosures (TCFD) was established in December 2015 by the Financial Stability Board, which includes participants representing central banks, financial regulatory authorities and finance ministries from major countries. The TCFD requests companies to use multiple climate scenarios to evaluate the climate-related risks and opportunities to their business and to assess and disclose the financial impact. Various international initiatives have also been launched, such as the Science Based Targets initiative

(SBTi), which calls for corporate emissions reduction goals designed to meet the 1.5℃ target, and RE100,

which calls for companies to source 100% of the electricity they use from renewable energy. Furthermore, CDP (*1), which runs the global disclosure system for investment that takes into account Environmental, Social and Governance (ESG) factors, requests that companies reduce GHG emissions by at least 2.1% year-on-year through voluntary efforts.

(*1)   CDP: An international not-for-profit organization providing the only global system for companies and cities to measure, disclose, manage, and share vital environmental information. CDP works with major institutional investors around the world to encourage companies to disclose their impact on the environment and natural resources and to adopt measures that mitigate the impact.

Fujitsu Group Position

GHG Emissions Reductions are a Critical Issue for the Fujitsu Group

The Fujitsu Group, as an entity with global operations, is fully aware that climate change is a serious worldwide issue that spans national and regional boundaries. For example, disasters triggered by climate change can disrupt procurement, logistics and energy supply networks, which in turn interrupts the process of supplying materials and energy to business sites. Regulations governing GHG emissions have an impact on the development and production of products and services, and any delays in responding to requirements can lead to lost business opportunities.

Since launching the Fujitsu Group Environmental Action Plan, we have treated the reduction of GHG emissions as a critical issue and worked to achieve the defined targets.

Most of the GHG emissions generated by the Fujitsu Group derive from purchased electricity, not from the combustion of oil or gas. Advances in 5G technology will lead to the expansion of cloud computing, IoT and mobile communications, thereby spurring increased power consumption in data centers, and this growing trend is expected to continue. We are therefore focusing on reducing power consumption by conducting energy conservation audits and regular power usage checks in our data centers, as well as in our factories and production lines in Japan and elsewhere.

Approach under the Fujitsu Group Environmental Action Plan (Stage XI)

Strengthen Efforts to Achieve Carbon Neutrality

In May 2017, the Fujitsu Group formulated the FUJITSU Climate and Energy Vision, its medium- to long-term environmental vision. In August of the same year, the company obtained SBT certification for 2°C-aligned GHG emissions reduction targets. The SBTi aims to significantly reduce greenhouse gases over the medium to long term by encouraging companies to set voluntary GHG emissions reduction targets based on scientific knowledge compiled by organizations such as the IPCC (*2). Given the accelerating global trend toward carbon neutrality, the Fujitsu Group reviewed its position and revised its target to reduce GHG emissions from business sites in FY2030 from 33% to 71.4% below FY2013 levels. On April 15, 2021, this revised figure was successfully validated as a 1.5°C-aligned target by SBTi. To further accelerate our carbon neutrality as a global company, including our supply chains, we committed to expanding our use of renewable energy and achieving net zero GHG emissions in our business activities by FY2030 and throughout our value chain (scope 1, 2 and 3 emissions) by FY2040.

In June 2023, our target of net-zero by FY2040 obtained "Net-Zero Target certification" under the SBTi standard.

Working backwards from our future GHG emissions reduction targets, we have formulated our Fujitsu Group Environmental Action Plan (Stage XI) as the implementation plans for our environmental targets between FY2023 and FY2025. To achieve carbon neutrality, we are aiming for at least 50% of the energy used by our businesses to be from renewable sources by FY2025, with a target of 100% by FY2030. At the same time, we are working towards achieving net-zero GHG emissions across the entire value chain through measures such as identifying the environmental impacts of our suppliers and promoting emissions reductions, and by further reducing energy consumption by Fujitsu products.

From April 1, 2021, the largest facility in the Fujitsu Group, the Kawasaki Factory, switched over to 100% renewable energy for power consumed. As such, it serves as a flagship model for the Fujitsu Group as we focus on the future adoption of renewable energy in Japan. This initiative accounts for approximately 5% of the electricity used by the Fujitsu Group in Japan. In April 2022, Fujitsu Australia signed the Fujitsu Group's largest ever Power Purchase Agreement (PPA) for renewable energy, which will ensure that around 40% of Fujitsu Australia's annual power consumption comes from renewable sources.

In addition, Fujitsu intends to continue boosting purchases of green energy and renewable energy certificates, after considering relevant regional characteristics and the economic feasibility, and to implement more on-site renewable energy capacity. Use of the Fujitsu Group's leading-edge technological expertise in areas such as blockchain technology will also contribute to the spread and expansion of renewable energy.

(*2) Intergovernmental Panel on Climate Change (IPCC): An organization established in 1988 by the United Nations Environment Programme (PDF) (UNEP) and the World Meteorological Organization (PDF) (WMO) with the aim of providing comprehensive assessments of human-induced climate change and its impacts, together with adaptation and amelioration measures from scientific, technological and socio-economic perspectives.

(*3) Net zero: The elimination of greenhouse-gas emissions through emissions reductions of at least 90% by the target year and removing the remaining 10% or less through measures such as reforestation or Direct Air Capture (DAC) of CO_2 in the atmosphere.

RELATED LINKS
Actions and targets related to climate change initiatives under the Fujitsu Group Environmental Action Plan (Stage XI)

> Reducing Greenhouse Gas (GHG) Emissions at Our Business Sites

> Improve Power Usage Effectiveness (PUE) at Our Data Centers

> Expand the Use of Renewable Energy

Reducing Greenhouse Gas (GHG) Emissions at Our Business Sites

Our Approach

The Fujitsu Group considers the prevention of global warming an important issue. We have, therefore, formulated our medium- to long-term environmental vision, the Fujitsu Climate and Energy Vision, and aim to eliminate all CO_2 emissions from our business activities by 2050.

Among GHGs, our business sites (plants and offices, as well as datacenters) primarily emit CO_2 when energy (electricity, fuel oil, gas) is used, and perfluorocarbons (PFCs), hydrofluorocarbons (HFCs), sulfur hexafluoride (SF6) during the manufacturing processes and PFCs and HFCs from fluorocarbon leakage. We will set reduction targets in addition to complying with the relevant laws, and we are striving to reduce and control the volume of use and emission of these gases.

Reducing CO_2 Emitted During Energy Consumption

About 99% of the Fujitsu Group's total GHG emissions arise from CO_2 emissions due to energy consumption. Therefore, we continuously promote the following energy-saving measures to reduce CO_2 emissions.

- Appropriate operation of equipment, improvement in management, and energy-saving measures focused on motive-power facilities (introduction of free cooling, inverters and energy saving equipment, fuel conversion, etc.)
- Increasing efficiency by reviewing the manufacturing process (innovations in production, development of green production technology)
- Maintaining appropriate room temperature for office air conditioning, saving electricity used in lighting and office automation equipment, and switching to LED lighting
- Measuring energy consumption for visualization and promoting use of the data so collected

Reducing Emission of GHGs Other Than CO_2

As for GHGs other than CO_2, the Fujitsu Group mainly uses perfluorocarbons (PFCs), hydrofluorocarbons (HFCs) and sulfur hexafluoride (SF6) at the manufacturing divisions. We are taking continuous steps to switch to gases with lower global warming potential (GWP) and install equipment to remove harmful gases in our new and existing production lines. We also carry out inspections and maintenance to comply with relevant laws regarding PFCs and HFCs emissions resulting from fluorocarbon leaks from air conditioning equipment.

FY 2022 Performance

Targets under the Fujitsu Group Environmental Action Plan (Stage X)	FY2022 result
Reduce GHG emissions of our business sites by 4.2% or more every year (compared to FY 2013) (*1)	10.5% reduction (47.5% reduction compared to baseline year) (*2)

(*1) Target organizations: Business sites owned by Fujitsu and the Fujitsu Group. Includes major data centers.

(*2) Reduction rate based on market standards

Promoting Reduction in CO_2 Emitted During Energy Consumption

We continue to invest in energy-saving equipment (introduction and upgrade of BAT (*3) equipment, mainly for air conditioning and lighting) and ensure their appropriate operation at the facilities at all business sites. We are also streamlining our production processes, saving electricity used for air conditioning, lighting and automation in offices, making energy consumption visible, and leveraging measurement data.

For instance, as for investment in lighting equipment, we have continued to adopt high efficiency LED lighting and lowered CO_2 emissions by 1,423 tons. Moreover, we also improved facility operations (7,532 tons-CO_2) by reviewing air conditioner operating conditions, such as switching to higher efficiency equipment and controlling the number of units, and suspending operation of pumps and air conditioning devices. Through our own efforts, we carried out measures to reduce our emissions by roughly 13 ktons-CO_2 (2.6% in comparison to last fiscal year).

As a result of these initiatives, we reduced our GHG emissions according to market standards in keeping with SBT, which is an objective in the Environmental Action Plan (Stage X), by 10.5%pt compared to the baseline year (47.5% reduction in comparison to our emissions in FY 2013).

Environmental Action Plan (Stage X) GHG Emissions Reductions

(ktons-CO_2)

- 2013: 768 (Reference level)
- 2021: 484 (-37.0%)
- 2022: 403 (-47.5%), -81 ktons-CO_2 Equivalent to 10.5% of reference year
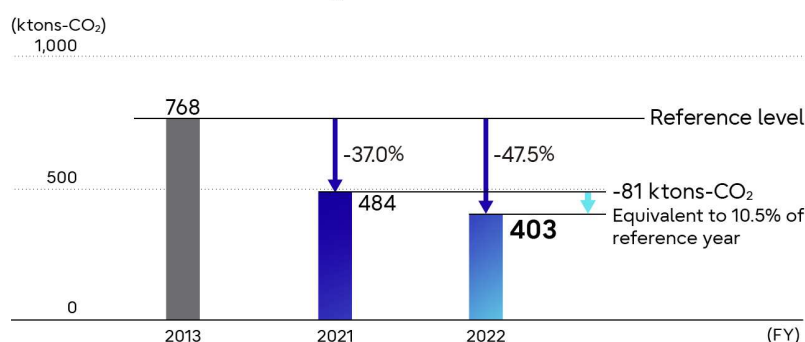
(*3) BAT (Best Available Technologies): Usable state-of-the-art technologies to reduce GHGs.

(*4) Environmental Action Plan (Stage X) performance values for the reference year (FY 2013) and FY 2022 are the total values for business sites targeted by the Environmental Action Plan (Stage X).

(*5) CO_2 conversion factors of purchased electricity are market standards for both the reference year (FY 2013) and FY 2022 performance values.

Total Emissions of 540ktons-CO_2 ★in FY 2022

Our total GHG emissions in FY 2022 were 540 ktons-CO_2 (output level per sales amount: 14.5 tons-CO_2/100 million yen). They decreased by 13.1% in comparison to FY 2021.

Trends in Total Greenhouse Gas Emissions

(ktons-CO_2)

★ Indicators assured by third party

FY	Total	CO_2 emissions in Japan	CO_2 emissions outside Japan	Emissions other than CO_2
2013	1,324	1,065	155	104
2015	1,234	990	155	90
2016	1,198	947	145	107
2017	1,104	911	96	97
2018	923	794	69	60
2019	802	600	195	7
2020	658	468	185	5
2021	457	457	141	2
2022	540★	418	120	2

From the previous year -10.0%
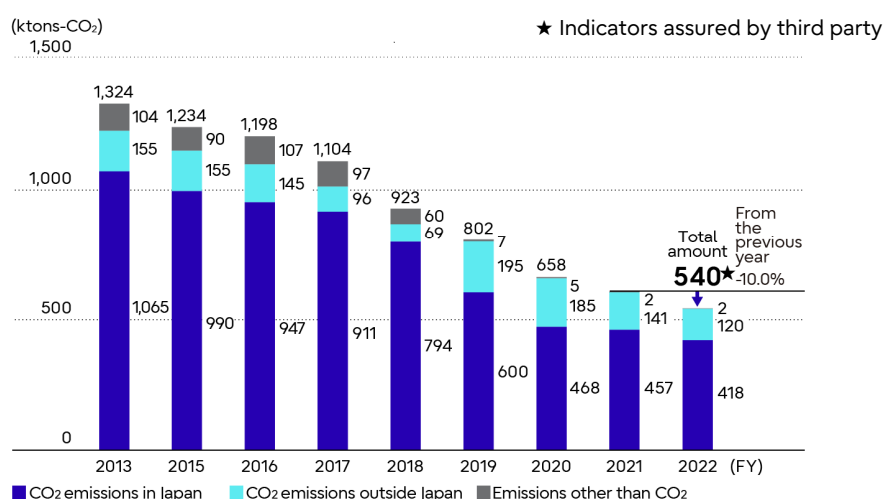
(*6) CO_2 emissions in Japan and overseas: The CO_2 conversion factor for purchased electric power in performance reports has been calculated with a fixed value of:

-In Japan - 0.570 tons-CO_2/MWh from FY 2013 to FY 2015, 0.534 tons-CO_2/MWh for FY 2016, 0.518 tons-CO_2/MWh for FY 2017, 0.497 tons-CO_2/MWh for FY 2018, 0.461 tons-CO_2/MWh for FY 2019, 0.444 tons-CO_2/MWh for FY 2020, and 0.436 tons-CO_2/MWh for FY 2022

-Overseas – Same coefficients as those used in Japan from FY 2013 to FY 2018, and the latest IEA values (by country) for the relevant FY from FY 2019 onwards

(*7) Emissions other than CO_2: These are converted to equivalent amounts of CO_2 using the global warming potential (GWP) for each gas.

Improve Power Usage Effectiveness (PUE) at Our Data Centers

Our Approach

Energy consumption in data centers is on the rise, due to factors such as the spread of cloud computing, and society is paying greater attention to the environmental performance of data centers.

Data centers account for approximately 40% of the CO_2 emissions (FY 2022) for each business in the Fujitsu Group. Since data center CO_2 emissions are expected to continue increasing along with the expansion of digitalization, the Fujitsu Group has a social responsibility to promote environmentally friendly data centers. At the same time, in terms of enhancing our business infrastructure, it has also become an important topic that we should work on from a long-term perspective.

FY 2022 Performance

Targets under the Fujitsu Group Environmental Action Plan (Stage X)	FY 2022 result
Improve PUE (*1) at data centers by 3% or more. (Compared to FY 2017)	PUE 1.57 - Improvement of 1.2%

(*1) PUE (Power Usage Effectiveness):
An index for power usage effectiveness at data centers. Expresses overall power consumption at data centers as a value divided by the power consumption of servers and other ICT devices. The closer the number is to 1.0, the greater the efficiency.

Promoting Activities to Achieve Our Goals

We are moving forward with activities to improve PUE at data centers in Japan and around the world, based on the Fujitsu Group Environmental Action Plan. In 2022, as with 2021, we continued to expand operation-side measures, including updating air conditioning equipment and striking the right balance by adjusting heat amounts and cooling capacity for IT equipment. We made steady progress up to 2021 and reached our targets, but in summer 2022 outside temperatures were warmer than FY 2021 globally (including some regions in Europe rising by 4-degrees Celsius) and as a result, we were unable to meet our targets. However, we have made a more than 1% improvement from the base year and continuous improvement activities are still underway. In addition to energy conservation activities, we expanded our use of renewable energy with the goal of carbon neutrality. This included switching our FJcloud service for domestic data centers to 100% renewable energy, while Fujitsu Australia concluded the largest power purchase agreement (PPA) among the entire Group.

PUE values and calculation methods

PUE Value	PUE calculation method, other
Range: 1.31 to 2.11 No. of data centers: 23	• Apply the Green Grid • Work to implement improvements using DCMM • DCMM: Data Center Maturity Model

Examples of Initiatives in FY 2022

Reducing Air Conditioning Power We tuned our air conditioning based on IT power consumption (heat generation), and expanded the target floors through measures such as adjusting fan speeds and air conditioning temperature, along with lessening the cold water temperature and adjusting the number of cooling equipment in operation. Furthermore, at data centers with air conditioning using outside air or free cooling, we worked to increase midcycle operating hours and reduce air conditioning power. Additionally, at certain data centers, we are achieving positive results in energy conservation through investments in facility improvements, such as updating air conditioning equipment and switching cold water pumps to inverters.

PUE Improvement Status
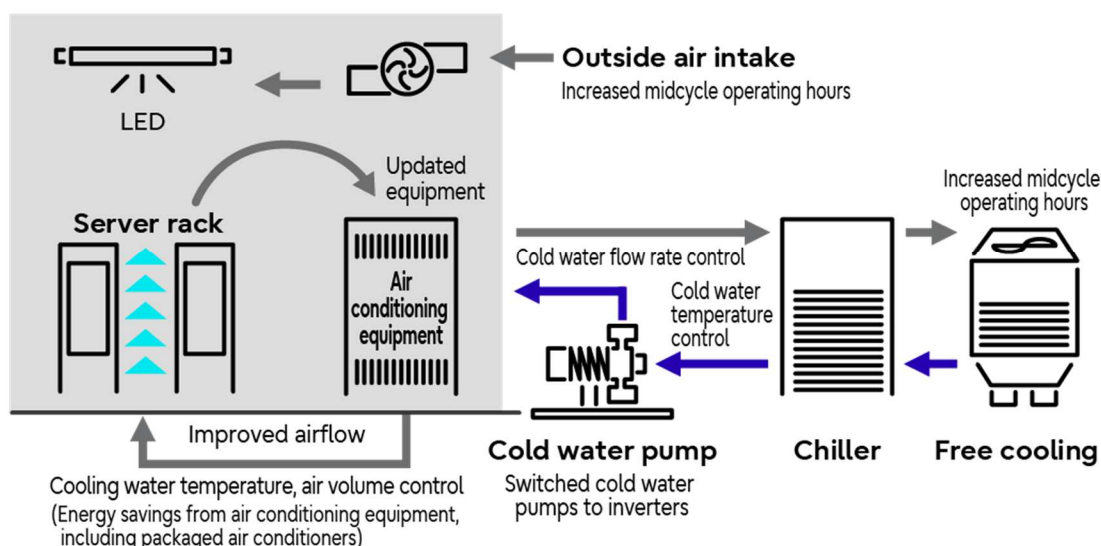
Implementation Status of PUE Improvement Measures (50 in total)
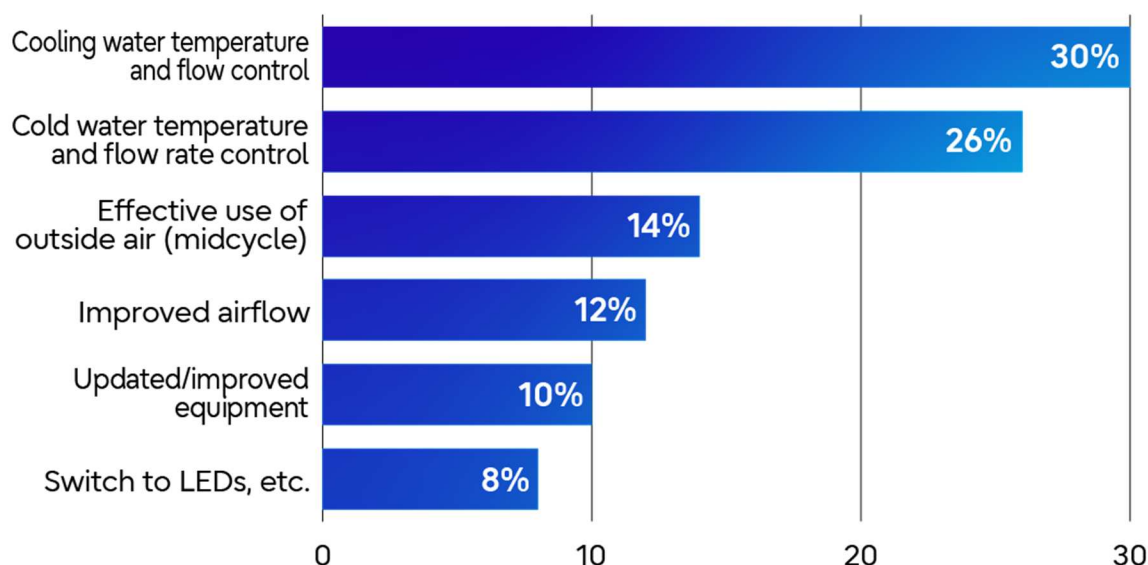
Promoting Improvements through Better Information Sharing with Overseas Data Centers

In an effort to further enhance PUE improvement activities, we are enhancing communication through information sharing improvement measures know-how gained at each data center and the progress of improvements through regular remote meetings in collaboration with PUE improvement activities of overseas data centers. We are now sharing related information on internal portal sites and visualizing the progress of efforts, with the aim of making these activities progress more smoothly in the future.

Environmental Action Plan

Expand the Use of Renewable Energy

Our Approach

The popularization and widespread use of renewable energy is becoming increasingly necessary as a way of addressing global warming, securing stable energy supplies through the diversification of our energy sources, and as an energy-based foundation for economic growth.

The Fujitsu Group has established an environmental vision aimed at realizing a decarbonized society. The main pillars for this vision are a dedication to energy conservation, and the active implementation of renewable energy. To achieve this vision, we have set quantitative targets under the Environmental Action Plan, and are actively promoting the introduction and installation of solar power generation equipment at our business sites, as well as the purchase, use, and expansion of green power (electric power generated through 100% renewable energy).

FY 2022 Performance

★ Indicators assured by third party

Targets under the Fujitsu Group Environmental Action Plan (Stage X)	FY2022 result
Expand the rate of renewable energy used to 16%	30.0%★

(*1) Target organizations: Business sites owned by Fujitsu and the Fujitsu Group. Includes major data centers

(*2) Calculation Standard: 5 -3 -4 -5

Refer to Environmental Performance Data Calculation Standards for details

Environmental Action Plan (Stage X) Initiatives

With the aim of achieving the Fujitsu Group's medium-term environmental goal of "using more than 40% renewable energy in FY 2030," we set a target under the Fujitsu Group Environmental Action Plan (Stage X) of expanding the rate of renewable energy we use to 16%. In FY 2022, through the purchase of green power and power generation through solar panels, our rate of renewable energy use grew to 30.0%★.

We will continue to work toward the implementation of renewable energy in both our domestic and overseas business offices, in order to further our purchase and usage of renewable energy.

Environmental Action Plan (Stage X) Renewable Energy Percentage

5-3-4-12
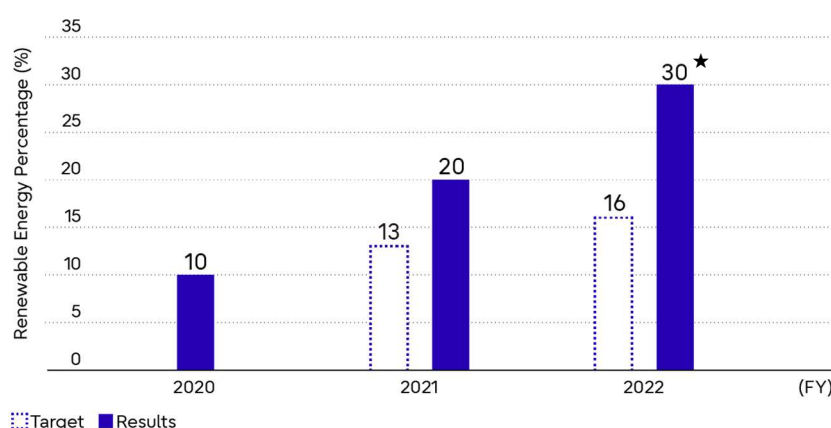
Renewable Energy Procurement Principle

Mandatory Requirement

- Renewable energy that can be reported through RE 100 activities

  - Power sources are Solar、Wind-power、Geothermal、Biogas、Small-hydro etc.

  - Environmental value (renewable attribute) can be pursued and verified
  - No double counting of environmental value

    Ex.) Amortization of environmental value of renewable energy, to be executed through the system of public agency

Recommended Requirement

- The electric power, in which power consumption to be combined with environmental value
  - The electric power, in which grid power and environmental value certification to be one set (The renewable energy to be generated in the same grid)
  - Power balancing to be managed. In time of emergence, minimum gap of power consumption and environmental value to be generated (within one year etc.)
- To select the renewable energy, by which we can contribute to local society
  - For example, by selecting the renewable energy in the same area as grid consumption, we can make "Local generation for local consumption" possible.
    Or to support the power generation company which makes effort to enlarge renewable energy power
- To procure the power from relatively new sites, in order to contribute the enlargement of renewable energy (Additionality)
  - To promote new project conjuncture, then to procure the power from it, we can contribute to increase the capacity of renewable energy of whole society
- To procure from the power generation site which was developed and constructed with the agreement of local society
  - To avoid making significant impact to the environment or society in which the power generation site is located

Examples of Initiatives in FY 2022

Renewable Energy Initiative in Australia

Fujitsu Australia signed a power purchase agreement to procure renewable energy through the Sapphire Wind Farm operated by CWP Renewables. Beginning in June 2022, Fujitsu Australia has covered approximately 40% of its data center electricity with renewable sources. This equates to around 30% of the company's total annual electricity consumption, and offsets approximately 30,000 tons of its annual greenhouse gas emissions.

- Fujitsu Australia signs its first power purchase agreement in a key step towards decarbonising its operations and providing lower-emissions services
- Case studies

Reduction of CO$_2$ Emissions by Reducing Power Consumption When Using Products

Our Approach

As ICT grows more and more common, we expect there to be an increase in energy demand in proportion to the higher performance and higher-density integration of servers and other ICT products. Various countries and regions are also expanding their energy-related regulations for ICT products, and energy efficiency is taking on increasing social importance as a factor in energy label conformance and green procurement requirements.

Here at the Fujitsu Group, we believe that we should work to improve the energy performance of our products during their use, in order to reduce GHG emissions. As such, we will actively implement energy-saving technologies and continue working to further improve the energy efficiency of products. Through these efforts, we will work to promote the development of products that contribute to reduced power consumption when in use.

FY 2022 Performance

Targets under the Fujitsu Group Environmental Action Plan (Stage X)	FY2022 result
Reduce CO$_2$ emissions due to product power consumption by 17% or more in comparison to FY 2013.	Reduced by 25%

Change in CO$_2$ Emissions Due to Product Power Consumption   ★ Indicators assured by third party
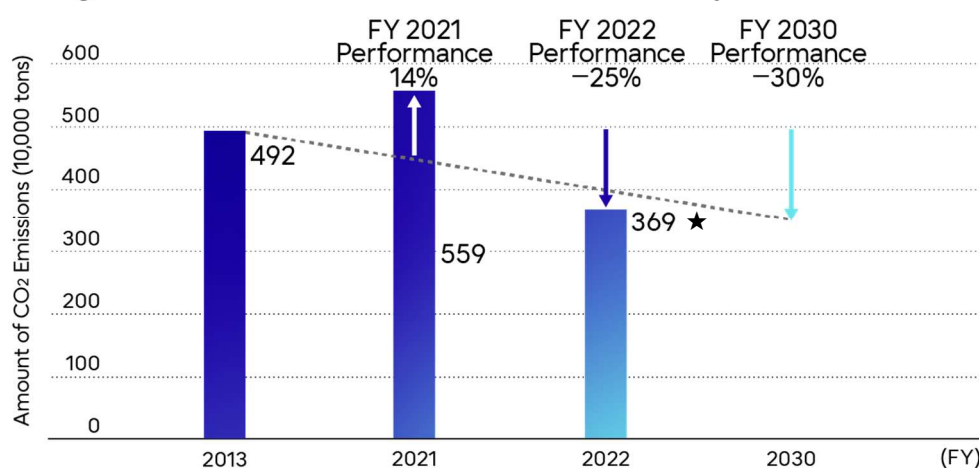
Fujitsu Group Environmental Action Plan (Stage X) Initiatives

Based on the Fujitsu Group's medium-term environmental goal of "reducing CO_2 emissions due to product power consumption in FY 2030 by 30% or more in comparison to FY 2013," we set a target in the Fujitsu Group Environmental Action Plan (Stage X) to reduce CO_2 emissions due to product power consumption by 17% or more in comparison to FY 2013 in FY 2022, as a transitional year. To achieve this target, each business unit goals to improve the energy efficiency of products that were expected to be developed in FY 2021 and FY 2022, then worked to meet them. Applications of energy-saving technologies include new, high-efficiency microprocessors and power supplies, energy-saving displays, optimized energy-saving controls, and the strengthening of power management features. In addition to these, we are actively pushing for the aggregation of LSIs, reductions in the numbers of components, and the implementation of eco-friendly devices.

Attained a 25% Reduction in CO_2 Emissions in Comparison to FY 2013

In FY 2022, as a result of applying and expanding energy-saving technologies in our servers, storage, PCs, and network devices, we were able to attain a 25% reduction in CO_2 emissions in comparison to FY 2013.

Working Toward Our Targets

In order to achieve the Fujitsu Group's medium-term environmental goal, each unit will work to further develop products with improved energy efficiency. We will also implement advanced energy-saving technologies and expand their application to our products, as part of our cross-Group policy to improve energy efficiency.

Looking toward the future, we aim to push the development of advanced eco-friendly devices, which will contribute to revolutionary improvements in energy efficiency, and aim for the products to be applied at an early stage.

Initiatives in FY 2022

FACT-X functions as a new ATM that conserves energy

FACT-X is a next-generation ATM for a cashless era. It works as a bank teller in addition to serving as a full-service ATM. Developed under the concept of "accessible to all," the ATM has many thoughtful features with all users in mind, including simple operation and accessibility, security design, and ease of use for those unfamiliar with ATMs or in a wheelchair. We also provide operational support services to the companies that operate ATMs, including remote functions and remote maintenance services. In addition, we will continue to provide functions that meet customer needs, including features to reduce teller operations.

In terms of environmental considerations, we have revised the function and parts of the new model to include complete transition from paper journals to electronic journals and adoption of SSD, in addition to offering the Super Eco Mode which turns the power off when no users are present in existing models. This update reduced power consumption by 15% when in use compared to conventional models*. (*Compared to FACT-V X200)We strive to help customers achieve sustainability and transformation through enhanced customer services and provision of channel reform through FACT-X as a new contact point.

FACT-X

> Case studies

Activities to Reduce CO$_2$ Emissions in the Upstream Portion of the Supply Chain

Our Approach

In addition to reducing our own emissions, the Fujitsu Group has also been requesting, as part of green procurement, that its suppliers engage in activities to reduce their own CO$_2$ emissions in order to help contain global warming. As a result, all of our primary suppliers have undertaken efforts to reduce their CO$_2$ emissions.

Starting in FY 2016, we have also been expanding these efforts further upstream in the supply chain by requesting that our suppliers include their own suppliers (secondary suppliers from the perspective of the Fujitsu Group) in these activities.

We have participated in the CDP Supply Chain program since FY 2018, in parallel with the above-mentioned activities. Based on our international environmental research activities, we are taking a more in-depth look at the activities of our primary suppliers to reduce CO$_2$ emissions and conserve water resources, and considering the issues and our policies.

Moreover, as a new initiative, we are asking our main suppliers to establish a CO$_2$ reduction target based on the international standard of Science Based Targets (SBT). Starting in FY 2022, we have also expanded the target suppliers for CO$_2$ emissions reduction to include those in the services industry in addition to the existing category of parts manufacturing as we strive to further reduce global warming.

The Group hosts seminars on setting reduction targets based on SBT. In FY 2022, about 90% of target suppliers attended the seminar.

In addition, we also host webinars on how to set targets and share FAQ. We support our suppliers' CO$_2$ reduction efforts through the provision of a simple tool for suppliers to visualize CO$_2$ emissions (Scope 1 and 2) of their own company and determine the appropriateness of their SBT.

We expect that having the supply chain as a whole work toward reducing emissions can produce even greater reduction effects (synergies), while also expanding the network of these activities through the supply chain to cover an even wider area spreading beyond national boundaries. Through efforts such as these, the Fujitsu Group hopes to help create a carbon-free society for the future and a sustainable water environment.

FY 2022 Performance

Targets Under the Fujitsu Group Environmental Action Plan (Stage X)	FY2022 result
Reduction of CO$_2$ Emissions: Drive Activities to Reduce CO$_2$ Emissions in the Supply Chain	Requested that secondary suppliers (over 61,000 companies) engaged in activities to reduce emissions through primary suppliers of the Fujitsu Group (676 companies)

Reduction of CO$_2$ Emissions: Requesting and Supporting the Expansion of Activities to Secondary Suppliers

The Fujitsu Group has requested that its primary suppliers, who account for the top 80% of the Group's procurement, to engage in activities to reduce their CO$_2$ emissions, and to expand these efforts to also include their own suppliers (the Fujitsu Group's secondary suppliers). We also conducted our own environmental survey to ascertain the status of activities by these suppliers. We then provided suppliers who responded to the survey with feedback in the form of a report that analyzed survey responses as a reference for their future activities, and we also requested that they further promote these activities and expand them to include their own suppliers.

As of the end of FY 2022, 24.2% (150 suppliers) responded that they had requested their own suppliers to engage in emissions reduction activities. Over 61,000 secondary suppliers have been asked to engage in emissions reduction activities, and this should substantially impact awareness.

Status of primary suppliers' request that secondary suppliers engage in activities to reduce their CO₂ emissions

Have made the request
24.2%

Have not made the request
75.8%

(multiple answers allowed)

Future plans to make requests	8.9%
Unable to make requests	33.5%
Unsure how to make requests	13.6%
No need	4.8%
Lack of resources	7.8%
Other	17.1%
No reason given	26.2%

0%   25%   50%
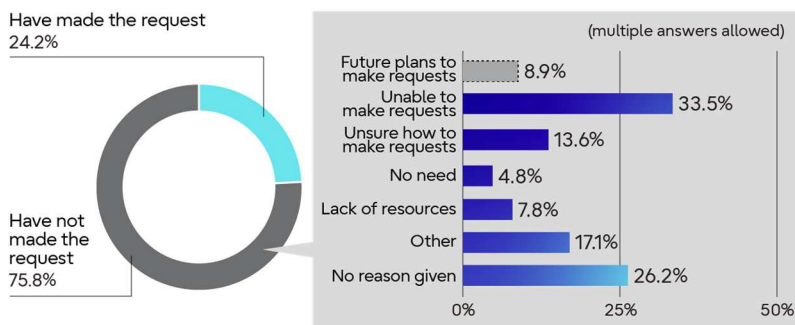
*Non-responses and responses from primary suppliers with no secondary suppliers were excluded

Offering Guidelines for Activities for Reducing CO₂ Emissions

The Fujitsu Group created original explanatory materials to facilitate the spread of activities for reducing CO₂ emissions throughout the entire supply chain, and since the end of November 2017, we have made the materials available on the company website and we have provided them to suppliers. The purpose of these materials was not only to give suppliers a greater understanding of the importance of these activities taking place in the supply chain, but also to serve as something they could use to request and assist such activities amongst their own suppliers. To fulfill our responsibilities as a global enterprise, the Fujitsu Group will continue to think about what must be done to contain global warming and will continue to take action.

"Guideline for activities for reducing CO₂ emissions" can be downloaded from the following sites.

> Japan
> Global

Informational materials for business partners

2. Practical activities: Procedure for target setting FUJITSU

1. Setting of Activity contents
1) Extract feasible activities in-house.
2) Decide more suitable activities from the extractions.

2. Selection of Progress Indexes (Numerical data)
Select CO₂ emissions data, or data leading to CO₂ emissions directly.
(e.g. P
* If it is
(e.g. C

3. Settin
Set nu
* If it is

2. Practical activities:
Examples for activity contents and progress indexes FUJITSU

Select activities to be conducted and progress indexes to be controlled.

Activity items	Activity contents	Progress indexes
Saving energy (reducing lighting power consumption)	Switch off unnecessary lighting/ install LED	Implementation rate/Installation rate /Energy-saving rate
	Light off during break times	Time for lights off/Implementation rate
Saving energy (reducing common-use facility power consumption)	Stop of servers on holidays	Stopping time/Stopping rate
	Reduce overtime hours/ specify days on which all employees leave work at the same time	Implementation rate per department
	Utility time limits on reception/ conference room	Utility time/Energy-saving rate
Saving energy (reducing air-conditioning power consumption)	Appropriate temperature setting of air-conditioning systems	Implementation rate/Implementation period
	Installation of rooftop greening/ wall greening	Implementation rate/Greening area per building
Saving energy (promoting of renewable energy)	Installation of green electricity systems	Installation rate
Saving energy (innovative changes of lifestyles)	Encouragement of bicycle commuting of employees	Number of employees taking part in the initiative/Implementation rate
	Promotion of eco-driving	Implementation rate/ELV installation rate
Preserving biodiversity (preservation of CO₂-absorbing resources)	Implementation of forest-preservation activities	Number of activities/Number of participants/Forestation land area/Number of trees planted
Conservation of paper resources	Promotion of paperless	Reduction volume/Implementation rate
Promotion of environmental awareness	Raise awareness by in-house education	Number of attendance/Attendance rate/ Test pass rate

2

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Environmental Action Plan
Resource Circulation

External Trends

Strengthening Global Resource Circulation

Goal 12 of the Sustainable Development Goals (SDGs), adopted by the United Nations in September 2015, is 'Responsible consumption and production'. The actions that organizations are urged to take in order to meet this goal include the efficient use of natural resources, the appropriate management of chemical substances and waste products throughout the entire product life cycle, and significant reductions in the volume of pollutants emitted into the air, water, and soil. In addition, in March 2022, the European Commission announced the first package of measures in its Sustainable Products Initiative (SPI), which is pivotal to the new Circular Economy Action Plan formulated in March 2020. Following this, in November 2022 the second package of measures was released with revised rules on packaging and packaging waste as well as a plastic circulation policy framework with directives for bio-based, biodegradable, and compostable plastics. In March 2023, further proposals were adopted on green claims and product sustainability. Regarding the series of sustainable product standardization packages for the EU market in these announcements, companies need to closely monitor future trends.

The Problem of Plastic Waste

According to a new report by the Organization for Economic Co-operation and Development (OECD), the volume of plastic waste generated globally is forecast to triple by 2060 from its 2019 level of 353 million tons. While the resumed fifth session of the United Nations Environment Assembly (UNEA-5.2) held in February 2022 acknowledged the usefulness of plastics, it also noted that the problem of plastic pollution is global in scale and includes the contamination of our oceans. It was decided that an intergovernmental negotiating committee would be established in the second half of 2022 with the task of formulating a legally binding global agreement to be finalized by the end of 2024. In view of these developments, companies need to implement plastic resource circulation throughout the life cycles of their products.

The Fujitsu Group's Position

Aiming for Resource Circulation

The Fujitsu Group has a long-standing commitment to the "three R's" (reduce, reuse, recycle) relating to plastics and other resources. We are conducting ongoing discussions around resource circulation for our products, including reuse, recycling and the use of recycled materials, particularly in view of the acceleration of global action and the abovementioned announcement of Europe's new Circular Economy Action Plan in March 2020. We are continuing to promote the use of recycled plastics in our IT products, switching from plastic to cardboard packaging materials, and reducing the number of components used in our products while making them smaller, thinner, and lighter. Another focus for Fujitsu is the recycling of resources from used IT products and from waste generated at business sites. One of the targets we have been working towards in our Environmental Action Plan is the reuse of resources in used IT products. Having reached a resource reuse rate of over 90% for IT products used in business, we are now continuing our efforts by focusing on our management targets. In light of the urgent need to address the problem of plastic waste, as outlined above, we are promoting initiatives that target packaging materials and other plastic waste. Changes in our business model are also resulting in reduced volumes of waste as we bolster our efforts to further limit waste and recycle resources in order to make a stronger contribution to a society oriented toward resource circulation.

Responses to the Plastic Resource Circulation Act

In response to environmental changes, both in Japan and overseas, involving the waste from products that use plastic, there is increasing demand for resource circulation of plastic products. This ranges from limiting the use of plastic products through to having local and municipal governments recycle plastics for use in other products, and developing regimes that will promote voluntary plastics collection and recycling by businesses. In line with this trend, Japan promulgated the "Plastic Resource Circulation Act" in June 2021. This Act targets the plastics used in a wide range of products and promotes measures to recycle plastic resources in each stage of a product's life, from design right through to the treatment of plastic waste (3R + Renewable).

Fujitsu is designated as a "high-volume waste emitter" under the legislation, and as such, has set targets for recycling and limiting the production of plastic waste and is promoting activities in line with those targets.

Target: Promotion of zero-emissions activities for plastic waste and greater use of returnable plastics
FY2022 plastic waste volume: 1,347 tons

RELATED LINKS

> Improving the Resource Efficiency and Resource Circulation of Products and Product Recycling

> Reducing the Amount of Water Used

Improving the Resource Efficiency and Resource Circulation of Products and Product Recycling

Improving the Resource Efficiency and Resource Circulation of Products

Our Approach

As risks that threaten the sustainability of society and companies continue to rise, such as environmental destruction due to resource depletion and excessive mining, major fluctuations in resource costs around the world, and concerns about the supply of rare metals, the European Commission (EC) has established a new Circular Economy Action Plan (2.0) as a growth strategic pillar of the European Green Deal and is moving forward with measures to accelerate further implementation of resource efficiency into society. For example, the EC has proposed the Circular Electronics Initiative, as well as maintenance for the eco design directive, and is promoting a circular economy through the entire life cycle of products. This is a growing trend all over the world. We believe that from the perspective of recycling resources, it is important for us to make efficient use of the resources in the ICT products that we provide to customers. We have engaged in design that draws on the principles of reduce, reuse, and recycle, and have developed our products with technology that is effective in reducing the amount of resources we use. We are also making efforts to improve resource efficiency and reduce our environmental burden by designing products to be lighter and smaller, using recycled plastics, reducing the number of parts, enhancing ease of disassembly, and improving recyclability. Our goal is to offer such products so that they provide even the customer with benefits, whether it be by making these products smaller, more lightweight, or designing them so they take up less space.

FY 2022 Performance

Targets Under the Fujitsu Group Environmental Action Plan (Stage X)	FY2022 result
Promoting improved resource conservation and recycling in our products and increasing resource efficiency in new products by 10% or more (compared to FY 2019).	Improved by 11.2%

Improving the Resource Efficiency of New Products

In FY 2012, the Fujitsu Group created its own definition of resource efficiency, as the Group had previously not had a system that could comprehensively and quantitatively evaluate improvements in resource efficiency, and due to the fact that there were as of yet no public indices that could measure resource efficiency.

In FY 2022, we continued to use our indicators to evaluate products newly developed by Fujitsu, and worked to reduce product part quantities and reduce product size through smaller, thinner, and lighter parts and higher-density mountings.

We Improved Resource Efficiency by 11.2%

By reducing the size and weight of our servers, PCs, network devices, and imaging devices, in FY 2022 we were able to improve resource efficiency by 11.2% with respect to efficiency in FY 2019.

Looking Ahead

In FY 2023 and beyond, Fujitsu will continue current initiatives, while expanding development of new lightweight, rigid materials and the use of recycled materials. We will also widely publicize the eco-friendliness of our products in order to expand sales.

REFERENCE INFORMATION Definition and Calculation of Resource Efficiency

Resource efficiency is evaluated by dividing the value of a production, by the environmental burden (in terms of use and disposal) of the elements (resources) comprising the products.

$$\text{Resource efficiency} = \frac{\text{Product value}}{\left(\begin{array}{c}\text{Environmental burden from resource usage} \\ = \\ \Sigma (\text{Resource burden coefficient} \times \text{Resource usage volume})\end{array}\right) + \left(\begin{array}{c}\text{Environmental burden from resource disposal} \\ = \\ \Sigma (\text{Resource burden coefficient} \times \text{Resource disposal volume})\end{array}\right)}$$

Definition of Each Item

Product value	To place emphasis on the valuation of reduction in environmental burden due to resource usage and disposal, product value is limited to those that related to resource usage and is set on a per-product basis. (Example of factor not considered: CPU performance improvements)
Resource burden coefficient	Environmental burden weighting coefficient that is specific to a particular resource and considers factors like exhaustibility, scarcity, and environmental impact from mining and disposal. Activities will begin with this figure set to a value of "1" for all resources.
Resource usage volume	Mass of each resource used in the product (excluding the mass of recycled plastic used).
Resource disposal volume	Mass od each resource disposed of (not reused) in connection with a post-use product (design value). Activities will begin with this figure set to a value of "0".

Examples of Initiatives in FY 2022

ARROWS Tab Q7312 balancing improved performance of the same sized laptop computer and resource efficiency

ARROWS Tab Q7312 is a high-end tablet device featuring a large screen ideal for a wide range of uses. It offers advanced functions and scalability for business and comes equipped with advanced security features including a TPM 2.0 security chip and (optional) fingerprint scanner. In addition to high-end features, the tablet only weighs about 1.2kg even when including the specialized slim keyboard.

In terms of the environment, ARROWS Tab Q7312 improves resource efficiency by 2.1% with the use of components made of recycled plastics. It is also Energy Star certified because of its reduced consumption of electricity.

By offering the ARROWS Tab Q7312 tablet featuring high-end specifications, scalability and improved resource efficiency, Fujitsu will contribute to a society that is equally considerate of both the environment and people.

ARROWS Tab Q7312/KB

› Introduction of Other Initiatives (Case Studies)

Product Recycling

Our Approach

The Fujitsu Group's recycling activities are based on the concept of Extended Producer Responsibility (EPR), which holds producers responsible for product design and manufacturing as well as disposal and recycling, and the concept of Individual Producer Responsibility (IPR), which holds a company responsible for its own products. Fujitsu is certified for area-wide disposal of industrial waste based on the Act to Promote Effective Utilization of Resources in Japan. In accordance with these concepts, Fujitsu Recycling Centers around Japan are entrusted to properly dispose of industrial waste, and one of Fujitsu's voluntary management indicators is "to reuse at least 90% of the resources in its ICT products for businesses."

Changes in Resource Reuse Rates of End-of-life Business ICT Products

Item	FY 2020	FY 2021	FY 2022
Resource reuse rate (%)	91.6	92.9	93.6

❯ Introduction of Initiatives (Case Studies)

Environmental Action Plan

Reducing the Amount of Water Used

Our Approach

The risk of a global water shortage is on the rise, due to such factors as climate change, the destruction of forests, and the economic growth and population boom in emerging and developing countries. Such a water shortage is a risk for companies as well, since it may very well affect the survival of their businesses. As such, it is important for us to recycle and reduce the amount of water we use.

Since the Fujitsu Group uses particularly large amounts of water in the manufacture of semiconductors and printed circuit boards, we believe it is necessary to reduce our water consumption in these areas especially. In addition to our general water conservation efforts, we have also worked to reuse and recirculate water, through methods such as pure water recycling and the reuse of rainwater. We are continuing our efforts to effectively use water resources in the Environmental Action Plan (Stage X).

FY 2022 Performance

Targets under the Fujitsu Group Environmental Action Plan (Stage X)	FY2022 result
Adding policies to reduce water consumption and reducing water usage by at least 30,000 m³ by the end of FY 2022. (*1)	Water consumption was reduced 31,000 m³ (target for FY 2022: 19,000 m³)

(*1)   Target organizations: Japan; Fujitsu and Fujitsu Group offices (excluding data centers)
          Overseas; Fujitsu and Fujitsu Group manufacturing sites

The policies we established in FY 2022 to reduce water usage include reducing the amount of water used in coating and cleaning processes, reviewing our water supply and wastewater through actions such as optimizing the water supply for our scrubbers, and upgrading air conditioners from water-cooled units to air-cooled units. We implemented these policies at each business site, plant, etc., so that we could make more efficient use of our water resources. As a result, in FY 2022 we reduced our water usage by 114,000 m³, which is 380% of the target of 30,000 m³ as was set in the Fujitsu Group Environmental Action Plan (Stage X).

Water Usage in FY 2022 was 6.15 Million m³★ (a 11% Reduction Compared to the Previous Fiscal Year)

The total amount of water we used in FY 2022 was 6.15 million m³ (output level per sales amount: 166 m³/100 million yen), a reduction of 11% compared to FY 2021. Additionally, 3.86 million m³ of that usage was recycled water, which was an increase of 14.3% in comparison to FY 2021. The total amount of water we used declined, so recycled water comprised 62.8% of our total water usage, a 13.8%pt increase from FY 2021.

Trends in Water Usage and Amounts of Recycled Water

★Indicator assured by third party
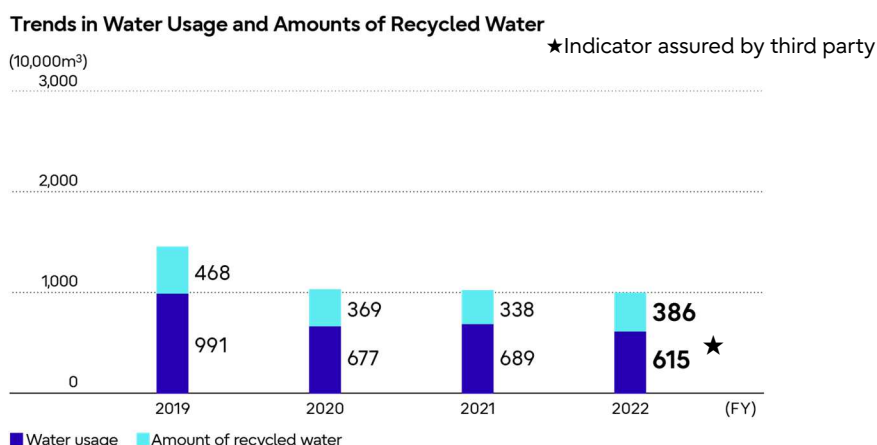
Activities to Conserve Water Resources in the Upstream Portion of the Supply Chain

Our Approach

We have also situated the conservation of water resources as a priority issue which we need to ask our suppliers to address, as well as the reduction of CO_2 emissions.

We have participated in the CDP Supply Chain program since FY 2018, in parallel with the above-mentioned activities. Based on our international environmental research activities, we are taking a more in-depth look at the activities of our primary suppliers to reduce CO_2 emissions and conserve water resources, and considering the issues and our policies.

We expect that having the entire supply chain work toward reducing emissions can produce even greater reduction effects (synergies), while also expanding the network of these activities through the supply chain to cover an even wider area spreading beyond national boundaries. Through efforts such as these, the Fujitsu Group hopes to help create a sustainable water environment.

FY 2022 Performance

Targets Under the Fujitsu Group Environmental Action Plan (Stage X)	FY2022 result
Conservation of Water Resources: Request that Primary Suppliers Engage in Activities to Conserve Water	Requested that 676 of the Fujitsu Group's primary suppliers engage in activities to conserve water

Conservation of Water Resources: Requesting that Primary Suppliers Work to Conserve Water Resources as a Key Theme They Should Address

Against the backdrop of worsening water resource problems and growing international concern, in addition to continuing our work to reduce CO_2 emissions as pursued under the Fujitsu Group Environmental Action Plan (Stage VIII) from FY 2016 to FY2018, we situated the conservation of water resources as a priority issue which we need to ask our suppliers to address, starting in FY 2019. We reviewed the questions we posed on our environmental survey forms so that we would be able to understand the status of our suppliers' activities and their actual circumstances, and identified the challenges we will face in expanding our activities in the future.

Status of water risk assessments conducted by suppliers

Conducting assessments 28.7%

Not conducting assessments 71.3%

(multiple answers allowed)

Future plans to make requests 3.4%
No risks to water 19.4%
No need 20.2%
Unsure how to conduct assesments 19.4%
Lack of resources 7.6%
Other 13.9%
No reason given 25.3%

*Non-responses were excluded
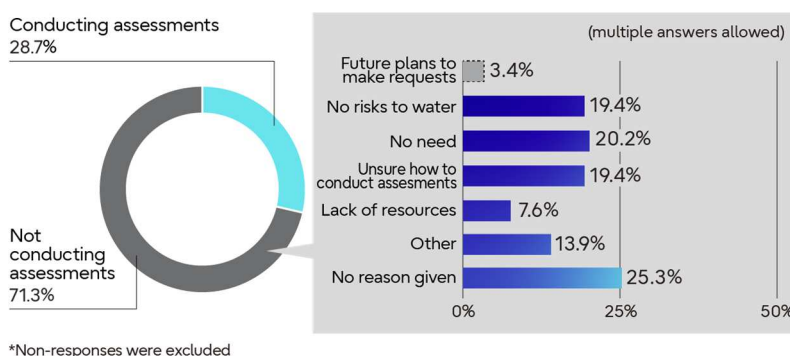
As many businesses are connected in the global supply chain, conservation of water resources is a relevant issue for any company. The first step in working to conserve water resources is to comprehend exactly what water risks are associated with one's own company. In our FY 2022 environmental survey, 28.7% of suppliers said that they were conducting water risk assessments, which is an increase from 25.7% last year. There was a

decrease in the percentage of responses from suppliers stating that conservation of water resources was not relevant to their operations compared to FY 2021, including "no water risks" (down from 23.6% to 19.4%) and "no need to conduct assessments" (down from 22.7% to 20.2%). Meanwhile, the response of not knowing how to assess water risks increased from 17.2% to 19.4%. We believe this is a reflection of increased awareness among suppliers that water risk assessments are an essential part of business operations.

In order to have suppliers think about conservation of water resources as a more familiar issue, we are offering the "Water Risk Assessment for Companies" document, which compiles materials on topics such as the importance of risk assessments, and introduces publicly available assessment tools. In the future, we will request that even more suppliers conduct water risk assessments and request that they work to conserve water resources.

"Water Risk Assessment for Companies" can be downloaded from the following sites.

> Japan
> Global

Contents of "Water Risk Assessment for Companies"

Living in Harmony with Nature (Conservation of Biodiversity)

Management Approach

Biodiversity loss poses an enormous global risk; an integrated response is vital to secure a carbon-neutral and nature-positive future

The Global Risks Report 2023 released by the World Economic Forum (WEF), ranks "Biodiversity loss and ecosystem collapse" as the fourth most severe, long-term risk globally, recognizing biodiversity loss alongside climate change as an urgent and critical issue. Viewing the delivery of a nature-positive world as essential to addressing this issue, the G7 Summit held in June 2021 agreed on a G7 2030 Nature Compact, which includes a commitment to "halt and reverse biodiversity loss by 2030". Part 2 of the 15th Conference of the Parties to the UN Convention on Biological Diversity (CBD-COP15) held in December 2022 adopted the Kunming-Montreal Global Biodiversity Framework, which includes international targets for 2030. The framework establishes "23 Global Targets for 2030" aimed at the 2030 Mission "To take urgent action to halt and reverse biodiversity loss to put nature on a path to recovery for the benefit of people and planet" (excerpt). Business groups such as the World Business Council for Sustainable Development (WBCSD) and international environmental NGOs such as the World Wide Fund for Nature (WWF) have also announced a joint proposal with a target of achieving a nature-positive planet by 2030. Thus, it is now considered vital that we not only have carbon-neutral initiatives to counter climate change, but also integrated measures aimed at delivering nature-positive outcomes.

To deliver nature-positive outcomes, we have established a vision and a mid-term goal in line with international targets

Committed to delivering nature-positive outcomes, in 2022 the Fujitsu Group formulated its vision for 2050, its 2030 Mid-term Target, and its 2025 Short-term Target (Environmental Action Plan Stage XI) in line with international targets (Kunming-Montreal Global Biodiversity Framework).

- Vision for 2050: Create a world in harmony with nature, where "nature and biodiversity," which are fundamental to a sustainable society, are fully restored through digital technology.
- 2030 Mid-term Target: Reduce negative impacts on biodiversity by at least 25% (Base year : FY2020) in the area of company's corporate activities, including supply chain, and promote activities to increase positive impacts on it.
- 2025 Short-term Target: Reduce negative impacts on biodiversity by at least 12.5% (Base year : FY2020) in the area of company's corporate activities, including supply chain, and promote activities to increase positive impacts on it.

We will continue to implement activities to reduce negative impacts and increase positive impacts on biodiversity.

FY2022 Results

Target under the Fujitsu Group Environmental Action Plan (Stage X)	FY2022 results
To visualize and reduce the impact of corporate activities on ecosystems and on biodiversity	Establishment of a calculation method that uses Ecological Footprint (EF) as the indicator for visualizing the impact of corporate activities on biodiversity.

Establishment of a calculation method that uses Ecological Footprint (EF) as the indicator for visualizing the impact of corporate activities on biodiversity

Of the Global Targets for 2030 established by the Kunming-Montreal Global Biodiversity Framework adopted at CBD-COP15, one of the most relevant targets to the business sector is Target 15: "All businesses (public and private, large, medium and small) assess and report on their dependencies and impacts on biodiversity, from local to global, and progressively reduce negative impacts, by at least half and increase positive impacts, reducing biodiversity-related risks to businesses and moving towards the full sustainability of extraction and production practices, sourcing, and supply chains, and use and disposal." At the 24th meeting of the Subsidiary Body on Scientific, Technical and Technological Advice (SBSTTA-24), assessment indicators for each target were also discussed and Ecological Footprint was proposed as one of the candidate indicators for Target 15.

In FY2022, we established a calculation method that uses the Ecological Footprint, (hereinafter referred to as "EF") selected as an indicator to assess negative impacts on biodiversity, to facilitate the comprehensive evaluation of all corporate activities. We used the method to identify significant negative-impact factors in EF assessment in association with the Group's corporate activities.

FY2022 Initiatives in Detail

Establishment of a calculation method that uses Ecological Footprint, an indicator for assessing the negative impacts of corporate activities on biodiversity

The Fujitsu Group selected EF as an assessment indicator for the following reasons:

1. EF is a component indicator for Target 15 of the Global Targets for 2030, proposed by SBSTTA-24, selected based on scientific findings.
2. All corporate activities can be comprehensively evaluated.

- CO-CHAIRS' SUMMARY AND PROPOSED LIST OF INDICATORS FOR CONSIDERATION IN DEVELOPING THE MONITORING FRAMEWORK
  FOR THE POST-2020 GLOBAL BIODIVERSITY FRAMEWORK

Goal/Milestone/Target[5]	Headline indicator	Summary of the assessment	Component indicator	Complementary indicators
Target 15. All businesses (public and private, large, medium and small) assess and report on their dependencies and impacts on biodiversity, from local to global, and progressively reduce negative impacts, by at least half and increase positive impacts, reducing biodiversity-related risks to businesses and moving towards the full sustainability of extraction and production practices, sourcing and supply chains, and use and disposal.	15.0.1 [Number of companies assessing and reporting on their][Quantified volumes of] Dependencies [and] impacts[, risks and opportunities] of businesses on biodiversity [and related human rights]	Relevance: Green Nationally feasible: Yellow Globally feasible with national disaggregation: Yellow Readiness: Red Summary: Relevant, not fully operational Most Parties felt that an indicator on dependencies and impacts was relevant; however, such an indicator would need to be further defined and elaborated. Parties suggested a number of adjustments to the indicator and/or alternative indicators	Tbc (will align with the Task Force for Nature-related Financial Disclosures) 15.4.1 Ecological footprint 15.4.2 Recycling rate	t15.1. CO$_2$ emission per unit of value added (SDG indicator 9.4.1) t15.2. Change in water-use efficiency over time (SDG indicator 6.4.1)

Source: CBD/SBSTTA/REC/24/2, March 27, 2022

In working on the calculation method, we used the Business & Biodiversity Interrelationship Map® (provided by Japan Business Initiative for Biodiversity (JBIB)) as the basis for extracting items that depend on and also have an impact on biodiversity, and determined the corresponding Activity Amount items, as set out in the table below.

- Table: Nature dependency and impact items in the Fujitsu Group and corresponding activity data

Life Cycle	Dependence on Nature	Impact on Nature	Activity Amount Item
Procurement	Consumes raw materials	-	Amount of resources used (biotic, abiotic)
	-	Emission into the atmosphere	Amount of CO_2 emitted
Design & Development / Manufacturing	Consumes water resources	-	Amount of water used
	Consumes chemical substances	-	Amount of PRTR, VOC handled
	Consumes energy	-	Amount of electricity purchased
			Amount of heavy oil Type A used
			Amount of kerosene used
			Amount of gasoline used
			Amount of light oil used
			Amount of natural gas used
			Amount of city gas used
			Amount of LPG used
			Amount of LNG used
			Amount of district heating and cooling supply used
	-	Emission into the atmosphere	Amount of CO_2 emitted
			Amount of NOx, SOx emitted
			Amount of PRTR, VOC emitted
			Amount of waste incinerated
	-	Discharge into water bodies	Amount of BOD, COD emitted
			Amount of PRTR emitted
	-	Discharge into the ground	Amount of waste to landfill
Logistics & Sales	Consumes energy	-	Amount of energy consumed
	-	Emission into the atmosphere	Amount of CO_2 emitted
Usage	-	Emission into the atmosphere	Amount of CO_2 emitted
Other	-	Land used for business	Business site area

We then established an EF calculation method, using the above Activity Amount items as inputs.

We used life cycle inventory (LCI) data to convert resource use and some of the other Activity Amount items to Corporate Activity items corresponding to EF coefficients. Where an EF coefficient cannot be directly used for certain Corporate Activity items such as use of water resources, this is reflected in the EF calculation by using additional conversion logic based on scientific knowledge and expanded from the original EF.

Integrated Assessment of Corporate Activities by Ecological Footprint (EF) in Fujitsu Group

Activity Amount Item

- Amount of biotic resources used — LCI data base
- Amount of abiotic resources used — LCI data base
- Amount of chemical substances (PRTR, VOC) used — LCI data base
- Amount of all types of energy consumed — LCI data base
- Amount of water used
- Amount of chemical substances (PRTR, VOC) emitted
- Amount of BOD, COD emitted
- Amount of NOx, SOx emitted
- Amount of waste to landfill
- Amount of waste incinerated
- Amount of CO_2 emitted
- Business site area

Corporate Activity

- Use of biotic resources (FG*1, SC*2)
- Use of land (FG, SC)
- Use of water resources (FG, SC) — Convert towatershed forest area — EF coefficient
- Emission of chemical substances (FG) — Convert the amount of diluting water to continental-shelf area — EF coefficient
- Emission of BOD, COD (FG) — Convert the amount of diluting water to continental-shelf area — EF coefficient
- Emission of NOx, SOx (FG) — Convert to forest absorption area — EF coefficient
- Discharge of waste (FG) — Convert to landfill area — EF coefficient
- Emission of CO_2 (FG, SC) — EF coefficient

EF coefficient (Use of biotic resources)
EF coefficient (Use of land)

EF Land Category

- Built-up land
- Cropland
- Grazing land
- Forest product Footprint
- Fishing grounds
- Carbon Footprint

FG*1: Fujitsu Group, SC*2: Supply Chain

Identifying of Significant Negative-Impact Factors in EF Assessment

The results of our EF assessment of the Fujitsu Group's corporate activities show that CO_2 emissions in the Group and its value chain account for 92% of factors. Use of water resources account for the remaining 8%, mainly attributable to energy consumption. We are therefore able to establish that CO_2 emissions and energy consumption together account for 99% of factors. This means that activities aimed at reducing GHG emissions, such as energy conservation and the introduction of renewable energy, can also reduce the Ecological Footprint. In short, this is evidence that the Group's climate change measures are proving effective in reducing the negative impact on biodiversity. The FY2022 results showed a 4 % reduction in comparison to FY2020 (*1).

*1   EF coefficients are fixed for comparison.

EF Calculation Results in Fujitsu Group (FY2020)
- Percentage by Corporate Activity -

90% of this amount is attributable to energy use
Water resource use (FG, Supply Chain) 8%
Emission of CO_2 (FG) 10%
Emission of CO_2 (Supply Chain) 82%
Other activities: Close to 0%
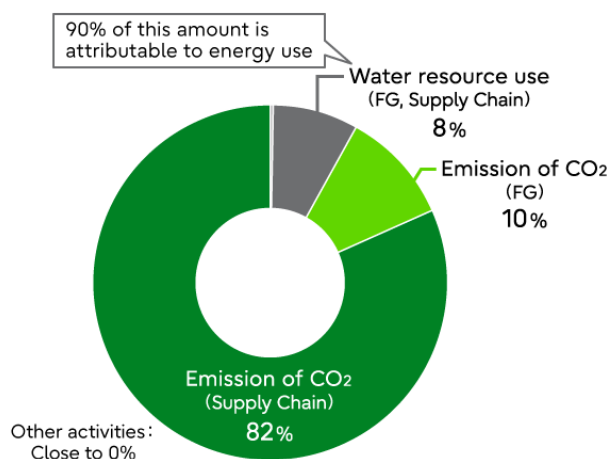
Environmental Data
Global Warming Prevention

GHG Emissions Report Based on GHG Protocol ★ Indicators assured by third party

Indicator		FY2019	FY2020	FY2021	FY2022
Upstream (Scope 3) [ktons-CO$_2$]					
	Purchased goods and service	1,551 (*4)	1,192 (*4)	1,304 (*4)	1,361 ★
	Capital goods	9	15	13	11
	Fuel and energy-related activities not included in Scopes 1 and 2	133	99	94	85
	Transportation and distribution (Upstream)	64	53	71	44
	Waste generated in operations	N/A (*3)	N/A	N/A	N/A
	Business travel	155	27	23	48
	Employee commuting	52	5	6	5
	Leased assets (Upstream)	115	88	64	72
Reporting company (Scope 1, 2) [ktons-CO$_2$]					
	Direct emissions (Scope1)	87	75	70	65 ★
	Indirect emissions from energy sources (Scope2)	715 (*1) 663 (*2)	583 (*1) 540 (*2)	530 (*1) 428 (*2)	476 (*1) ★ 341 (*2) ★
Downstream (Scope 3) [ktons-CO$_2$]					
	Transportation and distribution (Downstream)	N/A	N/A	N/A	N/A
	Processing of sold products	14	12	16	16
	Use of sold products	3,791	3,899	5,588 (*4)	3,693 ★
	End-of-life treatment of sold products	N/A	N/A	9 (*4)	5 ★
	Leased assets (Downstream)	N/A	N/A	N/A	N/A
	Franchises	N/A	N/A	N/A	N/A
	Investment	N/A	N/A	N/A	27
Scope3 total [ktons-CO$_2$]		5,884	5,390	7,157	5,367

*1 Location-based
*2 Market-based
*3 N/A : Not Applicable
*4 In line with the improvement in the accuracy of data collection, we have retroactively adjusted the figures.

Environmental Data
Material Balance

Environmental impact of business activities
★ Indicators assured by third party
INPUT

Stage		Unit	FY2019	FY2020	FY2021	FY2022
Design / Procurement / Manufacturing / Development	Raw Materials					
	Metal	ktons	19	12 (*5)	11	11
	Plastic	ktons	7	4 (*5)	5	3
	Others	ktons	13	8 (*5)	9	7
	Chemical Substances (*1)					
	VOC	ktons	0.6	0.3	0.3	0.3
	PRTR	ktons	9.6	9.8	9.5	7.9
	Water					
	Water usage	Million m³	9.91	6.77	6.89	6.15★
	Energy (*2)					
	Total	PJ	6.89	5.88	5.57	5.09★
	Purchased electricity	GWh	1,477	1,240	1,165	1,062
	Heavy oil, kerosene, etc.	kL	3,570	2,898	2,593	2,440
	LPG, LNG	tons	2,115	2,078	1,982	1,929
	Natural gas, city gas	Million m³	28.93	25.24	24.99	22.89
	District heating and cooling	TJ	37	52	42	39
Distribution / Sales	Energy					
	Fuel (light oil, gasoline, etc.)	PJ	0.95	0.77	1.03	0.63
Usage	Energy					
	Electricity	GWh (PJ) (*6)	8,224 (29.61)	10,171 (*5) (36.61)	12,672 (*3) (45.62)	10,455 (37.64)
Collection / Reuse / Recycling	Resources recycling rate	%	91.1	91.6	92.9	93.6
	Amount processed	tons	3,210	2,991	2,393	1,996

OUTPUT

Stage		Unit	FY2019	FY2020	FY2021	FY2022
Design / Procurement / Manufacturing / Development	Raw Materials					
	CO_2 emissions	ktons-CO_2	450	305 (*5)	312 (*3)	201
	Chemical Substances (*1)					
	VOC	tons	161	135	157	161★
	PRTR	tons	8	6	6	5★
	Atmospheric Release					
	Total GHG emissions	ktons-CO_2	802	658	600	540★
	CO_2 (*3)	ktons-CO_2	795	653	598	538★
	GHG other than CO_2 (PFCs, HFCs, SF_6, NF_3, others)	ktons-CO_2	7	5	2	2★
	NOx	tons	47	26	10	33
	SOx	tons	1	1	0.3	0.3
	Water Discharge					
	Total	Million m^3	9.06	6.48	6.68	5.13
	BOD	tons	274	303	301	219
	COD	tons	35	9	15	12
	Waste					
	Amount of Waste Generated	ktons	15.7	11.0	12.5	11.6★
	Thermal recycling volume	ktons	2.8 (*3)	1.5 (*3)	1.8 (*3)	1.7★
	Material recycling volume	ktons	12.3 (*3)	9.0 (*3)	10.0 (*3)	9.4★
	Disposal volume	ktons	0.6	0.5	0.7	0.5★
Distribution / Sales	Atmospheric Release					
	CO_2	ktons-CO_2	64	53	71	44
Usage	Atmospheric Release					
	CO_2	Million tons-CO_2	3.79	3.90	5.59 (*3)	3.69★

*1 Substances that qualify as both a PRTR targeted chemical and a VOC are included under "VOCs" only.
*2 We used the calorific value conversion factor of 9.97 MJ/kWh specified by the Act on the Rational Use of Energy (Energy Conservation Act) to disclose the value of electricity consumption converted to primary energy, but we have changed the method to disclose the value without conversion to primary energy from this fiscal year.
*3 In line with the improvement in the accuracy of data collection, we have retroactively adjusted these figures.
*4 Location-based
*5 Figures have been revised due to changes in business areas.
*6 We used to disclose the primary energy conversion value of electricity consumption in PJ units using the calorific conversion factor specified by the Act on the Rational Use of Energy (Energy Conservation Act), but we have changed the method to disclose the value without primary energy conversion.

Environmental Performance Data Calculation Standards

- Applicable Period: April 1, 2022 – March 31, 2023

Fujitsu Group Environmental Action Plan (Stage X)

Boundary : Refer to 5 -3 -4 in this Book

Target Item	Indicator	Unit	Calculation Method

Reduce greenhouse gas (GHG) emissions from business sites each year by 4.2% or more, compared with the base year of FY2013.	GHG emissions	tons-CO_2	• Amount of CO_2 emissions:
			① Fuel, gas and heat supplied
			Σ[(Annual consumption of fuel oil, gas and heat supplied) x CO_2 conversion factor for each type of energy*]
			*CO_2 conversion factor: Conversion factor based on the Act on Promotion of Global Warming Countermeasures
			② Electricity
			Annual electricity consumption x CO_2 conversion factor (for location and market calculations)
			• Location-based:
			  • Japan: Usage of 0.436 tons-CO_2/MWh in FY 2021 (Source: Adjusted emission factors published on February 13, 2023 from the Electric Power Council for a Low Carbon Society)
			  • Overseas: Latest IEA value (IEA Emissions Factors 2022)
			• Market-based:
			  • Japan: FY 2021 emission factors for each power producer are used (adjusted emission factors) (Source: GHG Emissions Accounting, Reporting, and Disclosure System List of Emission Factors by Power Producer)
			  • Overseas: Value of the power company or the latest IEA value (IEA Emissions Factors 2022)

			• Greenhouse gas emissions other than energy-derived CO_2: Annual emissions of greenhouse gases (Non-energy source CO_2, CH_4, N_2O, HFCs, PFCs, SF_6, NF_3) other than energy-derived CO_2 at Atsugi Research Laboratories of FUJITSU LIMITED and SHINKO ELECTRIC INDUSTRIES CO., LTD.. Σ [Annual emissions for each type of gas[*1] x Global warming potential for each gas[*2]] *1 Based on the calculation method used by the appliances and electronics industries: Amount of each gas used (or purchased) x Reactant consumption rate x Removal efficiency, etc. *2 Global Warming Potential (GWP): IPCC (Intergovernmental Panel on Climate Change) Fourth Assessment Report "Climate Change 2007"
	Rate of reduction of GHG due to voluntary efforts	%	(Total amount of GHG reductions due to voluntary efforts / total amount of GHG emissions in the previous fiscal year) × 100
Improve PUE (Power Usage Effectiveness) of our data centers by 3%, compared with FY 2017.	Rate of PUE improvements	%	• PUE = Σ (Total DC energy consumption) ÷ Σ (Total IT device energy consumption) Σ: Combined total energy of the 23 main DCs • Rate of improvement (%) = (Base fiscal year PUE - PUE for the current fiscal year) ÷ Base fiscal year PUE x 100 Base fiscal year: FY 2017
Increase renewable energy usage to 16% of total electricity.	Ratio of renewable energy use	%	Ratio of the total amount of electricity generated by the company and purchased from outside using renewable energy (Solar, wind, hydro, biomass, geothermal, etc.) used in the fiscal year to the amount of electricity used in the fiscal year

Reduce CO_2 emissions due to power consumption during product usage by 17% or more, compared with FY2013.	Rate of reduction in CO_2 emissions when products are used	%	Rate of reduction in GHG emissions based on FY 2013 emissions, as calculated under Scope 3: Use of products sold downstream
Promote eco design for resource saving and circulation and increase resource efficiency of newly developed products by 10% or more, compared with FY 2019.	Rate of improvement of resource efficiency of new products	%	• The average rate of improvement of resource efficiency (versus FY 2019) of products*. * Hardware products under the Fujitsu Brand, newly developed between FY 2021 and FY 2022. Excludes products not designed by Fujitsu (OEM products) and products designed under customer specifications. * Refer to "Improving resource efficiency of products" for the resource efficiency calculation method.
Reduce water usage by 30,000 kiloliters or more by implementing water resource conservation measures.	Amount of water usage reduction	m^3	Take the accumulated impact (actual or estimated) of water use reduction measures implemented at each business site, and calculate the amount of reduction for the relevant fiscal year

GHG Emissions Amount Report based on GHG Protocol

	Indicator	Unit	Calculation Method
Upstream (Scope 3)	Purchased goods and services	tons-CO_2	Components purchased during the fiscal year x Emissions per unit of purchase (Source: Embodied Energy and Emissions Intensity Data (3EID) published by the National Institute for Environmental Studies Center for Global Environmental Research) The procurement volume is for the Fujitsu Group's centralized purchasing and does not include voluntary procurement by each Group company
	Capital goods	tons-CO_2	Total amount of acceptance inspection of construction objects in the fiscal year × emission intensity (Source: Database for calculating an organization's greenhouse gas emissions through its supply chain ver. 3.2 published by the Ministry of the Environment and the Ministry of Economy, Trade and Industry)
	Fuel and energy-related activities (not included in Scope 1 or 2)	tons-CO_2	Annual amounts of fuel oil and gas, electricity and heat purchased (consumed) mainly at business sites owned by Fujitsu x Emissions per unit (Source: Database for calculating an organization's greenhouse gas emissions through its supply chain ver. 3.1 published by the Ministry of the Environment and the Ministry of Economy, Trade and Industry, Based on the Japanese emissions intensity database, IDEA v2.3 (For calculating greenhouse gas emissions in the supply chain)
	Transportation and distribution (upstream)	tons-CO_2	Transportation of goods within Japan: CO_2 emissions related to the transportation of goods within Japan by the Fujitsu Group * CO_2 emissions related to domestic transportation by the Fujitsu Group, based on the Act on the Rational Use of Energy as a source. The fuel economy method (for some vehicles) or the improved ton-kilometer method (vehicle, rail, air)
		tons-CO_2	International transport/overseas local transport: transportation ton-kilometer x Emission per unit (Source: GHG protocol emissions coefficient database)
	Waste generated in operations	tons-CO_2	Annual amounts of waste (discharged mainly by business sites owned by Fujitsu) processed or recycled, by type and processing method x Emissions per unit of annual amount of waste processed or recycled (Source: Database for calculating an organization's greenhouse gas emissions through its supply chain ver. 3.2 published by the Ministry of the Environment and the Ministry of Economy, Trade and Industry, Based on the Japanese emissions intensity database, IDEA v2.3 (For calculating greenhouse gas emissions in the supply chain)

	Business travel	tons-CO_2	(By means of transport) Σ(Transportation expense payment x Emissions per unit) (Source: Basic Guidelines for Calculating Greenhouse Gas Emissions Via Supply Chains Ver. 2.3 and Emissions per Unit Database Ver. 3.1 published by the Ministry of the Environment and the Ministry of Economy, Trade and Industry)
	Employee commuting	tons-CO_2	For portions of commute by public transportation: (By means of transport) Σ (Transportation expense payment x Emissions per unit) (Source: Same as above) For portions of commute by private automobile: Σ (Transported persons-kilometer x Emissions per unit) (Source: Same as above) Transported persons-kilometer : calculated from transportation expense payment, price of gasoline, and fuel efficiency
	Leased assets (Upstream)	tons-CO_2	Annual amounts of fuel oil, gas, electricity, and heat consumed mainly at leased business sites x Emissions per unit of fuel oil, gas, electricity, and heat consumed (Sources – Japan: Act on Promotion of Global Warning Countermeasures – GHG Emissions Accounting, Reporting, and Disclosure System; Overseas: IEA CO_2 Emissions from Fuel Combustion Highlights 2021)
Reporting company (Scope 1, 2)	Direct emissions	tons-CO_2	Amount of CO_2 emissions from the consumption of fuel oil and gas (burning of fuel) and GHG emissions other than CO_2, mainly at business sites owned by Fujitsu * For the calculation method, see "Reduce greenhouse gas (GHG) emissions from business sites each year by 4.2% or more" in the Environmental Action Plan (Stage X)
	Indirect emissions from energy sources	tons-CO_2	CO_2 emissions from the consumption (purchase) of electricity and heat mainly at business sites owned by Fujitsu * For the calculation method, see "Reduce greenhouse gas (GHG) emissions from business sites each year by 4.2% or more" in the Environmental Action Plan (Stage X).
Downstream (Scope 3)	Processing of sold products	tons-CO_2	Intermediate product sales volume[1] x Emissions per unit of processing volume[2] *1 Intermediate product sales volume: Fujitsu's device solution sales *2 Emissions per unit of processing volume: Calculated from Fujitsu's FY 2015 assembly plant data
	Use of sold products	tons-CO_2	Electricity consumption during product use [3] x Emissions per unit electricity [4] *3 Electricity consumption during product use: Calculated as power consumption per unit of each major product shipped in the fiscal year[1] during the estimated time of use x Units shipped for the subject fiscal year. Electricity usage for the anticipated usage time per product unit is calculated as electricity consumed (kW) x Time used (h / Days) x Number of days used / Year x Number of years used. Time used (h), number of days used per year, and number of years used are set according to Fujitsu's internal scenarios *4 Emissions intensity: • Japan: Usage of 0.436 tons-CO_2/MWh in FY 2021 (Source: Adjusted emission factors published on February 13, 2023 from the Electric Power Council for a Low Carbon Society) • Overseas: Latest IEA value (IEA Emissions Factors 2022)
	End-of-life treatment of sold products	tons-CO_2	Σ (Weight of major products sold during the fiscal year [1] by type (t) x Percentage of waste by type and treatment method (%) [5] x Emissions intensity by type and treatment method (tCO_2e/t)) (Source: Database for calculating an organization's greenhouse gas emissions through its supply chain ver. 3.3 published by the Ministry of the Environment and the Ministry of Economy, Trade and Industry. The emission intensity includes the transportation stage of waste.) *5 The percentage by type of waste and disposal method is calculated based on the waste disposal results of our company Recycling Center in the previous fiscal year for products sold, and based on the waste disposal results of the PC3R Promotion Association for the current fiscal year for other products collected.

Response to Environmental Risks: Environmental Liabilities

Indicator	Unit	Calculation Method
Cost of environmental liabilities	Yen	1. Asset retirement obligation (Only asbestos removal cost related to facility disposal) 2. Cost for soil contamination countermeasures 3. Disposal processing cost for waste with high concentration of PCB (polychlorinated biphenyl)

Response to Environmental Risks: Preventing Soil and Groundwater Pollution

Indicator	Unit	Calculation Method
Measured value of groundwater pollution	mg/L	The highest value in the fiscal year for substances detected at levels exceeding regulated levels set in the Soil Contamination Countermeasures Act, etc., at monitoring wells at the boundaries of sites where past business activities have resulted in soil contamination

Material Balance

Boundary : Refer to the "List of Organizations Covered by the Report on Environmental Activities" or 5-3-5-10~5-3-5-13 in this book.

Indicator			Unit	Calculation Method
INPUT				
Design/ Procurement/ Manufacturing/ Development	Raw Materials		tons	Material inputs to our major products *[1] shipped from plants in the fiscal year (raw materials per unit for each product x The number of units shipped in the fiscal year)
	Chemical Substances	Volume of substances subject to VOC emissions restrictions	tons	Of the 20 VOCs (Volatile Organic Compounds) specified in the environmental voluntary action plans of the four electrical and electronic industry associations*[2], total amounts handled are provided for those substances handled in quantities exceeding 100 kg annually per substance at individual business sites, including overseas sites Substances subject to VOC emissions controls that are also covered by the PRTR law are included in the section on substances subject to VOC emissions controls
		Volume of PRTR-targeted substances	tons	Of the substances covered by the PRTR law (Act on Confirmation, etc. of Release Amounts of Specific Chemical Substances in the Environmental and Promotion of Improvements to the Management Thereof), totals are provided for those substances handled in quantities exceeding 100 kg annually per substance per business site, including overseas sites
	Amount of water used		m^3	Annual use of clean water, industrial water and groundwater (not including groundwater used for melting snow or extracted for purification.)
	Amount of Recycled water		m^3	Annual amount of water used for manufacturing and other purposes once, then recovered, processed, and used again for manufacturing and other processes.
	Energy consumption (calorie basis)		GJ	Σ [Purchased electricity + Local Heat Supply + (Annual consumption of fuel oil and gas) x Thermal conversion factor for each type of energy*] * Thermal conversion factor (Heating value unit): According to the "Act on the Rational Use, etc., of Energy," conversion factors from each supplier or 44.8 GJ/1000 m^3 were used for town gas.

		Purchased electricity	MWh	Annual electricity purchases
		Bunker A, fuel oil, light oil, benzine, gasoline	kL	Annual fuel oil usage (or purchases)
		Natural gas	m³	Annual natural gas usage (or purchases)
		Town gas	m³	Annual town gas usage (or purchases)
		LPG	tons	Annual LPG usage (or purchases)
		LNG	tons	Annual LNG usage (or purchases)
		District heating and cooling	GJ	Annual district heating and cooling (cold and hot water for cooling and heating) usage (or purchases)
Distribution / Sales	Energy consumed for transport		GJ	Total value of transport energy consumption for Fujitsu[1] and Fujitsu Group companies [2] [1] Fujitsu (domestic transport): Energy consumption related to domestic transport by the Fujitsu Group, based on the Act on the Rational Use of Energy "Logistics." [2] Fujitsu Group Companies: Calculated from the transport CO_2 emissions from OUTPUT (distribution and sales) using the ratio of Fujitsu (domestic transport) transport energy consumption to transport CO_2 emissions.
Use of sold Products	Energy	Electricity	GWh	Electricity consumed in connection with major products [1] shipped from plants during the fiscal year (Amount of electricity used for time estimated per product unit x Units shipped in the fiscal year) ＊Unit conversion factor : Physical quantity is used for energy conversion of electric power quantity (3.6MJ/kWh)."
			PJ	
Recycling of resources	Resource recycling rate		%	Based on the calculation method provided by JEITA, recycled components and resources are calculated as a percentage of the weight of used products processed in Japan. Excludes collected waste other than used electronic products.
	Processed volume		tons	
OUTPUT				
Design/ Procurement/ Manufacturing/ Development	Raw Materials	CO_2 emissions	tons -CO_2	CO_2 emissions related to all stages from resource extraction through processing into raw materials (CO_2 emissions equivalent for raw materials used per product unit x Units shipped in the fiscal year) for the raw materials used in major products[1] shipped from plants in the fiscal year
	Chemical Substances	Volume of substances subject to VOC emissions restrictions	tons	Of the 20 VOCs (Volatile Organic Compounds) specified in the environmental voluntary action plans of the four electrical and electronic industry associations[2], total amounts released are provided for those substances handled in quantities exceeding 100 kg annually per substance at individual business sites, including overseas sites. Substances subject to VOC emissions controls that are also covered by the PRTR law are included in the section on substances subject to VOC emissions controls.
		Volume of PRTR-targeted substances released	tons	Of the substances covered by the PRTR law (Act on Confirmation, etc. of Release Amounts of Specific Chemical Substances in the Environment and Promotion of Improvements to the Management Thereof), released totals are provided for those substances handled in quantities exceeding 100 kg annually per substance per business site, including overseas sites. It is the sum of air emissions and water emissions.

	Atmospheric pollution	CO_2 emissions	tons-CO_2	* For the calculation method, see "Greenhouse gas emissions (CO_2 emissions) from business sites" in the Environmental Action Plan (Stage X).
		GHG emissions other than CO_2	tons-CO_2	* For the calculation method, see "Greenhouse gas emissions (GHG emissions other than CO_2) from business sites" in the Environmental Action Plan (Stage X).
		NOx emissions	tons	NOx concentration (ppm) x 10^{-6} x Dry gas emissions (m^3N/hr) x Operating time (hr/yr) x 46/22.4 x 10^{-3}
		Sox emissions	tons	SOx concentration (ppm) x 10^{-6} x Dry gas emissions (m^3N/hr) x Operating time (hr/yr) x 64/22.4 x 10^{-3}
	Water Discharge	Wastewater discharges	m^3	Annual water discharge into public waterways and sewers (not including groundwater used for melting snow, but including groundwater extracted for purification when the amount of water is known)
		BOD emissions	tons	BOD concentration (mg/l) x Water discharges (m^3/yr) x 10^{-6}
		COD emissions	tons	COD concentration (mg/l) x Water discharges (m^3/yr) x 10^{-6}
	Waste	Amount of waste generated	tons	Total value obtained by adding the total amount of effective utilization (thermal recycling, material recycling) and the amount of waste processed
		Thermal recycling volume	tons	Among all types of waste put to effective use, the total volume used in thermal recycling * Thermal recycling: Recovery and use of the heat energy generated by incinerating waste
		Material recycling volume	tons	Among all types of waste put to effective use, the total volume used in material recycling * Material recycling: Processing of waste to facilitate its reuse, and re-use of processed waste as material or raw materials for new products
		Disposal volume	tons	Volume of industrial and general waste processed by, for example, landfilling or simple incineration
Distribution / Sales	Atmospheric Release		tons-CO_2	For the calculation method, see "Transportation and distribution (upstream)" in the GHG Emissions Amount Report based on GHG Protocol.
Use of sold Products	Atmospheric Release		tons-CO_2	For the calculation method, see "Use of sold products" GHG Emissions Amount Report based on GHG Protocol.

*1 Major products: Personal computers, servers, workstations, storage systems, printers, financial terminals, retail terminals, routers, LAN access equipment, access network products and mobile phone base stations.

*2 Four electrical and electronic industry associations:
The Japan Electrical Manufactures' Association (JEMA), Japan Electronics and Information Technology Industries Association (JEITA), Communications and Information Network Association of Japan (CIAJ), and Japan Business Machine and Information System Industries Association (JBMIA).

List of Organizations Covered by the Report on Environmental Activities in FY2022

Organizations covered by the report

The coverage is of Fujitsu itself plus a total of 82 companies centering on consolidated subsidiaries that have built environmental management systems. The table below shows the organizations[1] for which individual performance data is gathered.

   *1 The following company names are as of March 31, 2023.

Organizations covered by each Indicators

①GHG emissions : All Fujitsu Group business sites

②Scope 1, 2   : Fujitsu and the Fujitsu Group's own offices and managed rental offices

③Energy   : Fujitsu and the Fujitsu Group's own offices and managed rental offices

④Water   : Japan; Fujitsu and Fujitsu Group offices excluded datacenters
                Overseas; Fujitsu and Fujitsu Group manufacturing sites

⑤Waste   : Japan; Fujitsu offices excluded datacenters and Fujitsu Group manufacturing sites.
                From FY 2021, waste plastics from rental offices are included in the calculation.
                Overseas; Fujitsu and Fujitsu Group manufacturing sites

⑥Chemical   : Fujitsu and Fujitsu Group manufacturing sites
                *The sites that handle less than 100 kg per substance per year are excluded.

⑦EMS   : Organizations with Environmental Management Systems (EMS). Including organizations
                with voluntary EMS.

Headquarters

No.	Company name	①	②	③	④	⑤	⑥	⑦
1	Fujitsu Limited	✔	✔	✔	✔	✔	✔	✔

Fujitsu Group companies in Japan (58companies)

No.	Company name	①	②	③	④	⑤	⑥	⑦
1	FUJITSU HOME & OFFICE SERVICES LIMITED	✔						✔
2	Kawasaki Frontale Limited	✔						✔
3	Fujitsu Techno Research Limited	✔						✔
4	DIGITAL PROCESS LTD.	✔						✔
5	PFU LIMITED	✔	✔	✔	✔	✔	✔	✔
6	FUJITSU BANKING SOLUTIONS LIMITED	✔						✔
7	SHIGA FUJITSU SOFTWARE LIMITED	✔						✔
8	FUJITSU KAGOSHIMA INFORNET LIMITED	✔						✔
9	FUJITSU CLOUD TECHNOLOGIES LIMITED	✔						✔

10	G-Search Limited	✔						✔
11	FUJITSU FSAS INC.	✔						✔
12	FUJITSU COMMUNICATION SERVICES LIMITED	✔						✔
13	FUJITSU NETWORK SOLUTIONS LIMITED	✔						✔
14	Fujitsu Frontech Limited	✔	✔	✔	✔	✔	✔	✔
15	Fujitsu Japan Limited	✔	✔		✔			✔
16	FUJITSU SYSTEM INTEGRATION LABORATORIES LIMITED	✔						✔
17	FUJITSU TOKKI SYSTEMS LIMITED	✔						✔
18	FUJITSU DEFENSE SYSTEMS ENGINEERING LIMITED	✔						✔
19	FUJITSU LEARNING MEDIA LIMITED	✔						✔
20	FUJITSU RESEARCH INSTITUTE	✔						✔
21	FUJITSU CoWorCo LIMITED	✔						✔
22	TWO-ONE LIMITED	✔						✔
23	FUJITSU I-NETWORK SYSTEMS LIMITED	✔	✔	✔	✔	✔	✔	✔
24	Fujitsu Telecom Networks Limited	✔	✔	✔	✔	✔	✔	✔
25	FUJITSU IT PRODUCTS LIMITED	✔	✔	✔	✔	✔	✔	✔
26	Fujitsu Isotec Limited	✔	✔	✔	✔	✔	✔	✔
27	FUJITSU PERSONAL SYSTEM LIMITED	✔						✔
28	FUJITSU QUALITY LABORATORY ENVIRONMENT CENTER LTD.	✔						✔
29	Fujitsu Optical Components Limited	✔	✔	✔	✔	✔	✔	✔
30	FDK CORPORATION	✔	✔	✔	✔	✔	✔	✔
31	Transtron Inc.	✔	✔	✔	✔	✔		✔
32	SHINKO ELECTRIC INDUSTRIES CO. LTD.	✔	✔	✔	✔	✔	✔	✔
33	FUJITSU SEMICONDUCTOR LIMITED	✔						✔
34	FUJITSU CAPITAL LIMITED	✔						✔
35	FUJITSU DATA CENTER SERVICE CORPORATION	✔						✔
36	FUJITSU SEMICONDUCTOR MEMORY SOLUTION LIMITED	✔						✔
37	Fujitsu IT Management Partner Co. Ltd.	✔						✔
38	Fujitsu IS Service Limited	✔						✔
39	FUJITSU ADVANCED SYSTEMS LIMITED	✔						✔
40	FUJITSU SHIKOKU INFOTEC LIMITED	✔						✔
41	Ridgelinez Limited	✔						✔
42	FUJITSU NETWORK SERVICE ENGINEERING LIMITED	✔						✔
43	FUJITSU SOCIAL LIFE SYSTEMS LIMITED	✔						✔
44	Mobile Techno Corp.	✔						✔
45	Per Te Corporation	✔						✔
46	Care Net Ltd.	✔						✔
47	Fujitsu Advance Accounting service Limited	✔						✔
48	Fujitsu Harmony Limited	✔						✔

No.	Company name							
49	AB System Solutions Limited	✔						✔
50	ZIS INFORMATION TECHNOLOGY CORPORATION	✔						✔
51	Fujitsu Yamagata Information Technology Limited.	✔						✔
52	BANKING CHANNEL SOLUTIONS Limited	✔						✔
53	IT MANAGEMENT PARTNERS LIMITED	✔						✔
54	YJK Solutions Co., Ltd.	✔						✔
55	Best Life Promotion Ltd.	✔						✔
56	Fujitsu Traffic & Road Data Service Limited	✔						✔
57	Fujitsu Engineering Technologies Limited	✔						✔
58	FITEC	✔						✔

Fujitsu Group companies worldwide (23 companies)

No.	Company name	①	②	③	④	⑤	⑥	⑦
1	江蘇富士通通信技術有限公司 (Jiangsu Fujitsu Telecommunications Technology Co., Ltd.)	✔	✔	✔	✔	✔		✔
2	FUJITSU HONG KONG LIMITED	✔						✔
3	FUJITSU DO BRASIL LIMITADA	✔	✔	✔				✔
4	FUJITSU ASIA PTE LTD	✔						✔
5	FUJITSU NETWORK COMMUNICATIONS, INCORPORATED	✔	✔	✔	✔	✔		✔
6	Fujitsu North America, Inc.	✔	✔	✔				✔
7	FUJITSU BUSINESS TECHNOLOGIES ASIA PACIFIC LIMITED	✔						✔
8	FUJITSU AUSTRALIA LIMITED	✔	✔	✔				✔
9	Fujitsu Technology Solutions GmbH	✔	✔	✔				✔
10	南京富士通南大軟件技術有限公司 （Nanjing Fujitsu Nanda Software Technology Co., Ltd.)	✔						✔
11	FUJITSU SERVICES LIMITED	✔	✔	✔				✔
12	FUJITSU KOREA LIMITED	✔						✔
13	台湾富士通股分有限公司 (FUJITSU TAIWAN LIMITED)	✔						✔
14	富士通(中国)信息系統有限公司 (Fujitsu (China) Holdings Co., Ltd.)	✔						✔
15	富士通(西安)系統工程有限公司 (FUJITSU (XI'AN) SYSTEM ENGINEERING Co., Ltd.)	✔						✔
16	北京富士通系統工程有限公司 (Beijing Fujitsu System Engineering Co., LTD.)	✔						✔
17	FUJITSU Enabling Software Technology GmbH	✔						✔
18	富士通(中国)有限公司 (FUJITSU (CHINA) Co., Ltd.)	✔						✔
19	Fujitsu Finance America, Inc.	✔						✔
20	FUJITSU EMEA PLC	✔						✔
21	Fujitsu Systems Global Solutions Management Sdn. Bhd.	✔						✔

22	FUJITSU CONSULTING INDIA PRIVATE LIMITED	✔	✔	✔				
23	FUJITSU CONSULTING COSTA RICA, S.A	✔						

Global Responsible Business

─　　Compliance　　─

The Fujitsu Group recognizes the operation and maintenance of internal control systems, including compliance, is one of the most important management issues from the perspective of maintaining and improving corporate value. Therefore, we will ensure to keep all organizations in the group informed about the Code of Conduct guidelines in the Fujitsu Way.
Furthermore, in all our business activities, we shall be aware of and act with integrity at a high level of corporate ethics that respect international and local standards.

Compliance

Compliance

WHAT FUJITSU ASPIRES TO BE

Ensure that all officers and employees within the Fujitsu Group conduct their business activities with a high level of compliance awareness, and through those activities the Fujitsu Group becomes a trusted corporate group that is chosen by stakeholders for investment, business transactions, and employment and that fulfills its role as a model for society.

GOALS FOR FY2025

To ensure that the entire organization is familiar with the Fujitsu Way Code of Conduct, relating to compliance, the Global Compliance Program (GCP) will be implemented throughout the Group to instill a high level of awareness toward compliance. The management team will take the lead in fostering a corporate culture where no employees tolerate any kind of misconduct (Zero Tolerance). We will expand our corporate activities in accordance with the GCP and also seek the understanding of all stakeholders involved in our business

- Send out annual messages on the importance of compliance from management in Fujitsu's head office, including the CEO, and from the heads of Group companies in each country
- Provide annual compliance training to more than 100 business partners
- Prevent bribery and cartels from occurring

GOALS FOR FY2022

To further disseminate compliance-related part of the Fujitsu Way Code of Conduct throughout the entire organization, the Global Compliance Program is rolled out for the entire Fujitsu Group, thereby instilling a high level of compliance awareness in the organization, and the management is to take the lead in fostering a corporate culture where each employee does not tolerate any wrongdoings (Zero Tolerance).

- Deliver messages from the President or the Heads of each Business Group/Region on the importance of compliance (at least once a year)

Policies and Structure for Implementation

The Fujitsu Group has a compliance division under the General Counsel and carry out measures based on the Global Compliance Program (GCP) in cooperation with compliance offices in each region. In addition to fostering a corporate culture that each employee does not tolerate any wrongdoing, the Group is also implementing activities to promote a high level of compliance among all stakeholders in Fujitsu's business, including business partners. The results of these activities are reported to the Risk Compliance Committee, which was established based on "Policy on the Internal Control System" (*1), and raising awareness and ensuring of the Fujitsu Way Code of Conduct in Fujitsu Group are implemented in cooperation with the Board of Directors and Audit & Supervisory Board Members.

In each region, raising awareness and ensuring of the Fujitsu Way Code of Conduct are implemented in cooperation with the Region Risk Compliance Committee established as a subcommittee of the Risk Compliance Committee.

The operational status of the Global Compliance Program is regularly reported to the Risk Compliance Committee, the Region Risk Compliance Committee, and the Board of Directors. The development and operation of internal rules, education, and monitoring systems to comply with various laws and regulations related with Fujitsu Group's business are promoted under the practice and supervision of management.

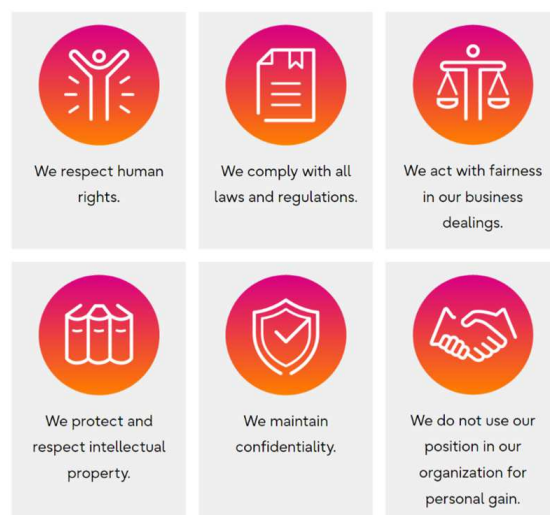*1 Policy on the Internal Control System (p.5-p.8)

Fujitsu Way Code of Conduct

The Fujitsu Way contains a Code of Conduct, which outlines the fundamental principles that all Fujitsu Group employees should abide by, as shown on the right.

Fujitsu has also refined its Fujitsu Way Code of Conduct, by developing the Global Business Standards (GBS) (*2) in 20 languages to serve as a guide on legally compliant behavior for all Fujitsu Group-affiliated employees worldwide, and applies the GBS uniformly across the Fujitsu Group.

   *2   Global Business Standards

Our employee evaluation criteria include assessing the level of an employee's embodiment of "Our Values" under the Fujitsu Way. One of the values is for employees to act with ethics, transparency and integrity. As such, employee personnel assessment and compensation reflect their level of compliance with the Code of Conduct.

We respect human rights.	We comply with all laws and regulations.	We act with fairness in our business dealings.
We protect and respect intellectual property.	We maintain confidentiality.	We do not use our position in our organization for personal gain.

Fujitsu Way Code of Conduct

> Fujitsu Way

> Financial Well-being

Global Compliance Program

Fujitsu has developed the Fujitsu Global Compliance Program (GCP) to implement and disseminate the Fujitsu Way Code of Conduct and the GBS, and is working to maintain and improve the Fujitsu Group's global legal compliance structure. The GCP organizes our various compliance-related activities into five pillars in a systematic manner. The GCP promotes external understanding of Fujitsu's compliance structure and its compliance activities, in addition to clarifying what items Fujitsu needs to address on a continual basis. Based on this GCP, we implement various policies and initiatives in each region, taking into account factors such as each country/region's the legal systems and government institutions guidelines.

When implementing the GCP, we establish internal Group rules and assign a compliance officer in each region to be responsible for compliance activities and ensure the structure's implementation. We also continuously provide employees with various forms of training, with the goal of embedding the Fujitsu Way Code of Conduct and the GBS. In addition, we have established an internal whistleblower system in the event of compliance issues, and employees are required to immediately report compliance violations to the Risk Management & Compliance Division if they are discovered. We periodically verify the effectiveness of the GCP through measures such as risk assessment, audit, and reviews by external specialists, and continuously work towards improving the GCP.

Global Compliance Program

1. Establishing Policies and Procedures

Fujitsu Group's minimum requirements for internal rules that must be established by Fujitsu Group companies have been put together as the Fujitsu Group Global Policy. This policy establishes norms, rules, etc., after taking each country's law, culture, customs and other characteristics into account.

We have instituted the Rules for Compliance with the approval of the Risk Management & Compliance Committee, and expanded the Rules for Compliance into Japanese Group companies with the aim of thoroughly ensuring compliance and sustainably improving corporate value. In particular, under the above rule, we have established more specific, detailed rules and guidelines in the areas with significant impact on business; namely, antitrust law, anti-bribery, and antisocial forces.

For non-Japanese Group companies, in addition to the Fujitsu Group Global Policy, we have formulated global guidelines based on the approval of the Risk Management & Compliance Committee, and have had these guidelines adopted into the internal rules of each non-Japanese Group company. In addition to issuing General Compliance Guidelines which correspond to the above Rules for Compliance, we have also issued global guidelines which relate to competition laws and various guidelines which pertain to bribery prevention.

With regard to bribery and conflict of interest, in addition to principles defined in the GBS, we have established various internal rules that state the advance application and approval processes required for actions such as providing gifts and hospitality to government officials , receiving gifts and entertainment from business partners by our employees, giving donations, sponsorships and charitable contributions to various organizations, including political organizations, and facilitating payments. We also conduct compliance checks of organizations that receive donations and sponsorships. Furthermore, as one measure for conducting advance surveys and evaluation of transaction risk in regions and fields that are at a high risk for corruption, we perform due diligence at the time of starting new transactions. We screen our suppliers through steps such as requiring suppliers to complete questionnaires according to their risk level. We also require partners to abide by laws and regulations through contracts and other means.

Moreover, we have a new global rule that details the GBS principles regarding conflicts of interest, and have clarified specific matters to be addressed and their assessment criteria in FY2022.

2. Top-Level Commitment and Securing of Resources

Top management expresses its intentions to strive for compliance proactively and continuously through measures such as sending messages to employees. In doing so, Fujitsu puts the Code of Conduct and the GBS into practice and spread them throughout the entire Fujitsu Group.

The President himself has repeatedly sent out messages to all employees, both in Japan and overseas, declaring that Fujitsu will put an end to compliance violations such as collusion and the formation of cartels. Even overseas, regional heads and Group company top managers continuously send out messages emphasizing the importance of compliance and a corporate culture that has zero tolerance for wrongdoing.

Furthermore, Fujitsu established the annual Fujitsu Compliance Week which begins on December 9th runs until December 15th, to coincide with "International Anti-Corruption Day"(December 9th). During that week, compliance messages are simultaneously sent to employees by top management (including the CEO) at Fujitsu headquarters and the Heads of each business region, and Presidents of group companies in each country. We also release annually updated Compliance e-Learning to employees of all Group companies, and provide compliance-related activities planned for each region.

Additionally, we have assigned staff in charge of compliance operations in each region, and have formed a global network composed of staff in charge of risk compliance at each Fujitsu Group company. Based on these steps, we have established a system for operation of our Global Compliance Program. In FY2022, officers responsible for compliance in each region visited Japan for a discussion on a future global compliance policy.

Compliance officers' meeting

3. Training and Communication

The Fujitsu Group continuously conducts various training and communication activities for executives and employees in order to embed and implement the Fujitsu Way Code of Conduct, the Global Business Standards, and other internal rules.

We provide Compliance e-Learning for all Fujitsu Group executives and employees every year. The contents of this e-learning includes risk areas such as bribery, collusion, fraudulent accounting, and security export control. Moreover, in order to reflect the results of risk assessment and social conditions, the Compliance Division at Fujitsu headquarters and compliance staff from each region conduct an annual review of the e-learning. In 2022, compliance e-learning was conducted in 14 languages for all Fujitsu Group executives and employees (approximately 120,000 people). As of April 2023, 96.8% of all executives and employees have already taken the course.

In addition to the measures listed above, we conduct timely online training and e-learning in accordance with the risk level of each organizational level, region, and division. The training and e-learning is based on laws, customs, and actual business conditions in each country. Every year, Fujitsu and domestic Group companies hold compliance training sessions targeted at newly appointed executives. This training is conducted by lawyers from outside Fujitsu, and the company's legal and compliance divisions. For managers, we periodically conduct internal training where in-house instructors explain the importance of the Code of Conduct and compliance, in addition to discussing typical scenarios and difficult situations. We have also implemented compliance education as part of training for new employees. In addition to ensuring that new employees understand the importance of the Fujitsu Way Code of Conduct and the Global Business Standards, we continually provide education that focuses on specific risks in organizations such as sales divisions and legal division. In FY2022, we conducted compliance training for approximately 1,300 partner companies.

4. Reporting and Responding to Incidents

Establishing an Internal Whistleblower System

The Fujitsu Group has established an internally and externally accessible portal, operated as Fujitsu Alert, to receive internal whistleblower reports and consultation (including anonymous reports) from all Group employees (including board members, retirees, temporary transfers, contracted employees, part-time employees, dispatch workers, and others) and offer consultations. Group companies also maintain and operate separate internal whistleblower systems.

Through a web form or telephone hotline, Fujitsu Alert accepts reports on suspected wrongdoing or concern from all Fujitsu Group employees and external parties relevant to the Fujitsu Group, including customers and suppliers (anonymously, if applicable). Fujitsu Alert is available in 14 languages 24 hours a day, 365 days a year. Fujitsu Alert is also used to communicate (including submission of additional materials and receipt of comments from the Compliance Division) with the whistleblower regarding the contents of the investigation.

We have established a Compliance Line for Suppliers in Japan in order to receive reports from the suppliers who directly supply products, services, software and other goods to Fujitsu and domestic Group companies. Overseas, Fujitsu Alert also accepts reports from customers, suppliers, and other third parties.

> Fujitsu Alert

> Compliance Line for Suppliers in Japan

Fujitsu Alert is publicized to employees via periodic messages, compliance training sessions, websites, and posters. In addition, Fujitsu periodically confirms trends in the usage of Fujitsu Alert in order to ensure increased recognition for and confidence in the systems among employees.

Protection of Whistleblower

Employees are encouraged to report breaches or potential breaches of compliance of which they become aware. Furthermore, if employees are unsure of the appropriate action to be taken, they can seek advice from a supervisor in their division or a specialized division such as the legal division.

Anonymous reports can be submitted to Fujitsu Alert, and we handle information with the utmost care in order to preserve anonymity. Even in cases where the whistleblower is indirectly identified during investigation process, we strictly prohibit the adverse treatment of whistleblowers due to their reports, and any such adverse treatment will be regarded as an extremely serious breach of internal policies.

Response to Reports

When a breach of compliance is reported on Fujitsu Alert, we will conduct an internal investigation under the supervision of responsible managers who are licensed attorneys, and will cooperate with external attorneys when necessary. Fujitsu directly reports the results of its internal investigations to the Board of Directors and the Risk Management & Compliance Committee. These reports are made independent of the division and/or affiliated companies which are involved in the subject matter under investigation. Depending on the content of the report, the Compliance Division may delegate an investigation to other authorized divisions if deemed appropriate.

The Compliance Division will conduct an appropriate internal investigation in order to understand the facts and review possible countermeasures in accordance with applicable laws and professional standards. The internal investigation includes, but is not limited to, consideration of applicable laws, consideration of appropriate investigation steps, evaluation of collected evidence, documentation of investigation results, and reporting or escalation. Depending on the results of the investigation, Fujitsu provides feedback to the whistleblower if necessary based on applicable laws such as the data protection laws and business laws.

In the event that the investigation has verified problems according to the Code of Conduct, Global Business Standards, or other internal rules, we take corrective measures such as disciplinary action and reflect the results in personnel evaluations. In order to prevent similar problems from occurring in the future, we remind all parties of rules, revise systems, strengthen monitoring and supervision, and take other necessary measures.

The process for these investigations, etc., is also reviewed and improved at least once a year, including at the time of establishment of the annual plan under the Global Compliance Program and/or at the time of enactment or amendment of relevant laws.

Fujitsu may be either required by law or decide based on business judgement to provide information about compliance violations to certain government and/or judicial agencies (including, but not limited to, government investigative agencies or courts). When making such decisions, Compliance Division staff work together with managers and other relevant divisions as necessary.

Moreover, letters or emails received via platforms other than Fujitsu Alert are also reviewed for investigation of suspected compliance breach and corrective measures and response are taken as needed.

Total of Reports to Fujitsu Alert and Breakdown

In FY2022, 88 reports were submitted to Fujitsu Alert. Of these, there were no confirmed cases of corruption (bribery included) or legal disputes. The Fujitsu Group takes measures to prevent corruption following its Global Policy on Anti-Bribery and Anti-Corruption (*3) and thoroughly complies with the laws and regulations of each country.

	FY2022	
	Case reported	
		Number of disciplinary actions
Total number of cases	88	9
Human rights violations (harassment, discrimination, etc.)	24	2
Violation of laws or internal rules	9	2
No violations（*4）	15	-
Violation of Competition Act (bid rigging, cartels, etc.)	0	0
Violation of laws or internal rules	0	0
No violations	0	-
Bribery	0	0
Violation of laws or internal rules	0	0
No violations	0	-
Violation of conflicts of interest policy	6	3
Violation of laws or internal rules	3	3
No violations	3	-
Violation of the company's or customers' confidential information or personal information protection	9	0
Violation of laws or internal rules	4	0
No violations	5	-
Insider trading, money laundering	0	0
Violation of laws or internal rules	0	0
No violations	0	-
Other	49	4
Violation of laws or internal rules	13	4
No violations	36	-

*3 Global Policy on Anti-Bribery and Anti-Corruption (P.16-P.18)
*4 "No violations" in the chart includes cases under investigation as of the end of the fiscal year

Filing Reports with the Risk Management & Compliance Committee
When executives or employees become aware that compliance violations have occurred, or recognize signs that violations may occur, they are required by the risk management regulations to immediately file a report with the Risk Management & Compliance Committee and in accordance with the reporting system previously established by the head of the division. In addition, we periodically report to the Risk Management & Compliance Committee, the Board of Directors and Audit & Supervisory Board members concerning internal whistleblower reports and consultations, as well as our responses to major compliance issues. Please refer to the Fujitsu Group Integrated Report for the number of meetings of the Risk Management & Compliance Committee and the Board of Directors.

5. Monitoring and Reassessment

The Fujitsu Group conducts annual verification of the effectiveness of the Global Compliance Program through reviews of our risk assessment and internal auditing activities, and through reviews by external experts such as law firms. We are also working to continuously improve our Global Compliance Program based on the results of applicable reviews and audits, as well relevant social conditions. Please refer to the Risk Management page regarding our risk assessment activities.

The Compliance Division of Fujitsu headquarters continually assesses risk that mainly targets Group companies located in overseas countries and regions with a high risk of corruption. Through interviews with executives/employees and verification of internal rules and business processes, the Compliance Division analyzes the compliance risks of local businesses. It then proposes countermeasures in accordance with the actual contents and extent of risks, and supports the implementation of those countermeasures.

The status of risk assessment and implementation of the Global Compliance Program are periodically reported to the Risk Management & Compliance Committee, the Regional Risk Management & Compliance Committees, and the Board of Directors. The discussions and decisions made at these meetings are reflected and implemented in a timely manner to activities in the Global Compliance Program.

Initiatives for Security Export Controls

The export of goods and the transfer of technology that could be used for the development or production of weapons of mass destruction or conventional weaponry is controlled by an international framework for security export controls, with the objective of maintaining global peace and security. In Japan, regulations for security export controls are implemented under the Foreign Exchange and Foreign Trade Act (the Foreign Exchange Act).

In line with the Fujitsu Way Code of Conduct's stipulation that employees should comply with all laws and regulations, Fujitsu has enacted "Internal Compliance Program" on Security Export Control Regulations whose fundamental objective is the promotion of security export controls that are not only in accordance with the Foreign Exchange Act, but with the Export Administration Regulations (EAR) of the United States, which are applied extraterritorially.

Fujitsu has established a system in which the President serves as the designated Chief Security Export Control Officer, while the Security Export Control Office in the Corporate Governance and Compliance Unit serves as the organization that promotes security export control activities. The Security Export Control Office carries out all classification and transaction screening (verifying the country/region receiving the goods/technology, the intended application for it, and the identity of the client) for export of goods and the transfer of technology to overseas locations, where all necessary licenses are adequately obtained before shipment. In addition, in the "Internal Compliance Program" such process is established that legal violations shall be reported immediately. When conducting business, in order to prevent legal violations by misinterpretation of and/or overlook of related regulations, we coordinate closely with the Ministry of Economy, Trade and Industry, which has jurisdiction over export administration regulations.

In order to maintain this internal system for security export controls and keep it going, we continue to conduct regular audits and provide export controls training to all executives and employees.

With regard to all domestic and overseas Group companies, Fujitsu headquarters offer guidance about how to develop rules and establish frameworks for proper security export controls, provides educational support and audit support, and organizes gatherings within the Group for the purpose of information exchange, among other activities. In addition, since FY 2013, Fujitsu has been developing an e-Learning course that covers security export controls and is available in 20 languages for Group companies around the world.

System to Ensure Proper Financial Reporting

In the "Policy on the Internal Control System", which was resolved by the Board of Directors, Fujitsu stipulates the following points.

- The Company has, apart from the organization that prepares financial reports, an organization under the Chief Financial Officer responsible for establishing, operating, and evaluating internal control over Fujitsu Group financial reporting, to ensure the effectiveness and reliability of financial reports.
- These organizations create rules for establishing, operating, and evaluating internal control over the unified accounting policies shared throughout the Fujitsu Group and financial reporting.
- The organization responsible for establishing, operating, and evaluating internal control over financial reporting periodically reports to the Board of Directors and any other relevant person or organization the results of evaluations on the effectiveness of the internal control.

Status of operations

The organization responsible for internal control and internal audits has established the system and assesses internal control over financial reporting throughout the Fujitsu Group, and reports the activity status and assessment results to the Representative Director and CEO, Chief Financial Officer, Audit & Supervisory Board Members and the Board of Directors in accordance with the principles of the "Practice Standards for Management Assessment and Audit concerning Internal Control Over Financial Reporting" published by the Business Accounting Council.

Our Approach to Tax Matters

Tax Compliance

Tax compliance at the Fujitsu Group is carried out according to the Fujitsu Way Code of Conduct.

We understand the purpose and essence of each country's tax laws and treaties, as well as other guidelines such as those laid out in the Business Erosion and Profit Shifting (BEPS) Project led by the OECD, and abide by them. We strive to file tax returns and pay taxes appropriately. In transactions between related companies, we will comply with the general rule of an arm's length price and distribute profits appropriately.

Tax Governance

The Director who serves as the Chief Financial Officer is responsible for the proper filing and fulfilment of tax returns and obligations, management of tax risks, and optimization of tax expenses. Important matters and risks related to tax are reported to the management meeting and Board of Directors in a timely and appropriate manner for approval.

Transfer Pricing

We comply with the principle of arm's length pricing and distribute profits appropriately when conducting transactions between affiliated companies. We do not transfer business profits generated in countries/regions to countries/regions with low tax rates where we do not conduct business transactions.

Tax Planning

We do not engage in tax planning that is solely for the purpose of avoiding taxes without business purpose or business substance. Similarly, we will not use tax havens to transfer profits with the intention of avoiding taxes.

Relation with Tax Authorities

We strive to build a sound relationship with the tax authority in each country by conducting our business with ethics, transparency, and integrity in accordance with Our Values under the Fujitsu Way.

Based on the above, we aim to achieve proper tax management, in order to continuously improve corporate value.

Tax Information

Tax amount by region (FY2021)

(Unit: one hundred million yen)

	Domestic		Overseas (*6)				Total
			Europe	Americas	Asia Pacific	East Asia	
Amount of tax paid (*5)	549	54	11	14	21	7	603

*5 Figures are based on the Country-by-Country Report submitted to the Japanese tax authority, and not directly related to consolidated financial statements.

*6 Europe includes the Middle East and Africa. East Asia represents the sum of China, Taiwan, and Korea, while Asia Pacific includes other Asian countries and Oceania.

See here for the number of employees.

Company name and main business (as of the end of March 2022)

	Company Name	Main Business
Japan	Fujitsu Ltd. Fujitsu Japan Limited Fujitsu Fsas Inc. PFU Limited Fujitsu Telecom Networks Limited Fujitsu Frontech Limited Fujitsu Network Solutions Limited Fujitsu Isotec Limited Transtron Inc. Fujitsu I-Network Systems Limited Ridgelinez Limited Fujitsu Personal System Limited Shinko Electric Industries Co., Ltd. FDK Corporation etc.	· Consulting, system construction, provision of various services related to maintenance and operation, sales of equipment and software for information systems · Manufacturing of network equipment, network systems, etc. · Planning of network system, consulting, and provision of construction management, operations, maintenance and services · Consulting and research related to digital transformation · Manufacturing of PC servers and development, manufacture and sale of printers · Development, manufacturing, sales and provision of services for ATM and retail systems · Development, manufacture and sales of semiconductor packages · Development, manufacturing and sales of various batteries and electronic components
Europe	Fujitsu Technology Solutions (Holding) B.V. Fujitsu Technology Solutions GmbH Fujitsu Services Holdings PLC Fujitsu Services Limited Fujitsu Finland Oy etc.	· Consulting and system construction, provision of various services related to maintenance and operation, and sale of equipment and software for information systems
Americas	Fujitsu Network Communications, Inc. Fujitsu America, Inc Fujitsu Consulting (Canada) Inc. SHINKO ELECTRIC AMERICA, INC. Fujitsu do Brasil Ltda. etc.	· Development, manufacturing, construction and provision of services related to network equipment and systems · Consulting, system construction, provision of various services related to maintenance and operation, sales of equipment and software for information systems · Sale of semiconductor packages
Asia Pacific	Fujitsu Australia Limited FUJITSU ASIA PTE. LTD. Fujitsu Consulting India Private Limited Fujitsu New Zealand Limited Fujitsu Thailand Co. Ltd. etc.	· Consulting, system construction, provision of various services related to maintenance and operation, sales of equipment and software for information systems
East Asia	Fujitsu Korea Ltd. FUCHI ELECTRONICS CO., LTD Fujitsu（China）Holdings Co., Ltd. XIAMEN FDK CORPORATION Beijing Fujitsu System Engineering Co., LTD. etc.	· Consulting, system construction, provision of various services related to maintenance and operation, sales of equipment and software for information systems · Manufacturing and sale of electronic components · Manufacturing and sale of battery and electronic products

FY 2022 Performance

Compliance Training

- Compliance e-Learning for all officers and employees at the Fujitsu Group (Conducted in 14 languages for approximately 120,000 people): 96.8% of executives/employees have taken the course as of April 2023.
- Other e-Learning and on-demand training for different regions, companies, positions and/or functions (For example, training conducted for newly appointed executives, managers and overseas assignees, newly hired employees or sales employees).
- Conducted training on fair trade for approximately 1,300 partner companies

Security Export Controls

- Regular internal audits: 30 divisions within Fujitsu
- Seminars for employees responsible for export controls at Group companies: 39 domestic Group companies
- Audits, training and structural enhancement and support: 18 domestic Group companies and 19 overseas Group companies

Global Responsible Business

― Supply Chain ―

The Fujitsu Group specifies Co-existence with Suppliers; Fair and Proper Evaluation and Selection of Suppliers; and Promotion of CSR-Conscious Procurement Activities as the procurement guidelines for its global procurement activities, and aims to achieve CSR risk-free procurement to fulfill its corporate social responsibility.

Supply Chain

WHAT FUJITSU ASPIRES TO BE

In its supply chain, the Fujitsu Group will achieve responsible procurement that embraces diversity and gives full consideration to human rights, the environment and health & safety.

GOALS FOR FY2025

Prevention and reduction of human rights risks in the supply chain
- In addition to requesting compliance with the Procurement Guideline, promote the visualization and identification of issues with suppliers and establish a system that prevents problems from occurring

Promotion of GHG emissions reduction in the supply chain
- To promote GHG emissions reduction together with our suppliers, request major suppliers to set numerical targets in line with international standards
(The goal is for our major suppliers to set emissions reduction targets equivalent to SBT WB2℃)

Ensuring diversity in the supply chain
- Based on the social demands of each region and country, set indicators for diversity and engage in activities
- Set support for "empowerment of women" as the main activity in the supply chain in Japan and establish a system to measure the efforts of suppliers

GOALS FOR FY2022

- The Fujitsu Group will achieve responsible procurement in its supply chain.
To ensure that its major suppliers comply with the international standards for responsible procurement, the Fujitsu Group will obtain one of the following documents from its major manufacturing subcontractors and parts suppliers for its core products: (Target KPI = 100%)
  - A platinum or gold level of site recognition under the RBA Audit Recognition program
  - Written consent with the Fujitsu Group CSR Procurement Guideline (equivalent to the RBA Code of Conduct)
- Promotion of supply chain diversity
We set supply chain diversity as our goal of Responsible Business and promote it globally.

- Reduction of GHG emissions in the supply chain
To promote GHG emissions reduction together with our suppliers, request major suppliers to set numerical targets in line with international standards

Policy

The Fujitsu Group holds "Co-existence with Suppliers", "Fair and Proper Evaluation and Selection of Suppliers" and "Promotion of CSR-Conscious Procurement Activities" as the tenets of its Corporate Social Responsibility (CSR) procurement policy, and conducts its global procurement activities accordingly.

In 2005, we formulated the "CSR Procurement Guideline" for CSR procurement and requested our suppliers in Japan and overseas to comply with that guideline. In 2018, we adopted the RBA (*1) Code of Conduct as the "Fujitsu Group CSR Procurement Guideline".

*1 [PRESS RELEASE] Fujitsu Joins EICC, a Global Corporate Social Responsibility Coalition (renamed as the Responsible Business Alliance (RBA) in October 2017)

› Fujitsu Group Procurement Policy

› Fujitsu Group CSR Procurement Guideline (RBA Code of Conduct)

Structures for Promoting CSR Procurement & Periodic Reviews

Under the group-wide policy, the relevant departments in the Fujitsu Group collaborate regarding the promotion of CSR activities. In the area of procurement, the Global Supply Chain Unit works with the relevant departments in promoting socially responsible procurement activities by suppliers. The CSR promotion activities are targeted at our major suppliers, that is, the largest suppliers on a monetary basis and those who have ongoing dealings with Fujitsu.

We initially clarify the compliance items through its CSR Procurement Guideline and then require our suppliers to undertake CSR activities. To confirm that these CSR activities are being fully implemented by suppliers, they are asked to respond to a range of surveys on topics such as green procurement, information security and Business Continuity Management (BCM).

The survey responses are analyzed and the results are returned to the suppliers as feedback. Where a supplier fails to meet Fujitsu's standards, they undertake to make improvements. Where there is a particular need to check whether CSR activities are being fully implemented by a supplier, a CSR audit is conducted. Such suppliers are required to submit a remediation plan for any matters identified by the audit and Fujitsu works with the suppliers to make the necessary improvements. Fujitsu is continually improving its processes and promoting CSR procurement with the goal that ultimately CSR activities will be properly undertaken by suppliers and will become firmly entrenched.

Processes for Promoting and Improving CSR Procurement
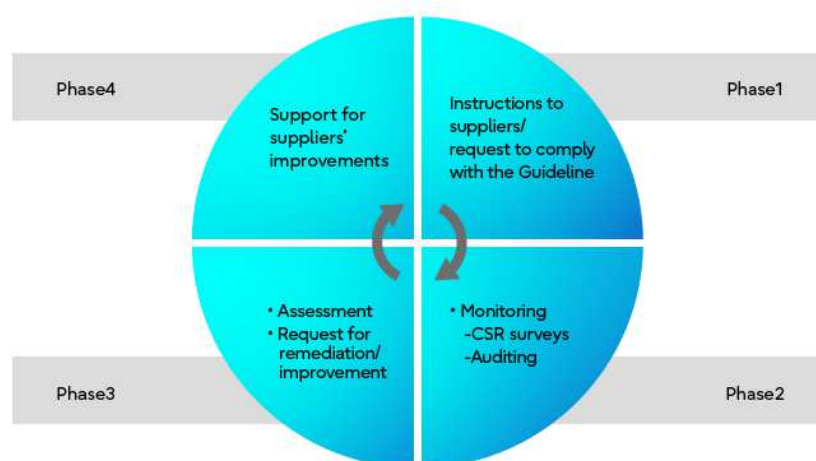
## Promoting Activities and Participation in Industry-standard Initiatives (RBA Membership)

The Fujitsu Group is a member of the Responsible Business Alliance (RBA), a global CSR alliance. As such, we give serious consideration to the RBA's Code of Conduct and engage in socially responsible procurement with our suppliers and throughout our supply chain.

The Fujitsu Group also takes an active role in the programs and initiatives of organizations such as the Japan Electronics and Information Technology Industries Association (JEITA) and works to promote socially responsible procurement in the industry.

Addressing High-Risk Minerals

The policy of the Fujitsu Group is to exclude from its products, components and supply chain any minerals that give rise to conflicts ("conflict minerals"), or minerals that are at high risk of being associated with forced labor or human rights violations. (The Fujitsu Group identifies tantalum, tin, gold, tungsten and cobalt as high-risk minerals.) Fujitsu has also established a structure to ensure the transparency of procurement activities in the supply chain and the responsible procurement of minerals. This structure includes the relevant internal departments and operates under the jurisdiction of the Sustainability Management Committee (chaired by Fujitsu's CEO).

Structure for Responsible Minerals Procurement
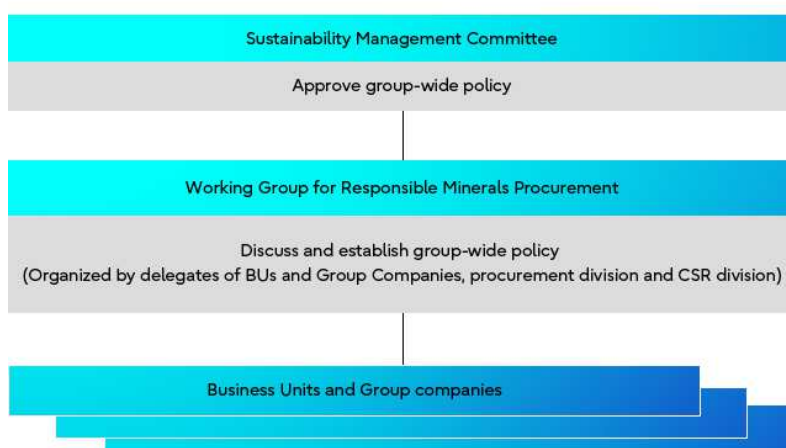
> Fujitsu Group Policy on Responsible Minerals Procurement

Surveys on High-Risk Minerals

As part of its due diligence, the Fujitsu Group conducts high-risk minerals surveys with reference to the "OECD Due Diligence Guidance for Responsible Supply Chains of Minerals from Conflict-Affected and High-Risk Areas". These surveys use the Conflict Minerals Reporting Template (CMRT) and Extended Minerals Reporting Template (EMRT) developed by the Responsible Minerals Initiative (RMI).

> List of smelters checked in the surveys

Reminders are sent to those suppliers who failed to respond to our survey by the due date. If survey responses reveal insufficient answers, suppliers are asked to resubmit their responses. Where customers indicate that a smelter is considered to be "risky", we ask suppliers using that smelter to re-examine the nature of their dealings with the smelter.

While there have been no confirmed reports yet of smelters having any involvement with armed groups, we will continue to conduct programs aimed at identifying smelters and further increasing transparency in our supply chain.

Promoting Green Procurement

The Fujitsu Group has set out its basic approach to the environmentally sound procurement of components, materials and products in the Fujitsu Group Green Procurement Direction, and we are working with our suppliers to promote green procurement activities. One target for such activities is the reduction of CO_2 emissions, and the Fujitsu Group is requesting that its suppliers, and their suppliers in turn, set targets and promote activities to reduce their CO_2 emissions. In addition, we are asking our suppliers to conduct water risk assessments as a first step toward water resource conservation. We will continue to promote activities that reduce environmental impacts throughout our supply chain.

> Fujitsu Group Green Procurement

Promoting Information Security Measures

Based on the "Cybersecurity Management Guidelines" issued in December 2015 by Japan's Ministry of Economy, Trade and Industry (METI) and the Information-technology Promotion Agency (IPA), the Fujitsu Group, along with its suppliers, has adopted the goal of "eliminating information security incidents", and is continually implementing measures to prevent such incidents or recurrences. These measures include education, raising awareness, auditing and sharing information.

In recent years, there has been a significant increase in the commercial use of external services such as cloud computing and social media. There has also been a rapid increase in opportunities for the use of smart devices such as smartphones and tablet PCs. Since FY2020, there have been major changes to workplace arrangements to mitigate the spread of the COVID-19 pandemic, notably a rapid rise in teleworking (working from home). Regarding the risk of information leaks, it is necessary to prevent not only incorrectly addressed emails being sent by mistake and the theft or loss of PCs and smart devices, but also new kinds of risks such as in-house crimes and cyber terrorism. In this context, when the Fujitsu Group consigns work to suppliers, including those outside Japan, it promotes education and awareness by requiring the same standards of information security management and handling of personal information as it applies to its own operations. If any serious problem regarding information security is discovered at a supplier, or if the supplier fails to immediately implement corrective measures and no improvement is observed, Fujitsu will take steps such as reviewing its business relationship with the supplier.

Enhancing Supply Chain BCM

The Fujitsu Group sees the enhancement of Business Continuity Management (BCM) throughout its supply chain as essential to ensuring a stable supply of products and services in the event of major disasters or other unexpected contingencies. Accordingly, since FY2007 we have provided our suppliers with ongoing support to improve their BCM capabilities.

Fujitsu conducts an annual questionnaire-based survey of its suppliers on how they address BCM. This survey also covers some group companies that conduct their own procurement. We analyze the responses to the survey and then provide feedback to the suppliers and group companies. Since FY2014, we have been using a standard survey form developed by JEITA's Materials Committee.

Fujitsu also conducts annual surveys of major solutions-related suppliers, analyzing the responses and providing feedback.

Communication with Suppliers

Feedback of Assessment Results in the Suppliers' Performance Review (SPR) System

Under the SPR (*2) System, the Fujitsu Group targets primarily its major suppliers and provides direct feedback on the assessment results. Suppliers whose efforts do not meet Fujitsu's standards are asked to make improvements. Fujitsu also carries out assessments of solutions-related suppliers and provides the results of those assessments as feedback to the major suppliers.

*2 Suppliers' Performance Review: A program developed by Fujitsu that assesses the performance of procured goods and the basic profile of enterprises in terms of quality, technology, price, supply and CSR.

Fujitsu ActivateNow Partner Summit

The Fujitsu Group has held events for its suppliers since 1997. We have held our global flagship event, Fujitsu ActivateNow Partner Summit (*3) , in an online format since FY2020. Senior executives and the heads of business groups give an overview of Fujitsu's business direction, and the Executive Vice President responsible for purchasing shares the activities undertaken with partners.

This event is also an opportunity to present certificates of appreciation to partners who make exceptional contributions to our business and to further strengthen our partnerships with suppliers.

*3 Fujitsu ActivateNow Partner Summit: A reorganized event that replaces the previous Fujitsu Suppliers' Reception and the Fujitsu Group Core Partner Forum.

Strengthening Procurement Compliance

Education by Procurement Divisions

The procurement divisions of the Fujitsu Group conduct training programs for their suppliers to disseminate awareness of CSR and ensure that procurement is socially responsible. In addition to CSR procurement and

green procurement, training aimed at increasing awareness among procurement staff is also offered in the areas of risk management (BCM activities) and compliance with legislation such as the Subcontracting Law and the Worker Dispatching Business Law.

Supplier Compliance Line

The Fujitsu Group uses the Supplier Compliance Line as a channel to receive reports from suppliers regarding any actions that are potential or actual instances of non-compliance in our purchasing activities. Channels have been set up both internally and externally through which we can verify and investigate the facts of each report and respond quickly.

Fujitsu's internal reporting standards prohibit any adverse treatment of its own staff making such reports or of staff from suppliers making the reports.

Our agreements with suppliers also include explicit provisions on the elimination of anti-social forces and other such groups with the aim of preventing harmful actions by such anti-social forces (and avoiding any encouragement of their activities). The Fujitsu Group, including its suppliers, will have no relationship whatsoever with anti-social forces.

❯ Supplier Compliance Line (Japanese text only)

FY 2022 Performance

CSR Surveys

- CSR surveys of major suppliers in Japan and overseas: 533 companies

High-Risk Mineral Survey Results

- Fujitsu received responses from 87.3% of the suppliers surveyed.
- Smelters operated by 617 companies were checked, of which 265 were compliant with the RMI-certified Responsible Minerals Assurance Process (RMAP).

Promoting Information Security Measures

- Web surveys on the state of information security measures (Oct.-Dec. 2022): 2,383 companies
- Audits on the state of information security measures: 15 companies

Enhancing Supply Chain BCM

Products
- Surveys conducted (July-Oct. 2022): Approximately 600 companies / 1,700 locations
- Feedback provided (Dec. 2022): Approximately 600 companies / 1,700 locations

Solutions:
- Assessment feedback provided: Approximately 270 companies

Communication with Suppliers

Products
- Feedback provided (Dec. 2022): Approximately 600 companies / 1,700 locations

Solutions:
- Held quarterly partnership meetings, with 165 companies participating over the year

Global Responsible Business

― Community ―

The Fujitsu Group will build collaborative partnerships to engage and empower communities. We will contribute to the prosperity of the communities in which we work globally through collaboration with our business activities, and encourage our employees to develop their skills, have confidence, and be proud to work for Fujitsu through giving back to society.

Community

Community

Goal

WHAT FUJITSU ASPIRES TO BE

Every employee is increasing their empathy for social issues and engaging in activities through collaboration and co-creation with a wide range of stakeholders, making a significant and positive impact on society, thereby creating growth opportunities for Fujitsu and contributing to the realization of Our Purpose.

GOALS FOR FY2025

Foster our corporate culture for community activities* and make an impact on society

- Employees participate in community activities (20% of employees)
  *Community activities: Activities aimed at creating value by resolving challenges in society through global cooperation with local communities, which are important stakeholders

GOALS FOR FY2022

Contributing to the transformation of both our corporate culture and mindset of employees

- Rate of increase in the number of employees participating in social contribution activities related to social issues:
  A 10% increase compared with FY2019 under the "new normal" situation

Our Approach to Community Activities

The Fujitsu Group cooperates with regional communities—who are important stakeholders for us—around the world to pursue unique activities in the community. To resolve the challenges facing society, our employees will work alongside a broad range of stakeholders with a high degree of empathy for social issues to affect change, and through scaled impacts on society mainly in fields where we can maximize our business strengths, they will create growth opportunities for Fujitsu and contribute to realize our purpose.

Furthermore, we will continue to create significant value by quantitatively assessing the impact of these activities, and by implementing a cycle to review and improve them.

Key Focus Area

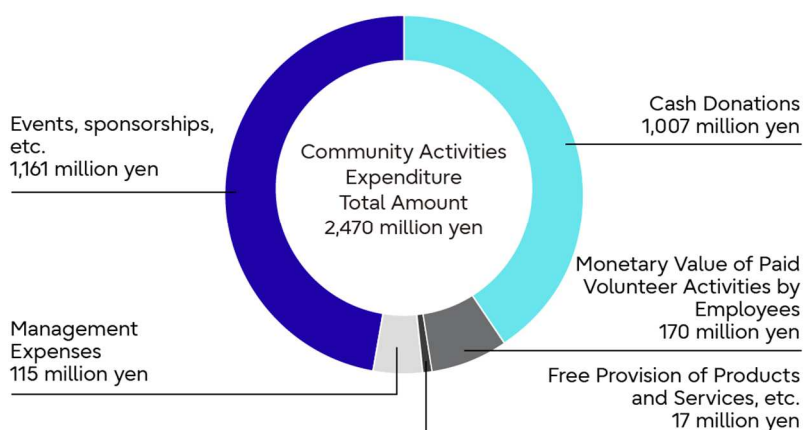| 3 GOOD HEALTH AND WELL-BEING | 4 QUALITY EDUCATION | 5 GENDER EQUALITY | 10 REDUCED INEQUALITIES | 13 CLIMATE ACTION | 15 LIFE ON LAND |

FY 2022 Performance

Total Amount of Expenditures for Community Activities

The following chart describes the expenditures for community activities at Fujitsu in FY 2022.

Community Activities Expenditure

Events, sponsorships, etc.
1,161 million yen

Community Activities
Expenditure
Total Amount
2,470 million yen

Cash Donations
1,007 million yen

Monetary Value of Paid
Volunteer Activities by
Employees
170 million yen

Management
Expenses
115 million yen

Free Provision of Products
and Services, etc.
17 million yen

*Calculated based on the activity expenditures of Fujitsu group companies in Japan and overseas.

Employee Volunteer Activity Support System

The Fujitsu Group has in place a volunteer activity support system to encourage each employee's active contribution to society. Additionally, we have also developed various programs customized to the characteristics of each region in order to support better local communities in each area where we have a business site.

Fujitsu has set up a leave of absence system for employees to participate in the Japan Overseas Cooperation Volunteers or the Senior Japan Overseas Cooperation Volunteers (for up to three years), as well as a system that allots five vacation days a year that can be used for volunteer activities, which can be accumulated for a maximum of 20 vacation days. In FY 2022, 39 Fujitsu employees took their accumulated vacation days (100 days in total) to conduct volunteer activities.(Non-consolidated)

Our Approach (Case Studies)

Community Activities

Fujitsu is promoting activities based on six SDGs that are relevant to its defined priority issues, including human rights and DE&I, well-being, the environment, and education, which are under the pillar of Community Activities as one of the six pillars of GRB. Below, we will look at some of the activities that took place in each region in FY2022.

●Americas

Fujitsu Sponsors Tree Planting at Dallas Elementary School (U.S.A.)
- Tree planting through Texas Trees Foundation –

Fujitsu sponsored a tree planting through Texas Trees Foundation (TTF), planting 92 trees around L.O. Donald Elementary School in Dallas, TX (USA) and giving away 50 saplings to nearby homeowners. 289 students learned about the trees and got the opportunity to mulch or plant each one. They gave each tree a name and promised to care for all of them.

Despite a high chance for poor weather and a shortened event duration, five Fujitsu employees volunteered alongside teachers and Texas Trees Foundation (TTF) staff. This event had an incredibly positive impact on everyone involved. As the trees grow, they will increase the amount of shade and oxygen in the area and provide safe havens for birds and other creatures to live.

Fujitsu employees participated in tree planting activity

> Dallas ISD's L.O. Donald Elementary School Becomes Greener and Healthier with 92 New Trees Planted

- The number of employees participated: 5

●Asia Pacific

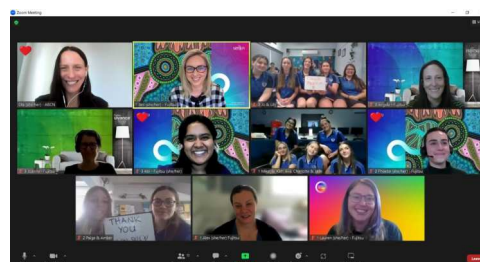## Helping all young Australians reach their potential in the future (Australia)
- Australian Business and Community Network –

Fujitsu Australia mentors and Elevation Secondary College students celebrating at the end of GOALS program (2022)

Mentoring face-to-face with students from Elevation Secondary College (2022)

Fujitsu Australia mentors and Colo High School students celebrating at the end of the online Focus program, building leadership skills for young women (2022)

In 2022, Fujitsu signed a three-year partnership with the Australian Business and Community Network (ABCN) – a purpose-led, not-for-profit organization bringing businesses and schools together to address educational disadvantage with the vision to help all young Australians reach their potential in the future world of work, regardless of socio-economic background.

Mentoring with ABCN is a great way to affect growth and development through giving back to the community while representing our organization, and meeting people working in different industries. No qualifications or experience are needed – anybody with a willingness to listen to what others have to say and share their own experiences is able to participate. In support of employees being active in the community, Fujitsu encourages mentors to utilize their Volunteering with Purpose leave entitlement (equivalent to 3 days paid leave) to participate in this opportunity.

We are excited to continue to grow this partnership and our mentors in 2023!

Comments from some of our Fujitsu mentors:

"Go for it! It's an awesome experience and a great way to give back to the future of our working world." - GOALS mentor, Fujitsu Australia (2022)

"Please make the time to do this – you will continue your learning journey and get the opportunity to share your insights with others." – Focus mentor, Fujitsu Australia (2022)

- The number of employees participated: 32
  We had 32 individual volunteers, with most volunteers participating more than once.
- The number of direct beneficiaries: 93
  Mentored 93 individual students across 6 different schools.

Medical services to Achieve Health and Welfare for All (India)
- Mobile Healthcare Unit, action by the partnership with HelpAge India –

A more approachable service to women is ensured by having female staff every time

Services provided include free consultation and treatment

This partnership with HelpAge India led to the creation of a Mobile Healthcare Unit (MHU) with the objective to address the medical needs and ensure health and wellbeing for those in rural areas of Pune, India. The MHU is a mobile ambulance providing a wide range of critical medical services for rural locations. Services provided include free consultation and treatment for the elderly (including home visits), free medicine for common diseases and health concerns.

The MHU also links up with existing government programs in India, creating an umbrella service with long-term beneficial outcomes for the community. The MHU is staffed by a doctor, a pharmacist, and a community activist. Fujitsu volunteers also participate to provide additional assistance, for example with registering patients and explaining the services that MHU provides. Fujitsu has included three team member who are woman associates in the MHU, to make the service more approachable for women.

From April 2022 to March 2023, MHU has served 17201 direct beneficiaries, involving 26 employees in over 70 hours. All the services are provided free of cost. The MHU continues to address the challenge of providing basic essential healthcare for everyone in rural communities, as part of wider efforts to make a positive impact to

SDG 3: Good Health and Well-being. Health awareness camps and medical checkup camps are organized at village level to address various health issues through common platforms.

This program continues to create a big positive difference: the community is now better informed about health conditions and the importance of a healthy lifestyle, while life outcomes have improved through access to free medical advice, medicine, and follow-up treatment. Furthermore, MHU offers mental wellbeing counseling, health and nutrition awareness, and preventive healthcare. The MHU facilitates community awareness on health issues including preventative programs and pushes for gender equality in access to healthcare.

- The number of employees participated: 26
- The number of direct beneficiaries: 17,201

FTH Football Day 2022 (Thailand)

Opening remarks from Head of Fujitsu Thailand, Ms. Kanokkamon Laohaburanakit

Children at Pakkret Home for Boys and Fujitsu employees joining as volunteers

Fujitsu Thailand Co., Ltd (FTH) in cooperation with one of Japan's football clubs, Kawasaki Frontale, organized a football clinic for children at Pakkret Home for Boys who have greater developmental needs to improve their health and wellbeing. The activity aims to provide children with football skills and techniques taught by professional football players. We believe that this activity can power constructive change and the sustainable development of people and society.

This round is the 3rd time for Football Clinic in Thailand to provide social development service to orphans. The activity used football game to teach life skills to underprivileged children by learning about fair play, teamwork and discipline. In the future, they will become community leaders and these attributes are important to help them grow a strong and self-supporting community.

A half day of session on Sat. 12 November 2022, we had FTH Football Day event. A total of around 150 took part, including children aged 6 to 18 participated and 28 FTH employees. Members of Kawasaki Frontale acted as coaches for 1-hour beginner learning basic football skill and the session ended with football game competition in another hour.

FTH also donated equipment, two news football goals replacement at there that they were get more children to experience football game and practice continuously. We provided lunch box from a hamburger shop and gave them a free time with the hamburger shop's mascot show and game to make them a lot of fun.

- The number of employees participated: 28
- The number of direct beneficiaries: 150

●Europe

QUEREMOS GRADUARNOS!

Supporting to provide the learning opportunity to young people living in South America's largest slum (U.K.)

– **Chamos – * NGO based in U.K. which supports children in Venezuela.**

A virtual workshop introducing programming

Students learning how to code

For many young people living in Petare in Venezuela, one of the biggest slums in South America, studying and prioritizing education is close to impossible. School dropout rates are high; opportunities to turn to drugs or crime are common; and very few young people progress to higher education.

Chamos has been working with a local non-profit, Queremos Graduarnos (QG), to incentivize school attendance with children and young people. Fujitsu's funding enabled to provide scholarships for 55 young people to participate in this program in the 2022/23 academic year. This grant has provided the students with a scholarship for school fees, and a stipend to buy educational resources, food and transport, removing barriers to attending school and teaching money management.

As part of the Chamos QG programme, students can attend personal development workshops twice a month and can even volunteer to help with other programmes, e.g.: acting as mentors for other students, and helping Chamos with the construction of a new Chamos playground for a local primary school.

Most excitingly, Fujitsu provided a virtual workshop to some of the students, introducing coding and why these skills are important for future career prospects. The knowledge and inspiration gained were invaluable, and we are scoping out how best to support students who have expressed their interest in learning more in this area for their futures.

Fujitsu has been able to provide real and tangible support for 55 young people who otherwise would have lacked the resources and support to attend school. Four Fujitsu employees delivered an introduction to programming to approximately 25 students. Through its partnership with Chamos, Fujitsu has allowed to carry out activities that align directly with: SDG 1 (No Poverty), SDG 4 (Quality Education), SDG 8 (Decent Work and Economic Growth) and SDG 10 (Reduced Inequalities). Together we work to ensure children and young people of Venezuela grow up with dignity and opportunities to achieve their potential.

- The number of employees participated: 4
- The number of direct beneficiaries: 80

Fujitsu Finland develops innovative training concepts to support digital inclusion of young people (Finland)
- Deacoess Foundation –
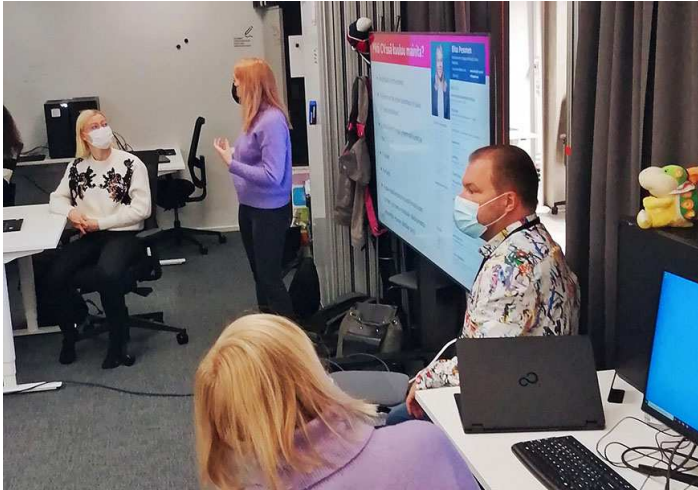
Workshop

Work produced at the workshop

The Helsinki Deaconess Foundation (HDL) and Fujitsu have partnered to develop innovative training concepts aimed at enhancing the digital skills of young people and preventing their marginalization. The project is part of HDL's Vamos services, which assist 16-29-year-olds to find their paths to education and employment.

During the two-year project, corporate volunteers conduct workshops to inspire young people to engage with technology and provide guidance on acquiring essential digital skills. After the end of the project, the training concepts formulated in the project are intended to be distributed more widely to those working with young people.

Fujitsu volunteers have organized a training session focused on graphic design, teaching participants how to create visually appealing resumes; a co-creation workshop where young people innovated digital solutions to support the management of their everyday lives; and a discussion event where young people met Fujitsu professionals to learn about career opportunities in the ICT industry. Fujitsu volunteers also contributed to a hackathon focused on cyber security which was arranged in co-operation with other partner companies and Vamos.

Fujitsu volunteers have met approximately 60 young people during the workshops, in addition to professionals working with Vamos. The project is co-funded by the ESR React fund and three other corporate partners in addition to Fujitsu.

The Helsinki Deaconess Foundation and Fujitsu have been working together for years to prevent the marginalization of youth. HDL is one of Fujitsu's main partners in empowering communities as part of Fujitsu's Responsible Business program.

- The number of employees participated: 4
- The number of direct beneficiaries: 15

●Japan

Fostering future generation leaders (Japan)

Dialogue with high school students
(MIRAI NO KATARIBA project)

Thinking about the future together
(MIRAI NO KATARIBA project)

Fujitsu collaborates with various educational institutions to foster creative thinking and inquisitiveness, provide career education stemming from children's original discoveries, and support educational opportunities available to mountainous and island regions in aiming to realize a future where children can embrace challenges through learning.

For example, we have been conducting a program geared towards high school students that applies "design thinking" required in school in community-related learning, where students from multiple schools come together to discuss approaches to social issues and their desired vision of society while working with case studies of Fujitsu's solutions. In addition, Fujitsu employees with their own purpose in mind engage in the MIRAI NO KATARIBA* project, which sees students of the same generation as the leaders of tomorrow join in dialogue to consider taking a step forward into the future together.

*MIRAI No KATARIBA: a place for dialogue about the future

- The number of employees participated: 573
- The number of direct beneficiaries: 7,477

Disaster and Humanitarian Assistance

The Fujitsu Group provides support through donations to countries that require emergency assistance due to events such as disaster or conflict. The company's purpose is to Make the world more sustainable by building trust in society through innovation. The society that Fujitsu aspires to achieve by realizing this purpose aligns with one of the SDGs that states: leave no one behind.

In FY2022, we made donations by matching the amount of donations from employees to UNHCR and Save the Children in support of the following:

Please see the press releases for Fujitsu's main disaster and humanitarian assistance.

1. Humanitarian support: Fujitsu Group Contribution to Humanitarian Aid for Ukraine Crisis
   Fujitsu donated 1 million US dollars (approximately 115 million yen) to the United Nations High Commissioner for Refugees (UNHCR) for humanitarian assistance to those affected in Ukraine and its neighboring territories.
2. Disaster assistance: Fujitsu's disaster relief and recovery assistance for Turkey-Syria earthquake
   The Fujitsu Group donated 10 million yen through the Japanese Red Cross Society to aid victims of the Turkey-Syria earthquake and the recovery of the affected areas. As for donations to Save the Children Japan, the Group has collected donations from its employees and made a further contribution with a matching donation after the collection period ended.

Collaboration with External Parties

During these times, the challenges facing society and the environment have grown in number. The principle that companies have a responsibility to all of their stakeholders is becoming more common worldwide, to include not just customers and investors, but employees, suppliers, and communities of all sizes.

Fujitsu supports this principle and is working towards the realization of a sustainable society, acting in conjunction with international organizations and a variety of like-minded companies.

Involvement with the World Business Council for Sustainable Development (WBCSD)

The World Business Council for Sustainable Development (WBCSD) is the community of over 200 companies around the world that aims to realize Vision 2050, " a world in which more than 9 billion people are able to live well, within planetary boundaries" (*1) working to accelerate the system transformations through business activities. Fujitsu has been participating in the WBCSD since 2013, and CEO Tokita is currently serving the community as a member of its Executive Committee.

In 2022, the WBCSD's Council Meeting was held in Tokyo under the theme "The era of sustainability: how to lead the transformation and thrive", bringing together more than 250 executives from around the world. Representing Fujitsu, CEO Tokita spoke at the Opening Plenary, and Yoshinami Takahashi, Corporate Executive Officer, SEVP & Head, Global Business Solutions, took the stage at a session on "Toward zero-emission mobility & buildings operation". In addition, on the occasion of the Council Meeting held in Japan, together with Toyota Motor Corporation, another member of the Executive Committee, we co-hosted the Japan Session "Time to Transform: Introduction to WBCSD for the Japanese business community" for Japanese C-suite representatives with the aim of raising awareness of WBCSD in the country. With more than 30 companies participating, we deepened discussions on how executive leadership should respond to various global issues such as climate emergency, nature loss, mounting inequality, and requests for information disclosure, and the role expected of Japanese companies to pave the way toward sustainable business success. On the last day of the meeting, more than a dozen participants were invited to the Fujitsu Uvance Rooftop Executive Briefing Center at the Fujitsu headquarters, where we introduced sustainability-related businesses and advanced technologies and held a discussion.

We will continue to actively collaborate with the WBCSD, which shares common direction with the Fujitsu group's purpose, and contribute to the realization of a sustainable future.

*1   WBCSD's vision "Vision 2050: Time to Transform": https://timetotransform.biz/

> WBCSD

Involvement with the World Economic Forum (WEF)

The World Economic Forum (WEF) is a not-for-profit foundation established by economist Klaus Schwab that engages in programs to improve the state of the world through cooperation between the public and private sectors in a spirit of global citizenship. It offers a venue for close collaboration among leaders from a diverse range of major international

institutions as well as from the business world, government, academia and society, with the aim of shaping global, regional and industry-based agendas.

In January 2023, the Annual Meeting of the World Economic Forum was held in Davos. The meeting was held under the theme of "Cooperation in a Fragmented World," and included discussions on economic issues including inflation and price increases, geopolitical risks, issues with resources such as energy and food, and social vulnerabilities. CEO Tokita and COO Furuta shared the global agenda on sustainability, DX, increasing resilience, and the digital divide with other leaders from the government and financial sectors, and all participants exchanged opinions from their respective standpoints on specific actions to be taken for resolving issues. Furthermore, Fujitsu opened its own booth at the venue, "Fujitsu Uvance House", in a first for the Company and as the only Japanese company to do so. At the booth, CRO Onishi, SEVP Tsutsumi, CMO Yamamoto, EVP Patterson, and EVP Beardsell used the occasion to establish networks with government personnel and corporate leaders from various countries. They also forged connections with the management of important business partners through a roundtable discussion held in conjunction with the Financial Times. As a World Economic Forum Partner, the Fujitsu Group will work towards realizing the themes of this years' annual meeting by linking its global agenda with the Group's Materiality, and leading the formation of a global consensus as a technology company working to achieve a net positive outcome.

CEO Tokita (right) and COO Furuta (left) at the annual meeting
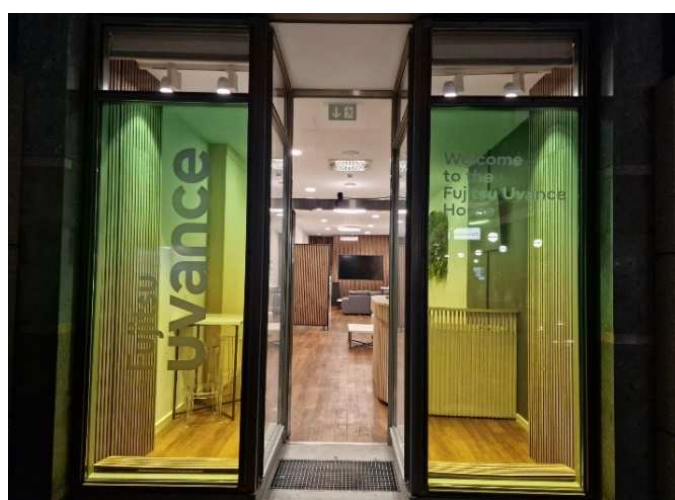
Fujitsu Uvance House booth

> World Economic Forum