

## 1H Results for the Fiscal Year Ending March 31, 2016

 (From April 1, 2015 to September 30, 2015)
## November 2, 2015 | Tokyo, Japan LIXIL Group Corporation

Statements made in these materials with respect to plans, strategies and future performance that are not historical facts are forward-looking statements. LIXIL Group Corporation cautions that a number of factors could cause actual results to differ materially from those discussed in the forward-looking statements.
*IFRS based results for the 1 H of the fiscal year ending March 31, 2016 are preliminary figures which are subject to change

FYE2016 1H Results Summary

## Upward Revision of 1H Sales / Core Earning ${ }^{(1)}$ Reaching Record High

$\checkmark$ Increase in Sales ${ }^{(2)}$ (+10\%) and Core Earnings ${ }^{(2)}$ (2.4x)
$\checkmark$ Core earnings surpassed revised forecast by JPY12.Obn (Surpassed initial forecast by JPY22.5bn)
$\checkmark$ Japan sales driven by renovation sales (+10\%, water related business +13\%)
$\checkmark$ Improvement in product mix, progress of reduction of indirect costs
$\checkmark$ Actuarial gains from retirement benefits of GROHE resulting in one time impact of +JPY10.9bn
$\checkmark$ Partial recovery (JPY4.9bn) of loss on investment (Joyou)
$\checkmark$ Delayed charging of deferred tax benefit from recovery of loss on investment to 2 H (expected), due to possibility of additional recovery
$\checkmark$ Revised up the full-year forecast based on the above


FYE2016 1H Sales and CE Highlights


- 1 H sales increase mainly driven by strong overseas sales of LWT and LBT
- Sales impact from GROHE consolidation JPY45.1bn
- Existing sales increase +JPY36.1bn(+5\%)

- Good momentum across most businesses resulting in 1H CE increase surpassing forecast
- CE impact from GROHE consolidation +JPY10.1bn (GROHE +JPY17.1bn, goodwill -JPY2.0bn, PPA -JPY5.1bn)
- Existing CE increase +JPY8.7bn(+65\%)


## Financial / Operational Review by Tech-business

- Management accountability
- Consistent financial year end reporting based on IFRS
- Constant currency

Strong Performance in LWT's $1^{\text {st }}$ Half Year of Existence with $8 \%$ Increase in $L \|$ |L Sales and 31\% Increase in CE for FYE2016 1H

FYE2016 1H (Apr-Sep)


Core Earnings ${ }^{(1)}$


## AMERICAS

- $\quad$ Strong sales growth from new and existing customers driven by new products
- New team in place
- Improvement in profit due to supply chain savings, higher margin products and improved pricing
EMEA
- Strong growth above market and competitions' growth rates
- Central and North Western Europe performing strongly, in particular excellent performance in MEA; Southern Europe remains challenging
- Sales growth rate of $5 \%$ excluding GROHE DAWN WaterTech


## ASIA PACIFIC

- Sales increase of 7\% in China mainly driven by American Standard products
- Continued growth centered in Vietnam, Thailand, and Korea


## JAPAN

- Increase in sales led by LWT renovation sales of +12\%
- Margin improvement due to higher profitability of renovation business and improved mix/pricing


LHT Demonstrates Resilient Growth in CE of 27\% Despite Lower Sales of 3\% for FYE2016 1H


[^0]
## WINDOW SYSTEM

- $\quad$ Solid sales continuing from Q1 with tailwind of eco-points
- Significant manufacturing cost savings and higher margin mix leading to 2 ppt improvement in gross margin despite impact from weak yen


## EXTERIOR SYSTEM

- Decrease in sales and profit from lower demand in new homes and reversal of special demand following snow damage in the previous year
- Increase in CE margin due to tight cost control

LIVING SYSTEM

- Lower demand in new homes impacted decrease in sales but maintained profit
- Wooden products division performed strongly while cladding systems division was facing strong price competition


Overseas Business Driving LBT Sales Growth of 9\% for FYE2016 1H and CE Impacted by Project Cycle and China Business

PERMASTEELISA

- Sales growth driven by North America and the UK
- Profit improvement to be realized upon further progress of newly acquired higher margin projects
LBT JAPAN
- Demand recovery centered in city areas
- Turned profitable in 1 H

LBT ASIA

- $\quad$ Sales driven by LIXIL HK
- Impacted by CE losses (EUR10m) for Shanghai


Meite


International Commerce Centre Hong Kong


Core Earnings


FYE16 1H

1,19 21

18
$2 \%$

$-5 \%$
-10\%

1H result

LKT Domestic Business Continues Recovery with CE Improvement of +JPY3.4bn for FYE2016 1H although LKT Asia Faced Slowdown in China

FYE2016 1H (Apr-Sep) In JPYbn

| $\frac{\mathscr{y}}{\boldsymbol{N}}$ | LKT Japan | 49 | 0\% |
| :---: | :---: | :---: | :---: |
|  | LKT Asia | 5 | -6\% |
|  | LIXIL Kitchen Technology | 54 | -1\% |
| $0$ | LIXIL Kitchen Technology | 1 | Turned profitable |
|  | Margin | 2\% |  |

Solid FYE2016 1H Performance of D\&R and H\&S in Particular on CE Basis with D\&R +7\% and H\&S +9\% Respectively

FYE2016 1H (Apr-Sep)



Super VIVA Home store in Saitama Shintoshin

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Progress Toward Management Accountabilities for FYE16 1H

| Businesses | Managed Currency | Core Earnings |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Sales | YoY | vs. Plan | Amount | Margin | YoY | vs. Plan |
| LWT | \$M | \$2,538 | 8\% | 3\% | \$260 | 10\% | 31\% | 25\% |
| LHT | Ybn | 292 | -3\% | -1\% | 23 | 8\% | 27\% | 66\% |
| LBT | €M | €1,196 | 9\% | -6\% | €18 | 2\% | -10\% | -55\% |
| LKT | Ybn | 54 | -1\% | -6\% | 1 | 2\% | $\begin{array}{r} \text { Turned } \\ \text { profitable } \end{array}$ | 45\% |
| D\&R | Ybn | 86 | 3\% | 0\% | 6 | 7\% | 7\% | 0\% |
| H\&S | Ybn | 31 | 2\% | 5\% | 2 | 7\% | 9\% | 48\% |
| HQ and Cons. Adj. | Ybn | 4 | - | - | -15 | - | - | - |
| Management Basis ${ }^{(1)}$ | Ybn | 951 | 5\% | 0\% | 50 | 5\% | 47\% | 49\% |
| Impact from Currency Translation \& PPA ${ }^{(2)}$ | Ybn | -18 | - | - | -9 | - | - | - |
| Statutory Basis (IFRS) | Ybn | 933 | - | -1\% | 41 | 4\% | - | 21\% |
| Forecasts (IFRS) ${ }^{(3)}$ | Ybn | 940 |  |  | 34 | 4\% |  |  |
| Increase/decrease |  | -7 |  |  | 7 | +1 |  |  |

(1) Transaction rate \$1=125yen, €1=140yen
(2) Purchase price allocation (Translation rate $1 \$=121.5 y e n, 1 €=134.6 y e n)$
(3) Translation rate $1 \$=120 y e n, 1 €=130 y$ y

## Key Takeaways

- Management basis : Sales achievement varies vs. plan but in line with overall forecast

CE of LHT and LWT largely exceeded plan and steady progress overall; LBT profitability behind plan

- Statutory basis (IFRS): No large fluctuation of forex and steady progress, exceeding plan by $+21 \%$ Growth Assumption End of Previous Year


Continued Strengthening Efficiency of Asset Allocation and Capital Discipline

## Net Debt Position

## Working Capital \& Capex



## No Change in Shareholder Return Policy

Dividend of 30 yen for 1 H , expecting 60 yen for full year
"Ken Depot Corporation" Established

Carved out Ken Depot business on October $1^{\text {st }}, 2015$, formerly operated by LIXIL Corporation

## Objective

Removed from any operating constraints presented by the LIXIL framework; aiming for further growth to capture market potential in undeveloped market segment

- Appointed Mr. Tetsuo Komori, an experienced manager, as president
- The new company will be an equity method affiliated company

| Corporate Name | Ken Depot Corporation |
| :--- | :--- |
| Representative | President Tetsuo Komori |
| Business | Operation of members only building <br> materials store for professionals "Ken <br> Depot Pro" |
| Paid in Capital | JPY100 million |
| Investment Ratio | (October 2015, based on voting rights) <br> Unison Capital, Inc. 66\% |
| Number of Stores | LIXIL Corporation 34\% |
| 64 stores (October 2015) |  |
| Membership | 600,000 members (August 2015) |
| Sales JPY30.8bn, CE -JPY1.3bn |  |
| (FYE2015 Ken Depot Business) |  |

## Japan Renovation Market: Change in Environment

## Housing Eco-point subsidies end

- On October 21st, the Ministry of Land, Infrastructure, Transport and Tourism (MLIT) ceased accepting applications for housing Eco-point subsidies with the entire JPY90.5bn budget committed
- $54 \%$ of homes that applied for Eco-points used them for renovation purposes. In total home renovation accounted for $27 \%$ of the Eco-points subsidies budget


## Review of the MLIT's Basic Act for Housing

Expected to be determined in a cabinet meeting in March 2016
Current plan (Information from the MLIT website)
Target 1: Establish high quality housing stock and pass on to the future generations
I. Maintain and improve quality of existing housing stock
II. Utilize existing housing stock
III. Removal of low quality houses
iv. Provide good quality houses

Target 2: Provide various housing stock matching the needs of different lifestyle or life stage
Target 3: Stable supply of houses for people that need special assistance when seeking a house
Target 4: Value increase in the area and formation of a prosperous community with creation of favorable living environment

## Renovation Strategy in Japan: Continued Upward Progress

## Sales of Renovation Products (LJC)



- Sales of Renovation Products -Renovation Ratio

Renovation of plumbing fixtures incl. kitchen: $+13.3 \%$ YoY

Transition of LIXIL Reform Net ${ }^{(2)}$ Member Stores

(1) Ratio of sales of products used for renovation against total domestic sales (including subsidiaries)
(2) Voluntary chain of home builders and renovation specialized builders

New Flagship Showroom Targeted at Renovation Business Opening in Nagoya Next Spring

Plan to open LIXIL and Kawashima Selkon Textiles flagship showroom in April 2016, in the southern area of the Nagoya station (Chubu district)

## Features

- Comprehensive showroom in which products related to living, such as building materials, housing equipment, and interior fabrics can all be seen together
- Provides consultancy services for product selection for renovation \& new homes as well as offering event space for customers
- Newly established space for customers to relax which will allow us to engage in interactive communication




## Appendix

## A1. Results for FYE16 1H (JGAAP)

| JPYbn | YoY Increase/Decrease |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | FYE15 1H Results | FYE16 1H Results | Amount | \% |
| Net Sales | 796.2 | 877.4 | 81.2 | 10\% |
| Core Earnings ${ }^{(1)}$ | 13.3 | 32.0 | 18.8 | 141\% |
| Core Earnings Margin (\%) | 1.7\% | 3.7\% | - | +2.0 |
| Net Profit ${ }^{(2)}$ | 3.4 | -22.9 | -26.3 |  |
| Net Profit before Goodwill Amortization | 9.8 | -16.9 | -26.7 |  |
| EPS before Goodwill Amortization | 34 | -59 | -92 | - |
| EBITDA ${ }^{(3)}$ | 40.4 | 64.8 | 24.4 | 60\% |
| EBITDA Margin (\%) | 5.1\% | 7.4\% | - | +2.3 |

[^1]- Major extraordinary items of FYE16 1H

Non-operating
(i) Most of the foreign exchange gains and loss on valuation of derivatives are net transaction (shown as cross-trade)
(ii) Investigation, preparation of lawsuit and insurance claim costs of Joyou issue accounted in non-operating expense

## Extraordinary income/losses

Refer to p20
Tax expenses
Tax effect of loss on investment to associates and other (Extraordinary loss JPY28.1bn) is expected to be booked in the 2 H

A2. Increase / Decrease in Sales for 1H
Stable Growth in Overseas Business, Recovery in Domestic Business


## A3. Increase / Decrease in CE for 1H



## A4. Extraordinary Items

| Items | Mar-14 results | Mar-15 results | Increase/ decrease <br> Details | IFRS item |
| :---: | :---: | :---: | :---: | :---: |
| Gain on sales of investment securities | 3.0 | 0.2 | -2.8 | Finance income and other finance costs |
| Gain on change in equity | 1.1 | - | -1.1 Business separation of K-engine | Share of profit of associates |
| Gain on sales of noncurrent assets and other | 0.2 | 0.7 | +0.5 | Other income |
| Extraordinary income | 4.3 | 0.9 | -3.4 | - |
| Impairment loss | 0.6 | 1.1 | $\begin{aligned} & +0.5 \text { Goodwill amortization of LKT for } \\ & \text { FYE16 } \end{aligned}$ | Other cost |
| Loss on factory restructuring | 1.4 | 1.4 | FYE15: China factory; FYE16: ASB, <br> Perma, Japan | Other cost |
| Adjustment of goodwill amortization and other | 0.5 | - | -0.5 ASB | - |
| Loss on investment to associates and other | - | 28.1 | Allowance for loss on guarantees <br> +28.1 with respect to the liabilities of Joyou | Loss on investment to associates and other |
| Loss on valuation of investment securities | - | 2.6 | +2.6 | Finance costs |
| Loss on step acquisitions | - | 6.3 | +6.3 <br> Consolidation of GROHE <br> (Exchange rate: 141yen $\rightarrow$ 129yen) | Finance costs |
| Loss on sales and retirement of non-current assets and other | 0.9 | 1.0 | +0.0 | Other cost |
| Extraordinary loss | 3.4 | 40.4 | +37.0 | - |

## A5. Consolidated Financial Position (JGAAP)

| JPYbn | Mar-15 |  | Mar-15 Post Cons. of GROHE | Sep-15 | Increase /Decrease |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Cash and Deposits | 257.3 | -12.4 | 244.8 | 145.3 | -99.5 |
| Notes and Accounts |  |  |  |  |  |
| Receivable | 443.9 | 28.7 | 472.6 | 453.2 | -19.4 |
| Inventories | 227.6 | 30.7 | 258.3 | 262.5 | 4.2 |
| Tangible and Intangible |  |  |  |  |  |
| Assets | 649.5 | 398.2 | 1,047.7 | 1,060.9 | 13.2 |
| Others | 297.0 | -66.8 | 230.2 | 233.2 | 3.0 |
| Total Assets | 1,875.2 | 378.4 | 2,253.7 | 2,155.1 | -98.6 |
| Notes and Accounts Payable | 233.0 | 23.1 | 256.0 | 254.3 | -1.8 |
| Interest-Bearing Debt | 676.0 | 144.3 | 820.3 | 734.5 | -85.8 |
| Others | 352.6 | 142.2 | 494.8 | 507.8 | 13.0 |
| Total Liabilities | 1,261.6 | 309.6 | 1,571.2 | 1,496.6 | -74.6 |
| Treasury Stocks | -56.2 | - | -56.2 | -55.6 | 0.6 |
| Others | 669.9 | 68.8 | 738.7 | 714.1 | -24.6 |
| Net Assets | 613.7 | 68.8 | 682.5 | 658.5 | -24.0 |
| Equity Ratio (\%) | 32.1 |  | 26.3 | 26.3 | 0.0 |
| Net Assets per Share (Yen) | 2,104.27 |  | 2,069.95 | 1,973.54 | -96.41 |
| Number of Shares (in thousands) | 286,352 |  | 286,352 | 286,662 | +310 |


| JPYbn | Sep-14 results | Sep-15 results | increase/ decrease | Mar-16 <br> forecasts |
| :---: | :---: | :---: | :---: | :---: |
| Pre-tax income | 13.6 | -13.0 | -26.5 |  |
| Depreciation | \| 23.6 | 27.7 | 4.0 | 65.0 |
| Income tax payments | -12.9 | -12.2 | 0.7 |  |
| Working capital | 15.6 | 15.0 | -0.6 |  |
| Others | -0.3 | 8.8 | 9.1 |  |
| Cash flows from operating activities | 39.7 | 26.4 | -13.3 |  |
| Cash flows from investing activities (of which purchase of property, | -23.5 | 47.2 | 70.7 |  |
| plant and equipment and intangible | $1 \quad-28.0$ | -29.5 | -1.5 | -80.0 |
| Free cash flows | 16.2 | 73.6 | 57.4 |  |
| Cash flows from financing activities | -20.7 | -100.4 | -79.7 |  |

## A7. CCC (Operational Efficiency)

- Expand Cash Conversion Cycle "CCC" improvement activities from Japan focus to global operations for realizing further improvement

FYE2018 Target JPY120bn ${ }^{(1)}$

- New benchmark and outlook through FYE2018

- Sep-15 Result



## A8. FYE16 Full Year Forecast

| JPYbn | FYE15 results (JGAAP) | FYE16 (JGAAP) |  |  |  |  |  |  | FYE16 <br> forecasts <br> (IFRS) | IFRS vs <br> JGAAP <br> difference |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Core Business |  |  |  |  |  |  |  |  |
|  |  | 1H | increase Idecrease | $\begin{gathered} 2 \mathrm{H} \\ \text { forecasts } \end{gathered}$ | increase Idecrease | for actuarial gainsllosses | Full year forecasts | increase Idecrease |  |  |
| Net Sales | 1,673.4 | 877.4 | 81.2 | 977.6 | 100.4 |  | 1,855.0 | 181.6 | 1,910.0 | 55.0 |
| Core Earnings ${ }^{(1)}$ | 51.7 | 32.0 | 18.8 | 40.9 | 2.5 | -10.9 | 62.0 | 10.3 | 85.0 | 23.0 |
| Core Earnings Margin (\%) | 3.1\% | 3.7\% | - | 4\% | - |  | 3\% | - | 4\% | - |
| Net Profit ${ }^{(2)}$ | 22.0 | -22.9 | -26.3 | 32.1 | 13.5 | -4.2 | 5.0 | -17.0 | - | - |
| Net Profit before Goodwill Amortization | 32.6 | -16.9 | -26.7 | 40.1 | 38.7 | -4.2 | 19.0 | -13.6 | - | - |
| EPS before Goodwill Amortization | 112 | -59 | -92 | 140 | 62 | -15 | 66 | -45 | - | - |
| EBITDA ${ }^{(3)}$ | 108.9 | 64.8 | 24.4 | 86.1 | 17.6 | -10.9 | 140.0 | 31.1 | 150.0 | 10.0 |
| EBITDA Margin (\%) | 6.5\% | 7.4\% | - | - | - |  | 8\% | - | 8\% |  |

(1) Conventional operating profit
(2) Net income attribute to owners of the parent
(3) JGAAP: Core earnings + Depreciation and amortization

## A9. Increase/Decrease of Sales and CE of Core Business for the FYE 2016 2H

Reference (conventional basis)


Link to Good Living
1H Results for the FY Ending March 2016 <Fact Sheets>

* "Core earnings" or "CE" in this material is equivalent to "Operating profit" of JGAAP
** "Net income (loss)" in this material is equivalent to "Profit (loss) attributable to owners of parent"

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## 1. Financial Results (new segmentation)

Unit:Y bn

|  | JGAAP <br> Mar-14 <br> results <br> (provisional) | JGAAP <br> Mar-15 <br> results <br> (provisional) | Y/Y |  | IFRSMar-15results(provisional) | IFRS <br> Mar-16 <br> forecasts <br> (approximate) | Y/Y |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | decrease | (\%) |  |  | decrease | (\%) |
| LIXIL Water Tech | 332.7 | 407.9 | 75.2 | 22.6\% | 418.7 | 630.0 | 211.3 | 50.5\% |
| LIXIL Housing Tech | 632.6 | 596.4 | -36.2 | -5.7\% | 616.0 | 600.0 | -16.0 | -2.6\% |
| LIXIL Building Tech | 321.1 | 333.9 | 12.8 | 4.0\% | 348.2 | 355.0 | 6.8 | 1.9\% |
| LIXIL Kitchen Tech | 118.0 | 113.7 | -4.3 | -3.6\% | 115.0 | 115.0 | 0.0 | 0.0\% |
| Tech Business Subtotal | 1,404.3 | 1,451.9 | 47.5 | 3.4\% | 1,497.9 | 1,700.0 | 202.1 | 13.5\% |
| Distribution and Retail | 195.0 | 198.8 | 3.8 | 2.0\% | 194.4 | 185.0 | -9.4 | -4.8\% |
| Housing Service | 64.9 | 59.6 | -5.3 | -8.2\% | 62.3 | 65.0 | 2.7 | 4.4\% |
| Adjustments | -35.5 | -36.8 | -1.3 | - | -45.1 | -40.0 | 5.1 |  |
| Net sales | 1,628.7 | 1,673.4 | 44.7 | 2.7\% | 1,709.5 | 1,910.0 | 200.5 | 11.7\% |
| Gross profit | 447.8 | 447.3 | -0.5 | -0.1\% | 455.2 | 555.0 | 99.8 | 21.9\% |
| Gross margin | 27.5\% | 26.7\% | - | -0.8 | 26.6\% | 29.1\% | - | +2.4 |
| SG\&A | 378.8 | 395.6 | 16.9 | 4.5\% | 403.5 | 470.0 | 66.5 | 16.5\% |
| SG\&A ratio | 23.3\% | 23.6\% | - | +0.4 | 23.6\% | 24.6\% | - | +1.0 |
| LIXIL Water Tech | 28.5 | 29.1 | 0.6 | 2.2\% | 26.0 | 53.0 | 27.0 | 103.5\% |
| LIXIL Housing Tech | 50.4 | 36.4 | -14.0 | -27.7\% | 34.7 | 48.0 | 13.3 | 38.2\% |
| LIXIL Building Tech | 6.5 | 9.3 | 2.7 | 42.0\% | 5.7 | 7.0 | 1.3 | 21.8\% |
| LIXIL Kitchen Tech | 0.7 | -1.0 | -1.7 | -243.4\% | -1.5 | 2.0 | 3.5 |  |
| Tech Business Subtotal * | 86.2 | 73.8 | -12.4 | -14.4\% | 65.0 | 110.0 | 45.0 | 69.2\% |
| Distribution and Retail | 4.6 | 7.1 | 2.5 | 54.7\% | 6.5 | 7.5 | 1.0 | 15.1\% |
| Housing Service | 6.1 | 4.2 | -1.9 | -31.6\% | 4.5 | 5.0 | 0.5 | 12.1\% |
| HQ expenses, amortization and PPA | -27.8 | -33.5 | -5.6 |  | -24.3 | -37.5 | -13.2 |  |
| Core earnings | 69.1 | 51.7 | -17.4 | -25.2\% | 51.7 | 85.0 | 33.3 | 64.3\% |
| LIXIL Water Tech | 8.6\% | 7.1\% | - | -1.4 | 6.2\% | 8.4\% |  | +2.2 |
| LIXIL Housing Tech | 8.0\% | 6.1\% | - | -1.9 | 5.6\% | 8.0\% | - | +2.4 |
| LIXIL Building Tech | 2.0\% | 2.8\% | - | +0.7 | 1.7\% | 2.0\% | - | +0.3 |
| LIXIL Kitchen Tech | 0.6\% | -0.9\% | - | -1.5 | -1.3\% | 1.7\% | - | +3.1 |
| Tech Business Subtotal | 6.1\% | 5.1\% | - | -1.1 | 4.3\% | 6.5\% | - | +2.1 |
| Distribution and Retail | 2.4\% | 3.6\% | - | +1.2 | 3.4\% | 4.1\% | - | +0.7 |
| Housing Service | 9.4\% | 7.0\% | - | -2.4 | 7.2\% | 7.7\% | - | +0.5 |
| CE margin | 4.2\% | 3.1\% | - | -1.2 | 3.0\% | 4.5\% | - | +1.4 |
| Recurring profit | 74.9 | 57.9 | -17.1 | -22.8\% |  |  |  |  |
| Net income before income tax and minority interests | 49.1 | 53.0 | 3.9 | 8.0\% |  |  |  |  |
| Net income | 21.0 | 22.0 | 1.1 | 5.1\% | - |  |  |  |

[^2]2. Results for 1H and Forecasts for 2H \& Full Year for FY Ending March 2016


## (2) IFRS (provisional)

|  | Mar-15 |  |  | Mar-16 |  |  |  |  |  |  |  |  |  | Full-year |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1H <br> results | 2H <br> results | $\begin{aligned} & \text { Full-year } \\ & \text { results } \end{aligned}$ | 1H |  |  |  |  |  | 2H |  |  |  |  |  |  |
|  |  |  |  | forecasts | results | increase/ decrease vs previous year | (\%) | increase/ decrease vs forecasts | (\%) | forecasts *2 | Increase/ decrease vs previous year | (\%) | Risk hedge for actuaria gains/losses | forecasts *2 | increase/ decrease | (\%) |
| Sales |  | 7 | 1,709.5 | 940.0 | 933.3 |  |  |  | - | 976.7 |  |  |  | 1,910.0 | 200.5 | 12\% |
| Core earnings *1 |  |  | 51.7 | 34.0 | 41.2 |  |  |  |  | 43.8 |  | , |  | 85.0 | 33.3 | 64\% |
| CE margin | $\square$ |  | 3.0\% | 3.6\% | 4.4\% | , |  |  |  | 4.5\% | - |  |  | 4.5\% |  | +1 |

*1 JGAAP: Conventional operating profit, IFRS: Core earnings = Revenues - Cost of Sales - SG\&A
*2 Revised the full-year forecast on November 2, 2015
[ Additional information ] Results and assumptions for the foreign exchange rates and raw material prices
[ Additional information ] Results and assumptions for the foreign exchange rates and

|  | Mar-15 <br> results | Mar-16 <br> $1 H$ results | Mar-16 <br> assumptions |
| :--- | ---: | ---: | ---: |
| US dollars | 110.03 | 121.5 | 120 |
| Euros | 140.71 | 135.65 | 130 |
| Thai bahts | 3.35 | 3.54 | 3.72 |
| Chinese yuans | 17.26 | 19.36 | 20.19 |


| Aluminum price <br> (Purchasing price) | 240,000 yen/ton | 250,000 yen/ton | 270,000 yen/ton |
| :--- | :--- | :--- | :--- |
| Copper price | 590,000 yen/ton | 590,000 yen/ton | 700,000 yen/ton |

## 3. Quarterly Financial Results (JGAAP)

Unit: Y bn

|  | Mar-15 |  |  | Mar-16 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1H |  | $\frac{2 \mathrm{H}}{\text { (provisional) }}$ | 1H |  |  |  |
|  | Q1 | Q2 |  | Q1 |  | Q2 |  |
|  |  |  |  |  | Y/Y (\%) |  | Y/Y (\%) |
| LIXIL Water Tech | 93.3 | 102.0 | 212.6 | 102.2 | 9.5\% | 162.9 | 59.7\% |
| LIXIL Housing Tech | 144.9 | 150.3 | 301.1 | 139.3 | -3.9\% | 147.6 | -1.8\% |
| LIXIL Building Tech | 63.2 | 83.0 | 187.8 | 76.0 | 20.4\% | 85.5 | 3.1\% |
| LIXIL Kitchen Tech | 25.5 | 27.6 | 60.6 | 25.2 | -0.9\% | 28.0 | 1.3\% |
| Tech Business Subtotal | 326.8 | 362.9 | 762.1 | 342.7 | 4.9\% | 424.0 | 16.8\% |
| Distribution and Retail | 49.4 | 48.5 | 100.9 | 51.7 | 4.8\% | 49.8 | 2.6\% |
| Housing Service | 14.1 | 15.2 | 30.3 | 14.8 | 4.8\% | 15.4 | 1.1\% |
| Adjustments | -8.8 | -12.0 | -16.1 | -8.6 | - | -12.3 |  |
| Net sales | 381.5 | 414.7 | 877.2 | 400.6 | 5.0\% | 476.8 | 15.0\% |
| Gross profit | 104.7 | 111.5 | 231.1 | 108.4 | 3.5\% | 142.1 | 27.4\% |
| Gross margin | 27.5\% | 26.9\% | 26.3\% | 27.1\% | -0.4 | 29.8\% | +2.9 |
| SG\&A | 99.9 | 103.0 | 192.7 | 102.0 | 2.1\% | 116.4 | 12.9\% |
| SG\&A ratio | 26.2\% | 24.8\% | 22.0\% | 25.5\% | -0.7 | 24.4\% | -0.4 |
| LIXIL Water Tech * | 4.7 | 5.6 | 18.9 | 6.7 | 43.9\% | 23.0 | 313.2\% |
| LIXIL Housing Tech * | 8.2 | 8.8 | 19.5 | 9.2 | 12.6\% | 10.1 | 15.6\% |
| LIXIL Building Tech * | -1.4 | 2.2 | 8.4 | -3.6 | - | 1.5 | -32.7\% |
| LIXIL Kitchen Tech * | -1.7 | -0.9 | 1.6 | 0.1 | - | 0.5 |  |
| Tech Business Subtotal * | 9.7 | 15.7 | 48.4 | 12.4 | 27.4\% | 35.2 | 124.1\% |
| Distribution and Retail * | 2.2 | 1.3 | 3.6 | 2.7 | 22.2\% | 1.7 | 26.3\% |
| Housing Service * | 1.2 | 0.9 | 2.1 | 1.2 | 6.5\% | 1.3 | 40.1\% |
| HQ expenses, amortization and PPA | -8.3 | -9.5 | -15.7 | -10.0 | - | -12.5 |  |
| Core earnings | 4.8 | 8.5 | 38.4 | 6.3 | 31.6\% | 25.7 | 203.7\% |
| CE margin | 1.3\% | 2.0\% | 4.4\% | 1.6\% | +0.3 | 5.4\% | +3.3 |
| Recurring profit | 4.5 | 8.2 | 45.1 | 5.4 | 18.9\% | 21.2 | 158.2\% |
| Net income (loss) | 0 | 3.4 | 18.6 | -32.9 | $\begin{aligned} & \text { Tell into } \\ & \text { the red } \end{aligned}$ | 10.0 | 197.5\% |

${ }^{*}$ Core earnings of business segment is before amortization of goodwill and purchase price allocation

## 4. Segment Information (1) Technology Business (JGAAP)

|  |  | Unit: Y bn |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Water Tech | Housing Tech | Building Tech | Kitchen Tech | $\begin{gathered} \text { Tech } \\ \text { Business } \\ \text { Total } \end{gathered}$ |
| $\begin{gathered} \text { Mar-16 } \\ 1 \mathrm{H} \end{gathered}$ | Sales | 265.1 | 286.9 | 161.5 | 53.2 | 766.7 |
|  | Japan | 131.1 | 286.7 | 49.4 | 49.2 | 516.3 |
|  | Overseas | 133.9 | 0.2 | 112.2 | 4.0 | 250.4 |
|  | Amortization of goodwill | 2.5 | 0.4 | 1.6 | 0.4 | 5.0 |
|  | PPA *1 | 5.4 |  | 1.2 |  | 6.6 |
|  | CE before amortization of goodwill and PPA | 34.3 | 19.3 | -2.1 | 0.6 | 52.1 |
|  | (\%) | 13\% | 7\% | -1\% | 1\% | 7\% |
| $\begin{gathered} \text { Mar-15 } \\ 1 \mathrm{H} \end{gathered}$ | Sales | 195.3 | 295.2 | 146.1 | 53.1 | 689.7 |
|  | Japan | 125.7 | 295.2 | 47.4 | 49.0 | 517.2 |
|  | Overseas | 69.7 | 0.0 | 98.7 | 4.1 | 172.5 |
|  | Amortization of goodwill | 0.8 | 0.4 | 1.7 | 0.4 | 3.3 |
|  | PPA *1 | 0.3 |  | 1.2 |  | 1.5 |
|  | CE before amortization of goodwill and PPA | 10.2 | 16.9 | 0.9 | -2.6 | 25.4 |
|  |  | 5\% | 6\% | 1\% | -5\% | 4\% |



| - Increase/decrease breakdown of CE |  |  |  |  |  | Unit:Y bn <br> Tech Business Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Water Tech | Housing Tech | Building Tech | Kitchen Tech |  |
| Substantial increase/decrease of CE |  | 6.9 | 2.4 | -3.0 | 3.2 | 9.5 |
| Gross profit total |  | 9.2 | -1.5 | 0.8 | 0.9 | 9.3 |
| Japan | Sales increase/decrease | 2.0 | -2.6 | 0.3 | 0.1 | -0.3 |
|  | Mix/pricing | 1.1 | 3.3 | 1.2 | 0.0 | 5.6 |
|  | Cost | 0.1 | -3.2 | 0.2 | 1.0 | -1.9 |
|  | of which forex | -0.8 | -4.0 |  | -0.1 | -4.8 |
|  | of which purchasing condition | 0.0 | -2.3 | -0.1 | -0.3 | -2.7 |
| Overseas | ASB | 2.8 |  |  |  | 2.8 |
|  | Permasteelisa |  |  | 0.3 |  | 0.3 |
|  | Other overseas subsidiaries | -0.1 | 1.0 | -0.9 | -0.3 | -0.4 |
|  | Impact from currency translation | 3.2 | 0.0 | -0.3 | 0.1 | 3.0 |
| SG\&A total |  | -2.1 | 3.9 | -3.7 | 2.3 | 0.4 |
| Japan | SG\&A | 0.8 | 4.1 | -1.2 | 2.4 | 6.2 |
|  | ASB | -1.5 |  |  |  | -1.5 |
|  | Permasteelisa |  |  | -0.2 |  | -0.2 |
|  | Other overseas subsidiaries | 1.2 | -0.2 | -2.2 | 0.0 | -1.2 |
|  | Impact from currency translation | -2.6 | 0.0 | -0.2 | -0.2 | -2.9 |
| New consolidation *2 |  | 17.2 |  |  |  | 17.2 |

*1 Purchase price allocation
*2 GROHE
*3 Sunwave Kitchen Techno Corporation
5. Segment Information (2) Retail and Distribution Business (JGAAP)

Sales and CE for the segment Unit: Y bn

|  |  | Mar-15 <br> 1H results | Mar-16 <br> 1H results | Y/Y(\%) | Mar-15 full-year results |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Sales |  | 97.9 | 101.5 | 3.7\% | 198.8 |
| CE |  | 3.5 | 4.4 | 23.7\% | 7.1 |
| Figures of Ken Depot | Sales | 15.1 | 16.0 | 6.2\% | 30.8 |
| included above | CE | -0.8 | -0.3 | - | -1.3 |

Increase/decrease breakdown of CE

| <1H Mar-16 results: Y/Y> |
| :--- |
| Mar-15 <br> $1 H$ Due to sales <br> fluctuation Sales price Cost SG\&A Cost of new <br> stores Ken Depot TotalMar-16 <br> 1H results |
| 3.5 |

Number of stores

|  | Mar-15 results | Mar-16 |  | Mar-16 |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 1 H results | Y/Y | forecasts | Y/Y |
| Newly opened SVH stores | 1 | 0 | - | 3 | +2 |
| Newly opened NVH stores | 0 | 0 | - | 1 | +1 |
| Newly opened Ken Depot* ${ }^{\text {a }}$ stores | 2 | 0 | - |  |  |
| Number of stores closed | 1 | 0 | - | 1 | +0 |
| Number of stores at end of term | 148 | 148 | 0 | 87 | -61 |
| (SVH stores) | 34 | 34 | 0 | 37 | +3 |
| (NVH stores) | 9 | 9 | 0 | 10 | +1 |
| (Ken Depot* stores) | 64 | 64 | 0 |  |  |
| (VH stores) | 41 | 41 | 0 | 40 | -1 |

*Business transferred to Ken Depot Corporation; equity method affiliate company from October 2015

Results of home center business

|  |  | Units: Y bn |  |  |
| :--- | ---: | ---: | ---: | :---: |
|  | Mar-15 <br> 1H results | Mar-16 |  |  |
| 1H results | Y/Y |  |  |  |
| Sales | 82.8 | 85.5 | $3.2 \%$ |  |
| CE | 5.3 | 5.6 | $7.1 \%$ |  |
| $\%$ | $6.4 \%$ | $6.6 \%$ | +0.2 |  |

Rate of sales growth of home center stores

| <1H Mar-16 results> | Unit: \% |
| :--- | ---: |
| Allores | +3.2 |
| Existing stores only | +2.8 |

*Existing stores: Stores opened by the end of March 2013

Growth rate of customer footfall and average sales per customer
<1H Mar-16 results> Unit: \%

| All stores |  |
| :---: | :---: |
| Customer footfall | +0.3 |
| Average sales | +2.9 |
| Existing stores only |  |
| Customer footfall | 0.0 |
| Average sales | +2.8 |

## 6. Segment Information (3) Housing Services Business (JGAAP)

Sales and CE of the segment
Unit: Y bn

|  | Mar-15 <br> 1H results |  | Mar-16 <br> 1H results |  |
| :--- | ---: | ---: | ---: | ---: |
|  |  | Mar-15 <br> full-year <br> results |  |  |
| Sales | 29.3 | 30.1 | $2.9 \%$ | 59.6 |
| CE | 2.1 | 2.5 | $21.6 \%$ | 4.2 |

## Sales and CE by segment companies

<Mar-16 1H results>
Unit: Y bn

|  | Sales |  |  | CE |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Mar-15 } \\ 1 \mathrm{H} \text { results } \end{gathered}$ | $\begin{gathered} \hline \text { Mar-16 } \\ 1 \mathrm{H} \text { results } \end{gathered}$ | $\begin{aligned} & \mathrm{Y} / \mathrm{Y} \\ & (\%) \end{aligned}$ | Mar-15 <br> 1H results | Mar-16 <br> 1 H results | $\begin{aligned} & \hline \mathrm{Y} / \mathrm{Y} \\ & (\%) \end{aligned}$ |
| LIXIL Housing Research Institute | 12.1 | 12.3 | 1.6\% | 0.6 | 0.9 | 40.6\% |
| JIO | 5.6 | 5.5 | -1.0\% | 0.3 | 0.4 | 51.8\% |
| LIXIL Realty | 3.9 | 5.6 | 44.6\% | 0.4 | 0.5 | 38.2\% |
| Japan Home Shield | 4.7 | 5.1 | 8.0\% | 0.5 | 0.5 | 12.8\% |
| Other \& adjustments | 3.0 | 1.6 | - | 0.4 | 0.3 | - |
| Segment total | 29.3 | 30.1 | 2.9\% | 2.1 | 2.5 | 21.6\% |

Number of contracts received and houses built with housing franchise businesses

| Number of contracts received |
| :--- |



|  | Mar-15 | Mar-16 |  |
| :--- | ---: | ---: | ---: |
|  | 1 H results | 1 H results | $\mathrm{Y} / \mathrm{Y}$ |
| Total for the Group | 1,644 | 1,701 | $3.5 \%$ |

7. Sales by Products and Services

Unit: Y bn
Unit: \%

| Segment | Major products | Mar-15 results | $\begin{array}{\|c\|} \hline \text { Mar-15 } \\ \text { 1H results } \end{array}$ | Mar-16 <br> 1H results | $\begin{aligned} & \hline Y / \\ & (\%) \\ & \hline \end{aligned}$ | Quarterly Y/Y (\%) |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  | Mar-15 |  |  |  | Mar-16 |  |
|  |  |  |  |  |  | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 |
| Lwt | Sanitary ware | 96.4 | 46.0 | 46.9 | 1.9\% | 0.8 | -4.6 | -4.3 | -13.3 | 0.7 | 3.0 |
|  | Bathroom units | 87.6 | 42.6 | 44.8 | 5.3\% | 1.6 | -3.1 | -5.4 | -8.6 | 4.0 | 6.6 |
|  | Washstand cabinet units | 32.9 | 15.5 | 15.9 | 2.5\% | 5.6 | -2.4 | -3.1 | -11.0 | 1.1 | 3.9 |
| LHT | Housing sashes and related products | 201.2 | 99.3 | 101.9 | 2.6\% | -5.2 | -5.1 | -8.1 | -7.4 | 3.6 | 1.6 |
|  | Exterior | 116.4 | 60.9 | 54.5 | -10.6\% | 8.3 | 3.2 | -6.4 | -17.5 | -12.6 | -8.4 |
|  | Wooden interior furnishing materials | 55.6 | 26.9 | 27.8 | 3.6\% | 0.6 | -3.8 | -8.3 | -14.4 | 2.4 | 4.7 |
|  | Exterior wall materials for houses | 32.1 | 16.5 | 15.8 | -4.1\% | -5.9 | -16.4 | -12.3 | -23.7 | -6.0 | -2.2 |
|  | Tiles | 29.4 | 14.1 | 13.7 | -3.1\% | 0.6 | -3.1 | -6.9 | -7.7 | -3.7 | -2.5 |
|  | Interior fabric | 30.5 | 14.3 | 13.9 | -2.3\% | -1.2 | -6.9 | -8.7 | -6.0 | -12.0 | 6.4 |
|  | LHT Other | 57.4 | 28.9 | 23.9 | -17.2\% | 3.0 | 4.5 | -21.8 | -9.9 | -12.4 | -21.2 |
| LBT | Building sashes | 104.7 | 43.4 | 45.4 | 4.6\% | 4.0 | -2.2 | 0.5 | -4.5 | 8.3 | 2.4 |
| LKT | Kitchens | 102.6 | 48.7 | 49.2 | 1.0\% | -5.3 | -8.4 | -6.8 | 8.8 | 0.4 | 1.6 |
| D\&R | Home center sales | 198.8 | 97.9 | 101.5 | 3.7\% | 2.6 | 6.4 | 5.4 | -6.3 | 4.8 | 2.6 |
|  | Overseas | 393.4 | 176.8 | 259.0 | 46.5\% | 64.1 | 42.4 | 26.6 | 18.6 | 21.8 | 68.3 |
| , | Other | 134.4 | 64.4 | 63.2 | -1.9\% | -1.4 | -0.6 | -0.6 | -14.6 | 4.3 | -7.6 |
|  | Total | 1,673.4 | 796.2 | 877.4 | 10.2\% | 9.5 | 5.5 | 1.1 | -3.1 | 5.0 | 15.0 |

* Due to the change in the business structure toward technology business,
order of the products and some segmentation in this chart were changed.


## 8 Renovation Business

Ratio of renovation business
Unit: $Y$ bn

|  | Mar-15 |  | Mar-16 |  |
| :---: | ---: | ---: | ---: | ---: |
|  | $1 H$ results | $\mathrm{Y} / \mathrm{Y}$ | 1 H results | $\mathrm{Y} / \mathrm{Y}$ |
| Sales from renovation business | 182.5 | $3 \%$ | 202.8 | $11 \%$ |
| Ratio of renovation business* | $29 \%$ | +1 | $33 \%$ | +3 |

*Ratio of sales of products used for renovation against total domestic sales (including subsidiaries)
Sales of renovation products

|  | Mar-14 | Mar-15 |  | Mar-16 |  |  | Mar-16 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | results | results | Y/Y | 1H results | Y/Y | Vs Plan | forecasts | Y/Y |
| Group total | 282.6 | 279.6 | -1\% | 148.8 | 10\% | 9\% | 290.0 | 4\% |
| Renovation ratio | 31\% | 32\% | +1 | 36\% | +3 | +3 | 33\% | +1 |

## Renovation network

(Number of member homebuilders)
Unit: Stores

| Franchise type | Mar-13 <br> results | Mar-14 <br> results | Mar-15 <br> results | Sep-15 <br> result |
| :--- | ---: | ---: | ---: | ---: |
| LIXIL Reform Shop | 377 | 376 | 424 | 451 |

Changed from "LIXIL Reform Chain" since April 2015
Unit: Stores

| Voluntary type | Mar-13 <br> results | Mar-14 <br> results | Mar-15 <br> results | Sep-15 <br> results |
| :--- | :---: | :---: | :---: | :---: |
| LIXIL Reform Net | 9,356 | 10,203 | 11,708 | $\mathbf{1 2 , 0 4 6}$ |

## 9. Overseas Production Ratio and Sales

Overseas production ratio

| Products | Locations | Overseas production ratio <br>  |  |
| :---: | :---: | ---: | ---: |
|  | Mar-16 <br> 1H results |  |  |
| Interior wooden <br> surnishing materials | Thailand, Vietnam | $27 \%$ | $22 \%$ |
| Sanitary ware | China | $43 \%$ | $41 \%$ |
| Water faucets | China, Vietnam | $43 \%$ | $43 \%$ |
| Floor tiles | China, Vietnam | $53 \%$ | $55 \%$ |

Sales overseas
Unit: Y bn

| Areas | Mar-15 1H results |  |  | Mar-16 1H results |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Sales | Sales excluding Permasteelisa | Sales of Permasteelisa | Sales |  | Sales excluding Permasteelisa |  | Sales of Permasteelisa |
|  |  |  |  |  | Y/Y |  | Y/Y |  |
| Greater China | 35.7 | 22.7 | 13.0 | 40.7 | 14.0\% | 26.0 | 14.4\% | 14.7 |
| Thailand | 7.2 | 6.0 | 1.2 | 9.2 | 26.4\% | 8.5 | 40.4\% | 0.7 |
| Vietnam | 3.9 | 3.9 | 0.0 | 4.8 | 23.3\% | 4.8 | 23.6\% | 0.0 |
| Korea | 4.7 | 4.6 | 0.1 | 6.2 | 32.8\% | 6.2 | 35.2\% | 0.0 |
| Other Asian countries | 8.6 | 3.8 | 4.8 | 11.4 | 32.3\% | 7.0 | 85.2\% | 4.4 |
| Middle East | 14.7 | 0.0 | 14.7 | 13.5 | -8.6\% | 7.0 |  | 6.5 |
| North America | 69.6 | 46.1 | 23.5 | 98.3 | 41.2\% | 61.4 | 33.2\% | 36.9 |
| Europe | 26.1 | 0.2 | 25.9 | 56.6 | 116.9\% | 25.2 | - | 31.4 |
| Others | 6.2 | 2.3 | 3.9 | 18.3 | 196.4\% | 13.0 | 473.1\% | 5.3 |
| Total | 176.8 | 89.5 | 87.3 | 259.0 | 46.5\% | 159.1 | 77.6\% | 99.9 |

(For reference)
Overseas sales ratio

|  | Mar-12 <br> results | Mar-13 <br> results | Mar-14 <br> results | Mar-15 <br> results | Mar-16 <br> $1 H$ results |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Overseas sales | 53.9 | 205.1 | 293.9 | 393.4 | 259.0 |
| Overseas sales ratio | $4.2 \%$ | $14.3 \%$ | $18.0 \%$ | $23.5 \%$ | $29.5 \%$ |

## 10. Permasteelisa

Full-year= January to December (until 2014)

Regional sales contribution

FY2014


FY2015 1H


New orders by region
FY2014


FY2015 1H


Orders received

| Unit: million euros |  |  |
| :---: | ---: | ---: |
|  | Dec-14 <br> 1H results | Dec-15 <br> 1H results |
| New Orders | 714 | 1,098 |
| Backlog | 2,013 | 2,541 |

## 11. ASB

Full-year= January to December (until FY13)

April to March (since FY14)
Business performance of ASB (in Yen, consolidated period)
Unit: Y bn

|  | Mar-15 <br> 1H results | Mar-16 <br> 1H results | Mar-16 <br> forecasts |
| :--- | ---: | ---: | ---: |
| Sales | 47.4 | 61.7 | 117.7 |
| CE | 1.2 | 3.0 | 3.0 |
| \%mortization of Goodwill and <br> intangible assets* | $3 \%$ | $5 \%$ | $3 \%$ |
| CE $^{*}$ | 0.7 | 0.9 | 0.6 |
| Exchange rate Yen/USD | 103.5 | 121.5 | 120.0 |

* Includes impact of consolidation

Goodwill and other intangible assets Unit: million dollars

|  | Mar-15 1H results |  | Amortization period |
| :---: | :---: | :---: | :---: |
|  | Amortization | End Balance |  |
| Goodwill | 4 | 150 | 20 years |
| Other intangible assets* | 3 | 120 | 5 to 30 years |
| Total | 7 | 271 |  |

*Includes only intangible assets that are required to be amortized.

Business performance of ASB (in USD)


## 12. GROHE

Full-year= January to December (until 2014)
Non-current asset allocation

|  | Mar-16 results <br> (JGAAP) fixed | Amortization <br> period |
| :--- | ---: | :--- |
| Goodwill | 1,220 | Un years <br> Not amortized <br> in IFRS |
| Trademark <br> (Unamortized intangible assets) | 1,349 | None |
| Other intangible assets | 231 | 6 to 13 years |
| Revaluation of fixed assets, <br> inventories and other | 106 | Case-by-case |
|  | 2,907 |  |

Balance sheet

|  | Dec-2014 | Sep-2015 |  |
| :--- | :--- | ---: | ---: |
|  | Cash and cash equivalents | 150 | 137 |
| Accounts receivable | 190 | 202 |  |
| Inventories | 183 | 210 |  |
| Other current assets <br> Current assets$\|$Property, plant and equipment | 35 | 28 |  |
|  | Intangible fixed assets | 1968 | 575 |
| Other non-current assets | 1,440 | 193 |  |
| Non-current assets | 255 | 1,435 |  |
| Total assets | 1,892 | 1,638 |  |


|  | Unit: million euros |  |
| :---: | :---: | :---: |
|  | Dec-2014 | Sep-2015 |
| Notes and accounts payable | 125 | 203 |
| Short-term loans payable | 81 | 94 |
| Other current liabilities | 269 | 231 |
| Current liabilities | 475 | 527 |
| Long-term loans payable | 1,062 | 1,004 |
| Other liabilities | 599 | 554 |
| Non-current liabilities | 1,661 | 1,558 |
| Total liabilities | 2,136 | 2,085 |
| Total equity | 313 | 128 |

Profit and loss statement
Unit: million euros

|  |  | Mar-14 1H <br> results <br> (Apr-Sep) |  | Mar-2016 <br> forecast |
| :--- | ---: | ---: | :---: | :---: |
|  | Net sales | 692 |  |  |

13. Scope of Consolidation of Subsidiaries and Equity Method Affiliates (JGAAP)

|  | $14 / 06$ | + | - | $14 / 9$ | + | - | $14 / 12$ | + | - | $15 / 03$ | + | - | $15 / 06$ | + | - | $15 / 09$ |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Consolidated subsidiaries | 126 | 2 | 0 | 128 | 0 | 2 | 126 | 0 | 3 | 123 | 55 | 3 | 175 | 2 | 0 | 177 |
| Equity method affiliates | 4 | 0 | 1 | 3 | 1 | 0 | 4 | 1 | 0 | 5 | 3 | 2 | 6 | 0 | 0 | 6 |

* Impact to sales and profit due to new consolidation

Y45.1bn in sales, Y10.1bn in CE

## 14. Goodwill

## Amortization of negative goodwill

None for this fiscal term
Unit: $Y$ bn
Amortization of goodwill (Amortization of other intangible assets is excluded)

|  | Mar-15 results |  | Mar-161 H results |  | Mar-16 forecasts |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Amortization | Balance | Amortization | Balance | Amortization |
| American Standard AP | 0.2 |  | - |  |  |
| Kawashima Selkon Textiles | 0.6 | 0.7 | 0.3 | 0.4 | 0.6 |
| LIXIL Haier Housing Products | 0.7 | 1.7 | 1.3 | 0.3 | 0.7 |
| Hivic | 0.3 | 0.4 | 0.1 | 0.3 | 0.3 |
| Permasteelisa | 3.4 | 28.1 | 1.6 | 24.7 | 3.0 |
| ASB | 0.9 | 18.0 | 0.5 | 18.0 | 0.9 |
| Star Alubuild | 0.4 | 0 | - |  | 0.4 |
| GROHE | - |  | 2.0 | 165.4 | 4.1 |
| Other | 0.4 | 0.5 | 0.1 | 0.5 | 0.1 |
| Total | 6.8 | 49.5 | 6.0 | 209.6 | 10.1 |
| SG\&A | 6.5 |  | 5.1 |  | 9.1 |
| Extraordinary loss | 0.4 |  | 0.9 |  | 0.9 |

15. Recent M\&As / Business \& Capital Alliances (JGAAP)

| Timing | Company name | Target | Sales |  | Purchasing amount | Ownership ratio | Total amount of goodwill | Effect |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Time of acquisition | $\begin{gathered} \text { FY Dec-14 } \\ \text { result } \end{gathered}$ |  |  |  |  |
| Jul 2009 (partly Nov 2009) | American Standard Asia Pacific (Group) | Sanitary ware(Asia) | 23.5 | - | 17.6 | 100\% | Net goodwill 2.1/ Intellectual property 3.5 | >Gain business platform in Asia <br> >Rebuild Asian base |
| Jan 2011 | Shanghai Meite Curtain Wall Co., Ltd. | Building sashes (China) | 12.0 | 21.9 | 3.2 | 75\% | 0.5 | >Expand building sashes in China |
| Dec 2011 | Permasteelisa | Building sashes (Global) | 116.0 | 198.2 | 60.8 | 100\% | Goodwill 34.3 Other intangible assets 35 | >Globally expand building sashes |
| Aug 2013 | ASD Americas Holding (ASB) | Plumbing products (North America) | 82.0 | 99.9 | 30.5 | 100\% | Goodwill 14.7 Other intangible assets 21.7 | >Establish North American platform |
| Oct 2013 | Star Alubuild | $\begin{aligned} & \text { Building sashes } \\ & \text { (India) } \end{aligned}$ | 1.7 | 0.6 | 0.7 | 70\% | 0.4 | >Business development in India |
| $\begin{aligned} & \text { Jan 2014 } \\ & \text { (Additionally Apr } \\ & \text { 2015) } \\ & \hline \end{aligned}$ | GROHE Group S.à r.l. | Plumbing fixtures, especially faucets (Europe, Global) | 157.5 | $165.3^{* 1}$ | 80.1 | $44 \% \rightarrow 56 \%$ | Goodwill 157.3 Other intangible assets 209.3 | >Establish European platform |
| Oct 2014 | GROHE DAWN WaterTech Holdings | faucets, sanitary ware (Africa) | 12.9 | $14.6{ }^{* 2}$ | 8.6 | 51\% | Goodwill 1.2 Other intangible assets 7.8 | $>$ Gain access to Sub- <br> Saharan market |

*1 GROHE is an equity method company until FY ended Mar-15, but on this chart, sales for FY ended Dec-14 (full-year) is shown
*2 Estimate

M\&As of Japanese companies

| M\&As of Japanese companies |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Timing | Company name | Target | Sales |  | Purchasing amount | Ownership ratio | Total amount of goodwill | Effect |
|  |  |  | Time of acquisition | FY Mar-15 result |  |  |  |  |
| Apr 2010 | Shin Nikkei Company Ltd. | Housing/building sashes | 110.0 | Integrated into LIXIL in April 2011 | 0.0 | 100\% | 5.4 | $>$ Exceed 50\% share in housing sashes $>$ Cost reduction |
| $\begin{aligned} & \text { Apr } 2010 \\ & \text { (partly Jun } \\ & \text { 2009) } \\ & \hline \end{aligned}$ | Sun Wave Corporation | Kitchen | 85.0 |  | 13.7 | $\begin{gathered} 80 \% \rightarrow \\ \text { FY13 100\% } \end{gathered}$ | -6.1 | $>$ Become a leader in the kitchen segment <br> $>$ Cost reduction |
| Aug 2011 (partly Dec 2010) | Kawashima Selkon Textiles Co., Ltd. | Interior fabric such as curtains | 34.3* | 30.4 | Y2.2bn (Dec 2010) Share exchange rate 1:0.035 (Aug 2011) | 100\% | 1.7 | >Create synergy with sales of existing window business >Utilize Kawashima brand |
| Oct 2011 | HIVIC Co., Ltd. | Wood related products | 24.4 | 19.7 | Share exchange rate 1:0.094 | 100\% | 1.4 | $>$ Strengthen wood related products and services |

* Excludes interior fabric business for vehicle which the company separated business

Business \& Capital Alliances with Japanese companies
Unit: Y bn
Business \& Capital Alliances with Japanese companies

| Timing | Company name | Target | Purchasing <br> amount | Ownership <br> ratio | Effect |
| :--- | :--- | :--- | :---: | :---: | :---: |
| Dec 2010 | Leopalace 21 | Major lease <br> management, <br> renovation, and other | 1.8 | $9 \% \rightarrow 0 \%$ | >Expand sales for <br> Leopalace |
| Sept 2013 | EDION | Renovation business <br> in the home electrical <br> appliance industry | 5.0 | $8 \%$ | >Expand sales for EDION |
| Oct 2013 | Sharp | New product <br> development by <br>  <br> electrical materials | 5.0 | $1 \%$ | >Expand sales, <br> development of new <br> products |

16. Major differences of accounting process between IFRS and JGAAP

|  | JGAAP | IFRS | Mar-16 1H CE impact |
| :---: | :---: | :---: | :---: |
| Scope of consolidation | Materiality (such as future prospects) standard in assets, sales, profit and surplus. | In principle, all subsidiaries and associates are consolidated. | Subsidiaries' FS (not included in JGAAP consolidation). |
|  |  |  | +Y5.0bn |
| Fiscal year-end | Three month-gap can be accepted at the maximum. | The same fiscal year-end as the LIXIL. (FY ends in March) | The three month period (Jan to Mar) of the subsidiaries, whose FY ends in Dec, is recorded to FS of the previous FY. |
|  |  |  | +Y8.2bn |
| Depreciation method | The declining-balance method. (Mainly in Japan) | The straight-line method. | New facilities: depreciation expenses tend to decrease. Elapsed facilities: depreciation expenses tend to increase. |
|  |  |  | -Y0.3bn |
| Goodwill amortization | Goodwill is amortized within 20 years. | Goodwill is not amortized, but impairment test needs to be conducted once every fiscal year. | Goodwill amortization is recognized in PL. |
|  |  |  | +Y5.1 bn |
| Actuarial gains/losses from retirement benefits | This item is recorded in PL. (Gains=deducted from cost and expenses) | This item is recorded in Other comprehensive income. | The amount recorded in JGAAP will be an impact to PL. |
|  |  |  | -Y10.9bn |
| Construction contracts | The completed-contract method or percentage-of-completion method. | Cost recovery method or percentage-of-completion method. | Revenue are recognized by the timing of progress. |
|  |  |  |  |

## 17. IFRSI JGAAP profit level (Figures are of 1H March 2016)

There is a change in profit level structure of PL in IFRS base.
The conventional "Operating profit" in JGAAP will be continued to be managed as "Core earnings" after adopting IFRS.
Unit: Ybn



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[^1]:    (1) Conventional operating profit
    (2) Net income attribute to owners of the parent
    (2) Net income attribute to owners of the parent
    (3) JGAAP: Core earnings + Depreciation and amortization of goodwill

[^2]:    * Core earnings of business segment is before amortization of goodwill and purchase price allocation.

