# 4Q23 & FY2023 Earnings Results

# KRAFTON

FEBRUARY, 2024

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# **KRAFTON in 2024**

# KRAFTON



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## Looking Back on 2023

### **Confidence in Long-term Growth and Sustainability of PUBG IP**

### 2023 Message Recap: PUBG IP

#### Strengthened F2P transition momentum

- Overall enhancements of In & Out-game content
- Solid growth in traffic and revenue
- Continued global long-term service, sustaining growth to become a 'beloved game'
  - Fresh experience to returned and new generations
  - Focus on enhanced Anti-Cheat capabilities to increase user trust and satisfaction

### **Key Performance of PUBG in 2023**

- Solid growth of PUBG PC/Console
  - Revenue growth for three consecutive years, 37% increase YoY
  - Highest PCU1) for the year in Dec, a 70% increase from the lowest
  - Improved monetization driven by In & Out-game content
- Swift Recovery of BGMI after relaunch, confirming growth potential in the Indian market
  - Record high traffic and revenue after relaunch
  - Localized content and marketing for revenue growth
  - Established dominant position in Indian Esports market

## **KRAFTON's 2024 Strategic Focus**

### From "Original Creative" to "Scale-up the Creative"

### 2023 Message Recap: Key Direction





#### Strengthen Production Management Capabilities

HQ control based on gameplay & quality standards

Maximize Performance of Creative Studios

#### Strengthen Publishing Capabilities

Expand our IP portfolio through investments + 2PP<sup>1</sup>)

Maximize synergy by utilizing KRAFTON's global experiences & publishing process / infrastructure

### 2024 Strategic Focus: Scale-up the Creative

### **Discover original creatives to scale-up as "1B IP"s**

- "Original Creative" DNA + a shift in perspective
- Scale-up discovered creatives, production, service
- Creatives are discovered vs. Creatives can be scaled-up

• Amateur mod by PlayerUnknown called Battle Royale



- Implanted to a standalone game by skilled developers
  Global success as a mainstream genre
- Further success on mobile platform

### **Scale-up Direction**

### **Exploring Possibilities and Restructuring through Scale-up the Creative**

#### Popularize Core Gameplay

**IP Franchise** 

**Transition to GaaS model** 

**Expanding platforms** 

**Reaching new markets** 

**Expanding audience** 

#### **Direction of Restructuring**

- Multi-Publishing Line to efficiently launch multiple new titles
- A single command line established to achieve effective alignment
- Centralize organizations to HQ

# **Strategic Titles for 2024**



Bringing the pioneering original Extraction RPG to the mobile platform

- Realistic medieval low fantasy
- Battle Royale with survival, exploration and RPG elements
- Differentiated physics based non-target action combat
- A dungeon-crawler including various objects and terrains
- Mobile-friendly gameplay experience and communities

DARKANDDARKER

### INZOI

Securing the unique position of a life simulation game

- Highly anticipated title based on global gamer reaction
- Ironically an opportunistic market being dominated by a single franchise for so long
- Unique hyper-realistic life simulation game by quickly adapting latest technologies
- Developed as a creative game through AI technologies



### DiNKUM Mobile

Expanding a solo developer's creativity to the mobile market

- Challenging new gameplay in a genre familiar to other platforms but rare to mobile
- Adopting the proven core mechanics of the original game for mobile gameplay
- Introducing monetization and seasonal updates for continuous live service



### BLACK BUDGET

#### Popularizing the Extraction Shooter genre inheriting PUBG gunplay

- Essential genre specific experience of gambling
- A world demanding strategic choices during every session
- Player progression varied by Risk-Reward decisions
- Inheriting and enhancing PUBG's powerful gunplay
- Deep and challenging gameplay experience



#### SUBNAUTICA2

#### Sequel to the original IP pursuing community-first game development

- Explore an oceanic world in stunning stylized graphics powered by Unreal Engine 5
- Single-player or optional 2-4 player co-op to uncover the mysteries on an entirely new alien planet



### 2024, the Tipping Point for Stepwise Growth

### Seeking Solid Growth for PUBG IP and Stepwise Growth Through New IPs under 'Scale-up the Creative'



# **KEY INITIATIVES FOR FUTURE GROWTH**

### **PUBG IP Franchise**

### Expand as a PUBG IP Multi-product and Ultimately Scale-up to a 10B IP

Enhance PUBG PC Gameplay Platform

Strengthen Core & Community Diversify Gameplay Experience Venture Console Reboot & Single-play

Implement Game Experience Optimized for Console Mobile Audience Expansion Hardcore & Hybrid Casual

Mobile Adaptation of Hardcore Gaming Casual Genre for Player Expansion

Explore changes in **platform/genre player experiences** reflecting **core values** of PUBG Priority on strengthening and expanding IP through **games** Gradual expansion of **branding** and **products beyond games** to create cultural trends



### **BGMI** Solid Growth, Publishing/Esports/New Business Opportunities

**Steady Growth of BGMI** 

**Expand Publishing Titles Leveraging Strong Presence** 

**Continuous Development of BGMI Esports** 

Increase Investment and Explore New Opportunities



### Advancements in **Deep Learning** Technology to Lead the Future

### 2023 Key Activities

### AI Technology Development

| LLM     | LLM enhancements, Data generation /<br>Programming / Application to learn game lores |
|---------|--|
| Voice   | Korean/Multi-language/Personalized TTS   |
| Art     | High Quality 2D Art generation,<br>2D→3D Avatar generation                           |
| Game Al | Reinforcement Learning / LLM-based<br>Game Al Bot                                    |

### Most AI research papers in domestic game industry

- Five regular track papers published at NeurIPS 2023 (#1 among Korean game companies, #3 among global)

### 2024 Strategic Focus (AI Application and Acceleration)

#### **Production Cost Down** \$ Dramatic reduction in costs. Significant increase in game production efficiency DEEP **New Gameplay** LEARNING $\mathbf{B}$ Reinvent gameplay, Provide personalized (A) gaming experience $\mathbf{Q}_{a}^{a}$ **New Way to Create** Innovate the process of Creative production

# Wrapping Up

Focusing on Core Values of Original Creative

Scale-up the Creative: Long-term Perspective

More and Faster Attempts (2PP, Multi-Publishing Line)

**Securing M&A Opportunities** 

**Tipping Point for Stepwise Growth** 

# 4Q23 & FY2023 Financial Performance

# KRAFTON



FY2023 Revenue

**KRW 1.9** 

Achieved all-time high revenue driven by our core IP, PUBG



Robust growth of PC/Console revenue driven by F2P transition of PUBG PC/Console, enhanced live service, and stable traffic

# 2023 **Results at** a Glance

# ORIGINAL CREATIVE



Discovered 30 original creatives, Multi-Publishing Line for continuous release of new titles

Incubating Pipelines (As of December 2023)

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# **4Q Earnings Summary**

#### Revenue

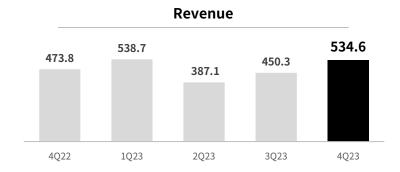
#### KRW 534.6bn

Revenue grew QoQ 18.7% and YoY 12.8% driven by growth in PC, Mobile, and Console despite low-seasonality

### Operating Profit KRW 164.3bn

Operating profit grew 30.3% YoY on back of solid PUBG IP revenue, yet decreased 13.2% QoQ due to increased costs related to major games services

|                           |      |              |          | F           |                          |                   | г          |         |        |
|---------------------------|------|--------------|----------|-------------|--------------------------|-------------------|------------|---------|--------|
| (KRW bn)                  |      | 4Q 2022      | 3Q 2023  | 4Q 2023     | QoQ                      | ΥοΥ               | FY2022     | FY2023  | YoY    |
| Revenue                   |      | 473.         | 8 450.3  | 534.6       | 18.7%                    | 12.8%             | 1,854.0    | 1,910.6 | 3.1%   |
| PC                        |      | 139.         | 1 121.3  | 167.1       | 37.8%                    | 20.1%             | 465.0      | 583.9   | 25.6%  |
| Mobile                    |      | 254.         | 7 309.1  | 342.7       | 10.9%                    | 34.5%             | 1,252.8    | 1,244.8 | -0.6%  |
| Console                   |      | 67.          | 7 12.0   | 17.4        | 44.5%                    | -74.3%            | 104.1      | 55.7    | -46.5% |
| Others                    |      | 12.          | 2 7.9    | 7.4         | -6.6%                    | -39.3%            | 32.2       | 26.2    | -18.6% |
| Operating Expens          | es   | 347.         | 6 261.0  | 370.2       | 41.8%                    | 6.5%              | 1,102.4    | 1,142.5 | 3.6%   |
| Operating Profit          |      | 126.         | 2 189.3  | 164.3       | -13.2%                   | 30.3%             | 751.6      | 768.0   | 2.2%   |
| % Margin                  |      | 26.69        | % 42.0%  | 30.7%       | -11.3%p                  | 4.1%p             | 40.5%      | 40.2%   | -0.3%  |
| Adj. EBITDA <sup>1)</sup> |      | 160.         | 3 197.3  | 219.7       | 11.4%                    | 37.0%             | 792.7      | 903.7   | 14.0%  |
| % Margin                  |      | 33.89        | % 43.8%  | 41.1%       | <i>-2.7%p</i>            | 7.3%p             | 42.8%      | 47.3%   | 4.5%   |
| Net Profit                |      | (165.4       | ) 211.6  | (13.2)      | <b>T/D</b> <sup>2)</sup> | C/D <sup>2)</sup> | 500.2      | 594.1   | 18.8%  |
| % Margin                  |      | -34.99       | % 47.0%  | -2.5%       | -49.5%p                  | 32.4%p            | 27.0%      | 31.1%   | 4.1%   |
|                           | Oper | ating Profit |          | _           |                          |                   | Net Profit |         |        |
| 2                         | 83.0 |              |          |             |                          |                   |            |         |        |
| 126.2                     |      | 131.5        | .89.3 16 | <b>54.3</b> |                          | 267.2             | 128.5      | 211.6   |        |
|                           |      |              |          |             | (165.4)                  |                   |            |         | (13.2) |
| 4Q22                      | 1Q23 | 2Q23         | 3Q23 40  | Q23         | 4Q22                     | 1Q23              | 2Q23       | 3Q23    | 4Q23   |



1) Adj. EBITDA = EBITDA + Share-based payment expenses 2) T/D: Turned to Deficit, C/D: Continued in Deficit \_\_\_\_\_I

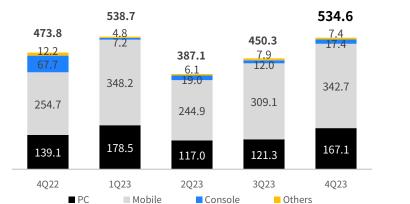
### **Revenue Breakdown**

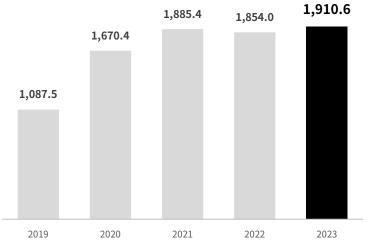
| Revenue   | (KRW bn) | 4Q 2022 | 3Q 2023 | 4Q 2023 | QoQ   | ΥοΥ    | FY2022  | FY2023  | ΥοΥ    |
|---|----------|---------|---------|---------|-------|--------|---------|---------|--------|
|   | Revenue  | 473.8   | 450.3   | 534.6   | 18.7% | 12.8%  | 1,854.0 | 1,910.6 | 3.1%   |
| <b>2023 KRW 1,910.6bn</b> (YoY 3.1% ↑)                    | PC       | 139.1   | 121.3   | 167.1   | 37.8% | 20.1%  | 465.0   | 583.9   | 25.6%  |
| <b>4Q23</b> KRW <b>534.6bn</b> (QoQ 18.7% ↑, YoY 12.8% ↑) | Mobile   | 254.7   | 309.1   | 342.7   | 10.9% | 34.5%  | 1,252.8 | 1,244.8 | -0.6%  |
|   | Console  | 67.7    | 12.0    | 17.4    | 44.5% | -74.3% | 104.1   | 55.7    | -46.5% |
|   | Others   | 12.2    | 7.9     | 7.4     | -6.6% | -39.3% | 32.2    | 26.2    | -18.6% |

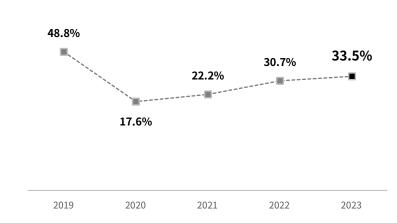
Revenue Breakdown (Quarterly)



#### PC/Console Revenue Proportion (Annual)







# **Operating Expenses & Profit**

| Operating Profit                                      | (KRW bn)  | 4Q 2022                               | 3Q 2023             | 4Q 2023 | QoQ                              | ΥοΥ              | FY2022                | FY2023                  | ΥοΥ         |
|---|---|---------------------------------------|---------------------|---------|----------------------------------|------------------|-----------------------|-------------------------|-------------|
| operating i font                                      | Operating Costs   | 347.6                                 | 261.0               | 370.2   | 41.8%                            | 6.5%             | 1,102.4               | 1,142.5                 | 3.6%        |
| <b>2023</b> KRW 768.0bn (YoY 2.2% ↑)                  | Personnel   | 63.4 <sup>1)</sup>                    | 102.3               | 120.9   | 18.2%                            | 90.8%            | 364.8 <sup>1)</sup>   | 427.3                   | 17.1%       |
| <b>4Q23</b> KRW 164.3bn (QoQ 13.2% ↓, YoY 30.3% ↑)    | Platform fees/Cost of Revenue <sup>2)</sup>                 | 57.7                                  | 59.9                | 87.9    | 46.7%                            | 52.4%            | 207.1                 | 226.8                   | 9.5%        |
|   | Paid Commissions  | 102.7                                 | 64.9                | 61.9    | -4.5%                            | -39.7%           | 325.3                 | 258.9                   | -20.4%      |
| Adj. EBITDA   | Marketing   | 81.2                                  | 18.1                | 34.2    | 89.7%                            | -57.8%           | 129.7                 | 66.1                    | -49.1%      |
| Auj. LDITDA   | Share-based Payment Expenses                                | (9.7)                                 | (19.8)              | 28.3    | n/m                              | n/m              | (63.6)                | 27.6                    | n/m         |
| <b>2023</b> KRW 903.7bn (YoY 14.0% ↑)                 | Others  | 52.4                                  | 35.6                | 36.9    | 3.6%                             | -29.6%           | 139.1                 | 135.9                   | -2.3%       |
| <b>4Q23</b> KRW 219.7bn (QoQ 11.4% ↑, YoY 37.0% ↑)    | Operating Profit  | 126.2                                 | 189.3               | 164.3   | -13.2%                           | 30.3%            | 751.6                 | 768.0                   | 2.2%        |
| <b>4Q23 KKW 213.1011</b> (Q0Q 11.4%   , 101 57.0%   ) | % Margin  | 26.6%                                 | 42.0%               | 30.7%   | -11.3%p                          | 4.1%p            | 40.5%                 | 40.2%                   | -0.3%p      |
|   | Adj. EBITDA <sup>3)</sup>                                   | 160.3                                 | 197.3               | 219.7   | 11.4%                            | 37.0%            | 792.7                 | 903.7                   | 14.0%       |
|   | % Margin  | 33.8%                                 | 43.8%               | 41.1%   | -2.7%p                           | 7.3%p            | 42.8%                 | 47.3%                   | 4.5%p       |
| Operating Profit (Quarterly)                          | Adj. EBITDA (Quarterly)                                     |                                       |                     |         | Adj. EBITDA (Annual)             |                  |                       |                         |             |
|   |   |                                       |                     |         |                                  | 854.8            | 883.1                 | 856.2                   | 903.7       |
|   | 319.0   |                                       |                     |         |                                  | 77.36.877        | 167.0                 | (63.6) <sup>4)</sup>    | w27:6w      |
| 283.0<br>126.2 131.5 189.3 164.3                      | 170.0 167.7<br>(9.7) <sup>4)</sup> 308.9 9.1<br>160.3 158.7 | 217.0<br>(19.8) <sup>4</sup><br>197.3 | 219.7<br>j<br>191.4 |         | <b>456.2</b><br>759:377<br>396.9 | 818.0            | 716.1                 | 792.7                   | 876.1       |
| 4Q22 1Q23 2Q23 3Q23 4Q23                              | 4Q22 1Q23 2Q23<br>■ Adj. EBITDA Ø Share                     | 3Q23<br>-based payment                | 4Q23<br>expenses    |         | 2019 Adi                         | 2020<br>. EBITDA | 2021<br>⊗ Share-based | 2022<br>I payment exper | 2023<br>1se |

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2) Platform fees / Cost of Revenue consist of Steam, market commissions, etc

1) 4Q 2022 reversal of provision (KRW 38bn)

3) Adj. EBITDA = EBITDA + Share-based payment expenses4) Reversal of share-based payment expenses

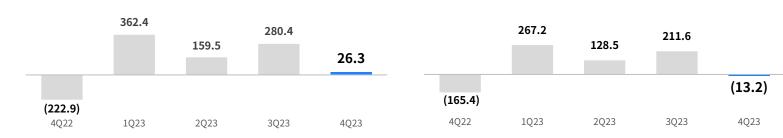
# **Net Profit**

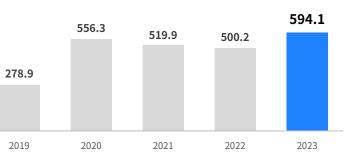
**Net Profit** 

**2023** KRW **594.1bn** (YoY 18.8% ↑)

**4Q23** KRW -13.2bn (QoQ T/D<sup>2</sup>), YoY C/D<sup>2</sup>)

|                          |                        | r       |         |                                   |                                   | r                          |        |                   |
|--------------------------|------------------------|---------|---------|-----------------------------------|-----------------------------------|----------------------------|--------|-------------------|
| (KRW bn)                 | 4Q 2022                | 3Q 2023 | 4Q 2023 | QoQ                               | ΥοΥ                               | FY2022                     | FY2023 | ΥοΥ               |
| Non-Operating Profit     | (349.1)                | 91.2    | (138.0) | <b>T/D</b> <sup>2)</sup>          | C/D <sup>2)</sup>                 | (67.7)                     | 60.6   | T/P <sup>2)</sup> |
| Non-Operating Income     | (40.2)                 | 103.3   | 190.6   | 84.6%                             | n/m                               | 318.5                      | 521.0  | 63.6%             |
| Other Income             | (49.8)                 | 94.7    | 182.8   | 93.1%                             | n/m                               | 284.8                      | 483.5  | 69.8%             |
| Finance Income           | 9.6                    | 8.6     | 7.8     | -9.5%                             | -19.0%                            | 33.7                       | 37.5   | 11.3%             |
| Non-Operating Expense    | 308.9                  | 12.1    | 328.6   | 2,619.8%                          | 6.4%                              | 386.2                      | 460.4  | 19.2%             |
| Other Expenses           | 306.0                  | 9.8     | 326.3   | 3,239.5%                          | 6.6%                              | 378.6                      | 451.5  | 19.2%             |
| Finance Expenses         | 2.8                    | 2.3     | 2.4     | 1.7%                              | -17.3%                            | 7.6                        | 8.9    | 17.5%             |
| Profit Before Income Tax | (222.9)                | 280.4   | 26.3    | -90.6%                            | <b>T</b> / <b>P</b> <sup>2)</sup> | 683.9                      | 828.6  | 21.2%             |
| Income Tax               | (61.9)                 | 68.9    | 39.5    | -42.6%                            | n/m                               | 168.7                      | 234.6  | 39.0%             |
| Net Profit               | (165.4) <sup>1)</sup>  | 211.6   | (13.2)  | <b>T</b> / <b>D</b> <sup>2)</sup> | C/D <sup>2)</sup>                 | <b>500.2</b> <sup>1)</sup> | 594.1  | 18.8%             |
| % Margin                 | -34.9%                 | 47.0%   | -2.5%   | -49.5%p                           | 32.4%p                            | 27.0%                      | 31.1%  | 4.1%p             |
| Net Profi                | Net Profit (Quarterly) |         |         |                                   | Net F                             | Profit (Annu               | ual)   |                   |





1) Including loss from Discontinued Operations (4Q 2022 KRW 4.4bn, FY2022 KRW 15bn) 2) T/D: Turned to Deficit, C/D: Continued in Deficit, T/P: Turned to Profit

**Profit Before Tax (Quarterly)** 

### Summary of Financial Statements

#### **Consolidated Income Statement**

|                                     | 2022  |       |       |         |       | 2023  |       | 2022    | 2023    |         |
|-------------------------------------|-------|-------|-------|---------|-------|-------|-------|---------|---------|---------|
| (KRW bn)                            | 1Q    | 2Q    | 3Q    | 4Q      | 1Q    | 2Q    | 3Q    | 4Q      | 2022    | 2023    |
| Revenue                             | 523.0 | 423.6 | 433.7 | 473.8   | 538.7 | 387.1 | 450.3 | 534.6   | 1,854.0 | 1,910.6 |
| Operating Costs                     | 208.0 | 257.7 | 289.1 | 347.6   | 255.7 | 255.6 | 261.0 | 370.2   | 1,102.4 | 1,142.5 |
| Operating Profits                   | 315.0 | 165.8 | 144.6 | 126.2   | 283.0 | 131.5 | 189.3 | 164.3   | 751.6   | 768.0   |
| EBITDA                              | 333.7 | 185.8 | 166.7 | 170.0   | 309.0 | 158.7 | 217.0 | 191.4   | 856.2   | 876.1   |
| Adj. EBITDA <sup>1)</sup>           | 280.5 | 177.4 | 174.5 | 160.3   | 319.0 | 167.7 | 197.3 | 219.7   | 792.7   | 903.7   |
| Non-Operating Profit                | 17.8  | 94.5  | 169.1 | (349.1) | 79.4  | 28.0  | 91.2  | (138.0) | (67.7)  | 60.6    |
| Other Income                        | 37.0  | 101.3 | 196.2 | (49.8)  | 131.9 | 74.0  | 94.7  | 182.8   | 284.8   | 483.5   |
| Other Expenses                      | 24.3  | 12.8  | 35.5  | 306.0   | 60.5  | 54.9  | 9.8   | 326.3   | 378.6   | 451.5   |
| Finance Income                      | 6.7   | 7.5   | 9.9   | 9.6     | 9.9   | 11.3  | 8.6   | 7.8     | 33.7    | 37.5    |
| Finance Expenses                    | 1.6   | 1.6   | 1.5   | 2.8     | 1.9   | 2.3   | 2.3   | 2.4     | 7.6     | 8.9     |
| Profit Before Income Tax            | 332.7 | 260.3 | 313.7 | (222.9) | 362.4 | 159.5 | 280.4 | 26.3    | 683.9   | 828.6   |
| Income Tax                          | 84.5  | 63.0  | 83.1  | (61.9)  | 95.2  | 31.0  | 68.9  | 39.5    | 168.7   | 234.6   |
| Profit from Discontinued Operations | (3.0) | (3.4) | (4.2) | (4.4)   | -     | -     | -     | -       | (15.0)  | -       |
| Net Profit                          | 245.2 | 194.0 | 226.4 | (165.4) | 267.2 | 128.5 | 211.6 | (13.2)  | 500.2   | 594.1   |

### Summary of Financial Statements

#### **Consolidated Statement of Financial Position**

| (KRW bn)                                | FY 2022 | FY 2023 | (KRW bn)                   | FY 2022 | FY 2023 |
|---|---------|---------|----------------------------|---------|---------|
| Assets                                  |         |         | Liabilities                |         |         |
| Current Assets                          | 3,892.6 | 3,964.4 | Current Liabilities        | 411.5   | 520.7   |
| Cash and Cash Equivalents <sup>1)</sup> | 3,125.3 | 3,061.4 | Non-current Liabilities    | 509.9   | 360.9   |
| Other Current Assets                    | 49.2    | 49.0    | Total Liabilities          | 921.4   | 881.6   |
| Non-current Assets                      | 2,145.2 | 2,476.0 |                            |         |         |
| Property and equipment                  | 223.4   | 257.0   | Equity                     |         |         |
| Intangibles                             | 867.7   | 607.8   | Shareholders' equity       | 5,111.2 | 5,554.4 |
| Investment in Associates                | 425.3   | 571.3   | Paid-in Capital            | 4.9     | 4.9     |
| Other Non-current Assets                | 28.5    | 30.1    | Capital Surplus            | 1,448.6 | 1,472.0 |
| Total Assets                            | 6,037.8 | 6,440.5 | Other Components of Equity | 190.1   | 182.5   |
|   |         |         | Retained Earnings          | 3,467.6 | 3,895.0 |
|   |         |         | Non-controlling Interests  | 5.2     | 4.4     |

 Total Equity
 5,116.4
 5,558.8

# **Our Vision**

We believe games will become the world's most powerful medium.

HOW

WHY

Based on our **creativity**, steadfast dedication toward **new challenges** and **technological development**,

WHAT

We will further **expand our original IPs** and build **immersive, virtual worlds**, where our fans play together and share fun moments.

We will meet everyone in the world we are building.