



Financial Results of FY2019

IBIDEN Co., Ltd.(4062)

April 28th , 2020

Forecasts in this statement have been made based on the premise, prospect and plan of IBIDEN as of April 27th, 2020.

Actual results may widely differ from this statement due to any uncertain factor such as international economy, market competition and exchange fluctuation.

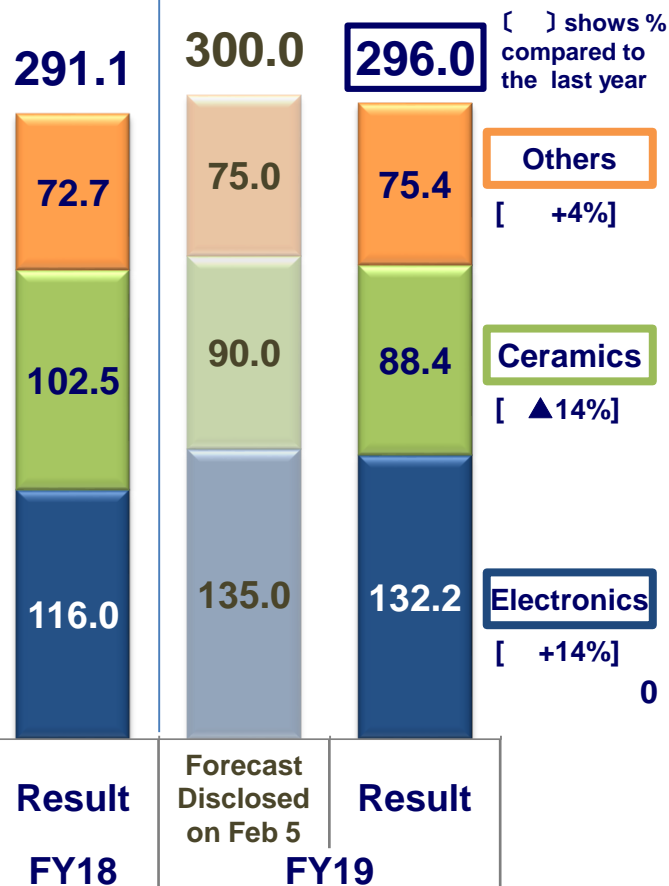
[Consolidated] Results of FY2019

Results of Net Sales, Operating Income and Net Income in FY2019



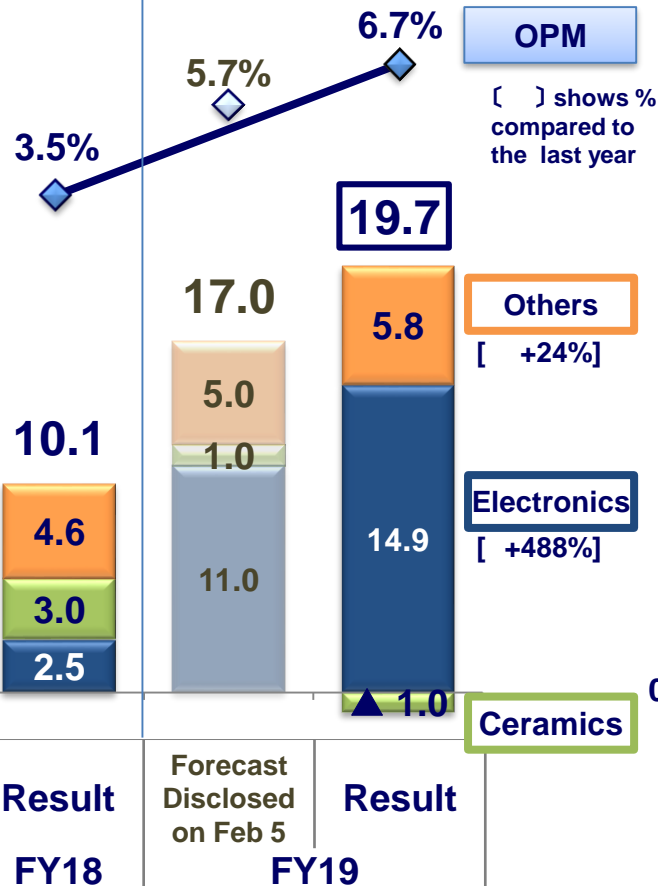
Net Sales (Unit: Billions of Yen)

Compared to
the last year+1.7%



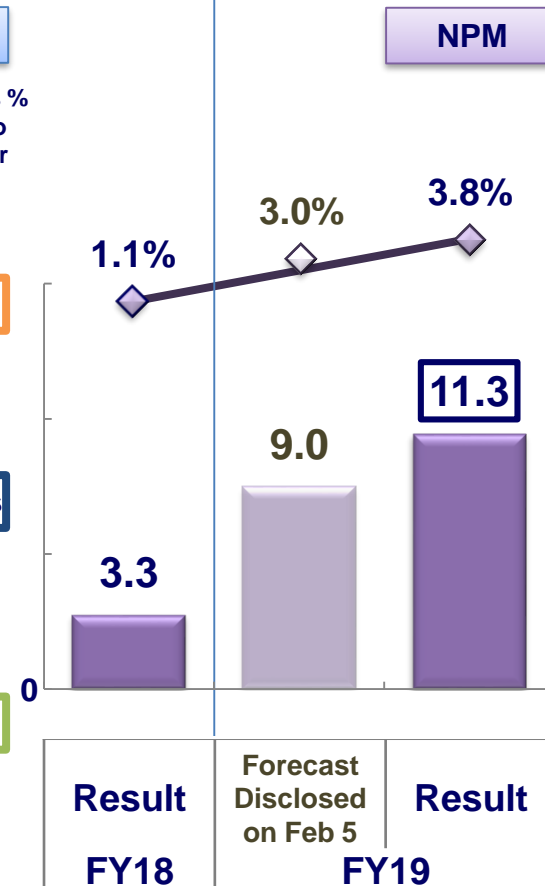
Operating Income (Unit: Billions of Yen)

Compared to
the last year+94.2%



Net Income (Unit: Billions of Yen)

Compared to
the last year+242.7%



109	108	108	Exchange rate (USD)
127	121	120	Exchange rate (EUR)

Market Forecast and Business Prospect

[Electronics]

Trend of Existing Market

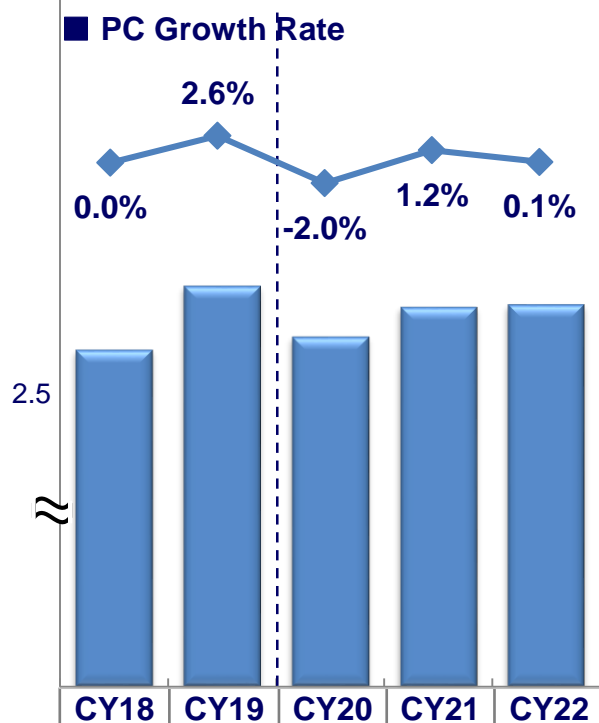
- PC: Forecast Slow Reduction due to Increasing the Number of Teleworks after Round of Replacement Demand of Windows 10.
- High-end Smartphone: Expect Growth with Starting 5G Network over the Medium Term, Based on Current Negative Trend.
- Data Center: Predict Over 20% Steady Growth with Accelerating Digitalization and Cloud Computing Mainly among Corporate Activities.

Market of PC

According to IBIDEN's survey

(Unit: 100M Units)

■ PC Growth Rate

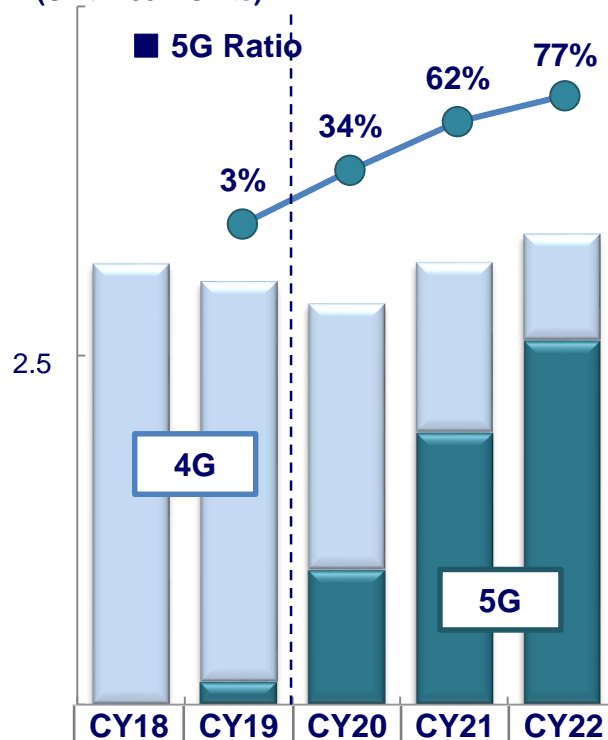


Market of High-end Smartphone

According to IBIDEN's survey

(Unit: 100M Units)

■ 5G Ratio

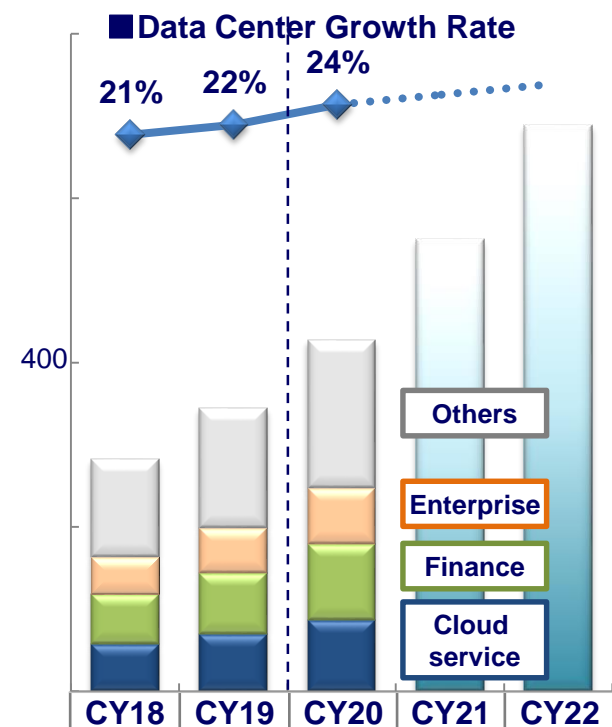


Market of Data Center

According to IBIDEN's survey

(Unit: Billions of dollars)

■ Data Center Growth Rate



[Ceramic]

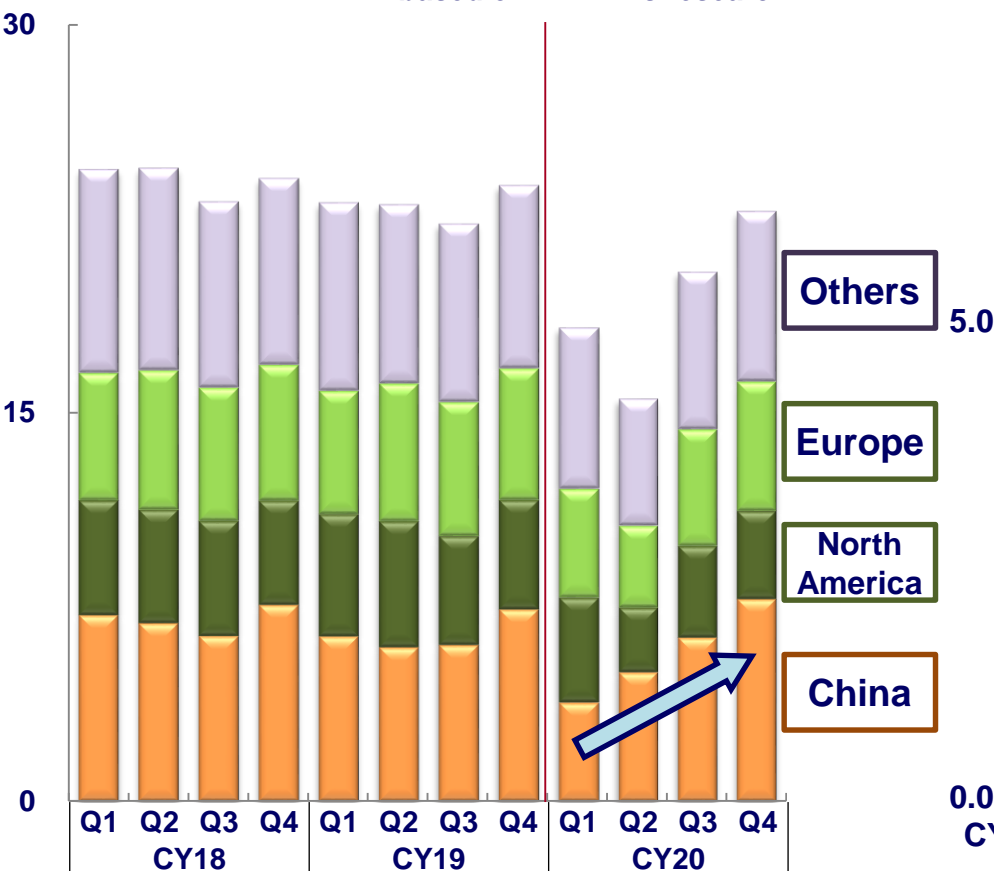
Long-Term Forecast for Automobile Market

- Passenger Car Market: Forecast Current Rapid Deceleration due to COVID-19 but Recovery on or after the 3rd Quarter.
- Medium/Heavy Commercial Vehicle Market: Predict Demand Expansion by Tightening of Emission Control in Emerging Countries over the Medium-to-Long Term.

Passenger car

(Unit: Million Unit)

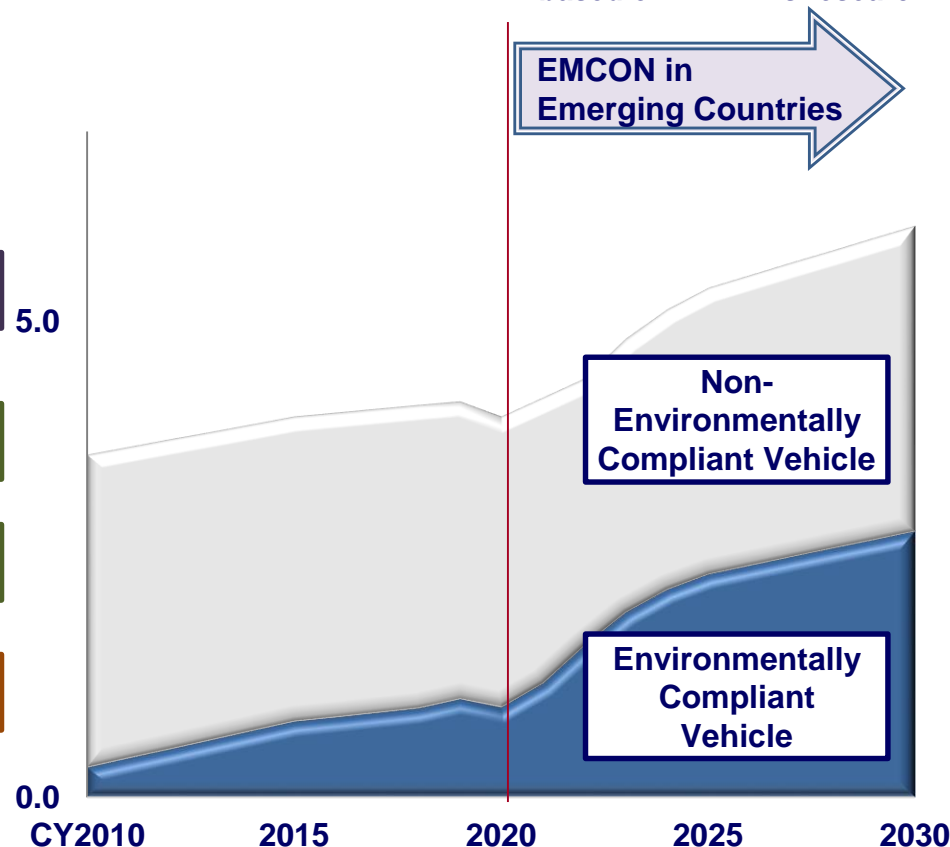
based on IBIDEN's research



Medium and Heavy Commercial Vehicle

(Unit: Million Unit)

based on IBIDEN's research



[Ceramic] Exhaust System Business

*PC : Passenger Car

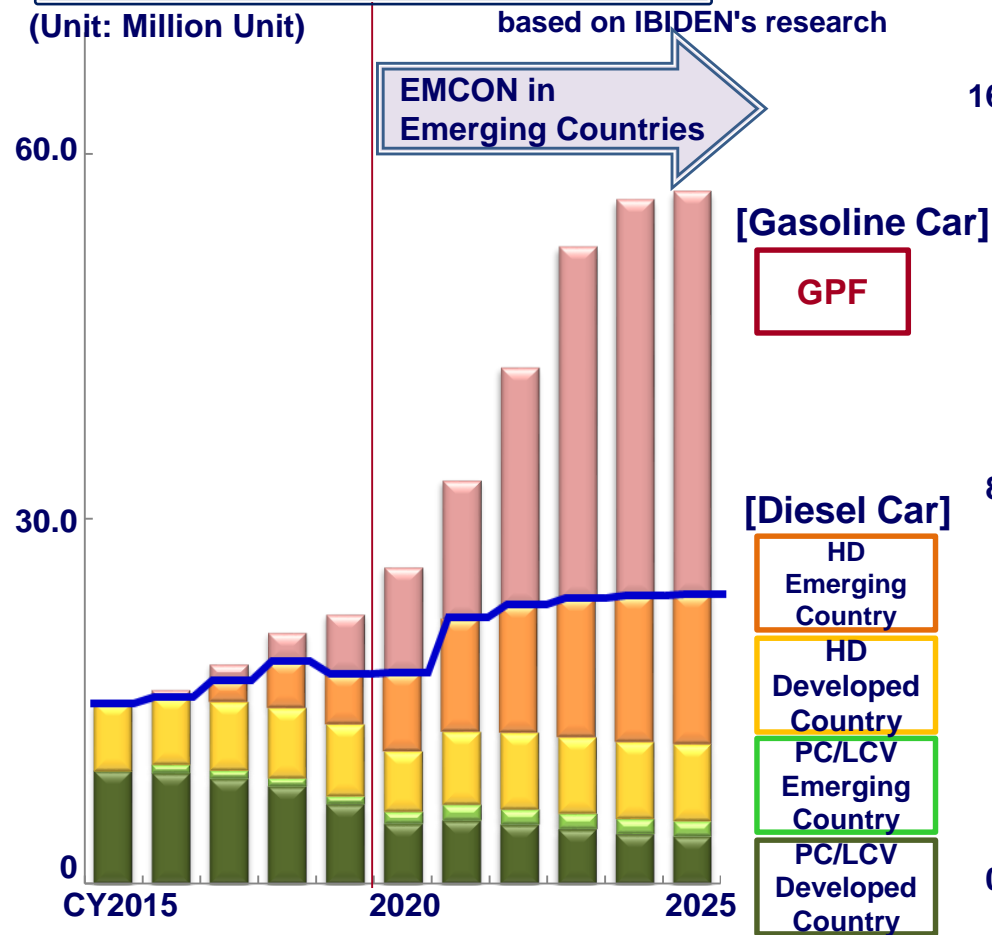
*LCV : Light Commercial Vehicle

*HD : Heavy Duty Car (Converted value : Passenger Car x 3)

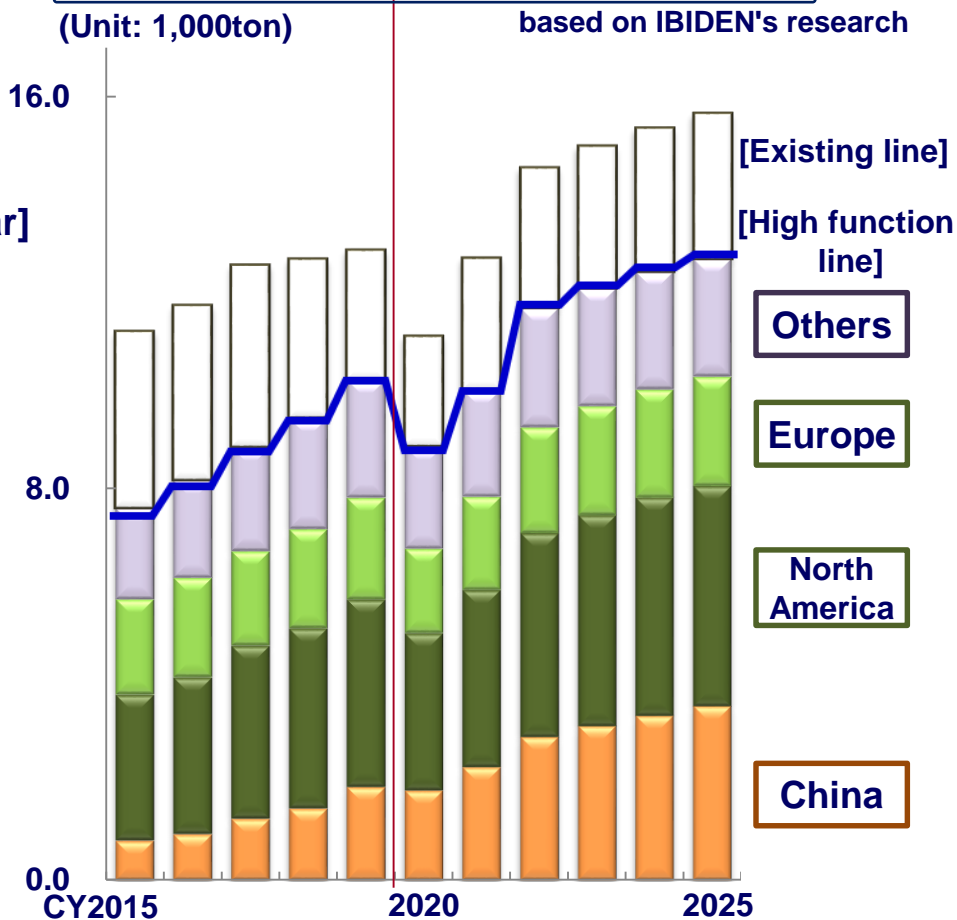


- Maintain Optimum and Efficient Production System in Hungary-Mexico-Japan Trilateral Framework along with Market Change.
- Expand Demand of Catalyst Carriers and Sealing Materials Mainly in China by the Tightening of Emission Control.

Exhaust Filter Market



Catalyst carriers holding mats for automobiles



New Plant in China for Catalyst Carriers and Sealing Materials in AFP Unit



We are to establish a new plant in China, which is expected to expand demand of catalyst carriers and sealing materials for automobiles by the tightening of environmental regulations, in order to strengthen support for more orders and more customers.



Perspective Image



New Location

<Overview of Investment Plan>

- (1) Company: IBIDEN Fine Ceramics(Suzhou) Co.,Ltd.
- (2) Investment Value: About 2.5 bn. yen
- (3) Location: Jiangsu in China
- (4) Start Operation(Plan): The first term of FY 2021



Catalyst Carriers and Sealing Materials

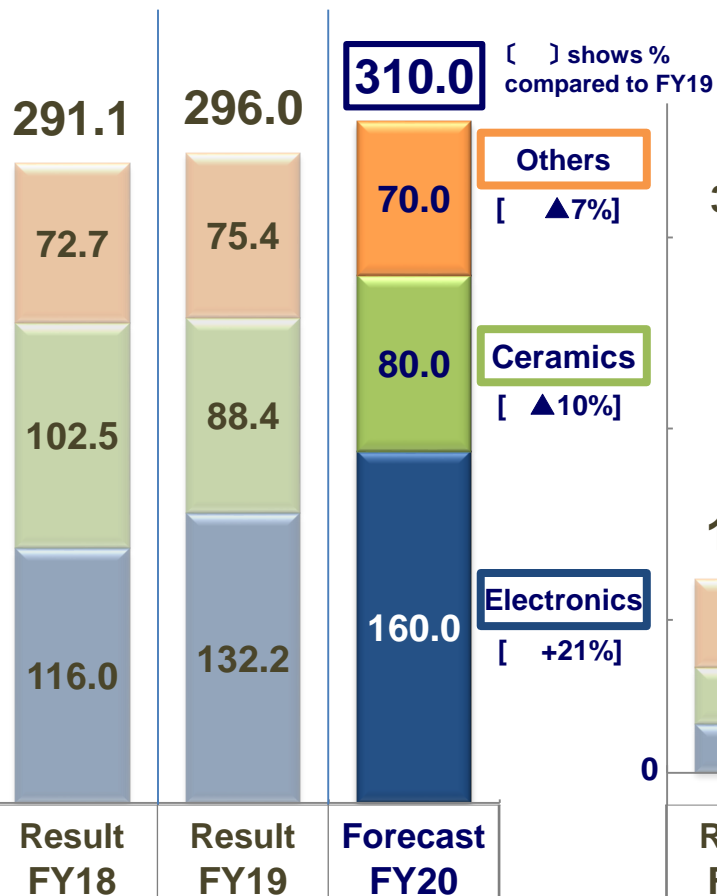
[Consolidated] Forecasts of FY2020

Forecasts of Net Sales, Operating Income and Net Income in FY2020



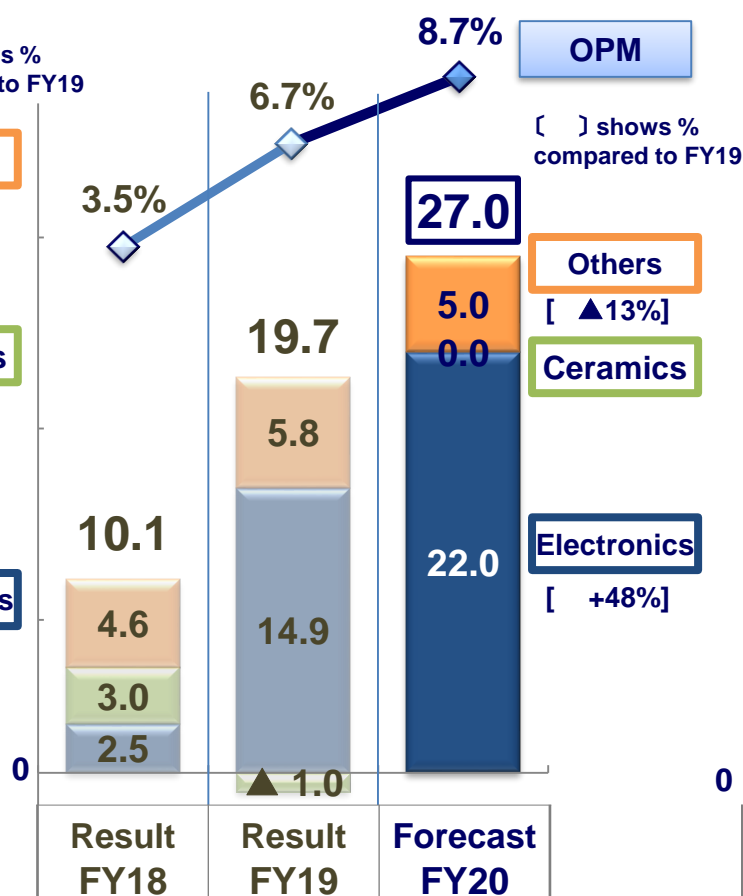
Net Sales (Unit: Billions of Yen)

Compared to
FY19 +4.7%



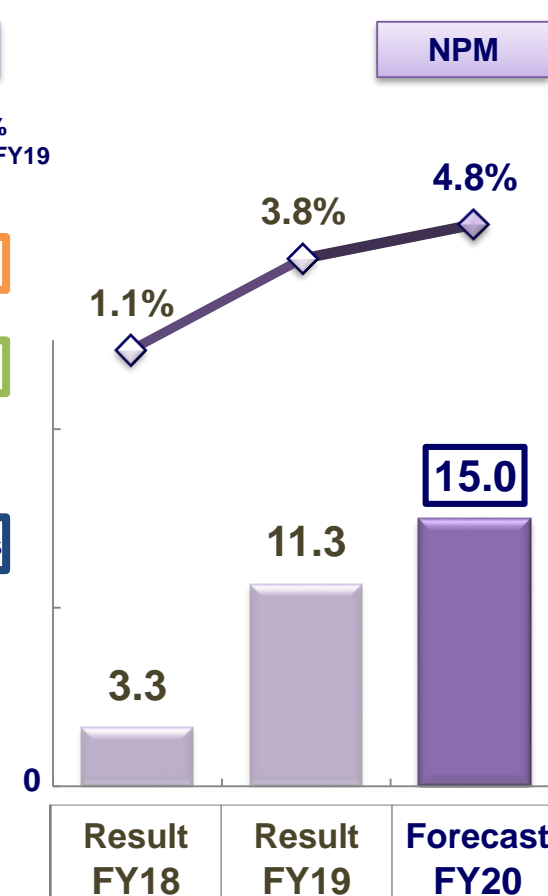
Operating Income (Unit: Billions of Yen)

Compared to
FY19 +37.2%



Net Income (Unit: Billions of Yen)

Compared to
FY19 +32.4%



109	108	105	Exchange rate (USD)
127	120	115	Exchange rate (EUR)

Medium-Term Forecast

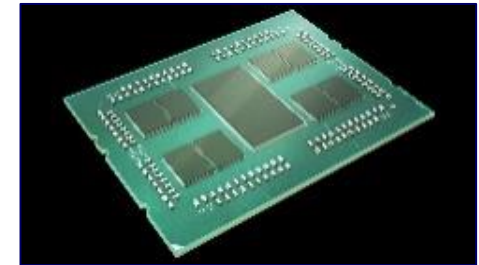
Increase Production Capacity for IC Package Substrate and Investment in the Next Generation



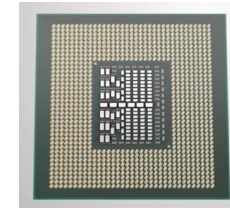
We are to invest in revamp of a facility to increase in production capacity which can address the demand of sophisticated IC package mainly for servers and image processing with looking ahead to the next-generation technology.



Ogaki Central Plant



Sophisticated IC Package Substrate



Conventional IC Package Substrate

<Overview of Facility Investment Plan>

- (1) Investment: Revamp of production capacity for IC package substrate and next-generation technology as the second investment
- (2) Investment Value: 60 bn. yen, total 130 bn. yen between 2020 and 2022
- (3) Location: The 2nd Building at Ogaki Central Plant
- (4) Start Operation: Operate sequentially at the end of FY2020 and start commercial production in FY2021

New Product Development

Antivirus Business

“To Aim for Virus-resistant Society”

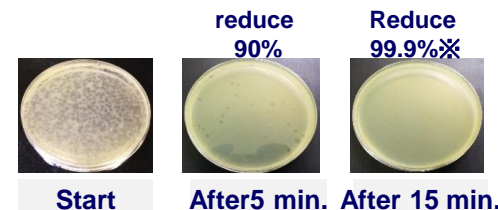
Antivirus Decorative Laminates



Antivirus Coat



①Fast-acting Property for Virus/Microbes



②one year or more durability

※observed data from in-house experiment of Qβ fuzzy virus

Bio-related Business

“To Respect Environment and Health”

TVP Product

Textured Vegetable Protein



End Product



Core Technology

Reproduce the Feature such as Flavor and Taste of Animal Protein from Plant Protein

Vegetality Activator

IBIDEN's Original Fungus + Fermentation Technology



Plant Disease Control/ Yield Increase

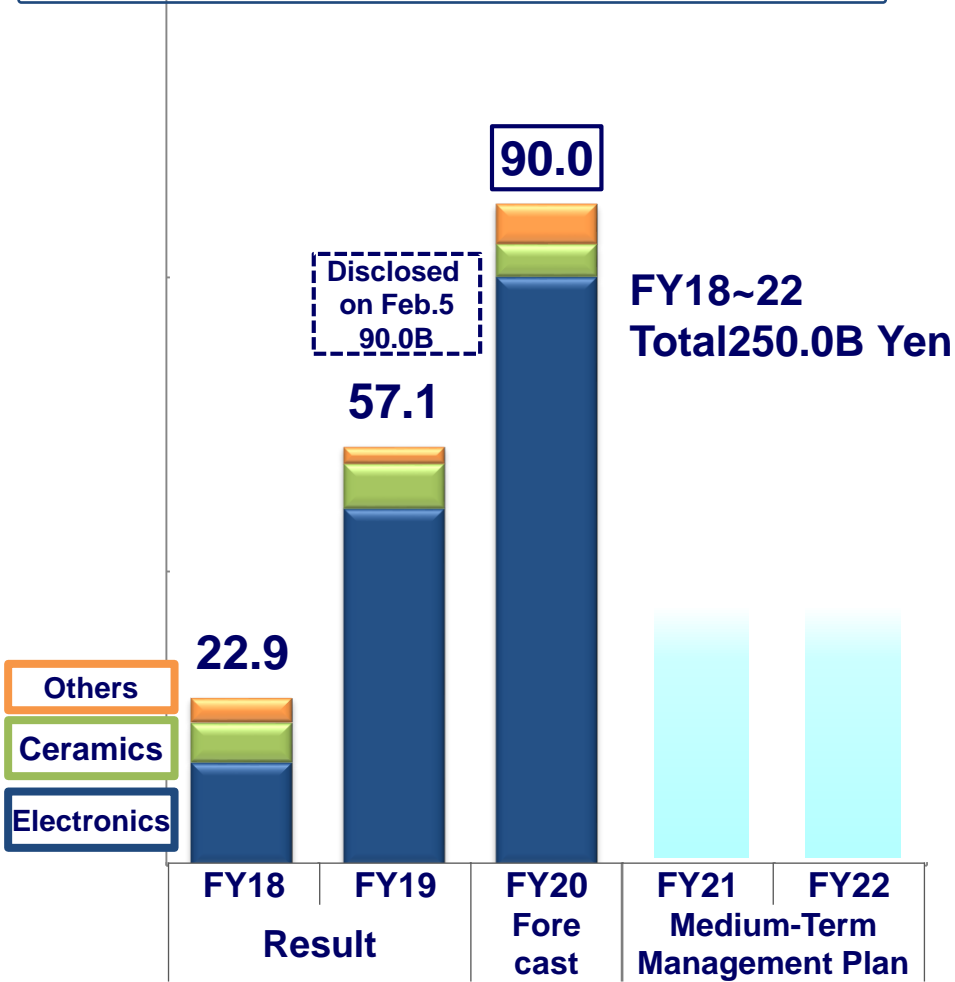


Improve Plant Immunity by Bio-material from the Original Fungus

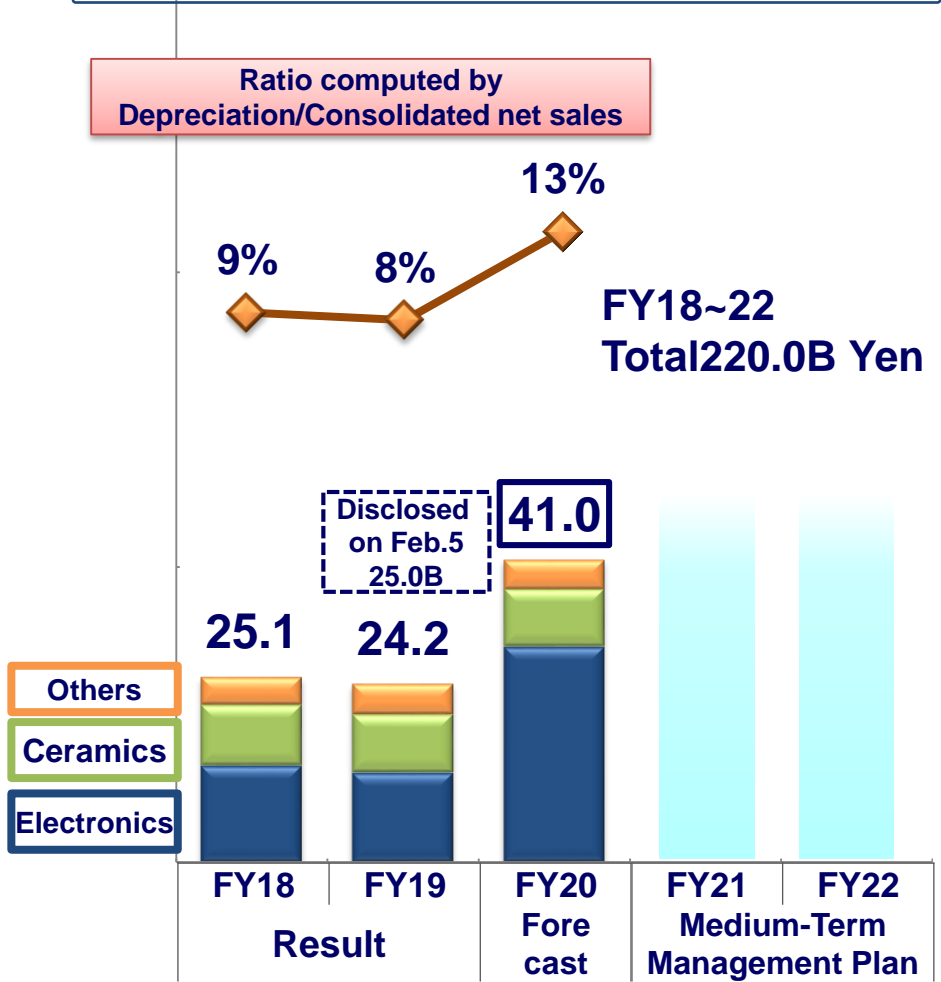
Plan of Capital Expenditure and Depreciation

□ Aggressive Advance Investment in the Growing Markets and Fields, such as Digital Society and Eco-friendly.

Capital Expenditure (Unit: Billions of Yen)

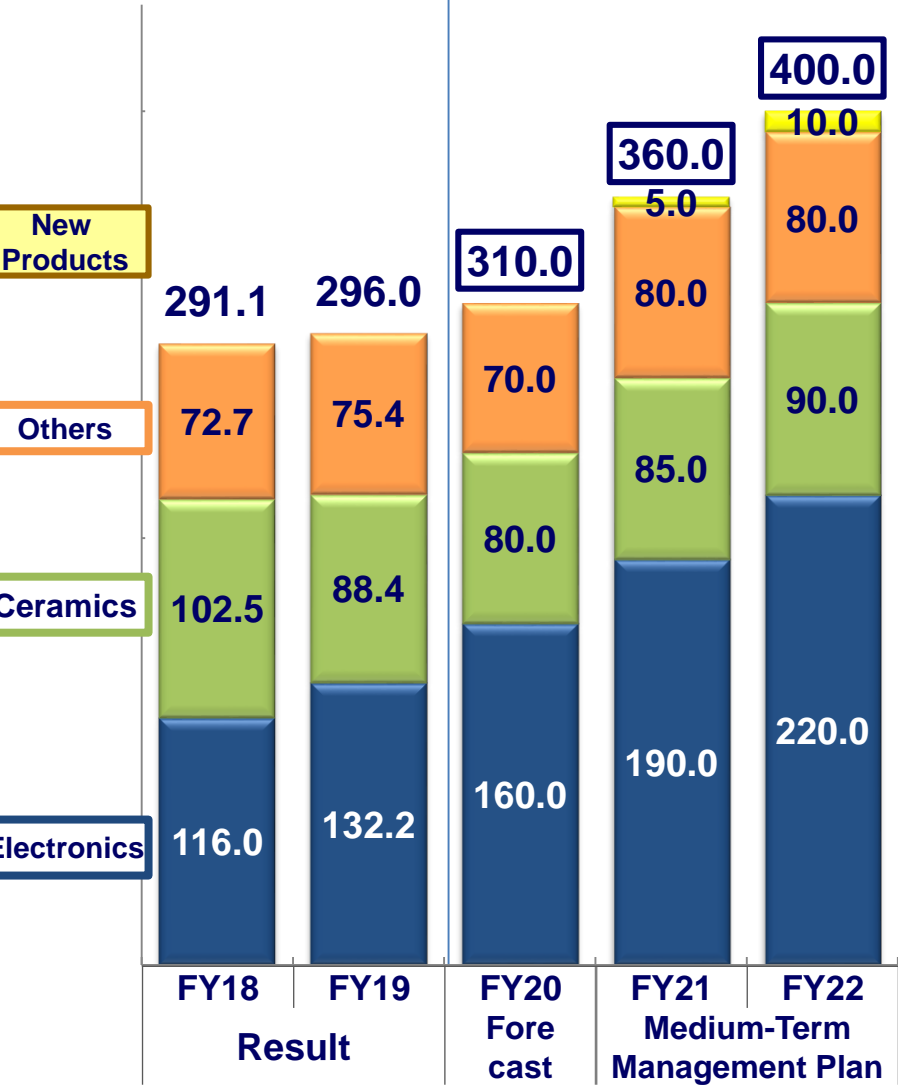


Depreciation (Unit: Billions of Yen)

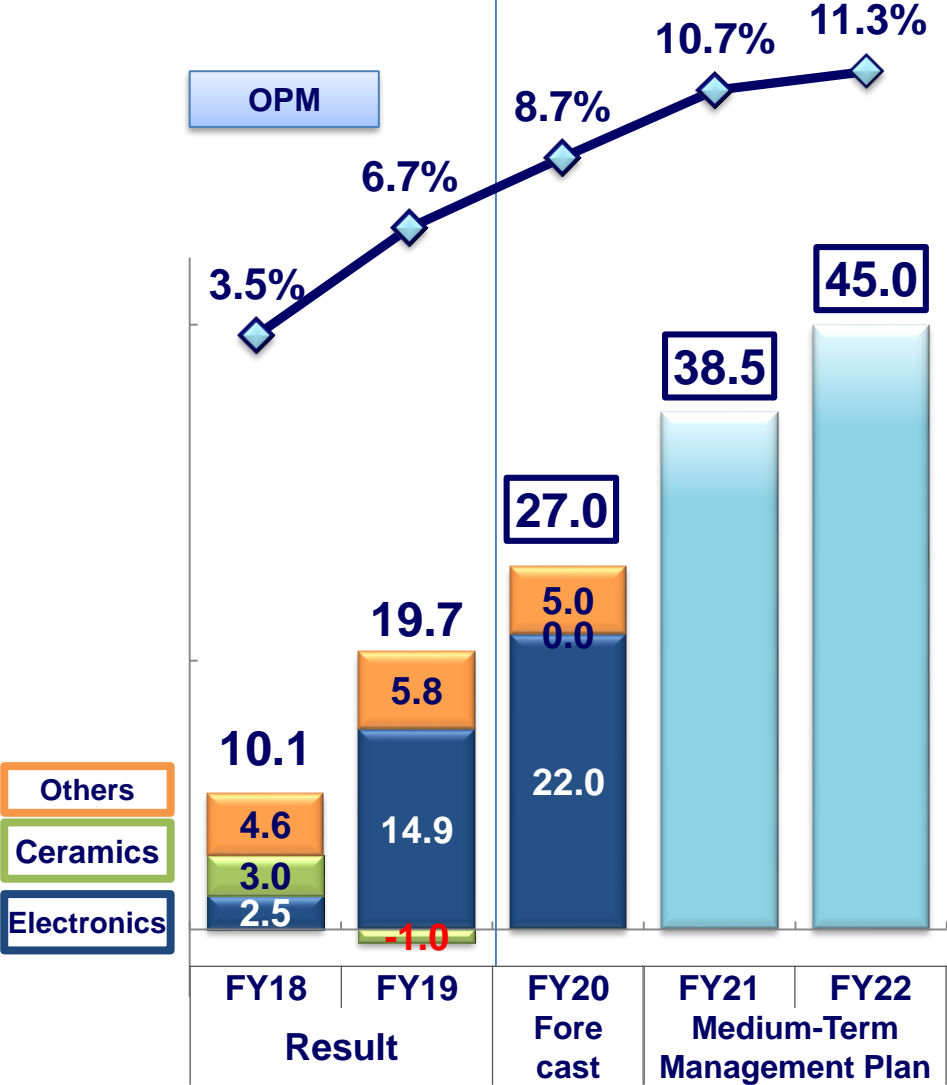


Forecast of Medium-Term Management Plan

Net Sales
(Unit: Billions of Yen)



Operating Income
(Unit: Billions of Yen)



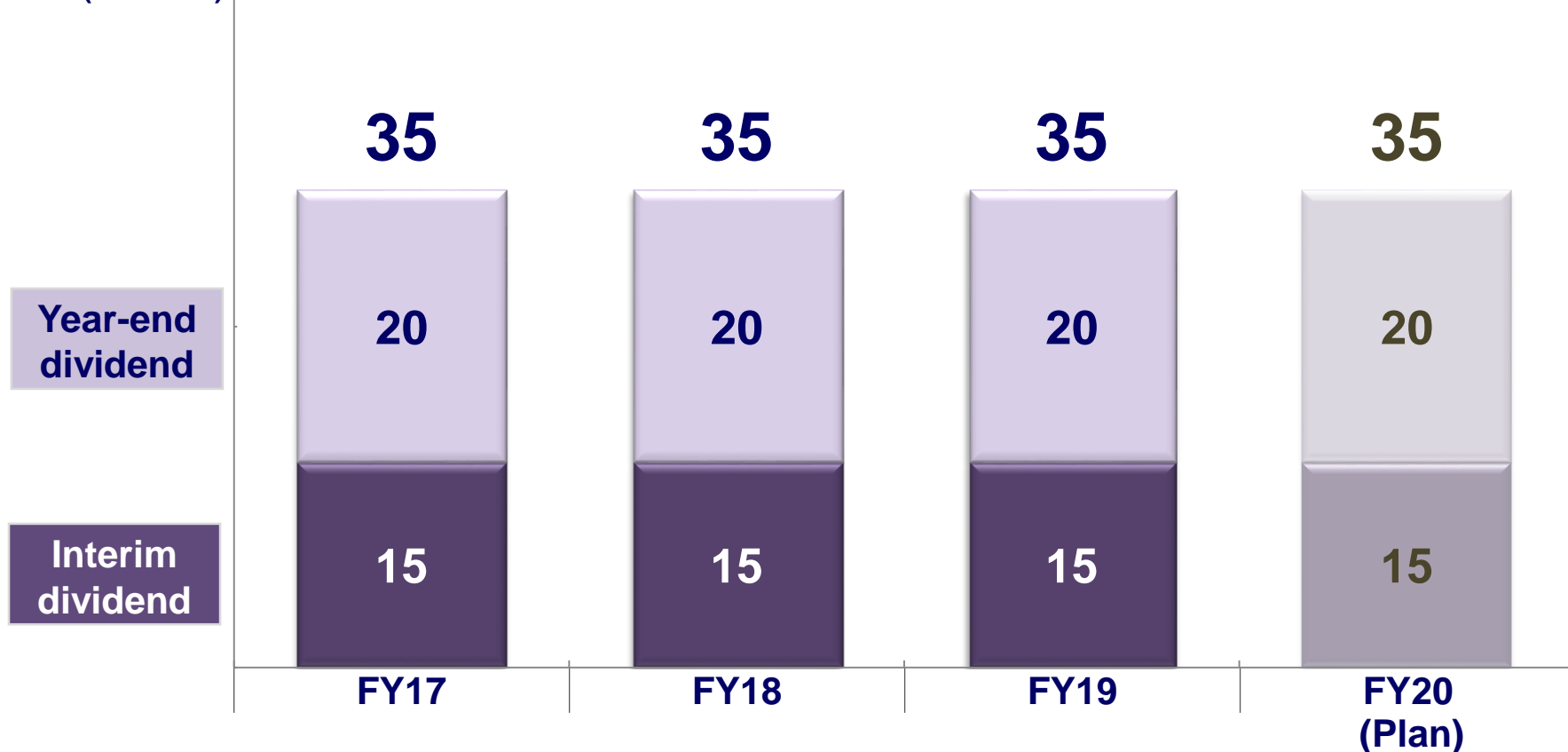
Return to Shareholders

Return to Shareholders

- ☐ From our Point of View of Capital Allocation, Immediate High Priority to Large-Scale Investment for IC Package Substrate.
- ☐ Continue stable dividend.

Dividend per Share

(Unit: Yen)



Promotion of ESG Management

Our Contribution to SDGs

Business



Information Society



Encourage digital innovation by **IC package substrate**



Air Pollution



Develop better quality of atmosphere by **DPF**



Climate Change



Improve fuel efficiency by **Energy Control Materials**

Basic Activities



[Diversity HR]

Appointment of women, the disabled, the elder and non-Japanese



[Balance between job satisfaction and sustainable growth]

Reform in the way of working, development of human productivity



[Reduction of Environmental Effects of Supply Chain]

Develop CSR guideline to customers and suppliers



[Reduction of Greenhouse Gas]

Use renewal energy and process design with high efficiency

ESG External Authentication



MSCI Japan ESG
Select Leaders Index

IBIDEN has received highest rating AAA on seven point grade scale on ESG



FTSE4Good

the fourth consecutive year



FTSE Blossom
Japan

the third consecutive year



the third consecutive year

