



**Financial Results  
of the 1<sup>st</sup> Half of FY2019  
IBIDEN Co., Ltd.(4062)**

**November 1<sup>st</sup> , 2019**

**Forecasts in this statement have been made based on the premise, prospect and plan of IBIDEN as of October 31<sup>st</sup> , 2019.**

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

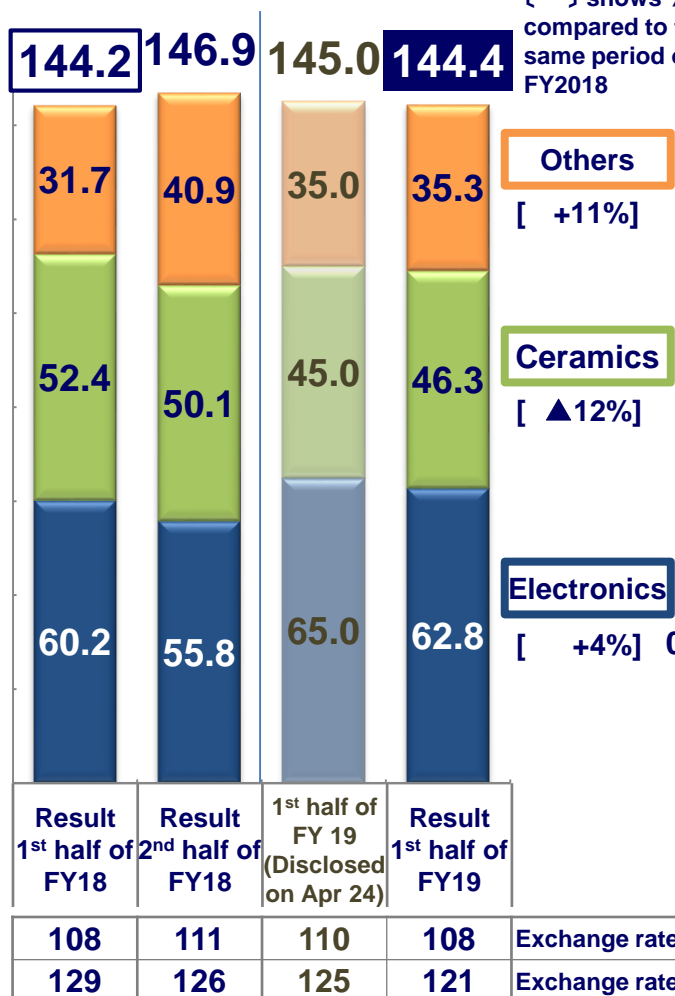
# [Consolidated] Results of the 1st Half of FY2019

# Results of Net Sales, Operating Income and Net Income in 1<sup>st</sup> Half of FY2019

## Net Sales (Unit: Billions of Yen)

Compared to the same period of FY2018 +0.1%

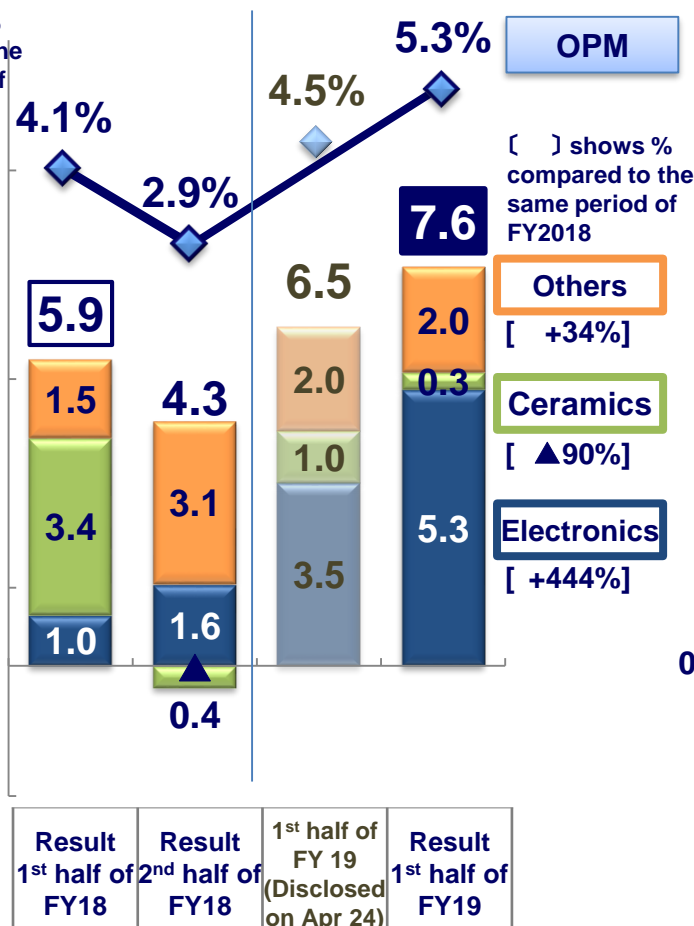
[ ] shows % compared to the same period of FY2018



## Operating Income (Unit: Billions of Yen)

Compared to the same period of FY2018 +30.2%

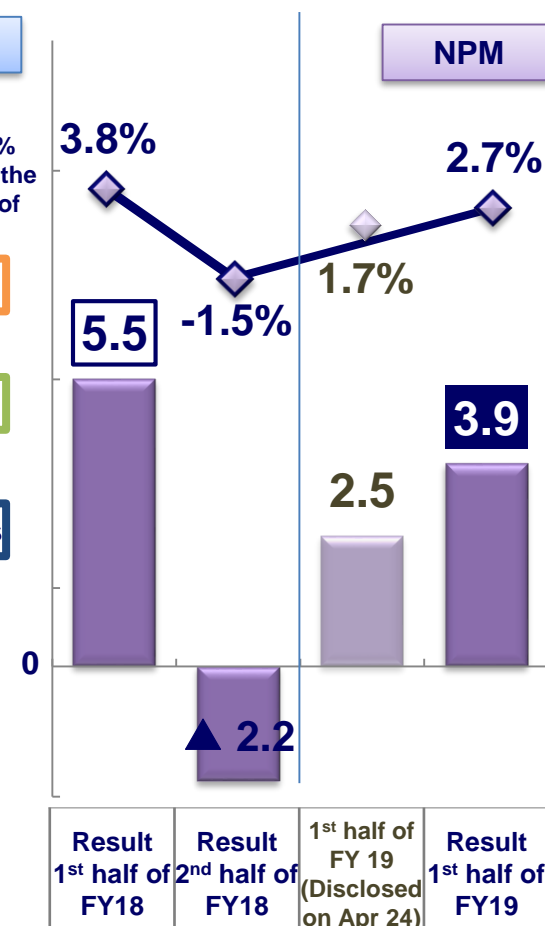
[ ] shows % compared to the same period of FY2018



## Net Income (Unit: Billions of Yen)

Compared to the same period of FY2018 ▲29.3%

[ ] shows % compared to the same period of FY2018



Exchange rate (USD)  
Exchange rate (EUR)

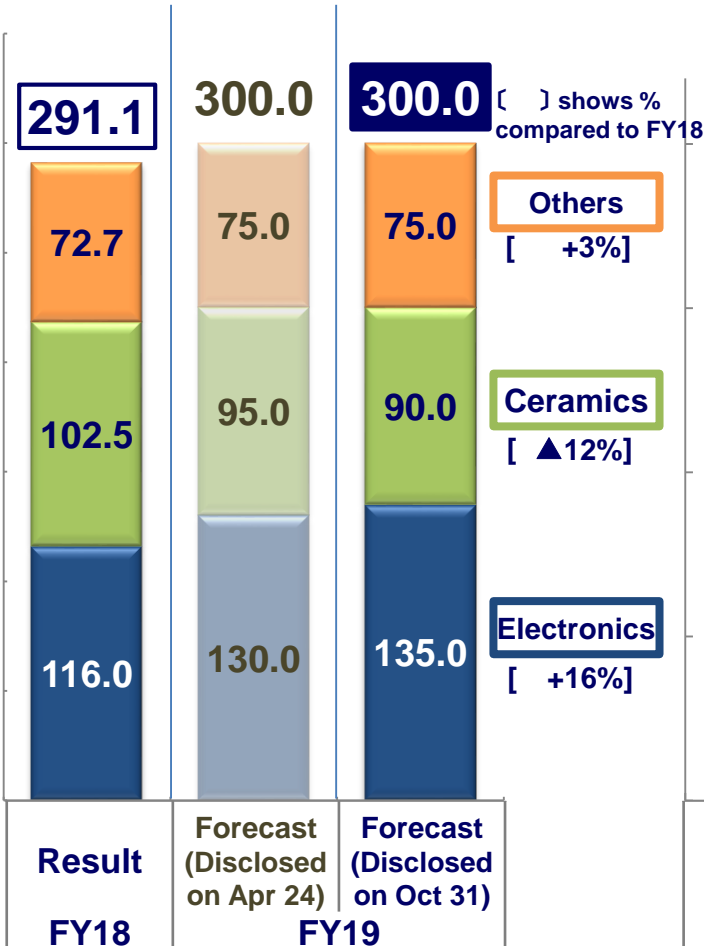
# [Consolidated] Forecasts of FY2019

# Forecasts of Net Sales, Operating Income and Net Income in FY2019



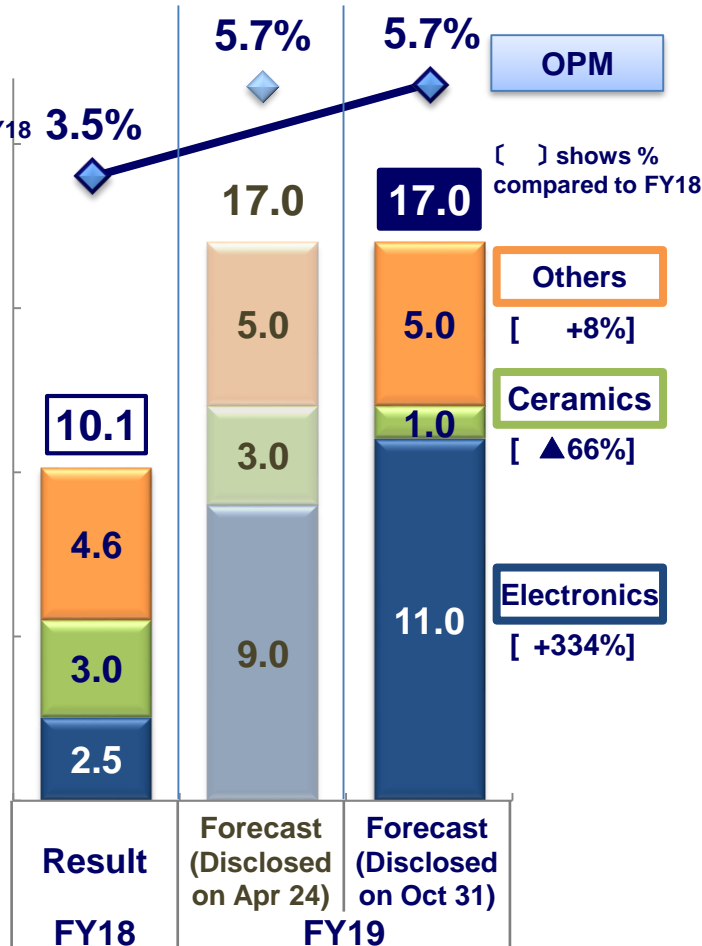
## Net Sales (Unit: Billions of Yen)

Compared to  
FY2018 +3.0%



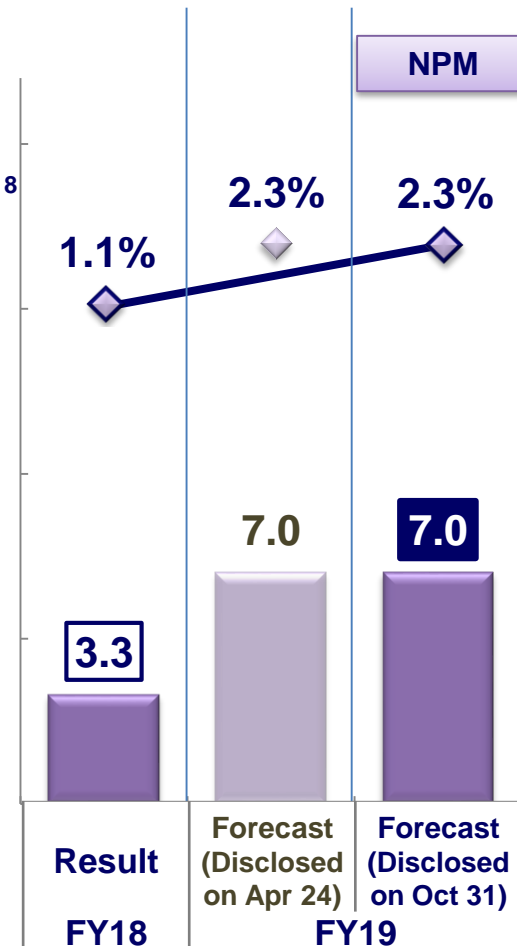
## Operating Income (Unit: Billions of Yen)

Compared to  
FY2018 +67.7%



## Net Income (Unit: Billions of Yen)

Compared to  
FY2018 +111.7%



109	110	109	Exchange rate (USD)
127	125	123	Exchange rate (EUR)

# Market Forecast and Our Business Prospects

# [Forecast for Electronics Market]

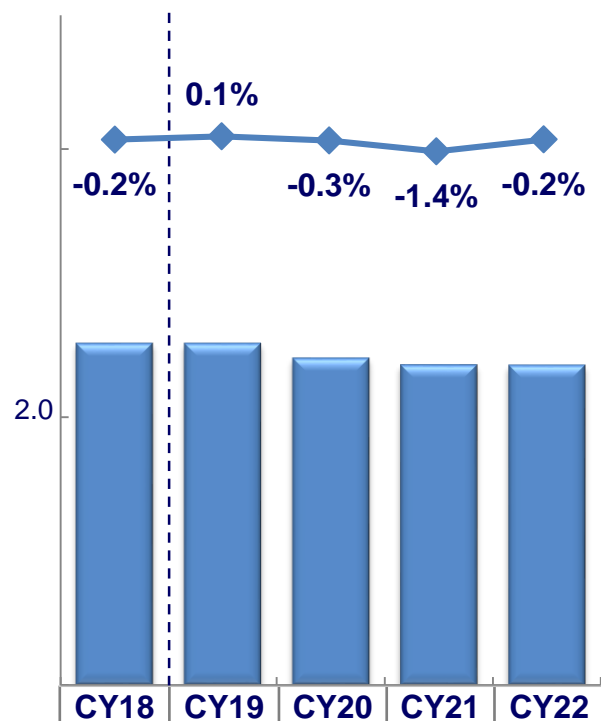
## Trend of Existing Market

- PC: Forecast Negative Growth in the Medium Run, Showing Current Bottoming-Out.
- High-End Smartphone: Expect Regrowth with Becoming Widespread of 5G but Uncertainty in Business, Based on Current Negative Trend.
- Data Center: High Growth Rate Higher than 20% per Year along with the Popularization of 5G/ICT/AI.

### Market of Smartphone / Tablet Market

According to IBIDEN's survey

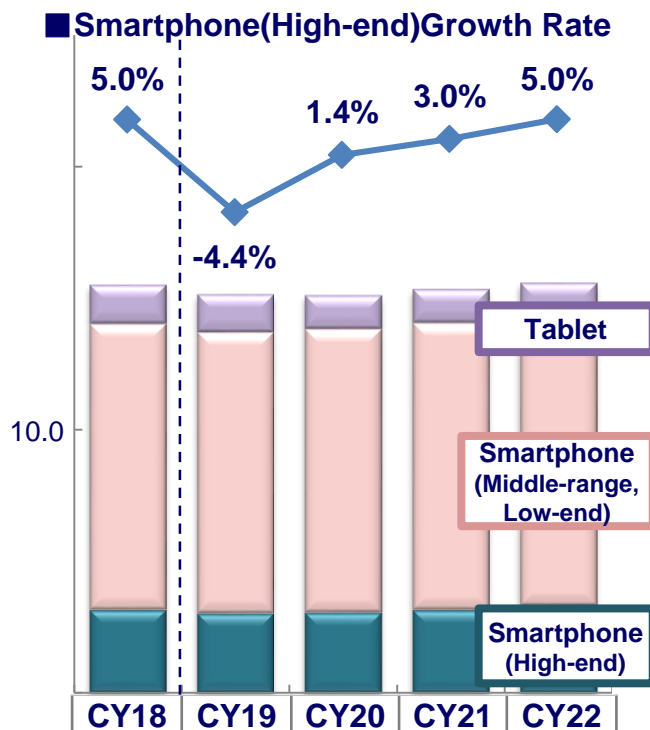
(Unit: 100M Units)



### Market of PC

According to IBIDEN's survey

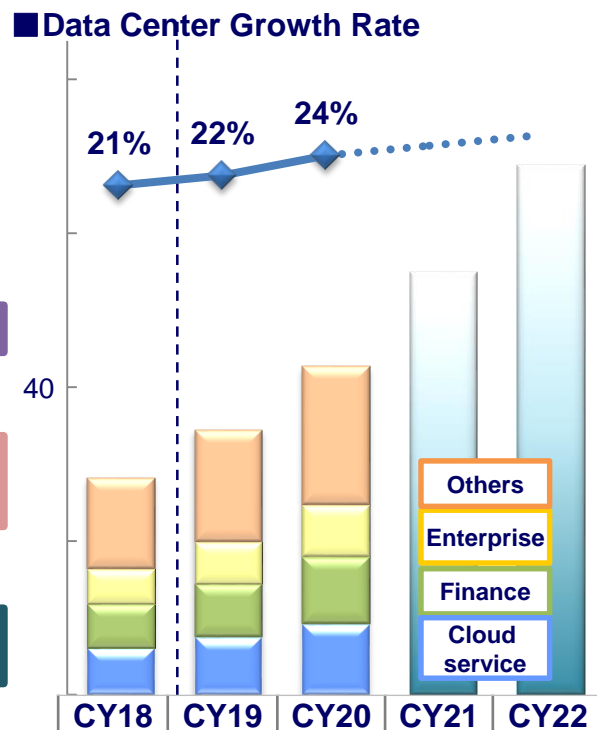
(Unit: 100M Units)



### Data Center Market

According to IBIDEN's survey

(Unit: Billions of dollars)





# Long-Term Forecast for Automobile Market

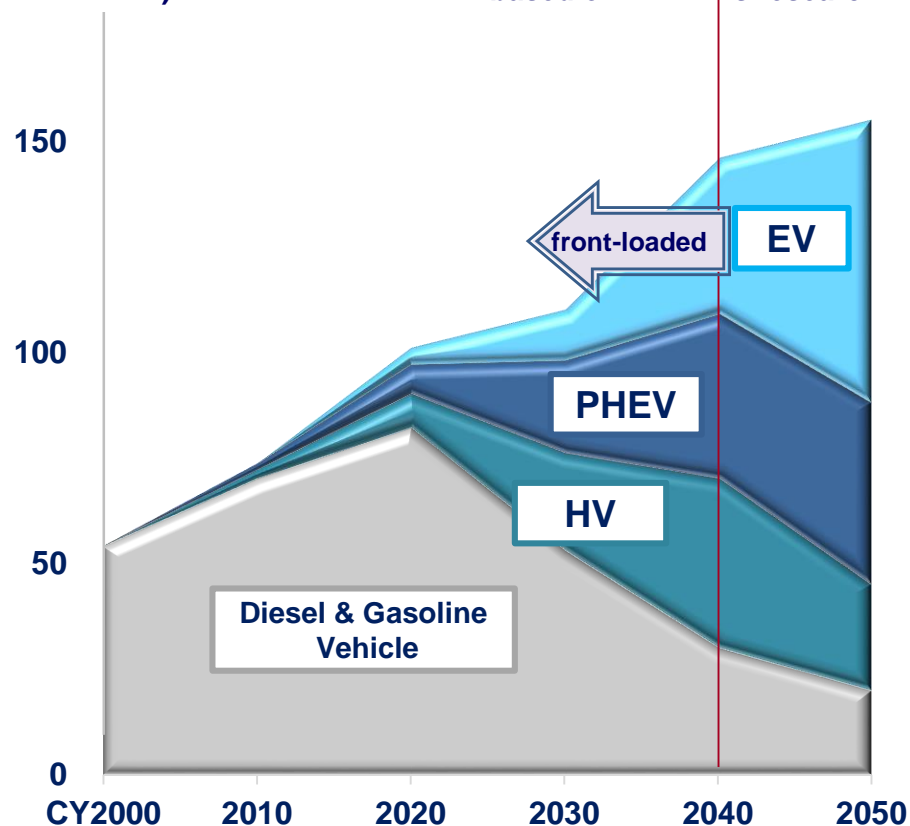


- On Passenger Car Market, Electrification is Expected to Accelerate.
- Demand will be expanded in Medium/Heavy Commercial Vehicle Market in Emerging Countries with the Tighter Emission Control.

## Passenger car

(Unit: million)

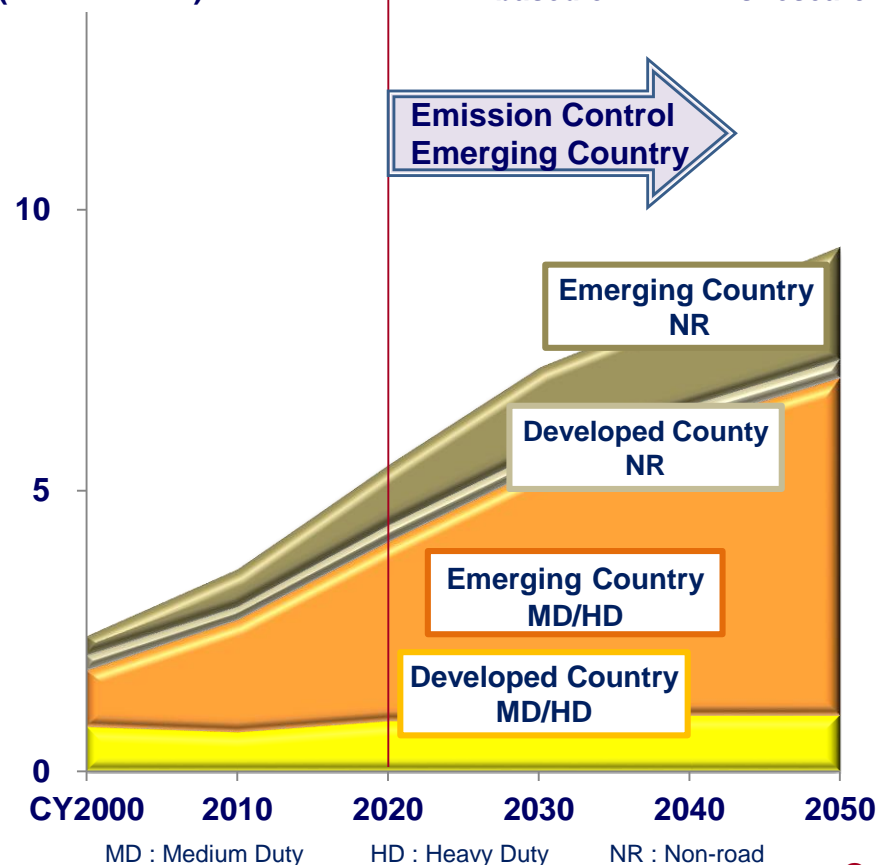
based on IBIDEN's research



## Medium and Heavy Commercial Vehicle

(Unit: million)

based on IBIDEN's research



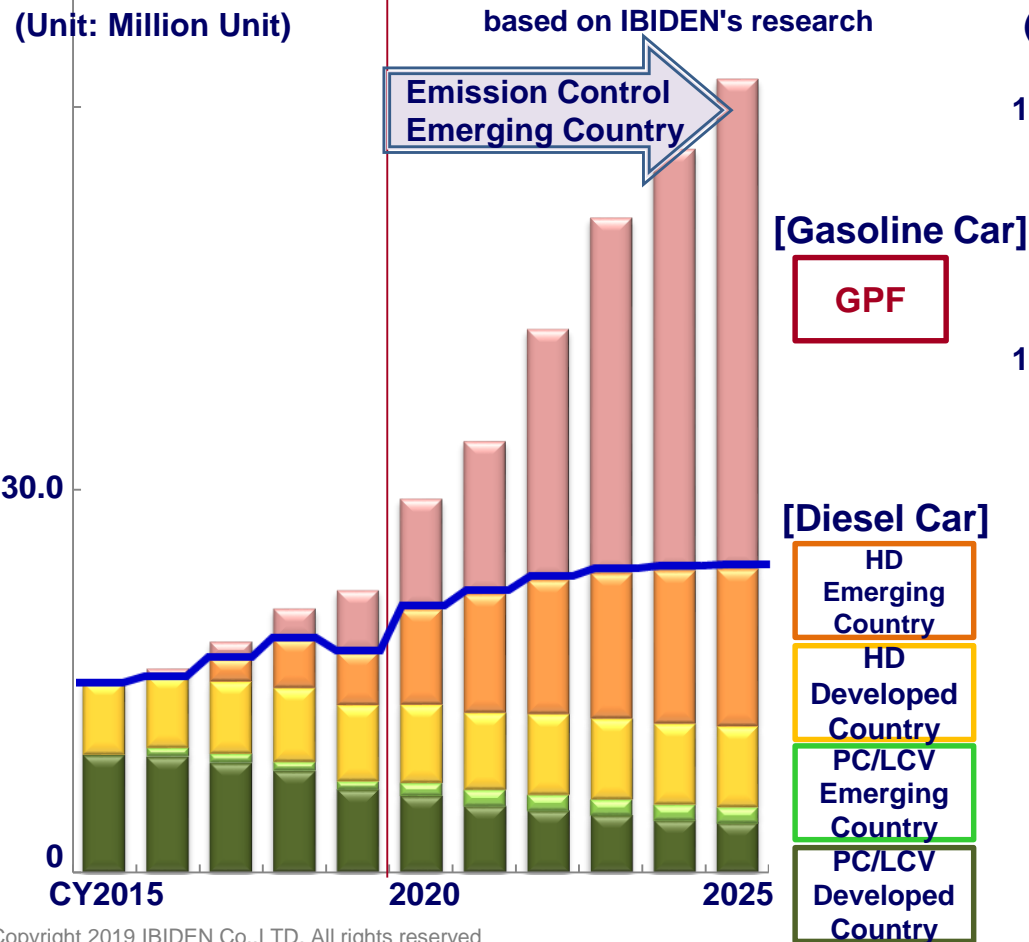
# [Ceramic] Exhaust System Business

\*PC : Passenger Car  
\*LCV : Light Commercial Vehicle  
\*HD : Heavy Duty Car (Converted value : Passenger Car x 3)

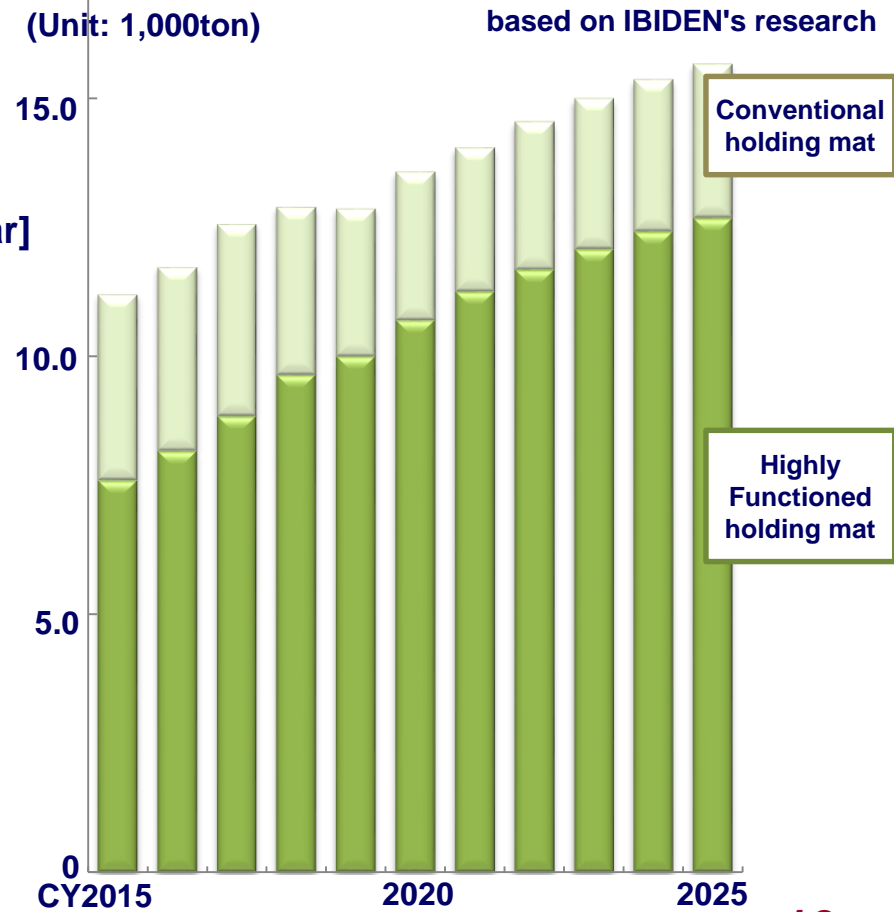


- In Response to Market Changes, Continue Optimum and Efficient Production System in Hungary-Mexico-Japan Trilateral Framework.
- Laser Focus with Resources on Big Market in Emerging Countries and High-Function Products for the Next Generation.

## Exhaust Filter Market

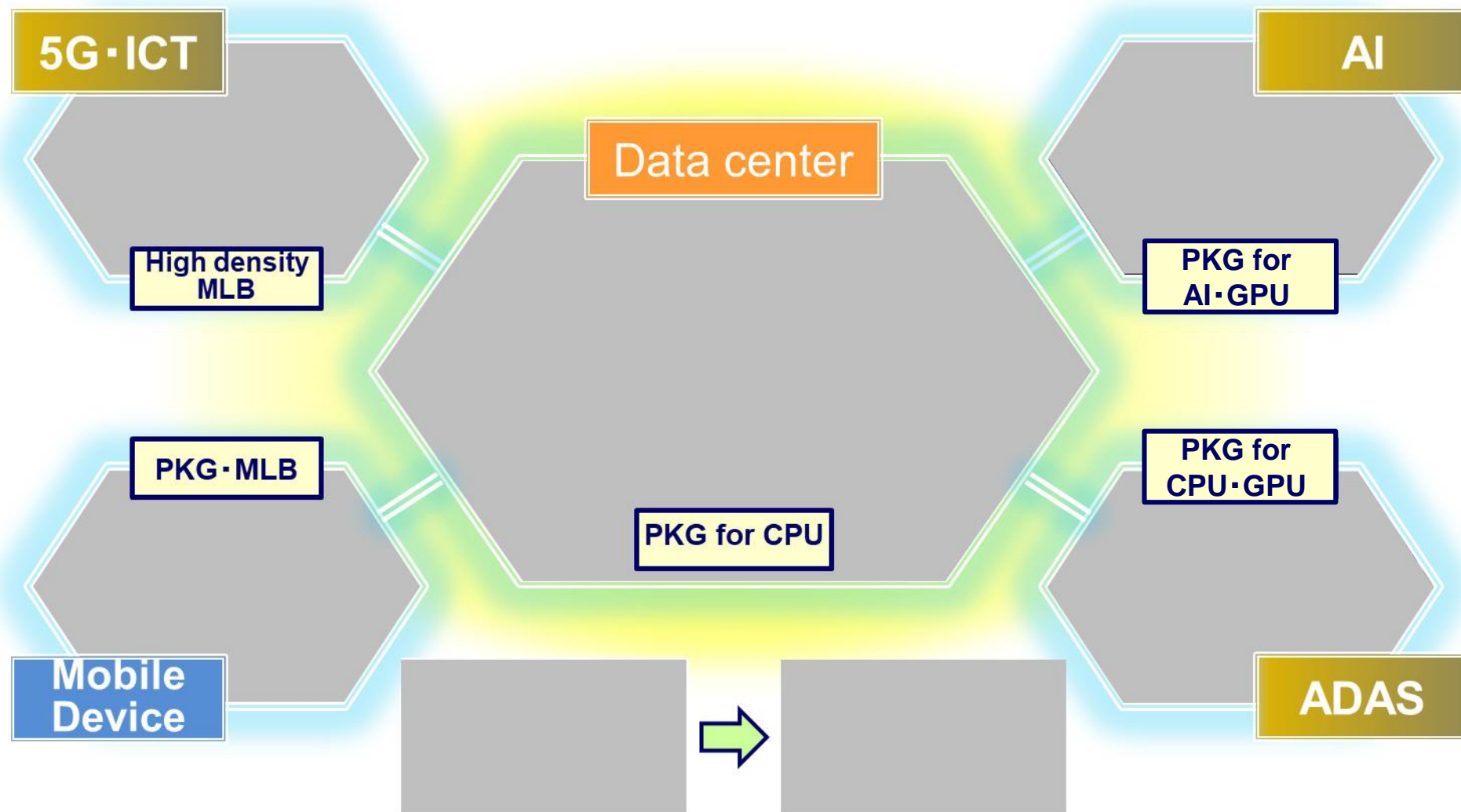


## Catalyst carriers holding mats for automobiles



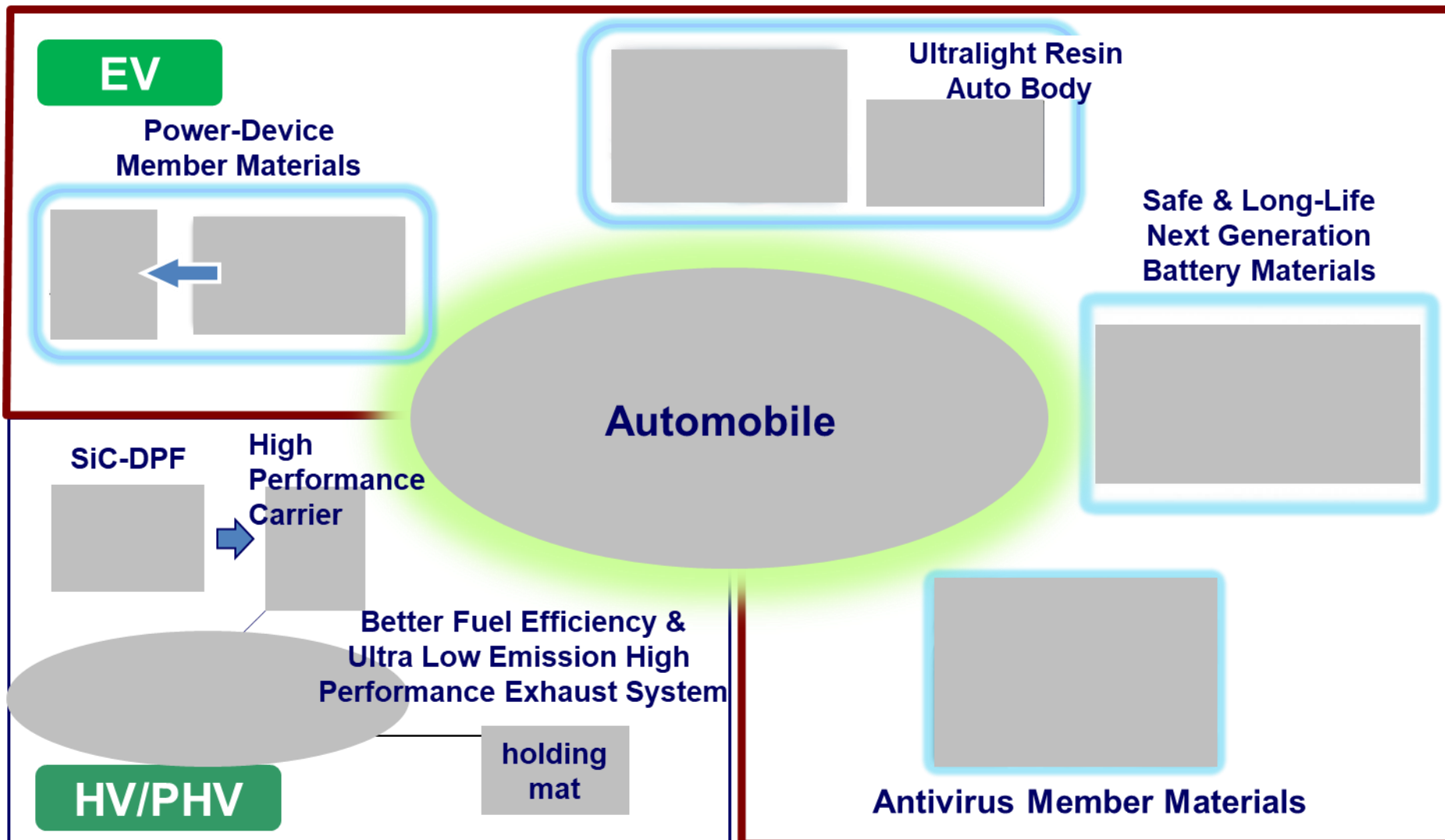
# [Electronics] Business Domain Target

- Demand Expansion of Sophisticated Electronic Substrate Centering on Data Traffic with the Popularization of 5G/ICT/AI.



# [Ceramics] Business Domain Target

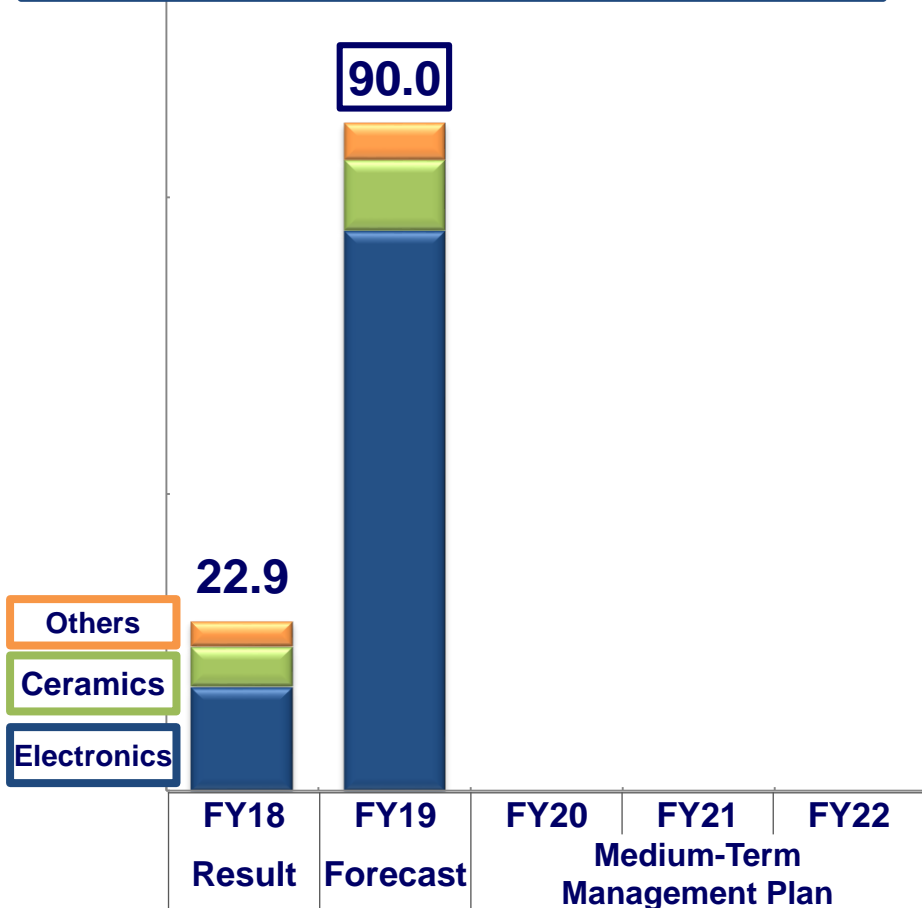
- Expansive Demand for New Materials/Parts with the Development of powertrain.



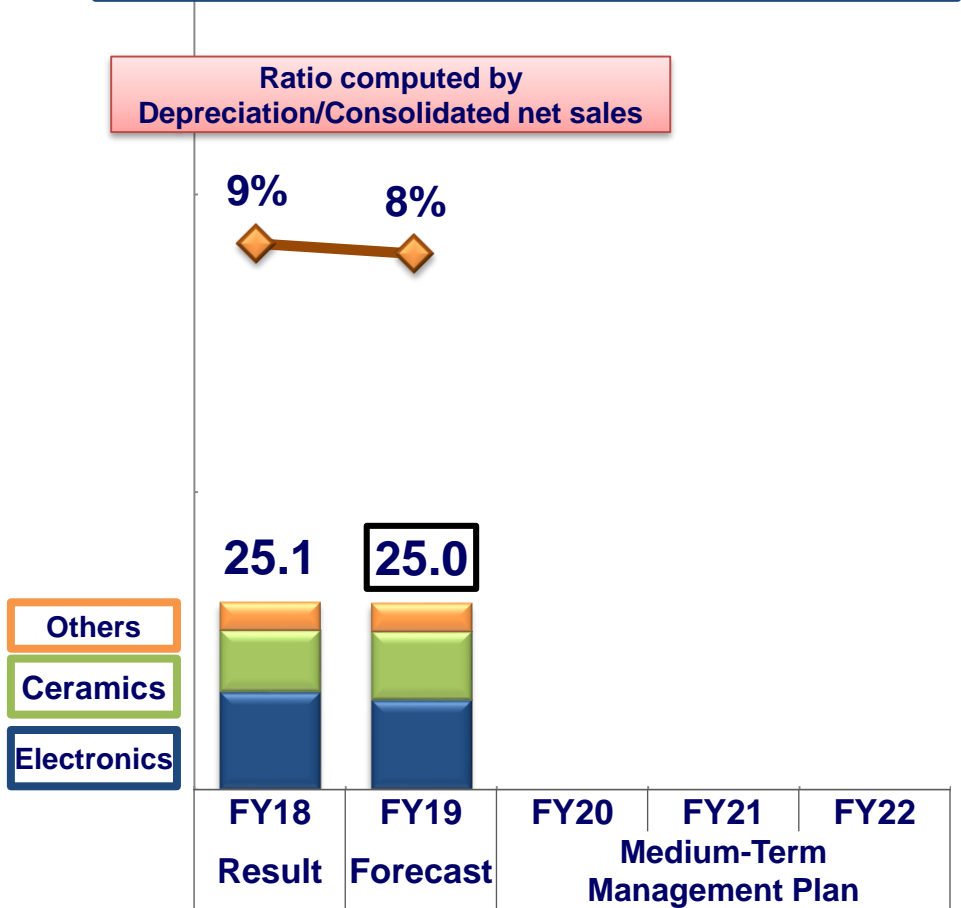
# Plan of Capital Expenditure and Depreciation

- Investment for Growing and Emerging Markets/Fields Focusing around IC PKG.
- Flexible and Agile Investment Responding to Market Trend, Customer Demand and Technology Trend after FY2020.

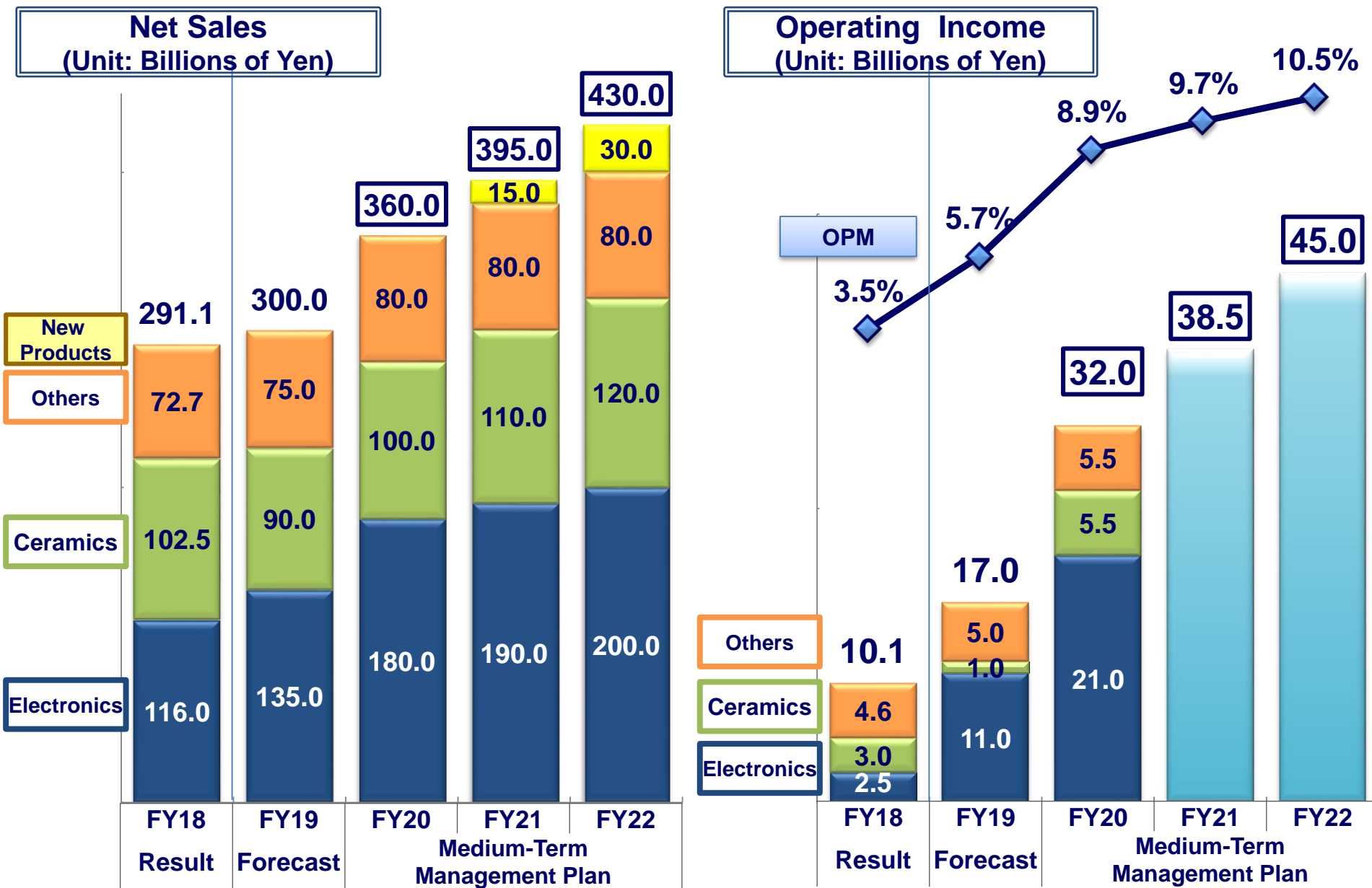
**Capital Expenditure** (Unit: Billions of Yen)



**Depreciation** (Unit: Billions of Yen)



# Forecast of Medium-Term Management Plan IBIDEN



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# 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)

