

#### 3Q FY2016 (Apr. 1, 2015 – Dec. 31, 2015) Financial Announcement

January 29, 2016

#### Agenda:

➤ 3Q FY2016 Consolidated Financial Summary Tetsuro Hori, Corporate Director, Senior Vice President & General Manager

Business Environment & New TEL Corporate Vision Toshiki Kawai, Representative Director, President & CEO





### 3Q FY2016 Consolidated Financial Summary

3Q FY2016: October 1, 2015 - December 31, 2015

FY2016: April 1, 2015 - March 31, 2016

January 29, 2016

Tetsuro Hori

Corporate Director, Senior Vice President & General Manager



### FY2016 3Q Highlights

 Sustained gross profit margin and operating margin at high level for 5 consecutive quarters

 Q3 SPE orders up 30% QoQ. Foundry and 3D-NAND investment increased as expected

Completed repurchase of 15.4m shares, all cancelled as of Jan 20

#### Financial Summary

(Billion Yen)

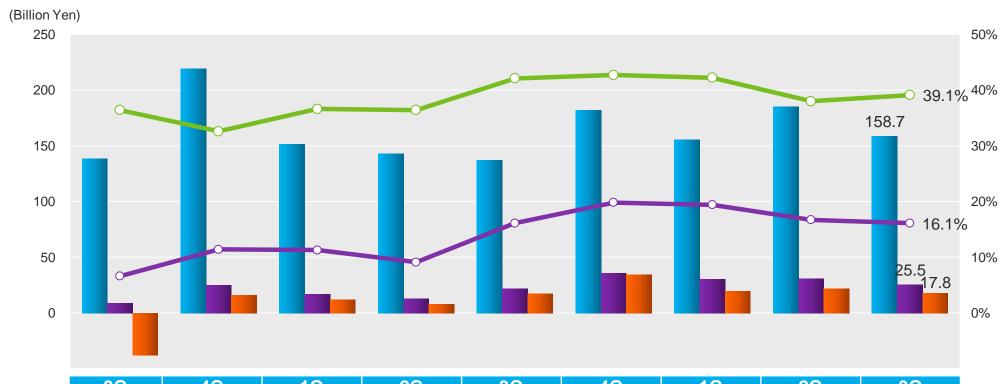
	FY2016			1Q-3Q		
	1Q	2Q	3Q	FY16	FY15	YoY Change
Net sales	155.7	185.1	158.7	499.7	431.2	+15.9%
Gross profit Gross profit margin	65.7 42.2%	70.3 38.0%	62.0 39.1%	198.0 39.6%	165.0 38.3%	+20.0% +1.3pts
SG&A expenses	35.4	39.3	36.5	111.3	112.8	-1.4%
Operating income Operating margin	30.2 19.4%	30.9 16.7%	25.5 16.1%	86.7 17.4%	52.1 12.1%	+66.2% +5.3pts
Income before income taxes	29.0	28.4	25.1	82.6	53.8	+53.5%
Net income attributable to owners of parent	19.4	21.8	17.8	59.2	37.4	+58.1%
R&D expenses	17.5	20.0	18.3	55.9	51.7	+8.0%
Capital expenditures	2.1	2.6	2.8	7.6	9.9	-22.7%
Depreciation and amortization	4.6	4.7	4.9	14.2	15.1	-6.0%

<sup>1.</sup> In principle, export sales of Tokyo Electron's mainstay semiconductor and FPD production equipment are denominated in yen. While some settlements are denominated in dollars, exchange risk is hedged as forward exchange contracts are made individually at the time of booking.



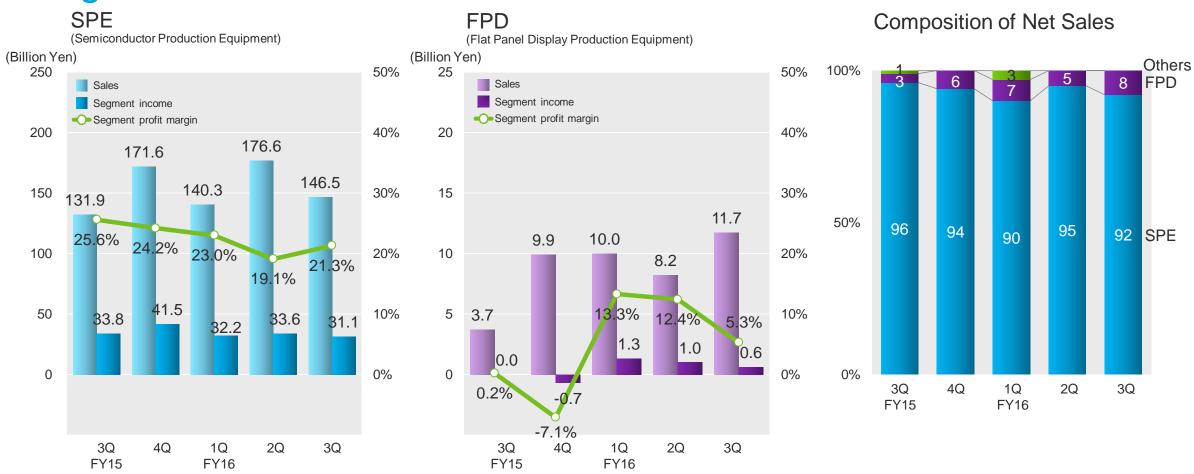
<sup>2.</sup> Profit ratios are calculated using full amounts, before rounding.

#### **Financial Performance**



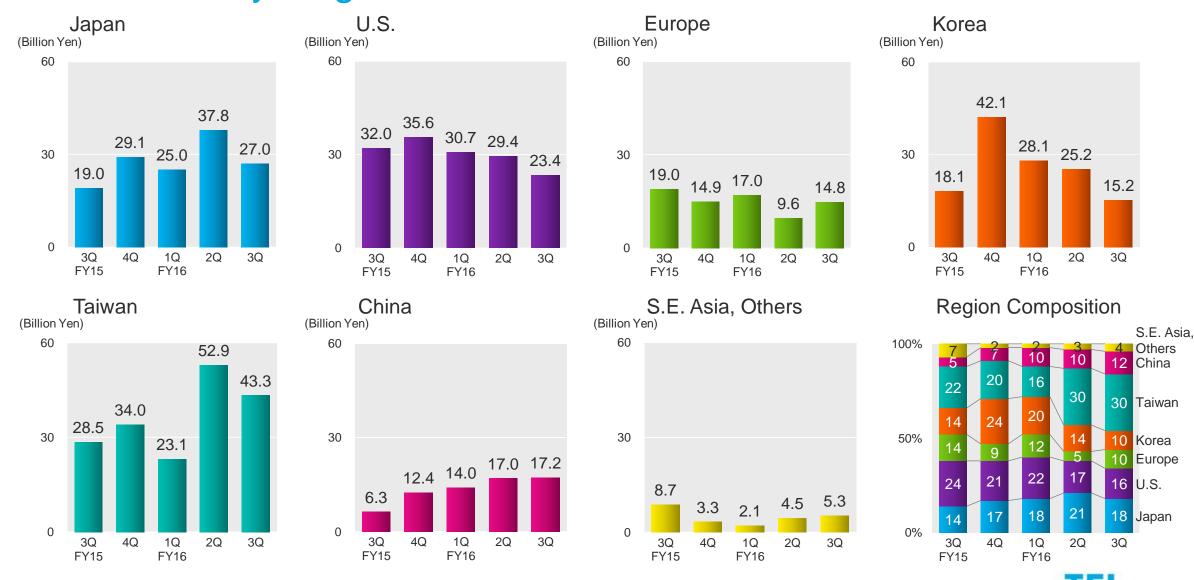
	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q
	FY14		FY15				FY16		
Net sales	138.4	219.2	151.3	142.9	137.0	181.8	155.7	185.1	158.7
Operating income	9.0	24.9	17.0	13.0	22.0	35.9	30.2	30.9	25.5
Net income attributable to owners of parent	-38.0	16.2	11.8	8.1	17.4	34.4	19.4	21.8	17.8
Gross profit margin	36.4%	32.6%	36.6%	36.4%	42.1%	42.7%	42.2%	38.0%	39.1%
Operating margin	6.6%	11.4%	11.3%	9.1%	16.1%	19.8%	19.4%	16.7%	16.1%

#### **Segment Information**



- 1. Segment income is based on income before income taxes.
- 2. R&D expenses such as fundamental research and element research are not included in above reportable segments.
- 3. As of 1Q FY2016, the PV production equipment business was no longer material as stipulated in the Accounting Standard for Disclosures about Segments of an Enterprise and Related Information. Therefore, it has been excluded from segmental reporting.
- 4. In composition of net sales figures, the PV production equipment business is included in Others.

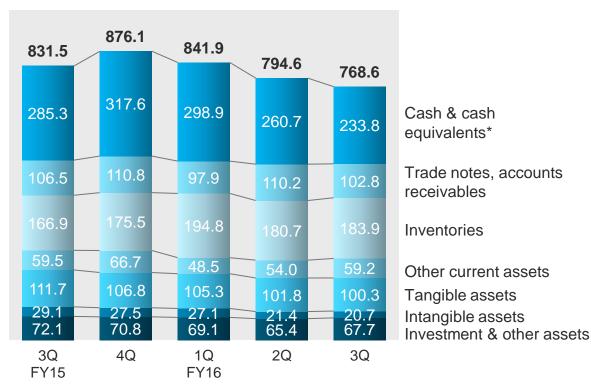
#### SPE Sales by Region



#### **Balance Sheet**

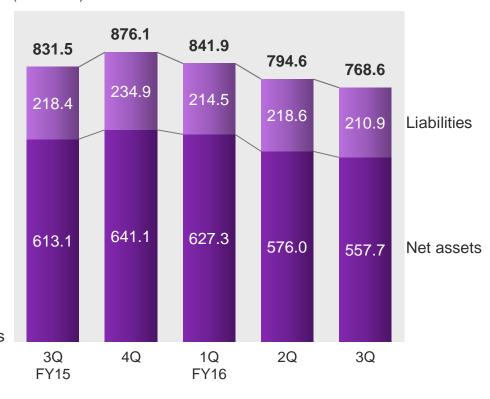
#### Assets

(Billion Yen)



#### Liabilities & Net Assets

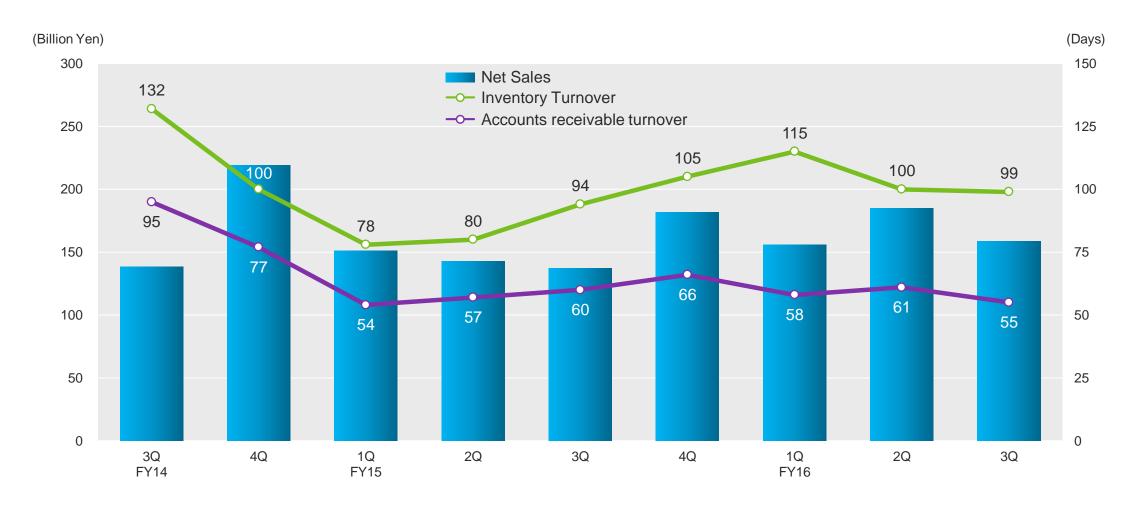
(Billion Yen)





<sup>\*</sup>Cash and cash equivalents: Cash and deposits + Short-term investments, etc. (Securities in B/S).

#### Inventory Turnover and Accounts Receivable Turnover



Turnover days = Inventory or accounts receivable at the end of each quarter / last 12 months sales x 365



#### Cash Flow



<sup>\*</sup>Cash flow from investing activities excludes changes in deposits with periods to maturity of over 3 months.

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<sup>\*\*</sup>Free cash flow = cash flow from operating activities + cash flow from investing activities excluding changes in deposits with periods to maturity of over 3 months.

<sup>\*\*\*</sup>Cash on hand includes the total of cash + deposits with periods to maturity of over 3 months.

### Share Repurchase and Cancellation Completed

Cancellation of 15.4m shares completed (Jan 20, 2016) (Representing 8.53% of pre-cancellation outstanding shares)

Outstanding shares after cancellation: 165,210,911 shares

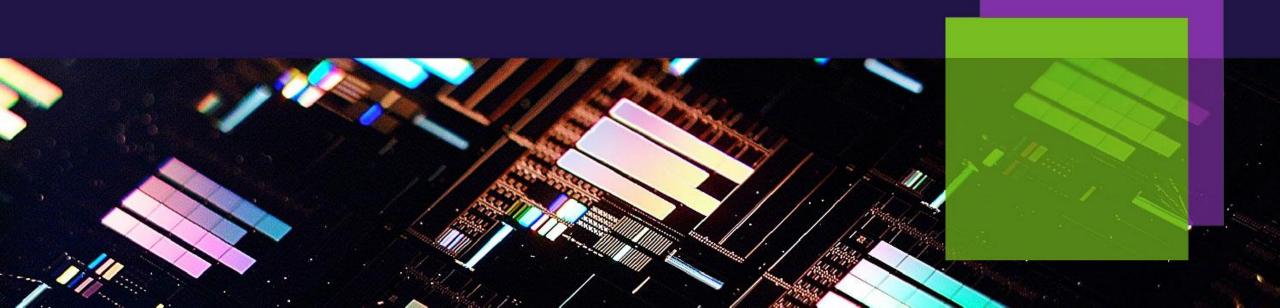




### Business Environment & New TEL Corporate Vision

January 29, 2016

Toshiki Kawai Representative Director, President & CEO



#### **Business Environment**

#### SPE Capex

CY2016 WFE capex expected to be similar level to CY2015

- Memory: DRAM investment past its peak, 3D-NAND investment to expand
- Foundry/Logic: Overall demand expected to be in line with CY2015 as start of cutting-edge node investment offsets slowing smartphone and PC demand

#### ► FPD Capex

CY2016 demand for FPD production equipment expected to be firm, similar level to CY2015, mainly driven by capex for small/medium panels for mobile devices

(Outlook as of January 2016)

The semiconductor production process can be divided into two sequential sub-processes referred to as front-end (wafer fabrication) and back-end (assembly and test) production. WFE (wafer fabrication equipment) is used in the front-end production process.

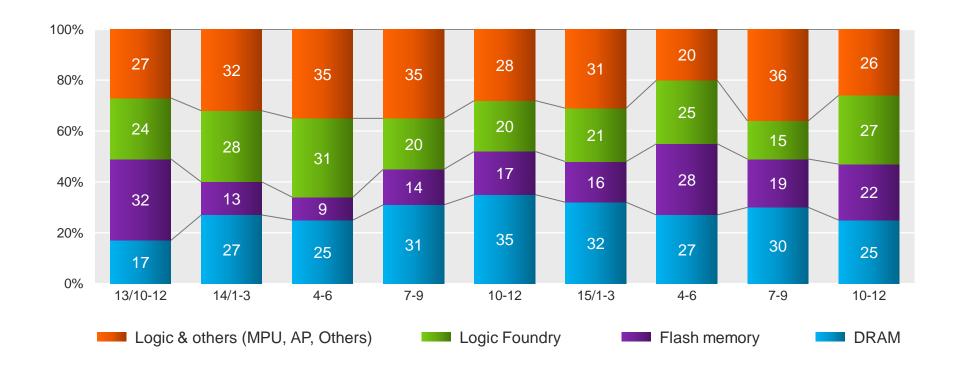
### **Quarterly Orders**



As of the April-June 2015 quarter, the PVE business was no longer material as stipulated in the Accounting Standard for Disclosures about Segments of an Enterprise and Related Information. Therefore, it has been excluded from segmental reporting.



## Composition of SPE Orders by Application: Equipment Only

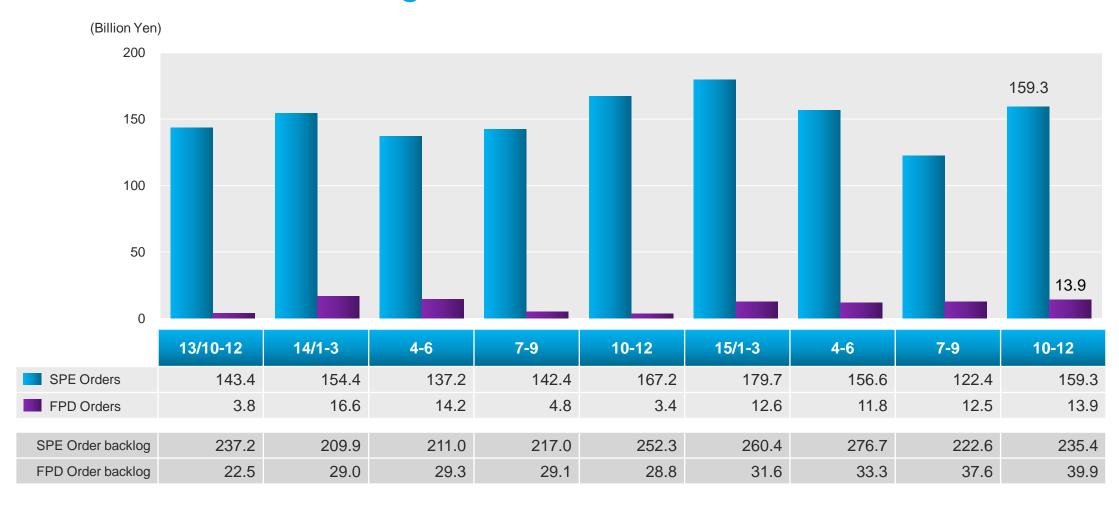




## SPE Orders by Region



#### Orders, Order Backlog



As of the April-June 2015 quarter, the PVE business was no longer material as stipulated in the Accounting Standard for Disclosures about Segments of an Enterprise and Related Information. Therefore, it has been excluded from segmental reporting.



### FY2016 Financial Estimates (Announced on October 27, 2015)

 Full-year operating profit of over 100.0 billion yen and OPM of 16% expected due to further increases in profitability

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		FY2016 (Estimate)						
	FY2015 (Actual)	1 <sup>st</sup> half	2 <sup>nd</sup> half	Full year	YonY			
	(Caralla)	Actual	Estimates	Estimates	change			
Net Sales	613.1	340.9	319.1	660.0	+8%			
SPE	576.2	316.9	293.1	610.0	+6%			
FPD	32.7	18.2	25.8	44.0	+35%			
Operating income Lower line: OP margin	88.1 14.4%	61.2 18.0%	43.8 13.7%	105.0 15.9%	+16.8 +1.5pts			
Income before income taxes	86.8	57.5	42.5	100.0	+13.1			
Net income attributable to owners of parent	71.8	41.3	30.7	72.0	+0.1			

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## New TEL Corporate Vision



#### The IoT Future

Potential economic impact of IoT in 2025

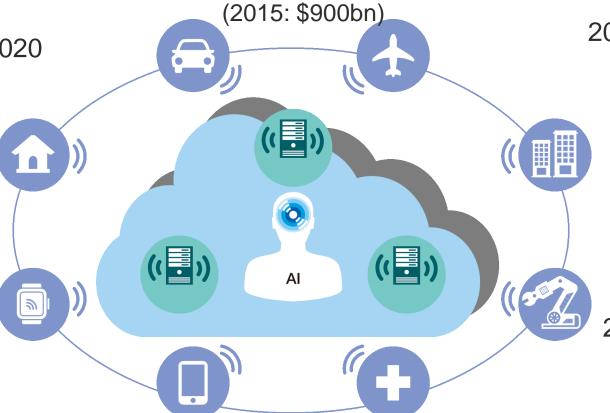
**Up to \$11.1tn** 

Connected devices in 2020 **50bn** 

(2014: 14.2 bn)

IP Traffic CAGR 23%

(2014-2019)



2019 semiconductor market

<u>\$388bn</u>

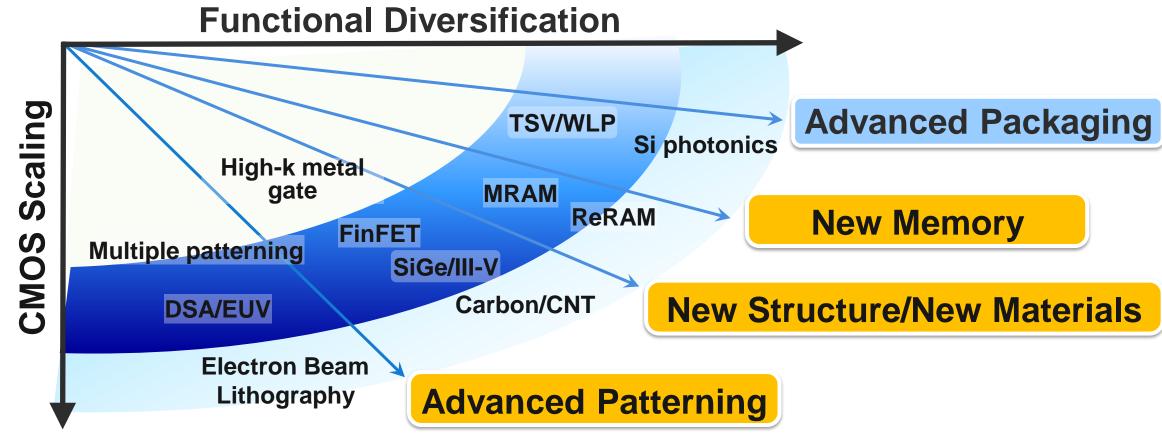
(2014: \$340bn)

2019 WFE market

\$39bn

(2014: \$32bn)

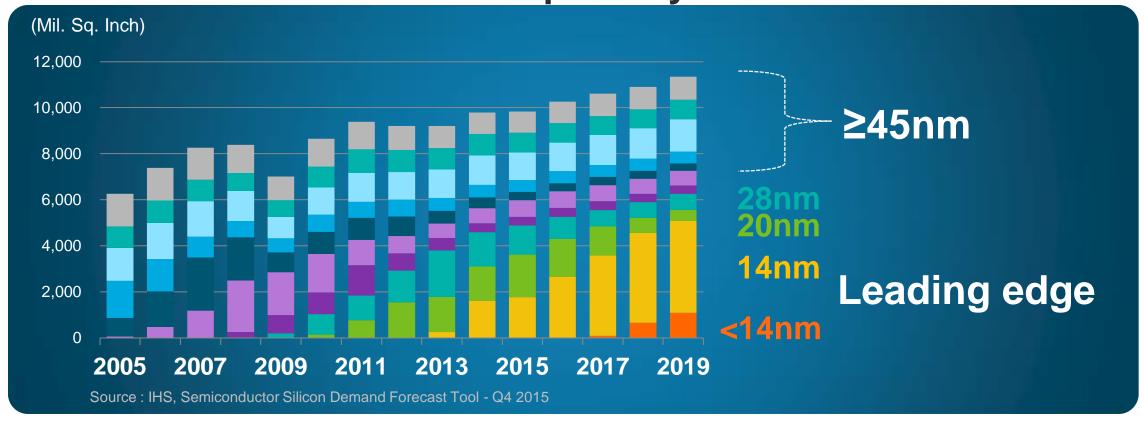
#### Semiconductor Technological Innovations



Evolution of semiconductors involves new, extensive technologies

### Semiconductor Manufacturing Process Nodes for IoT

**Wafer Consumption by Nodes** 



# Manufacturing process nodes going multi-generational



#### **Basic Strategy**



Upgrade legacy technologies (Improve productivity, energy saving)

Respond to multi-generation shift



### Technology Inflection Points Create Business Opportunities



Expanding our Competitive Strengths to Maximize Growth Opportunities

I am pleased to have assumed the position of representative director, senior executive vice president and COO in June 2015. I would like to thank our shareholders and other stakeholders for their support and confidence.

The internet of things (ioT), which will connect not only conventional PCs and mobile devices, but

also various other objects, is nearly upon us. According to Cisco Bystems, a U.B.-based networking equipment manufacturer, the number of devices connected to the internet is expected to grow from 14.5 billion in 2014 to 50 billion in 2020, and annual global IP traffic is thus expected to grow an average of 21% per year from 2013 to 2018. Technological innovation in semiconductors Under a new executive framework designed to maximize Tokyo Electron's strengths, we are pursuing world-class product competitiveness and profitability and thus seeking to enhance corporate value.

has an important part to play in the arrival of this new era, as do the cutting-edge production equipment technologies that support such innovation.

The semiconductor industry is now right on the brink of the most important inflection points in its history, Until now, semiconductors have developed through ongoing miniaturization, However, as miniaturization progresses, we are encountering various technological barriers that cannot be overcome by existing technologies. To break through these barriers, innovative new technologles are emerging. These include 3D structure devices, such as 3D NAND flash and FinFET, the use of new semiconductor materials, and multiple patterning that realizes finer patterns by using etch and deposition with current ithography technology. By developing products suited for these new technologies, Tokyo Electron raised its market share in every one of its product categories in 2014. We regard technological inflection points as unparalleled opportunities for business expansion.

Going forward, under a new organizational structure, we will focus on our mainstay semiconductor production equipment (8PE) and flat panel display (FPD) production equipment businesses to further enhance product competitiveness. First, we are forcefully implementing our region and account management structures to construct an organizational system that can better respond to customers' needs by quickly offering sophisticated solutions. Furthermore, as technological demands grow more advanced, process control across product categories grows more important. Tokyo Bectron will therefore leverage the strength of its large and diverse product lineup to develop higher-added-value products. We are concentrating resources in areas that are expected to grow and streamlining development to accelerate the implementation of our product strategies.

As a market leader in the fields of SPE and FPD production equipment, we seek to contribute to the creation of a bright future for the world and, in doing so, continue to increase Tokyo Electron's corporate value. To make Tokyo Electron a truly global company, we will do our utmost to achieve world-class profitability and product competitiveness. To succeed, I ask for your continued support and confidence as we continue to move forward.

June 2015

Toshiki Kawai Senior Executive Vice President & COO

(From TEL Annual Report 2015)



#### **New TEL Vision**

A real global company generating high added-value and profits to Semiconductor and FPD industries through innovative technologies and groundbreaking proactive solutions with integrated diverse technologies



#### Goals

- 1. Reward shareholder support for TEL's growth potential Further enhance shareholder value, sustain new shareholder return policy
- 2. Support fulfilling lives for employees and their families

  Make compensation system more closely matched to role and contribution
- 3. Contribute to industry and society

# Pursue profits

# Raise corporate value

TEL's innovative technology and industry leading solutions

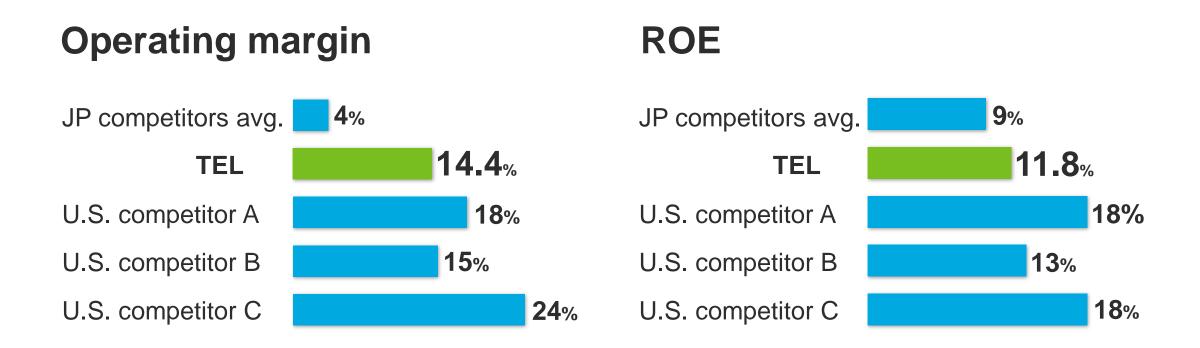


#### New TEL Medium-term Direction

- Best in Class = "strong business platform"
- 2. Best Fit in New Market = "responding to diversity"



#### Profit Margin Benchmarking (Most Recent FY)



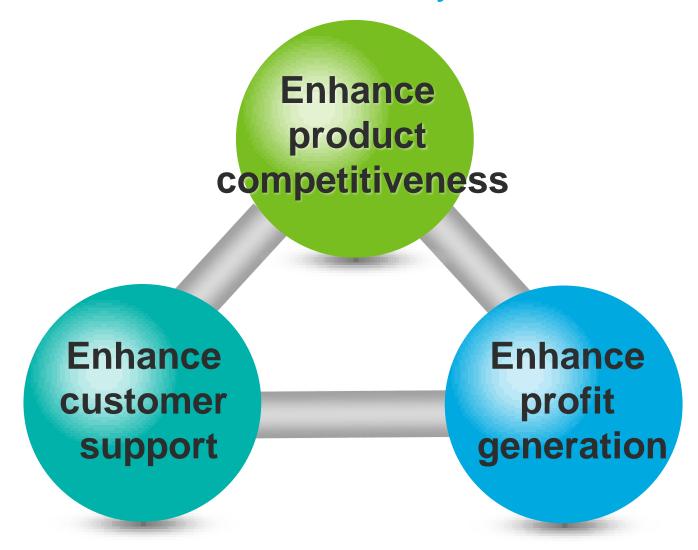
#### Medium-term Plan Financial Model

Wafer Fab Equipment Market size	\$30B	\$37B
Sales	<b>¥720.0</b> B	<b>¥900.0</b> B
Operating margin	20%	25%
ROE	15%	20%

### Aiming for global-level profitability



#### New TEL: Enhance TEL in Three Key Areas



### New Executive Team (Effective January 1, 2016)



Representative Director, President & CEO
T.Kawai



Representative Director,
Senior Executive V.P.
Development & Production
H.Kitayama

#### **Business Div.**



GM T.Kawai



Deputy GM H.Tsutsumi

**BUGMs** 

**Development**& Production Div.



GM S.Sasaki



Deputy GM M.Akimoto



Deputy GM G.Chung

#### **Global Field Div.**



GM H.Ito



Deputy GM K.Washino

Corp. Admin. Div.



GM T.Hori



Deputy GM T.Nagakubo



## Corporate Governance



### TEL Corporate Governance Guidelines (effective December 2015)

#### Proactive governance to achieve sustainable growth

- TEL uses the Audit & Supervisory Board governance system and has achieved effective governance based on the supervision of management by the Audit & Supervisory Board
  - The Board of Directors' role is to make major operational decisions and supervise their execution



- Nomination Committee and Compensation Committee are in place to ensure fair, effective, and transparent management
- The Corporate Senior Staff formulates and advances company strategy

#### Approach to Key Issues

 Stronger linkage between performance appraisal, rewards and medium-term plan

(Supplementary Principle 4-2-1, 4-3-1 of "Japan's Corporate Governance Code")

- TEL has ensured a degree of linkage of rewards to medium-term performance, but will consider a compensation system that provides stronger linkage to the Medium-term Management Plan
- TEL believes it is important to provide greater incentives linked to sustainable growth and will therefore consider personnel evaluation methods that are more directly linked to progress on the Medium-term Management Plan
- Board of Director effectiveness disclosure (Supplementary Principle 4-11-3)
  - TEL will debate concerning the effectiveness of the Board of Directors from this fiscal year onward and intends to compile its own analysis and evaluation and disclose a summary of the results

Disclaimer regarding forward-looking statement Forecast of TEL's performance and future prospects and other sort of information published are made based on information available at the time of publication. Actual performance and results may differ significantly from the forecast described here due to changes in various external and internal factors, including the economic situation, semiconductor/FPD/PV market conditions, intensification of sales competition, safety and product quality management, and intellectual property-related risks.

#### Processing of numbers

For the amount listed, because fractions are rounded down, there may be the cases where the total for certain account titles does not correspond to the sum of the respective figures for account titles. Percentages are calculated using full amounts, before rounding.

#### Exchange Risk

In principle, export sales of Tokyo Electron's mainstay semiconductor and FPD/PV panel production equipment are denominated in yen. While some settlements are denominated in dollars, exchange risk is hedged as forward exchange contracts are made individually at the time of booking. Accordingly, the effect of exchange rates on profits is negligible.

FPD/PV: Flat panel display/Photovoltaic



