TOSHIBA

The Toshiba Next Plan

— FY2019-23 Business Plan

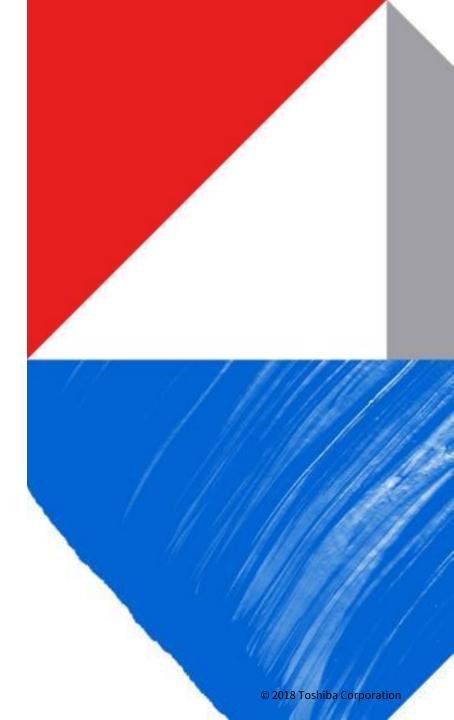
Nobuaki Kurumatani

Representative Executive Officer

Chairman & CEO

Toshiba Corporation

November 8, 2018



Forward-looking Statements

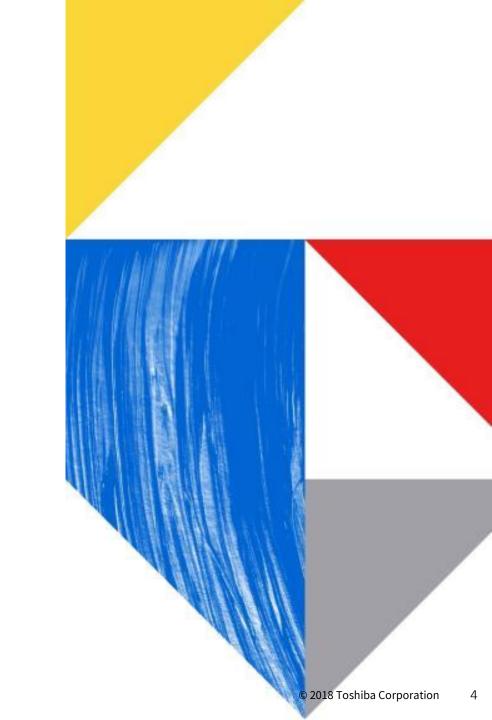
- This presentation contains forward-looking statements concerning future plans, strategies, and the performance of Toshiba Group.
- These statements are not historical facts; rather, they are based on assumptions and judgments formed by the management of Toshiba Group in light of currently available information. They include items that have not been finally decided at this point and future plans that are yet to be confirmed or that require further consideration.
- Since Toshiba Group promotes business in various market environments in many countries and regions, its activities are subject to a number of risks and uncertainties that are, without limitation, related to economic conditions, worldwide mega-competition in the electronics business, customer demand, foreign currency exchange rates, tax rules, regulations, geopolitical risk, natural disasters and other factors. Toshiba therefore wishes to caution readers that actual results might differ from expectations. Please refer to the quarterly securities report (*shihanki houkokusho*) for the second quarter of FY2018 (issued in Japanese only) for detailed information on Toshiba Group's business risk.
- Toshiba's fiscal year (FY) runs from April 1 to March 31. All figures are consolidated totals for 12 months, unless otherwise stated.
- Results in segments have been reclassified to reflect the current organizational structure, unless otherwise stated.

Today's Agenda

- **01** Overview and Vision
- 02 Targets and Four Reforms
- **03** Business Portfolio and Action Plans
- 04 Policy on Shareholder Returns
- 05 Development of New Growth Fields
- 06 Toshiba's Digital Transformation
- 07 Establishing the Structure for Execution



The Toshiba Next Plan
Overview and Vision



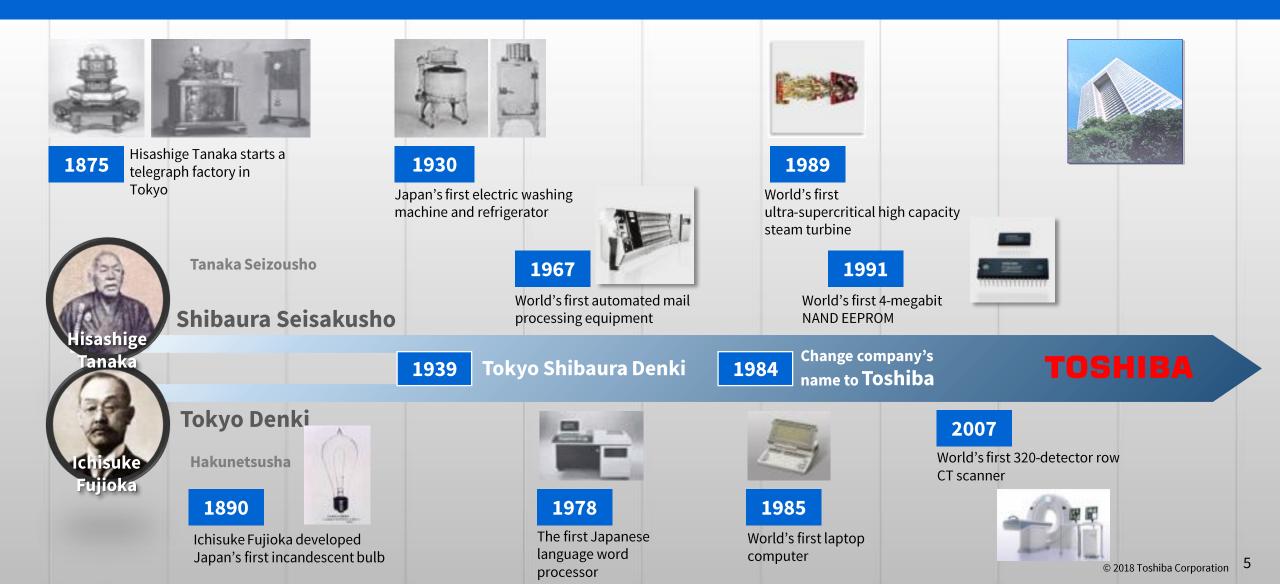
Introduction

Confirmed "Toshiba's DNA" through on-site discussions with employees



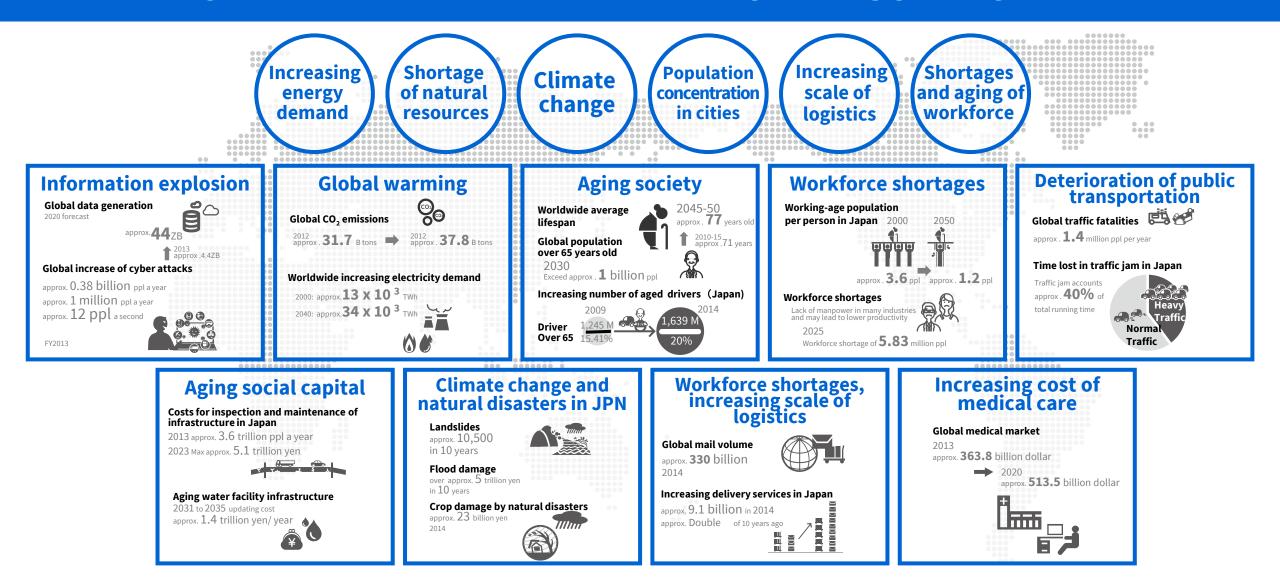
Toshiba Group's History of Achievement

Reviving the venture spirit of the company's founders



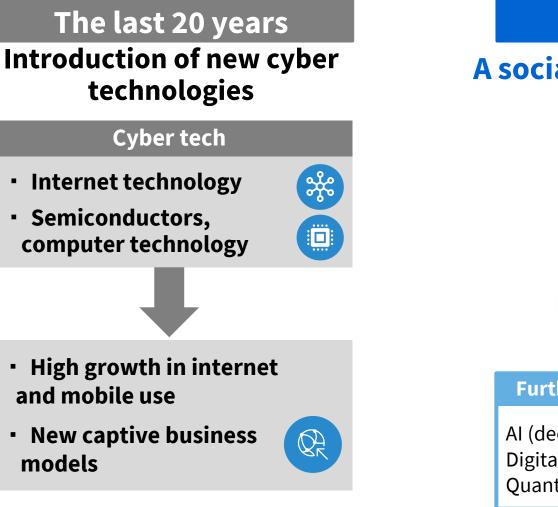
Intensifying Global Social Issues

Energy, natural resources and climate change among growing concerns



A Technology-Driven Paradigm Shift

The fusion of physical and cyber technologies will shape a new world



The next 20 years

A social revolution driven by cyber-physical tech

Demands from a rapidly changing society

Energy, Natural resources, Climate change, Urbanization, Aging, Workforce shortages

The fusion of cyber and physical technologies

Further evolution of cyber tech

AI (deep learning), Digital twin, Quantum computing, Security



Robotics, Autonomous driving, Biotech, Sensing, Wireless, Materials

Physical technology breakthroughs



Toshiba Group's Vision

Become world's leading CPS^{*1} technology company, ensure profitability by implementing the Toshiba Next Plan

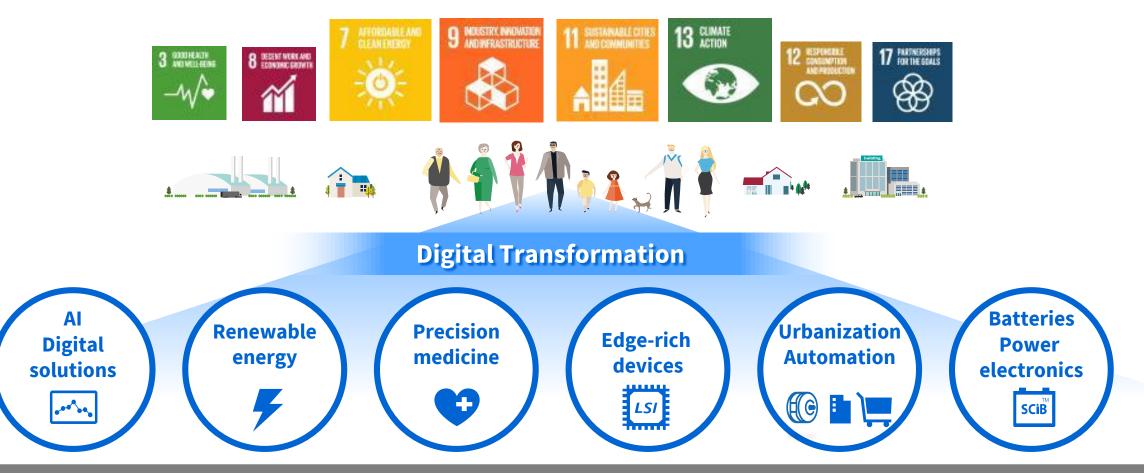
2023 2028 2018 2030 Help solve social issues Secure core earning power, World's Maximize enterprise value Grow with technology Leading CPS **Toshiba Next Plan** Contribute to social development Technology through the combination of cyber An excellent company Company with core earning power & physical technologies and growth potential SUSTAINABLE DEVELOPMEN Urbanization, Automation, **Evolution** Infrastructure Renewable energy, 2030年に向けて Energy Edge rich devices,*2 可能な開発目標」です **Storage & Electronic Devices** Incubation AI and digital solutions, **Industrial ICT solution Batteries**, Power R&D electronics, **Precision medicine**

*1 CPS(Cyber Physical Systems): CPS collect data from the physical world to be analyzed and processed using digital technology. CPS create value through a constant feedback loop between the cyber and physical worlds.

*2 Devices that use sensing technology such as LIDAR, Spin MEMS, hydrogen sensors, pressure sensors, RIG (rate integrating gyroscope), and ULP gyro

Help to Achieve SDGs^{*} Through Business Activities

Apply CPS technologies to solve social issues



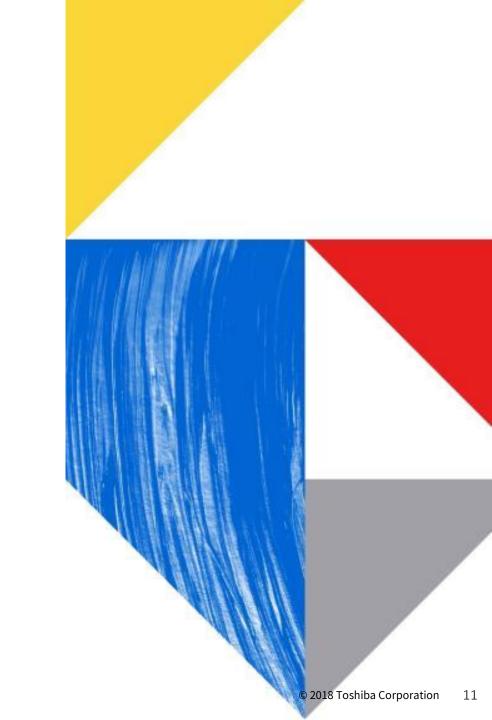
Committed to People, Committed to the Future (Basic commitment of the Toshiba Group)

*SDGs : Sustainable Development Goals



The Toshiba Next Plan

Targets and Four Reforms



Objective of the Toshiba Next Plan

Enhance shareholder's value by maximizing enterprise value

Customers, Business partners, Employees and the Community

Invest in growth

- Manage business portfolio
- Develop new businesses
- Enhance investment for organic growth

Manage risk

- Maintain effective internal controls
- Avoid excessive risk
- Sustain long-term corporate activities

Improve core earnings

- Strengthen core earning power
- Change profit structure by evolving as a CPS tech company

Maximize enterprise value

Enhance Total Shareholder's Return (TSR*)

The Toshiba Next Plan Targets

Aim to maximize enterprise value and TSR through profitable growth

	FY18 Forecast	FY19 Plan	FY21 Plan	FY23 Target
Revenue	3.6 T	3.4 T	3.7 T	over 4.0 T
Operating Income (ROS%)	60 B (1.7%)	140 B (Over 4%)	240 B (Over 6%)	over 8% Target 10%
EBITDA	130 B	220 B	340B	
ROE	-13% *Excluding discontinued business	over 6%	over 10%	approx. 15%

Selection and Concentration for Executing the Toshiba Next Plan

Implemented crisis management measures, selected and concentrated businesses, laid foundations for executing the Toshiba Next Plan

Enhanced internal controls and governance

Reinforced governance, improved management decision making processes, strengthened subsidiary management

- Split off in-house companies (July and Oct. 2017)
- Reporting of internal management system improvement (Oct. 2017)
- Revised executive officer structure (Nov. 2017)
- Resolving of "Explanatory notes regarding the going concern assumption" (Feb. 2018)

Dealt with stock exchange related issues

 Secured cancellation of designation as a securities on alert and under supervision (Oct. 2017)

Improved financial status and reviewed business portfolio

Strengthened financial status

- Share issue by third-party allotment (Dec. 2017)
- Divested non-core assets
 - Sold Shibaura Mechatronics securities (Dec. 2017)
 - Sold Toshiba Hospital (Mar. 2018^{*})
- Completed transfer of Memory business (June 2018)

Eliminated potential risk

- Transferred Westinghouse related claims (Jan. 2018)
- Pension buy-out of an European subsidiary (Mar. 2018)

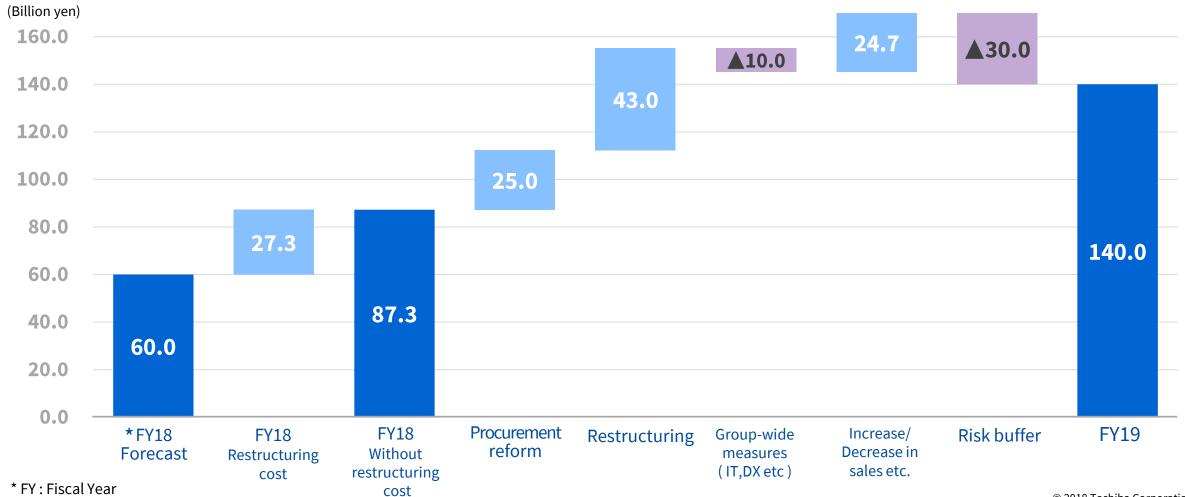
Reviewed business portfolio

- Landis+Gyr IPO (July 2017)
- Transferred Visual Solution business (Feb. 2018)
- Transferred Brazilian subsidiary (Mar. 2018)
- Transferred PC business (Oct. 2018)

* Cash-in in March, transaction completed in April 2018

Plan to Improve Group-wide Profitability (FY18 → FY19)

Initiate measures for rapid profitability improvement by strengthening core earning power, and aim to double operating profit



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Plan to Improve Group-wide Core Earning Power (FY18 → FY21)

Invest in growth while strengthening core earning power



The Toshiba Next Plan Overview

Four reforms to transform core earning power and focused investments in growth field

	Group-wide CFT initiatives	Short term (FY19-20)	Mid-term (FY21-3)	
Four reforms to	Reorganization CFT			
improve core earning power	HR optimization CFT	1. Restructuring		
earning power	Production CFT			
	Procurement CFT	2. Procurement transformation		
X	Sales CFT	3. Sales transformati	ion	
	IT/Process innovation CFT		4. Process	
	Modularization CFT		transformation	
Focused investments	Portfolio CFT Portfolio management		nt	
in growth fields	R&D CFT		Development of new growth fields	
			Digital transformation	
			New business incubation	

*CFT : Cross-functional teams leading transformation across the organization

1. Improve Profitability through Restructuring

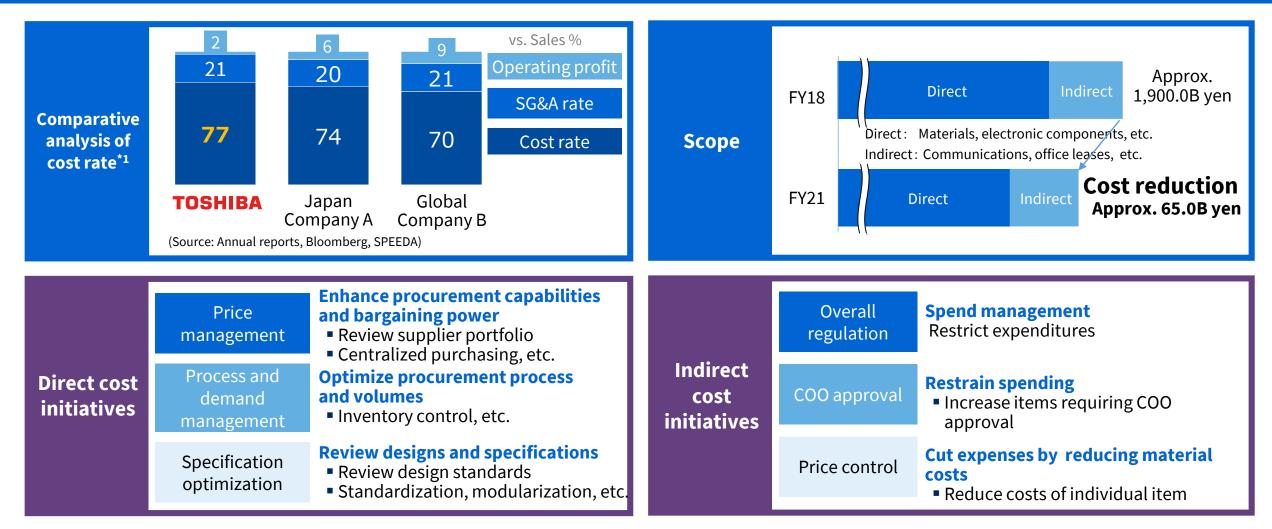
Improve profitability through optimization of business operation

Exit non-focus businesses Optimize workforce \rightarrow Rationalize fixed costs \rightarrow Mitigate future risk Reform and optimize IT and modularize production to Transfer the liquid natural gas business • increase efficiency, and reduce workloads etc. Withdraw from the UK nuclear power (Organic decrease in headcount by 7,000 over 5 years) plant business Promote early retirement in some businesses **Reorganize production bases Reduce subsidiaries** \rightarrow Secure better governance of subsidiaries \rightarrow Improve productivity and production processes Reduce domestic subsidiaries by 25% 15% of total locations will be reorganized ٠ Reduce overseas subsidiaries by 25% Reorganization cost: JPY 22.0B ٠

2. Reduce Cost rate by Reforming Procurement

Cost improvement of approx. 65 billion yen

(FY21 vs FY18)



3. Improve Profit by Reforming Sales Activities

Initiated activities to pursue upside potential improvement

Improve sales returns	 Streamline sales activities, improve efficiency Analyze detailed sales costs through benchmarking Reevaluate contract conditions, including prices Screen low profit products 	Pursue JPY 30.0B improvement by FY21 Upside is not included in the plan
Sales organization structure	 Enhance sales structure, utilize total capabilities including DX, in key account management Monitor sales activities and accelerate decision making processes through CRM^{*1} Promote digital marketing and enhanced communication 	Strengthen relationships with customers and market Upside is not included in the plan
Evaluate project order acceptance	 Increase corporate audits of orders (start in Oct.) Target large projects, new developments, EPC^{*2} projects etc. 	Prevent future project losses

*1 CRM: Customer Relationship Management *2 EPC : Engineering, Procurement, Construction

4. Improve Operations by Reforming Processes

Standardize and digitize operations across the Group

IT system reform

Next-generation IT investment plan: **JPY 110.0B** (FY19-23)



Develop IT infrastructure that supports transition to a CPS

enterprise

Standardized operations

Reform obsolete and silo IT systems and web sites (over 80% of total)

Secure swift visualization of thousands of financial management and operational KPIs

Operating costs

Business

Shift over 90% of conventional IT server to cloud

Product modularization

Engineering transformation Investment plan: JPY 30.0B (FY19-23)



Improve production efficiency and customer satisfaction

Manufacturing costs

Increase common parts ratio by 25% to promote procurement transformation

Response to customer

Design

Reduce design man-hours and lead times by 15% in a pilot business

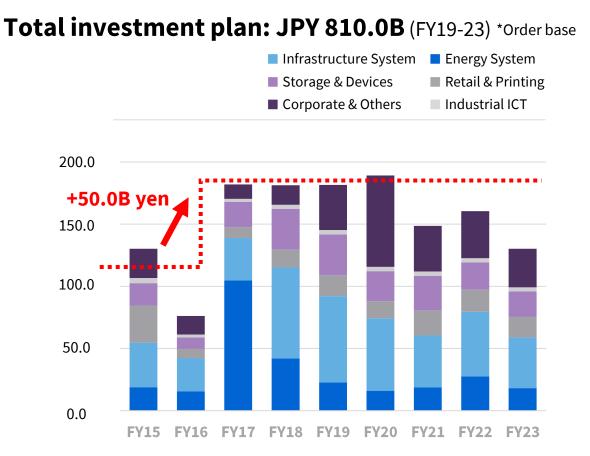
Deploy modular design in all business units transformation

To increase sales per employee and the profit margin, develop foundations to improve operational efficiency

Capital Expenditure and Investments

Accelerate investments in medium- to long-term organic growth

Capital Expenditure and investments^{*1}



Major investment projects

Investments in growth

- Renewable energy generation
- HVAC/AC development and production
- Production capacity for power devices
- Production capacity for nearline HDD^{*2}
- Production capacity for SCiB[™] batteries

Investments in business foundations

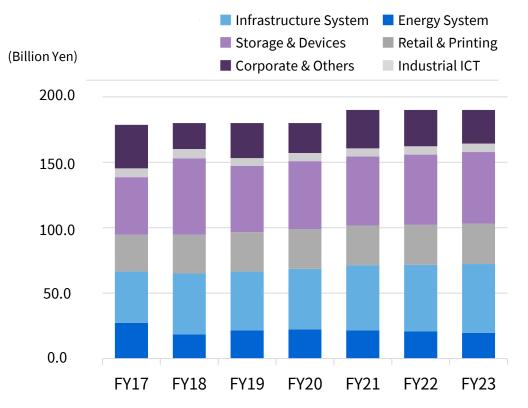
- Next-generation enterprise IT systems
- Engineering transformation
- New R&D center

R&D Investment

Accelerate investments to support profit and medium- to long-term growth

R&D investment *1

Total investment plan: JPY 930.0B (FY19-23)



Major R&D projects

Energy system

Focus on growth fields such as renewable energy technology (e.g., PV, Wind power, VPP^{*2}), asset management solutions and environmentally friendly products (supercritical CO₂ power cycle etc.)

Infrastructure system

Focus on growth fields such as SCiB[™], power electronics, robotics

Storage and device

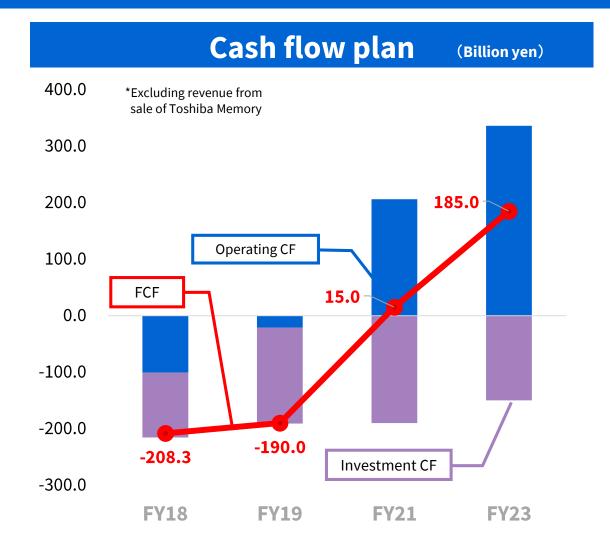
Focus investment on power devices, large capacity HDD for data center development

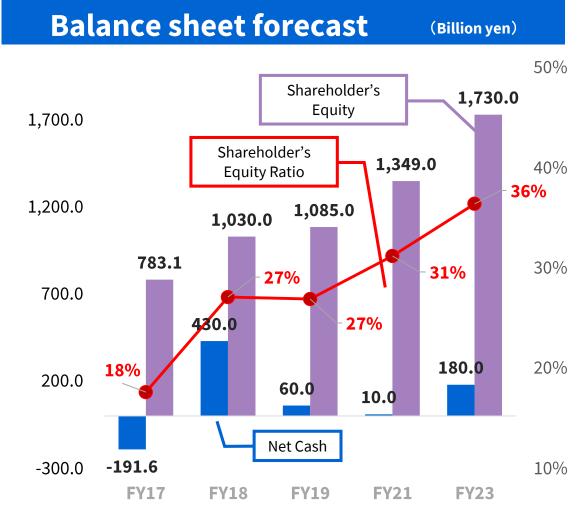
Industrial ICT

Focus on development of business model transformation systems, such as SPINEX[™], RECAIUS[™] and SATLYS [™]

Cash Flow Plan and Financial Structure

Aim for stable cash flow to finance investment for growth







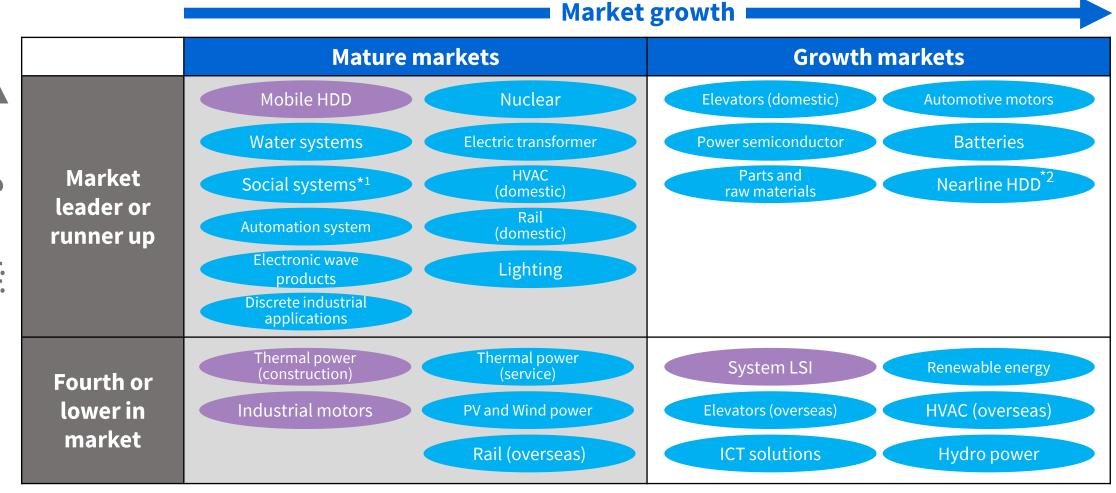
The Toshiba Next Plan

Business Portfolio and Action Plans



Business Portfolio

Thorough portfolio management, active investments in growth fields



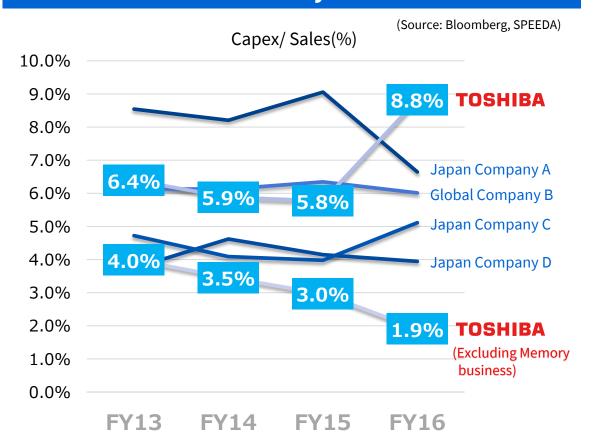
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Competitiveness

Investment Plan for Growth

80% of planned strategic investments to go to growth fields

Past investment was concentrated on the memory business



Planning organic growth by investment in growth fields

Major growth investment projects

- Renewable energy generation
- Production capacity for SCiB[™] batteries
- Production capacity for HVAC/AC
- Production capacity for power devices
- Production capacity for nearline HDD*

Toshiba Next Plan growth investment plan

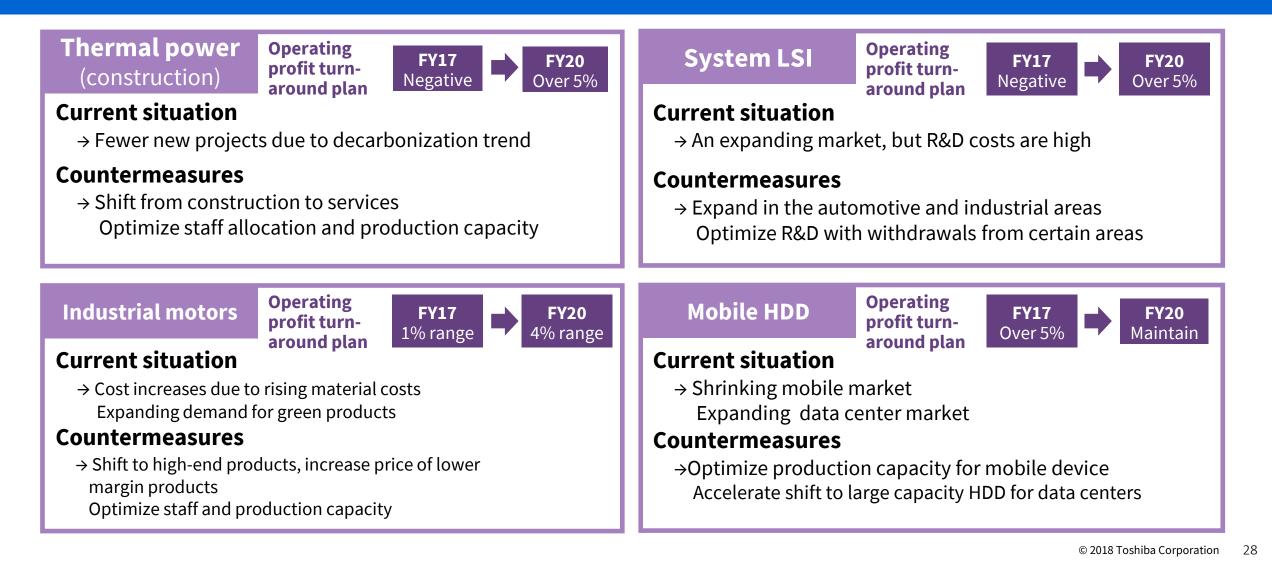
(Main growth investments for FY19-23)

	Stable	Growth
High market share	10%	60%
Low market share	9%	21%

* large capacity HDD for data centers

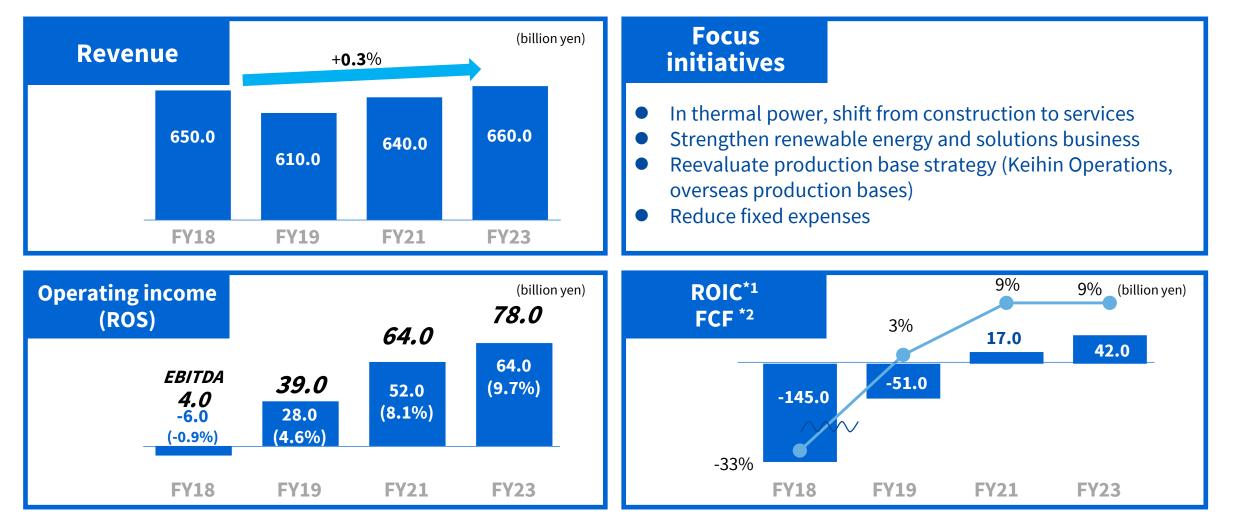
Structural Change of the Monitored Businesses

Set up toll gates and closely monitor low profit businesses



Objectives by Business Unit: Energy Systems

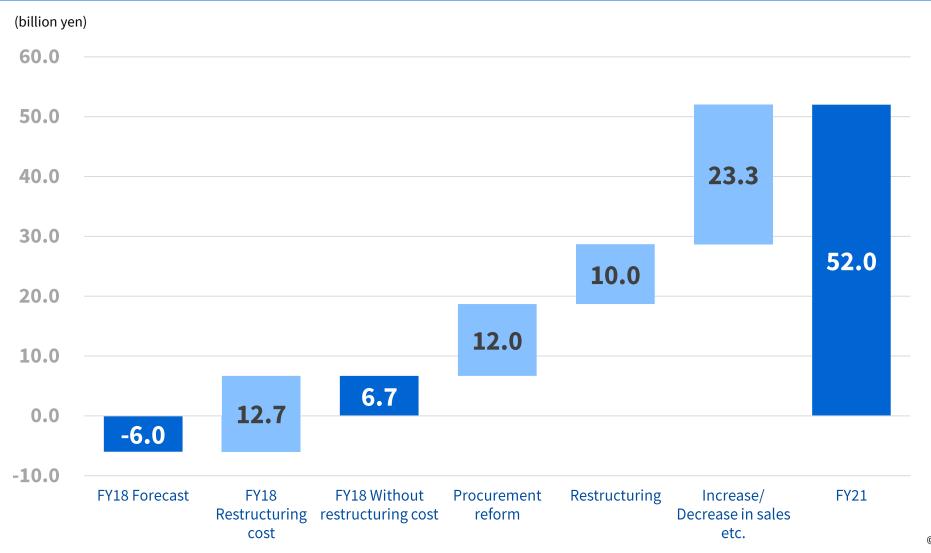
Increase earning power by shift to services and solutions, reduce fixed costs



*1 ROIC: Return on Investment Capital, *2 FCF: Free cash flow

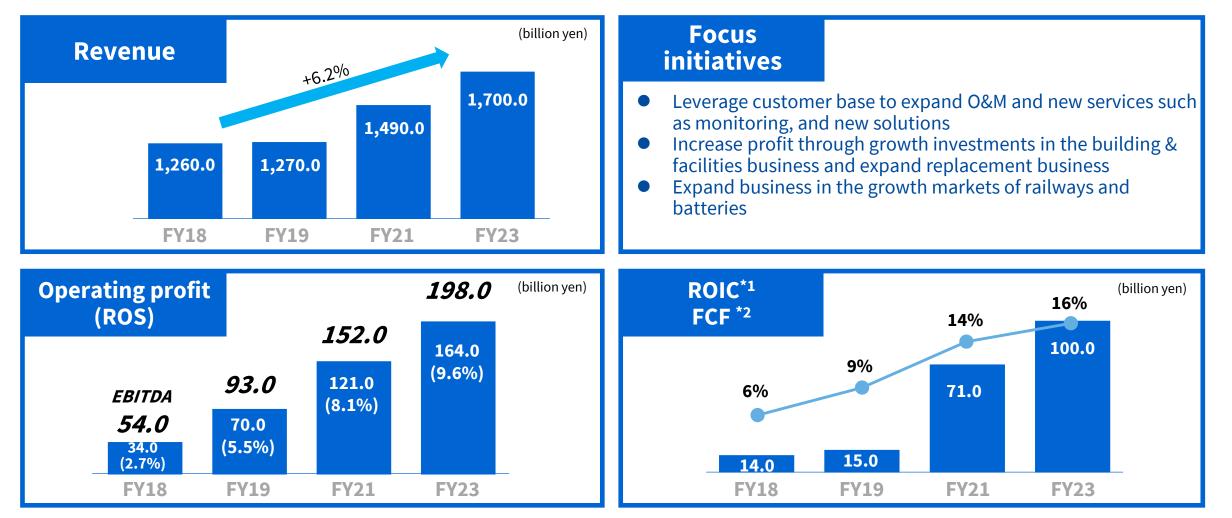
Improving Energy Systems' Operating Profit: FY18→FY21

Reform structure and procurement to secure improved profit



Objectives by Business Unit: Infrastructure Systems

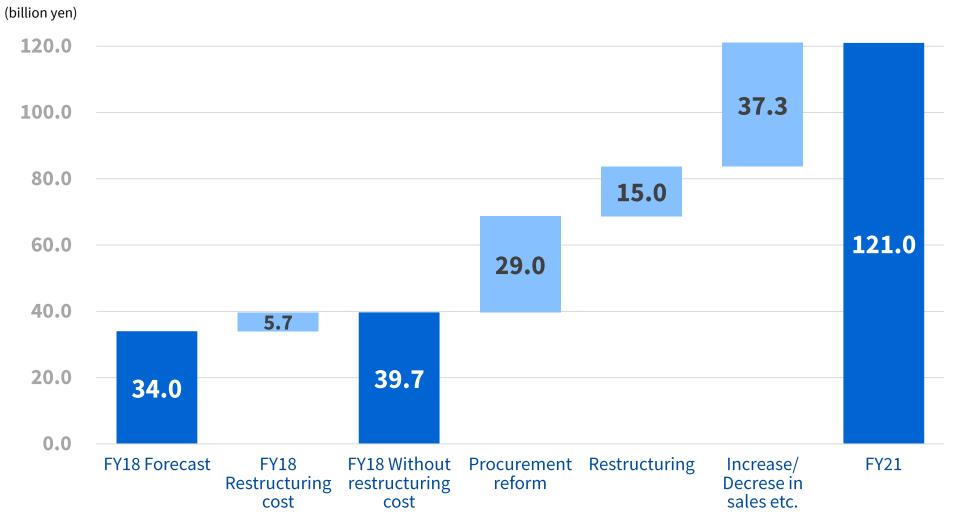
Aim to drive growth with proactive investment in buildings, railways and batteries



*1 ROIC: Return on Investment Capital, *2 FCF: Free cash flow

Improving Infrastructure Systems' Operating Profit: (FY18 → FY21)

Plan to improve profit and increase business scale by reaping results of investment

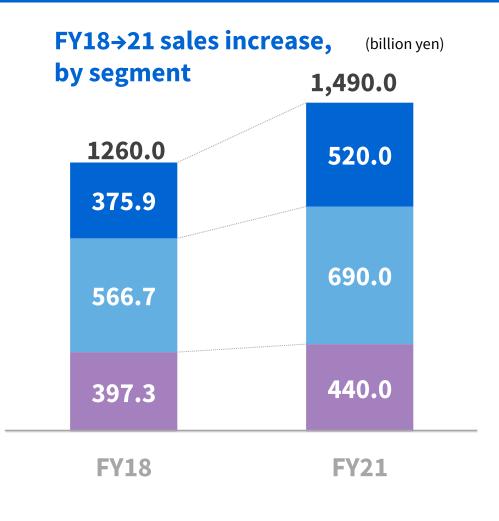


Improving Infrastructure Systems' Operating Profit: FY18 → FY21

Plan to increase sales in growth markets, and increase production capacity of core products to boost sales by 230 billion yen from FY18 to FY21

Rail • Industrial

^public <u>structur</u>e



Lithium-ion batteries

- Leverage SCiB[™] characteristics to expand into the automotive market
- Increase production capacity in Japan, India and the US
 Railway
- Increase sales in focus markets, e.g. Japan and China
- Enter hybrid train market in Europe

HVAC/AC

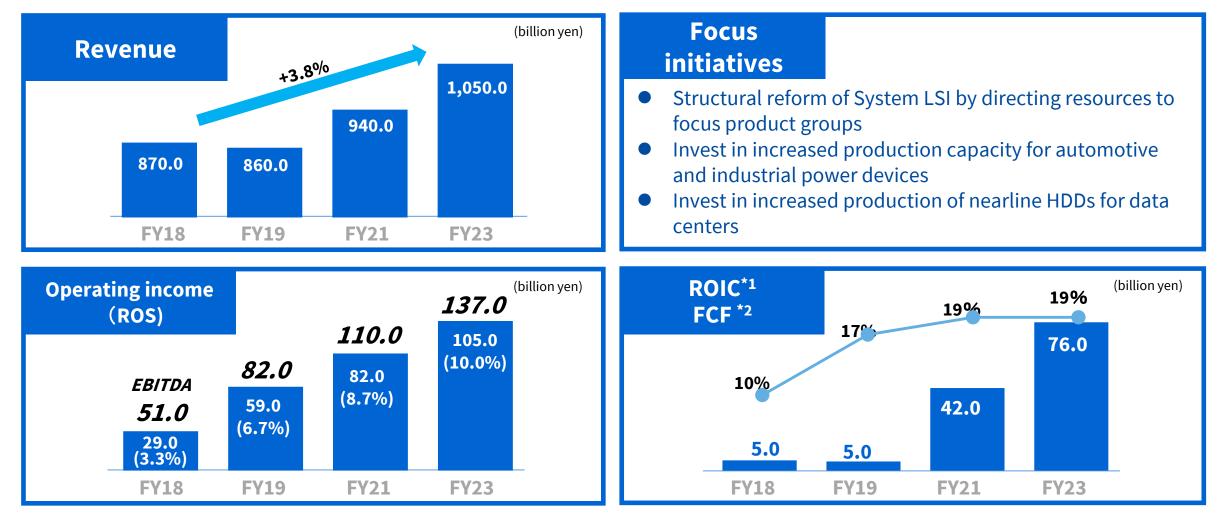
- Enhance product development and production capacity in Japan, China and India
- Expand presence in international markets

Elevators

- Focus on replacement demand for buildings constructed in the 90s
- Meet increasing demand from urbanization

Objectives by Business Unit: Storage & Devices, FY18 → FY21

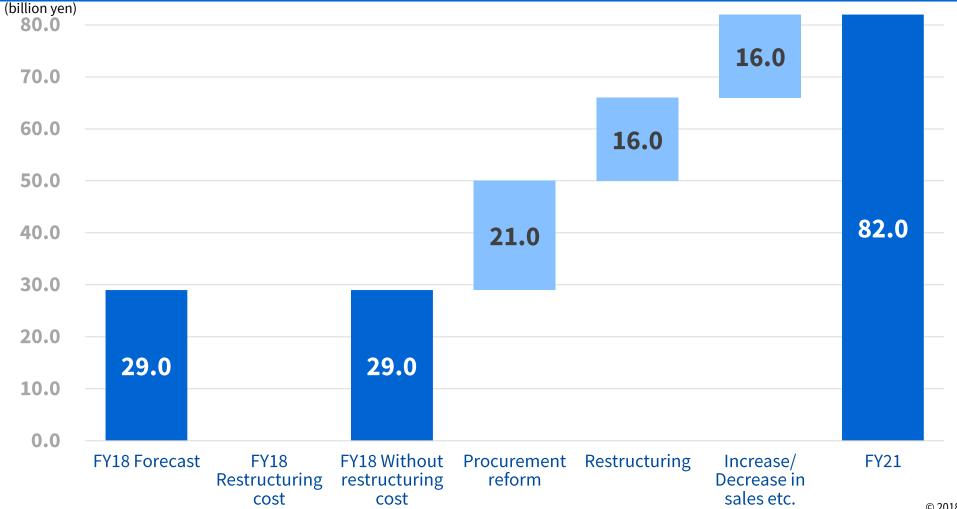
Focus on automotive and industrial, data centers and storage servers



*1 ROIC: Return on Investment Capital, *2 FCF: Free cash flow

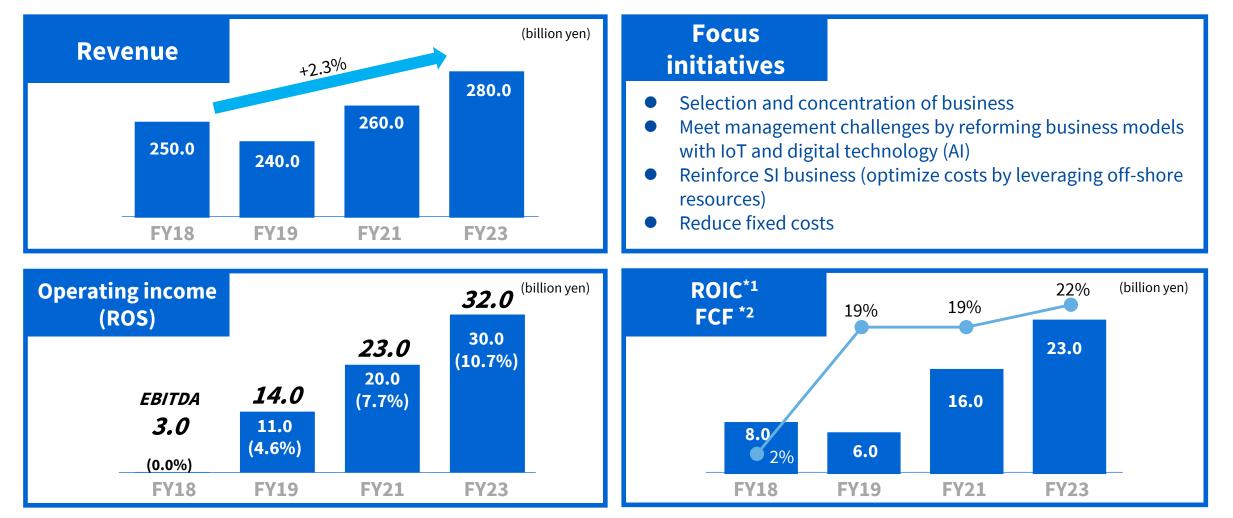
Improving Storage & Devices' Operating Profit: FY18 → FY21

Plan to reform procurement, and to optimize development costs to improve profit



Objectives by Business Unit: Industrial ICT, FY18→FY21

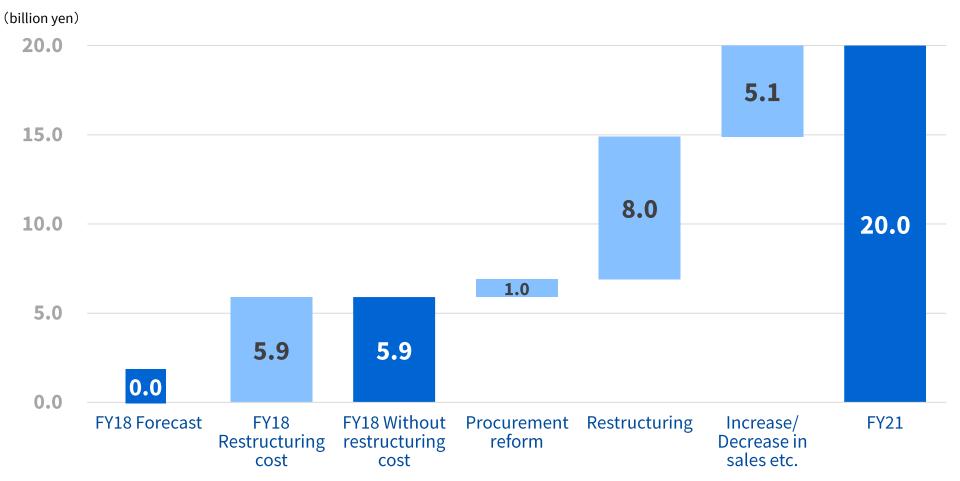
Secure stable profit by expanding IoT and cost structure review



*1 ROIC: Return on Investment Capital, *2 FCF: Free cash flow

Improving ICT Solutions' Operating Profit: FY18 → FY21

Plan to improve profit through structural reforms and business transformation





The Toshiba Next Plan

Policy on Shareholder Returns



Increasing shareholder return through resuming dividend payments as well as share repurchases

- Swiftly implement a share repurchase of approx. 700 billion yen
- Resume dividend payments of 20 yen per share to shareholders as of December 31
- Continue to achieve stable shareholder returns in FY2019 and onward

During the 5-year course of Toshiba Next Plan, the company aims to increase its dividend and to secure a planned average consolidated dividend payout ratio of 30%*. Toshiba will enhance profit distribution to shareholders through dividend payments and repurchase of its own shares, according to the situation.

* For the time being, equity method profit and loss for Toshiba Memory Corporation is excluded from Toshiba's policy on shareholder returns.



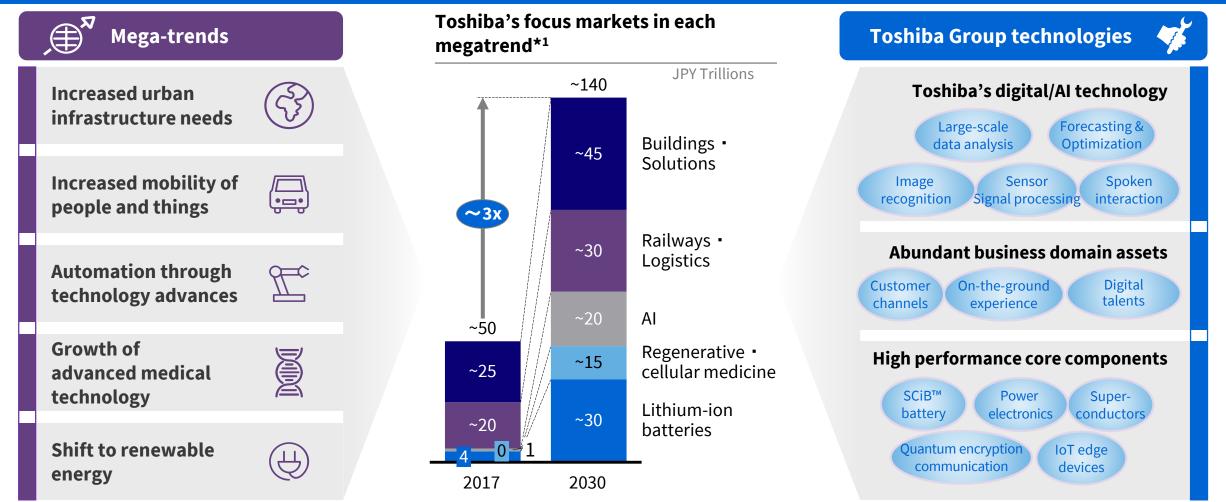
The Toshiba Next Plan

Development of New Growth Fields



Focus Fields Based on Mega-Trends and Owned Technologies

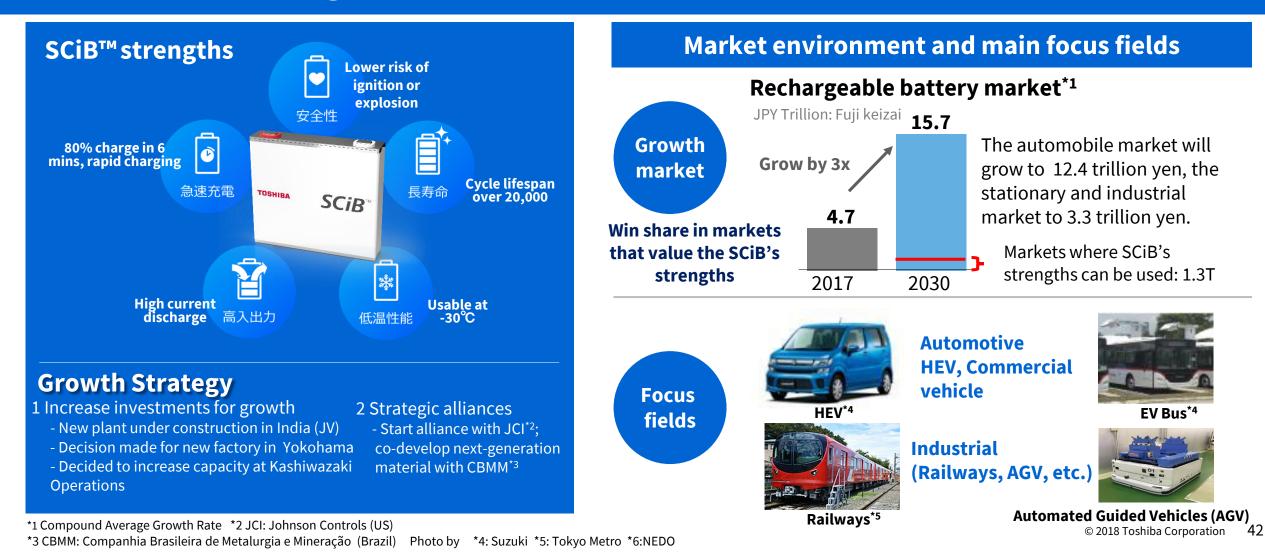
Recognize social change through disruptive innovation as an opportunity; focus on high growth markets



*1 (Building solution):HVAC - BIS research "Global HVAC market", Elevator - TechNavio "Global Elevator and Escalator Market 2018-2022"; Rail • Logistics IoT):Rail - SCI "Worldwide market for railway industries", Logistics IoT - Markets and Markets "Material handling equipment market Global forecast to 2022", Fuji Keizai "Next generation logistics business systems forecast 2017" domestic market only; (AI):Fuji Chimera^T2016 Artificial intelligence business report; (Regenerative/ cellular medicine):Seed Planning "Regenerative/ cellular medicine research on current and future business — research report—"; (Lithium batteries):Global Market Insights "Lithium Ion Battery Market Size, Competitive Market Analysis & Forecast, 2017 – 2024"

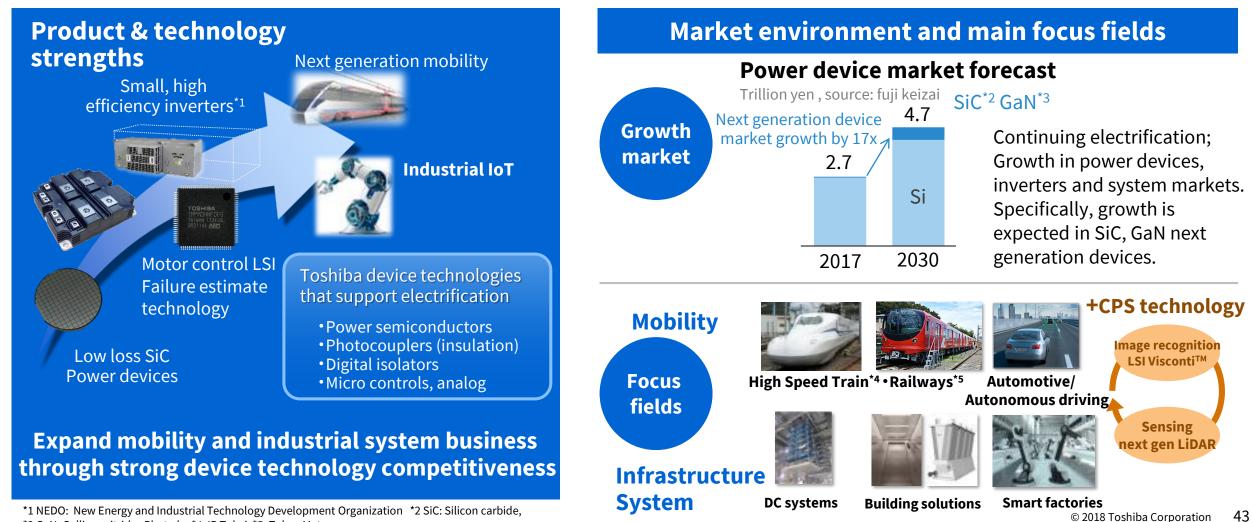
New Growth Business 1: SCiB[™]

Focus on markets where the SCiB^{™*1} characteristics are attractive Target 400 billion yen business scale in 2030



New Growth Business 2: Power Electronics

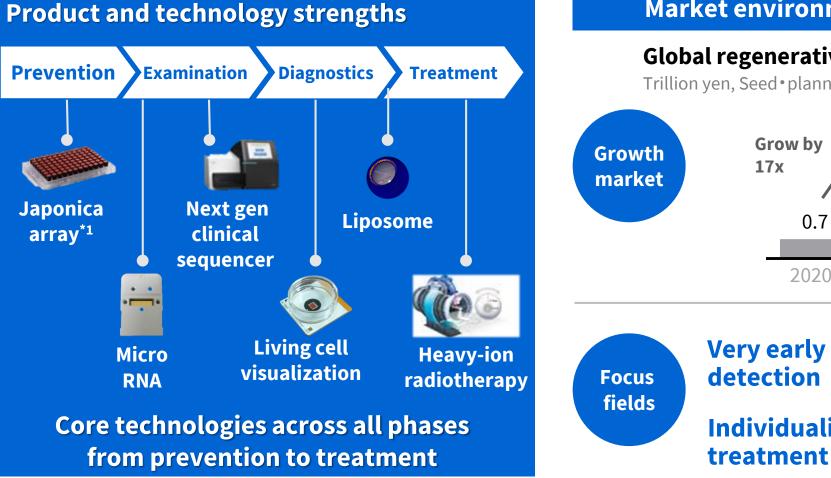
Capture evolution of power devices in a system that ensures differentiation



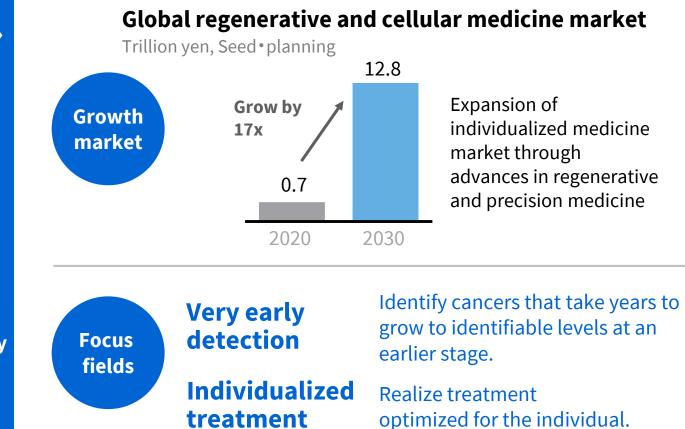
*3 GaN: Gallium nitride Photo by *4 JR Tokai *5: Tokyo Metro

New Growth Business 3: Precision Medicine

Improve cancer cure rates by very early detection and individualized treatment



Market environment and main focus fields





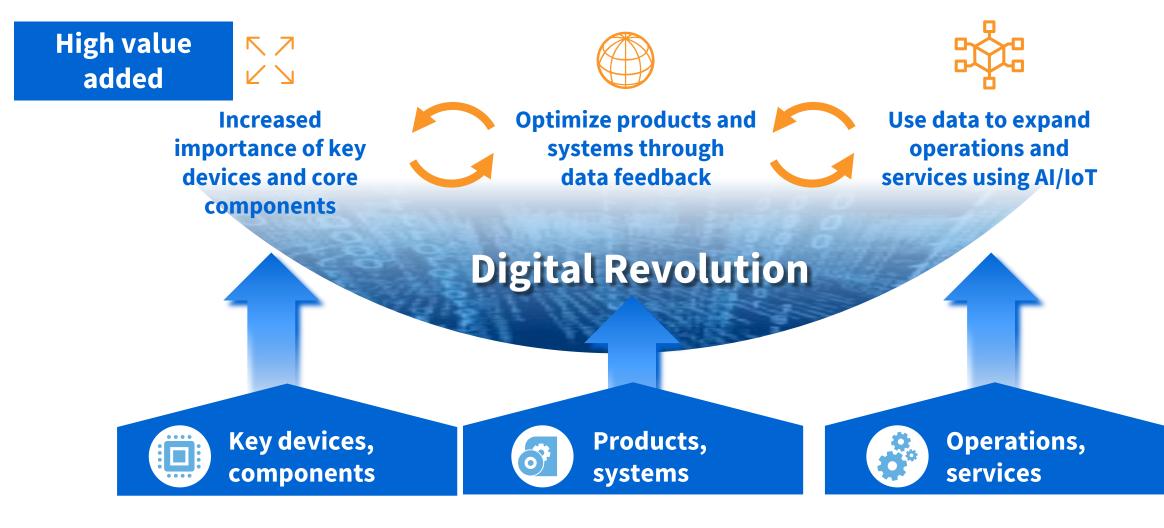
The Toshiba Next Plan

Toshiba's Digital Transformation



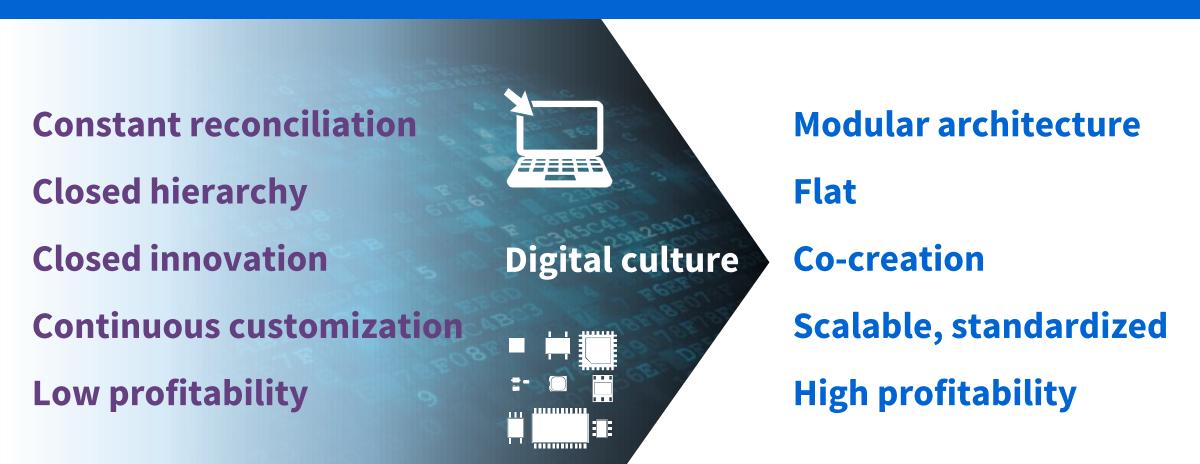
Gains from Digital Innovation

Use digital transformation to add value to all business fields



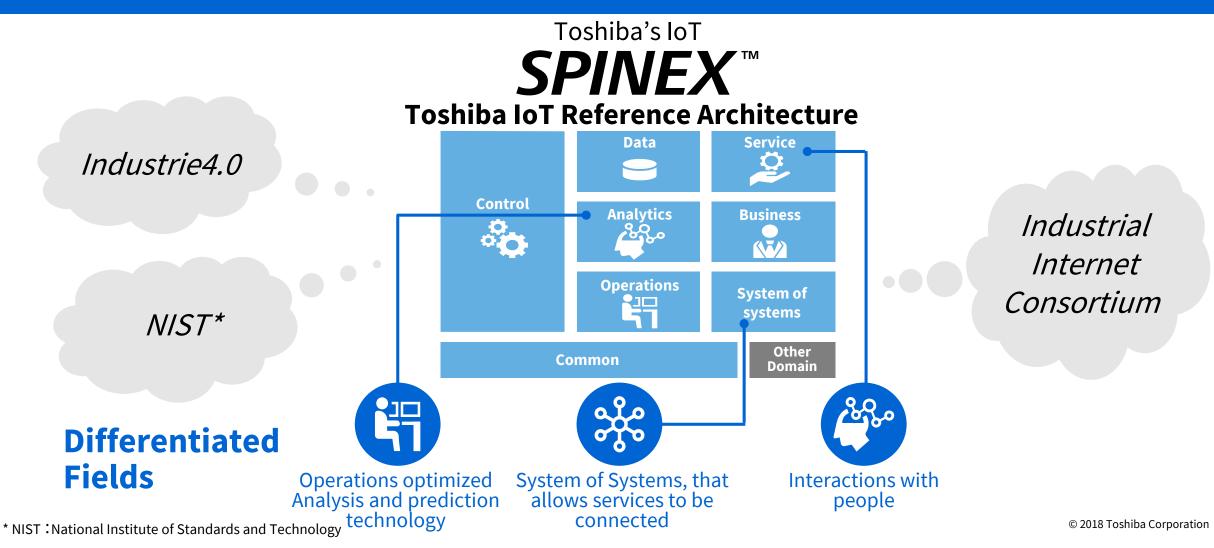
Implementation of Digital Culture

Transform Toshiba by implementing digital culture throughout the organization



Implementing Toshiba's IoT in Society

Applied extensive practical knowledge to create standardized IoT architecture and technology as an open source, available to all



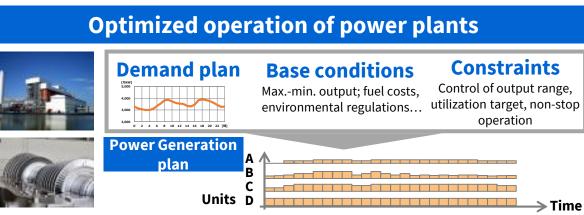
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Combine Cyber and Physical technologies

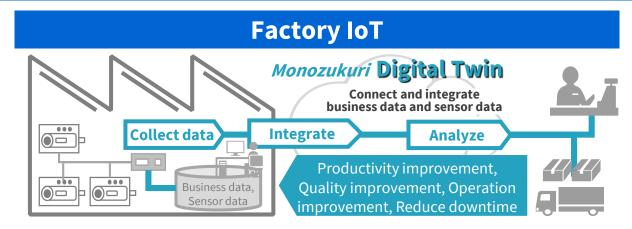
SPINEX[™]

New services backed by extensive experience and digitization

POS data



Formulate cost effective generation plan for multiple generation units, considering constraints and operational conditions



Visualize 5M1E^{*2}, and upgrade manufacturing by advanced analysis on causal



Provide added-value services from proposals on new and replacement installation to high end maintenance and operation, by sharing BIM information with customers



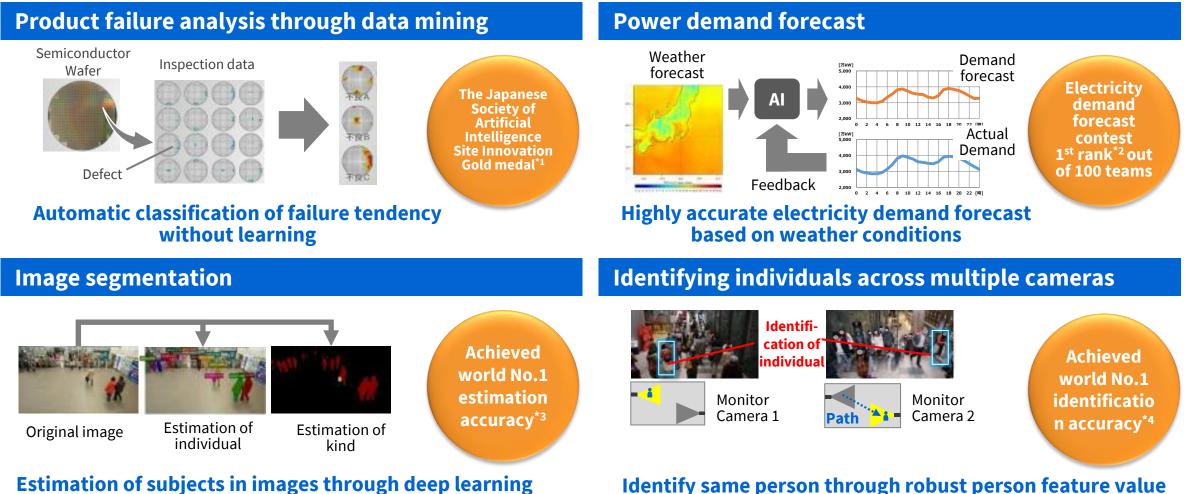
Smart receipt

Provide data services backed on consolidated platform

*1:BIM (Building Information Modeling): Building database, which add customer information on 3 dimension digital model of buildings *2: Capital letter for quality valuation factor in manufacturing business, Man, Method, Measurement, Material, Machine, Environment

AI Technology as a Source of Competitiveness

Develop competitive technologies awarded by third parties



Estimation of subjects in images through deep learning

*1: https://www.toshiba.co.jp/rdc/detail/1706_04.htm (FY2016) *2: https://www.toshiba.co.jp/about/press/2017_11/pr_j0801.htm (FY2017/Tokyo Electric Power Holding) *3: Viet Pham, et al., "BiSeg: Simultaneous Instance Segmentation and Semantic Segmentation with Fully Convolutional Networks," 28th British Machine Vision Conference, 2017. *4: Shibata, et al., "AI technology that uses video feeds from multiple surveillance cameras to track the movements of people," Meeting on Image Recognition and Understanding, 2017.

Toshiba's Vision for the new IoT as a leading CPS Technology Company



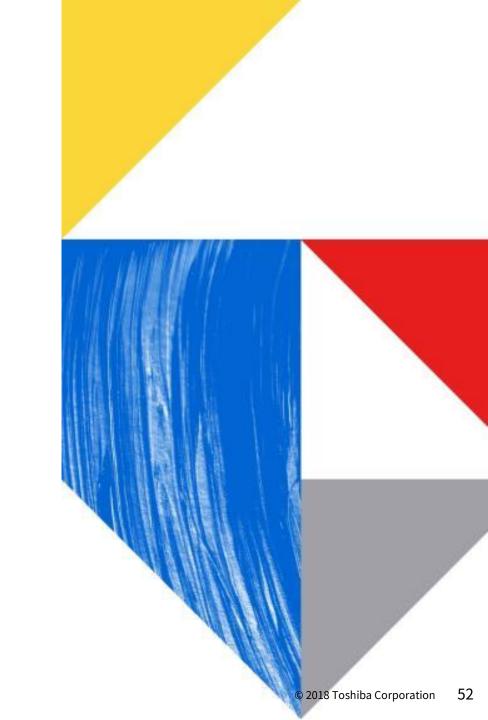
The knowledge and experience Toshiba has gained from the real world



The Toshiba Next Plan

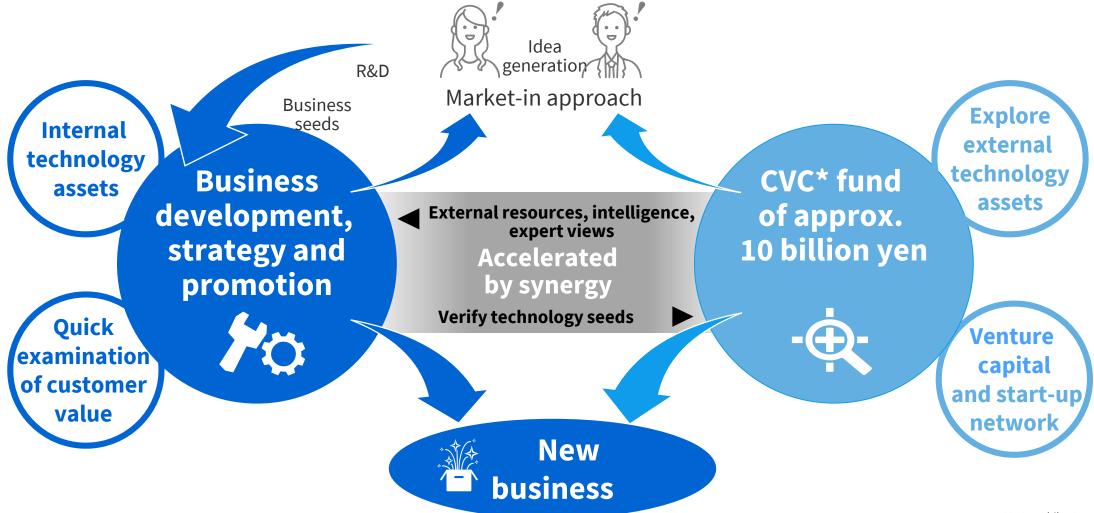
Establishing the

Structure for Execution



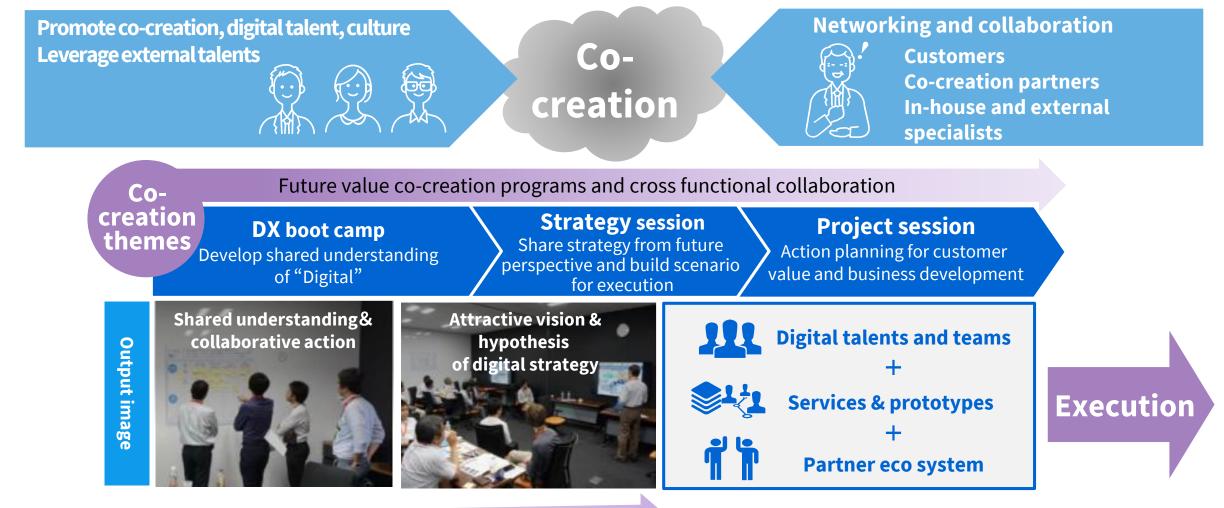
Concept: Open Incubation Initiative

Harnessing venture spirit, incubating new businesses



Cultivation of Co-creation and Digital Talent

Cultivate boundary-breaking talent to accelerate digital transformation



Team building & Engagement

The Next Generation Project

24 talented young employees share ideas on how to grow Toshiba



Realizing the way to the next step forward

Group-wide Reorganization

Reevaluate organizations for execution of the Toshiba Next Plan

Consolidation of business units Simplification of the hierarchy

Reorganize and consolidate business units

Slim-down the corporate staff

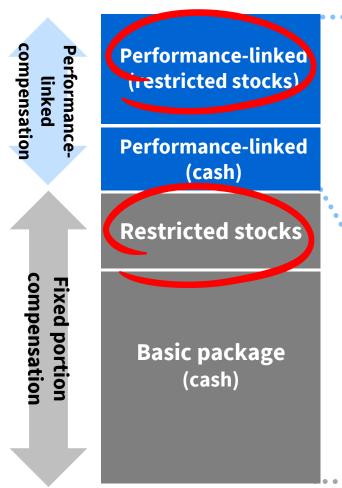
Consolidate staff functions

Strengthen business operating structure

Accelerate decision making

Executive Officer Compensation System

Change to compensation system aligned with maximizing mid-to-long term enterprise value. Over 50 % of performance-linked compensation to be paid in restricted stocks.



Add ROS and capital efficiency etc. as performance measurement to current evaluation of cash flow vs. budget

Reflect TSR^{*} in performance-linked compensation

55-80% (depending on position) of performance-linked compensation to be paid in restricted stocks

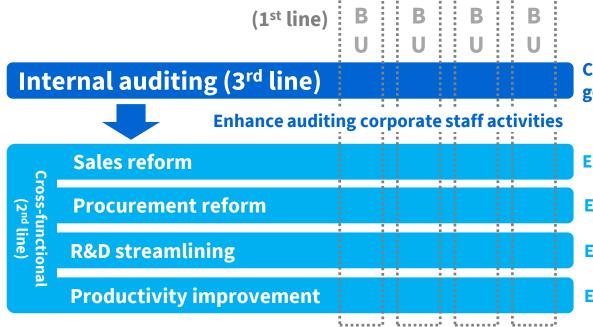
Increase the ratio of fixed compensation made up of restricted stocks Change to a compensation system that helps to realize the Toshiba Next Plan and incentivizes sustainable growth

Enhance Internal Control

Strengthen internal control functions with the "2nd and 3rd lines*" of defense

Continue effective risk management, process controls, group governance, compliance (3rd line)

Expand use of cross-functional activities (2nd line) to strengthen checks, balances and monitoring



Continue effective risk management, process controls, group governance, compliance

Expand sales network, sales price, entertainment expense management

Expand procurement cost and process management

Expand R&D cost portfolio management

Expand Base optimization, productivity improvement

* The three defense lines include the department that monitors risk (2nd line) and the department that gives reasonable assurances to the board of directors (3rd line) © 2018 Toshiba Corporation 58

Establish a Structure to Effectively Execute the Toshiba Next Plan

Develop a structure and system for realizing the Toshiba Next Plan

Toshiba Group's philosophy

Beliefs and values shared by all Group employees • Basic Commitment of The Toshiba Group

•Our Purpose •Our values

Toshiba's "Ten Guides to Action"

Guiding principles for execution of the Toshiba Next Plan

Our goalsOur peopleOur *monozukuri*Our organization

Deployment of "My Next Plan"

Propagation of transformation to entire the Toshiba Group

From top management to executives and then to all employees
Make targets cascade down to realize a sense of ownership

Reevaluation of the personnel system

A system that rewards behavior working toward achieving targets, and results

- •Actively assign people who can take on challenges
- •A varied personnel system that is linked to performance/ and results

A mindset that encourages every employee to have a sense of ownership for the Toshiba Next Plan

Share a determination and commitment throughout the organization to definitely achieve goals

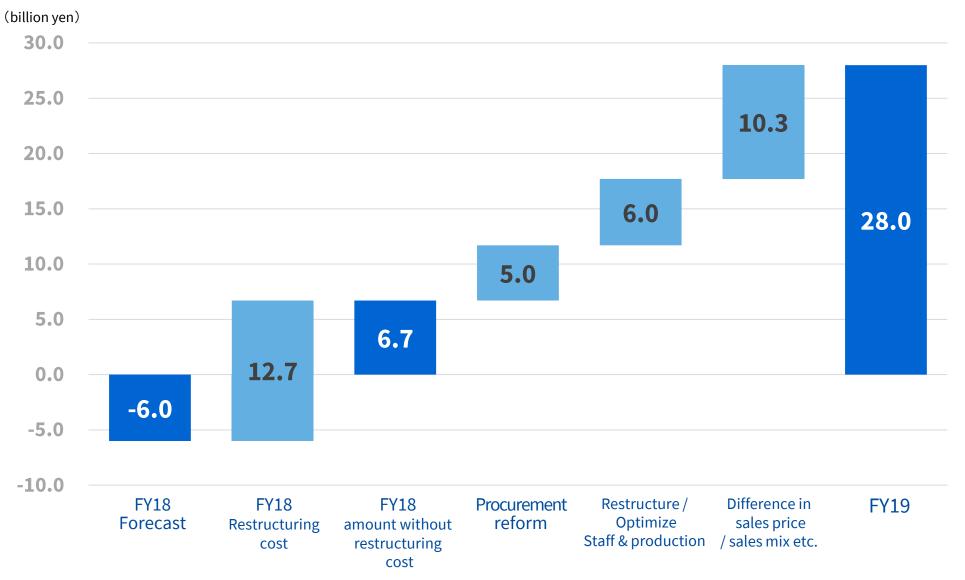
An open minded culture that supports a healthy and sustainable growth model

Committed to People, Committed to the Future

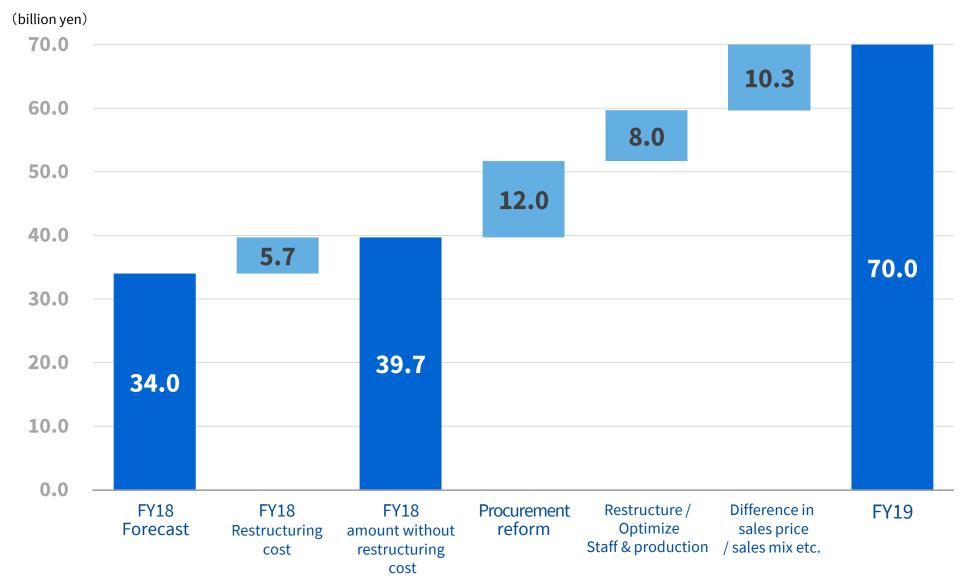
Appendix



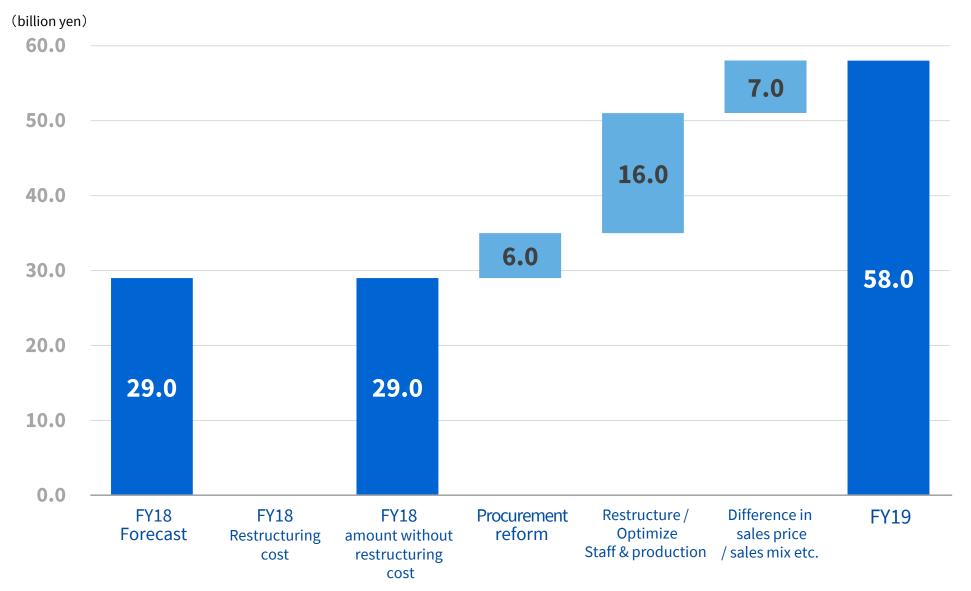
Improvement Plans for Energy Systems' Operating Profit (FY18 \rightarrow FY19)



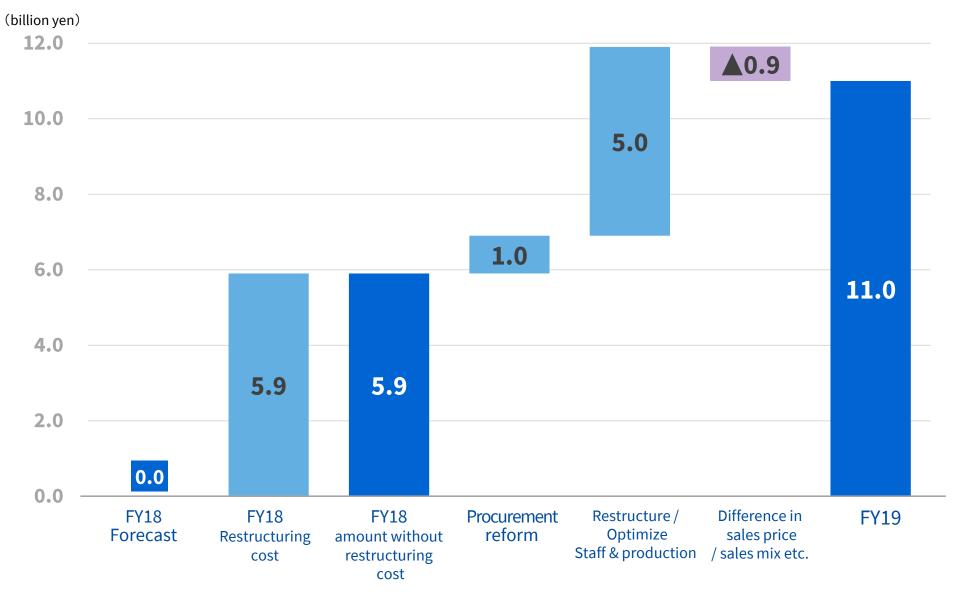
Improvement Plans for Infrastructure Systems' Operating Profit (FY18 \rightarrow FY19)



Improvement Plans for Storage & Devices' Operating Profit (FY18 \rightarrow FY19)



Improvement Plans for Industrial ICT's Operating Profit (FY18 \rightarrow FY19)



Plan by Segments (Energy Systems)

Energy Systems	FY18	FY19	FY21
Revenue	650.0	610.0	640.0
Operating income	-6.0	28.0	52.0
EBITDA	4.0	39.0	64.0

Nuclear Power	FY18	FY19	FY21
Revenue	171.3	170.0	180.0
Operating income	6.5	13.0	17.0
EBITDA	8.0	15.0	19.0

T&D	FY18	FY19	FY21
Revenue	218.7	220.0	240.0
Operating income	3.5	12.0	18.0
EBITDA	5.8	15.0	21.0

Thermal & FY18 FY19 FY21 Hydro Revenue 277.3 230.0 230.0 Operating -8.7 8.0 19.0 income EBITDA -3.2 15.0 25.0

Plan by Segments (Infrastructure Systems)

Infrastructure Systems	FY18	FY19	FY21
Revenue	1,260.0	1,270.0	1,490.0
Operating income	34.0	70.0	121.0
EBITDA	54.0	93.0	152.0

Public Infrastructure	FY18	FY19	FY21
Revenue	397.3	410.0	440.0
Operating income	18.3	27.0	34.0
EBITDA	22.3	32.0	40.0

Building & Facilities	FY18	FY19	FY21
Revenue	566.7	600.0	690.0
Operating income	14.1	30.0	48.0
EBITDA	24.3	42.0	62.0

Rail & Industrial **FY18** FY19 FY21 **Systems** Revenue 375.9 390.0 520.0 Operating 2.3 13.0 39.0 income EBITDA 8.0 50.0 19.0

Plan by Segments (Storage & Devices)

Storage & Devices	FY18	FY19	FY21
Revenue	870.0	860.0	940.0
Operating income	29.0	58.0	82.0
EBITDA	51.0	82.0	111.0

Semiconductors	FY18	FY19	FY21
Revenue	365.5	380.0	420.0
Operating income	16.4	36.0	51.0
EBITDA	34.4	55.0	73.0

HDD and others	FY18	FY19	FY21
Revenue	504.5	480.0	520.0
Operating income	12.6	22.0	31.0
EBITDA	16.6	27.0	38.0

Plan by Segments (Industrial ICT)

Industrial ICT	FY18	FY19	FY21
Revenue	250.0	240.0	260.0
Operating income	0.0	11.0	20.0
EBITDA	3.0	14.0	23.0

Retail & Printing	FY18	FY19	FY21
Revenue	480.0	510.0	540.0
Operating income	19.0	22.0	29.0
EBITDA	27.0	31.0	38.0