

**Toshiba Next Plan Progress Report** 

# Moving on to Growth

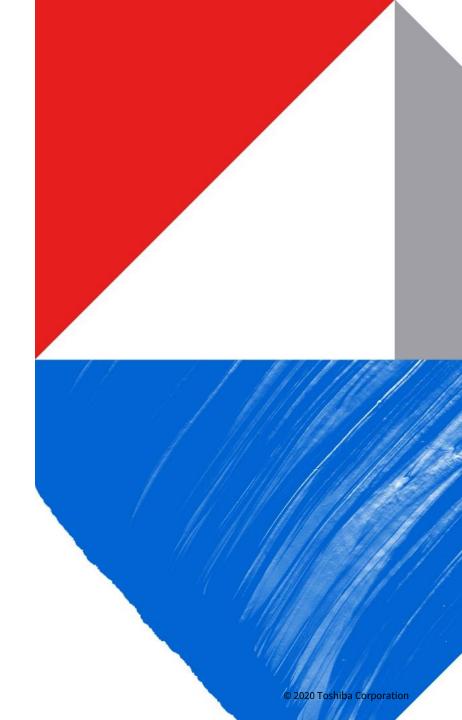
-Towards Phase 2 & 3 of Growth-

November 11<sup>th</sup>, 2020

## Nobuaki Kurumatani

**President & CEO** 

**Toshiba Corporation** 



## **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 which have not been finalized at this point and future plans which have yet to be confirmed or 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 which include, but are not limited to, those related to economic conditions, worldwide mega-competition in the electronics business, customer demand, foreign currency exchange rates, tax and other regulations, geopolitical risk, and natural disasters. Toshiba therefore wishes to caution readers that actual results may differ from our expectations. Please refer to the annual securities report (*Yuukashoken houkokusho*) and the quarterly securities report (*shihanki houkokusho*) (*both issued in Japanese* only) for detailed information on Toshiba Group's business risk.
- Toshiba's fiscal year runs from April 1 to March 31. All figures are consolidated totals for 12 months, unless stated otherwise.
- Results in segments have been reclassified to reflect the current organizational structure, unless stated otherwise.
- Since Toshiba is not involved in the management of Kioxia Holdings (former Toshiba Memory Holdings, hereinafter "Kioxia") and is not provided any forecasted business results, Toshiba Group's forward-looking statements concerning financial conditions, results of operations, and cash flows do not include the impact of Kioxia.

# 01. Progress in FY2020 02. Progress of the Toshiba Next Plan 03. ESG Enhancement Policy 04. Financial Management Policies

## **Executive Summary**

## Progress in FY2020

- 1H Results: Core operating income buoyant, +21.9 B yen from last year
- Full-year forecast: Confident on achieving core operating income 220.0 B yen
- COVID-19 impact: 1H -70.2 B yen, Full year -90.0 B yen
- Monitored business: Progress in restructuring of System LSI, Printing

## The Toshiba Next Plan

- Phase 1: FY18 → FY25, improved marginal profit +9%, fixed cost -130.0 B yen
- Phase 2: Strong growth with infrastructure service as core
- Phase 3: Next generation business model as CPS Technology Company

## Sustainable Growth

ESG: Enhancing activities driven by our management philosophy
Capital Allocation: Disciplined growth investment

# 1. Progress in FY2020

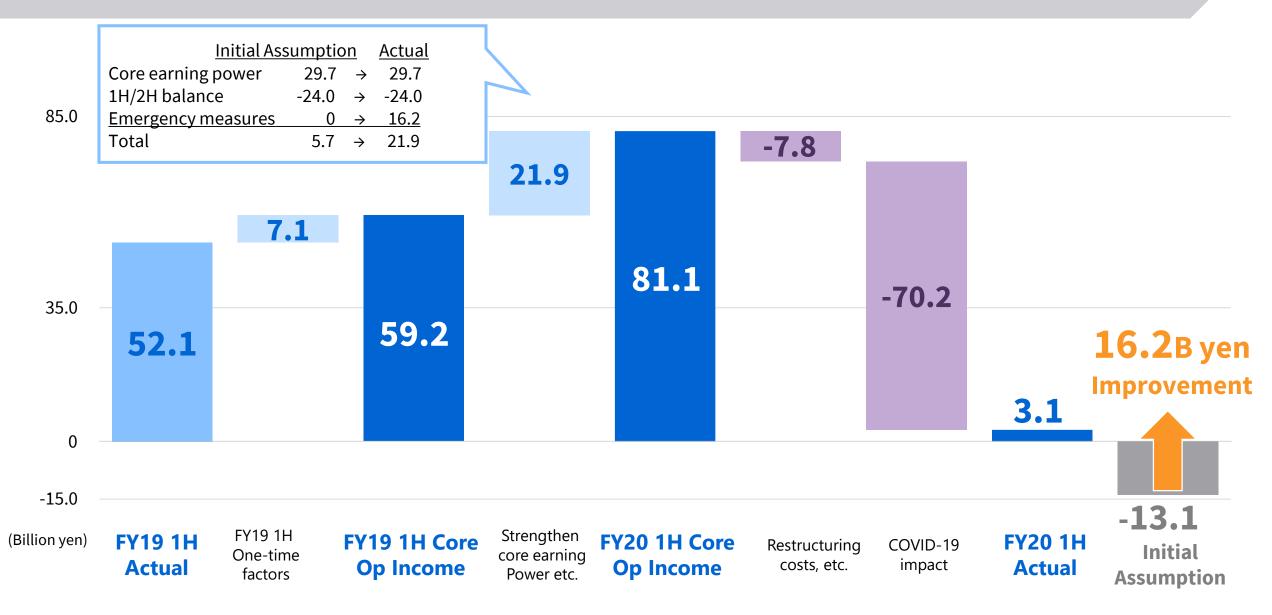
## **FY20 1H Consolidated Results**

## Core Operating Income buoyant, +21.9 B yen from last year

	FY20 1H Results	FY19 1H Results	Difference
Net Sales	<b>1.37</b> T yen	<b>1.71</b> T yen	- <b>0.34</b> T yen
Core Operating Income <sup>*1</sup> (ROS%)	<b>81.1 B yen</b> (5.1%)	<b>59.2 B yen</b> (3.5%)	<b>+21.9 B yen</b> (+1.6%)
Restructuring Cost	-7.8 B yen	- <b>7.1</b> B yen	-0.7 B yen
COVID-19 Impact	-70.2 B yen		-70.2 B yen
<b>Operating Income</b> (ROS%)	<b>3.1 B yen</b> (0.2%)	<b>52.1 B yen</b> (3.0%)	- <b>49.0 B yen</b> (-2.8%)
EBITDA <sup>*2</sup> (EBITDA%)	<b>45.2</b> B yen (3.3%)	<b>92.5 B yen</b> (5.4%)	-47.3 B yen (-2.1%)

\*1: Operating income excluding restructuring charges and the impact of the COVID-19 \*2: EBITDA = Operating income + Depreciation and amortization

## **Operating Income Analysis: FY20 1H vs FY19 1H**



## **COVID-19 Impact on Operating Income in FY20 1H**

Segment	Main reasons	Impact
Devices & Storage	Delay in installation of semiconductor manufacturing equipment in China, decrease in HDD factory capacity utilization, decrease in demand for devices for in-vehicle semiconductors, etc.	- 30.9 billion yen
<b>Retail &amp; Printing</b>	Decrease in demand of MFP and POS systems, restriction in sales activities, etc.	- 15.0 billion yen
Buildings	Project delays, delays in manufacturing and installation work, etc.	- 8.3 billion yen
Energy Systems	Delays in manufacturing and installation work, decrease in capacity utilization at overseas manufacturing sites etc.	- <b>4.4</b> billion yen
Others		- 11.6 billion yen
Total		- 70.2 billion yen

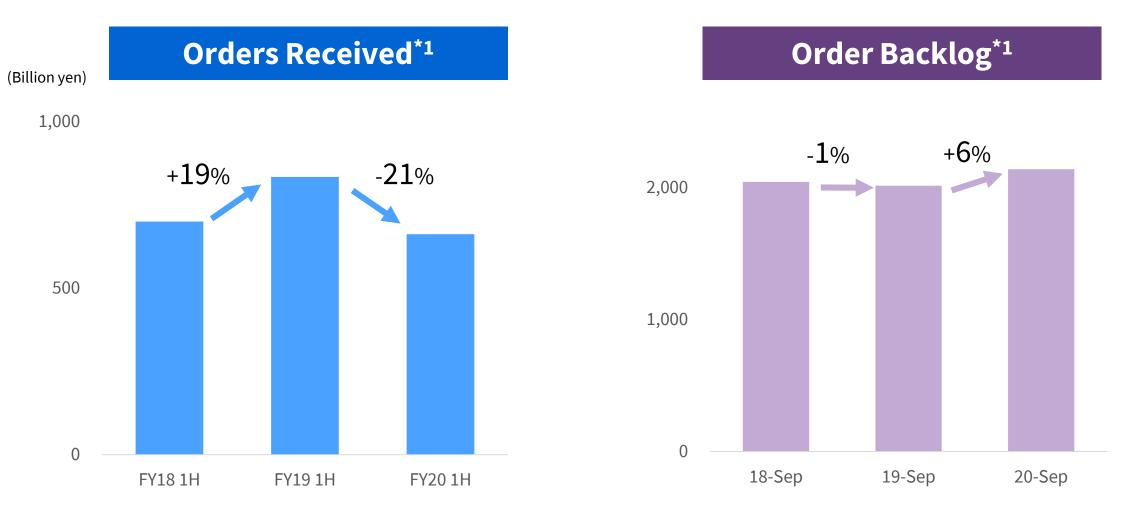
## **Free Cash Flow**

## Free cash flow improved significantly compared to last year

(Billion Yen)	FY20 1H	FY19 1H	Difference
<b>Operating</b> <b>Cash Flow</b> (excl. one-time factors)	<b>55.5</b> (71.3)	<b>-80.9</b> (46.9)	<b>+136.4</b> (+24.4)
Investment Cash Flow	-48.4	-61.2	+12.8
Free Cash Flow	7.1	-142.1	+149.2

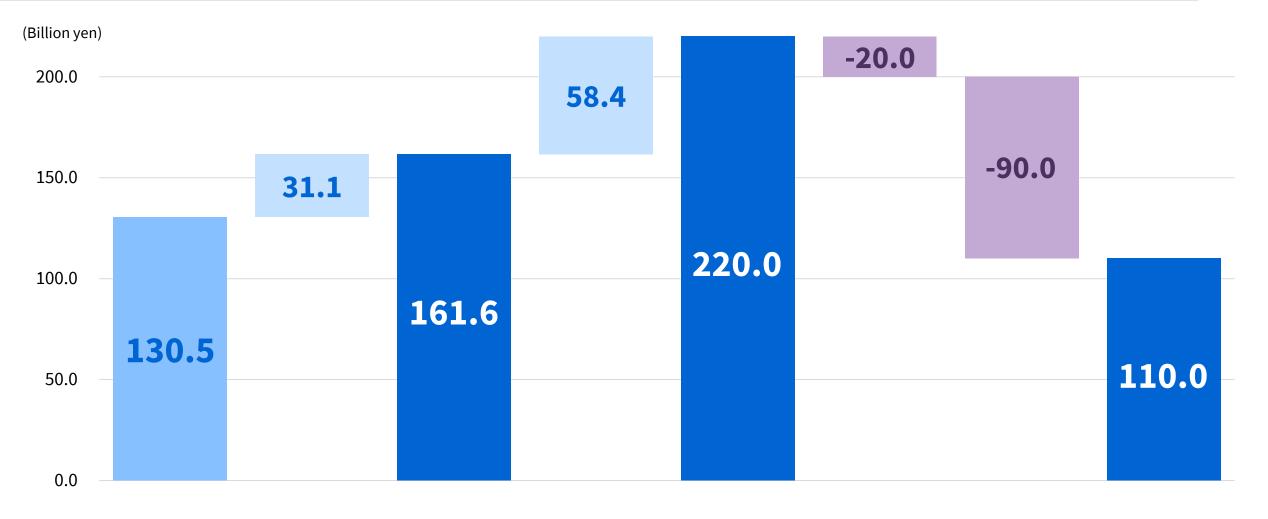
## **Orders Received**

# Orders received have been stable despite the COVID-19 pandemic, with an increase in order backlog.



\*1: Scope includes following 4 segments; Energy Systems & Solutions, Infrastructure Systems & Solutions, Digital Solutions, and Elevator (Building Solutions)

## **Operating Income Analysis: FY20 vs FY19**

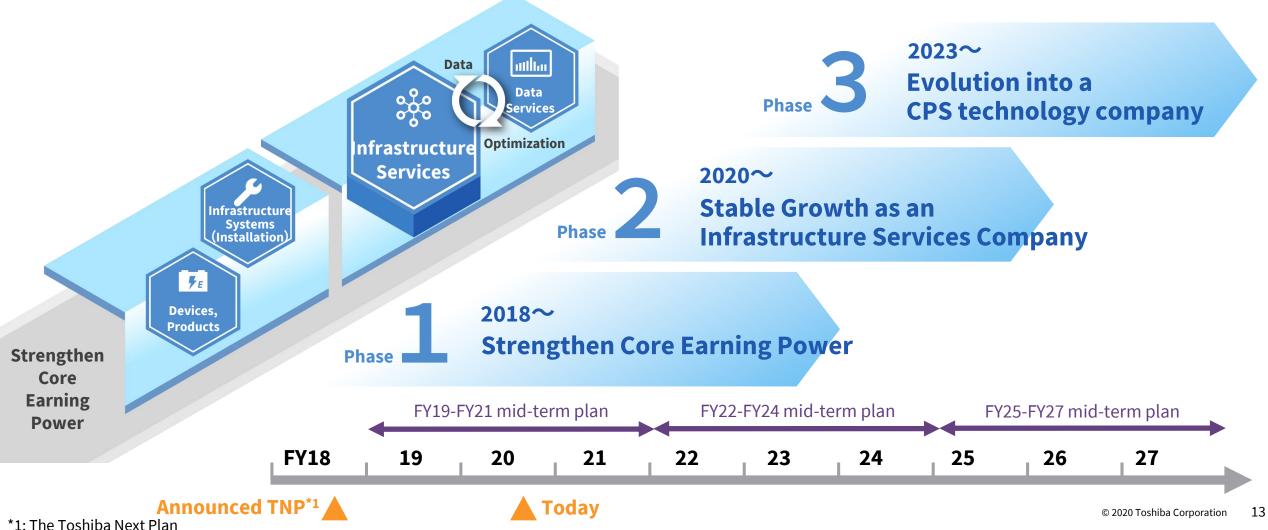




## 2. Progress of the Toshiba Next Plan

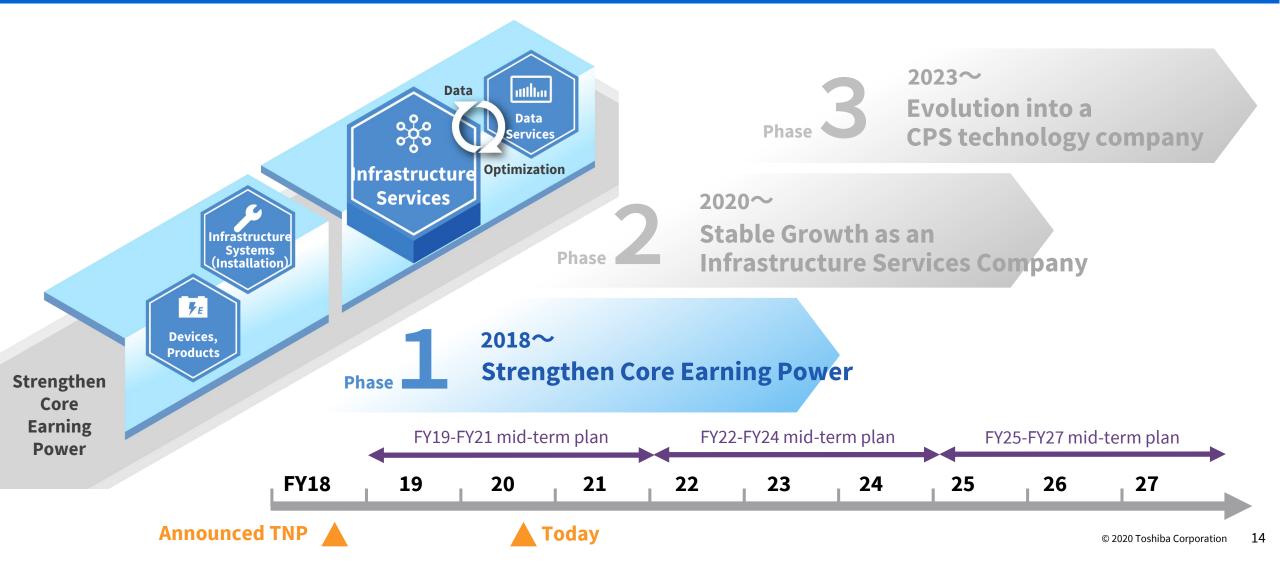
## **Overview of the Toshiba Next Plan - Growth in 3 Phases**

## **Currently completing Phase 1 and starting Phase 2**



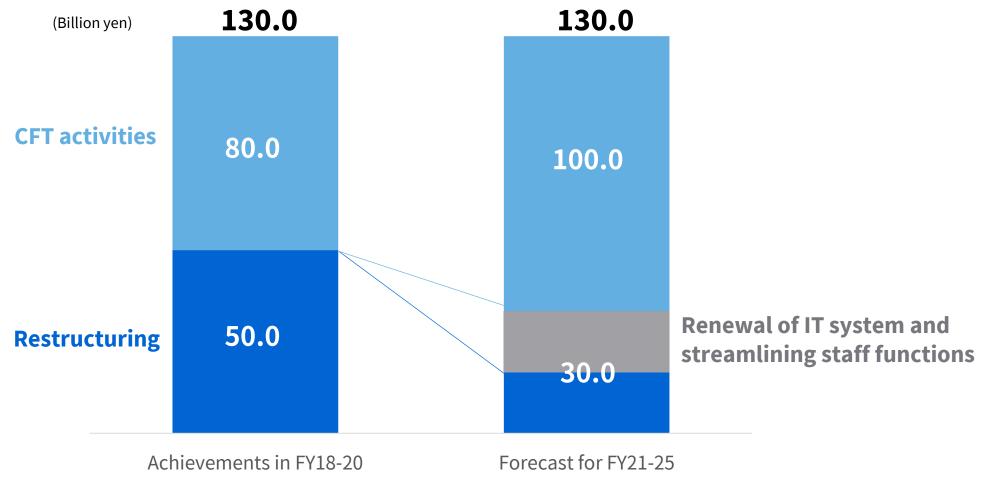
## **Progress in the Toshiba Next Plan**

## **Phase 1: Strengthen Core Earning Power**



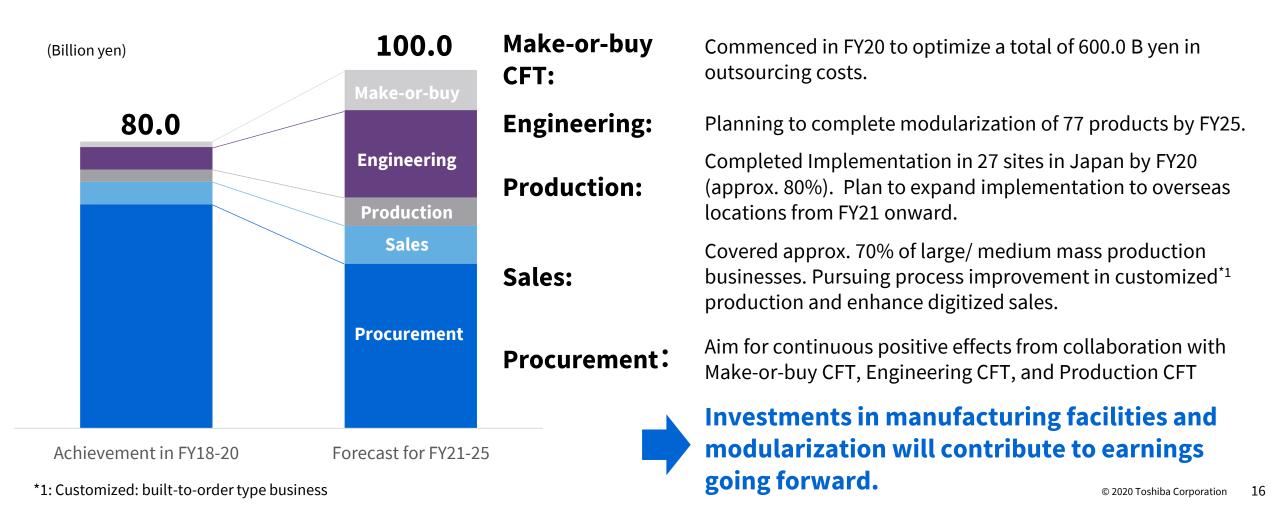
## **Phase 1 Achievements and Outlook**

## Achieved 130 billion yen improvement in profitability up to FY20, and forecasting the same amount of improvement by FY25



## **CFT Activities**

Full contributions from Engineering and Production CFT will appear from FY21. Combined with the new Make-or-buy CFT, we expect total impact of 100 billion yen.



## **Restructuring and Renewal of IT System**



	50.0 в	<b>30.0</b> E
	FY18~20 yen	FY21~25 yen
Portfolio management	<ul> <li>Exit from non-core business: Completed</li> <li>✓ LNG business</li> <li>✓ Overseas nuclear construction</li> </ul>	<ul> <li>Continue implementation of "business monitoring"</li> </ul>
Subsidiary reduction	<ul> <li>Expected to be achieved in advance</li> <li>✓ Reduction target of 25% out of 365 companies<sup>*1</sup></li> <li>✓ Progress rate 80% (72 companies)</li> </ul>	<ul> <li>Pursue further reduction         <ul> <li>✓ Considering integration of 50% of the 388 companies<sup>*2</sup></li> </ul> </li> </ul>
Headcount optimization	<ul> <li>● Goal to "reduce headcount by 7,000" progressing as planned<sup>*3</sup></li> <li>✓ Aiming to reduce headcount by 10,000 by the end of FY20, through additional restructuring and reduction of subsidiaries, etc. in addition to the initial plan.</li> </ul>	<ul> <li>Renewal of IT system</li> <li>Reduction of system-related expenses</li> <li>Streamlining the</li> </ul>
Digitization	• Operation Standardization: Achieved 97%	administrative divisions

\*1: The scope includes 365 companies excluding Toshiba Memory (current Kioxia), and listed companies as of the end of March 2018. (Including equity method affiliate companies) \*2: Consolidated companies as of the end of March 2018 including Toshiba TEC, Nishishiba Electric, New Flare Technology, Toshiba Plant Systems and 14 new companies established during 2018-2020. (Excluding minority shareholding companies) \*3: 129,234 at the end of September 2018 excluding PC business; 123,385 at the end of September 2020.

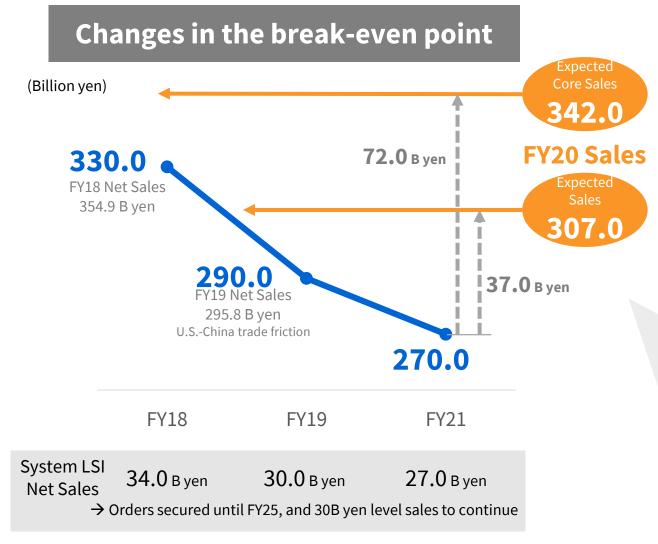
## Status of the monitored businesses, towards FY21

	ROS 5% Criteria	Status
System LSI	X	<ul> <li>Withdrawal from System LSI business (support for existing products will continue)</li> <li>Implemented early retirement program, with an expected profit improvement of 15.0 B yen in FY21</li> </ul>
HDD	0	<ul> <li>Expecting to achieve 6% core operating income in FY20</li> <li>Closely watching potential negative impacts from COVID-19 and U.SChina trade frictions</li> </ul>
<b>Thermal</b> (Construction)	0	<ul> <li>Expanded the relative size of the service business; FY17: 33%         → FY20: 47%</li> <li>Fixed cost reduction: -24% from FY17 to FY20</li> <li>Expecting to achieve 5% core operating income in FY20</li> </ul>
<toshiba tec=""> <b>Printing</b></toshiba>	<b>^</b> *1	<ul> <li>Achieving progress in the restructuring of the Printing business</li> </ul>

\*1: Effects of restructuring efforts will be confirmed and monitoring will be continued until all criteria are consistently met over time.

## Semiconductor Business, Heading towards FY21

Secured more than 5% ROS despite the market contraction caused by the COVID-19 pandemic

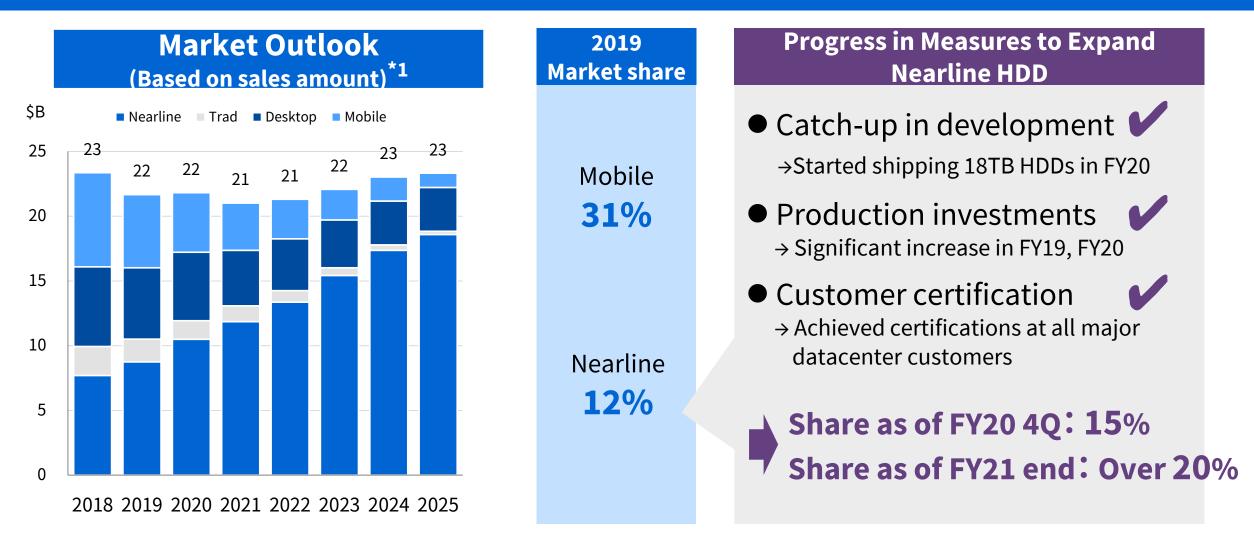


#### Measures to lower the break-even point

- Improve the marginal profit ratio
  - $\rightarrow$  Withdraw from unprofitable transaction and products
  - → Effects from Procurement CFT, Production CFT, and Make-or-buy CFT
- Reduce Fixed cost
  - $\rightarrow$  Withdraw from R&D related to System LSI
  - → Integrate divisions and reduce headcount
  - $\rightarrow$  Expand OEM production for other companies
- Expand sales with a focus on strong products
   → Focus to power saving demands such as power devices
  - (Low-pressure MOSFET<sup>\*1</sup>) and motor control products
  - → Strengthen framework to overseas sales expansion (Share of low-pressure MOSFET: Japan 31%, Overseas 3%<sup>\*2</sup>)

## HDD Business, Heading towards FY21

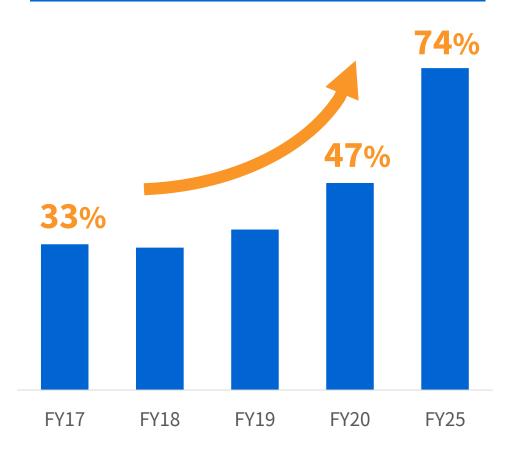
## **Pursuing a solid turnaround for Nearline HDD**



## **Thermal Power Business, Heading towards FY21**

## Significant shift from construction to service

## **Expanding the Service Ratio**



#### **Progress in Expanding the Service business**

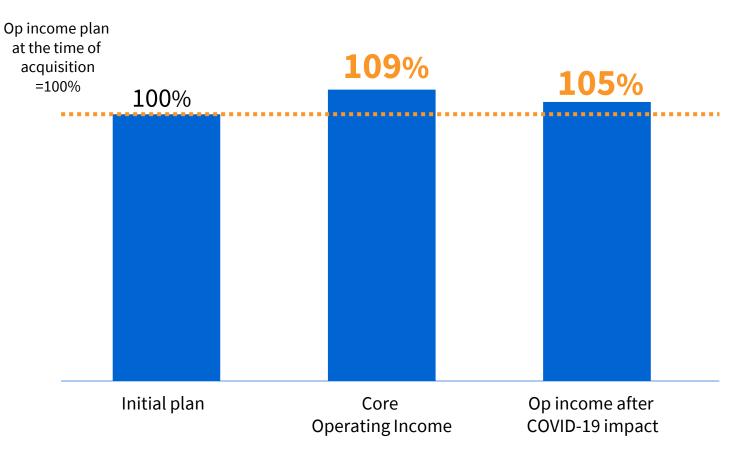
- Increase in the service ratio FY17:  $33\% \rightarrow FY20: 47\% \rightarrow FY25: 74\%$
- Fixed cost reduction: -24% (FY17→FY20)
   → Staffing, optimizing of manufacturing sites
- Concentration of engineering resources
  - → Engineers gathered at Keihin works
  - → Consider merging functions with Toshiba Plant Systems

FY20 Core Operating Income: over 5%

## **PMI**<sup>\*1</sup> on privatized listed subsidiaries

## Surpassing profit target at the time of acquisition, further accelerate synergy

## Status of FY20 (3 Companies Total)



## Activities to pursue synergy

#### **Toshiba Plant Systems**

- Fixed cost reduction by system integration etc.
- Function integration such as engineering

#### **NuFlare Technology**

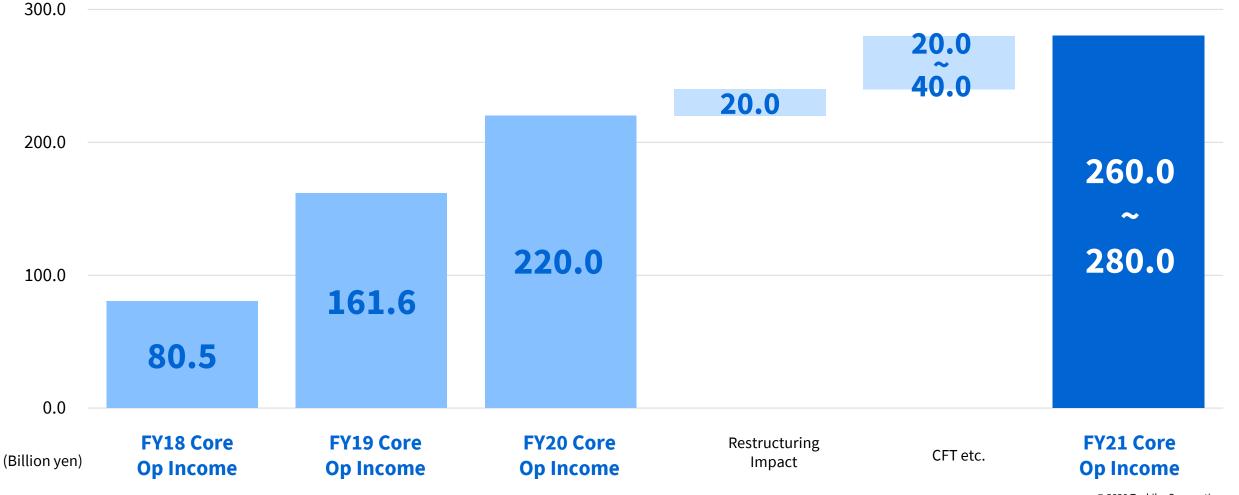
• Accelerate development of new generation machine

#### Nishishiba Electric

 Enhance collaboration by extending sales channel and procurement

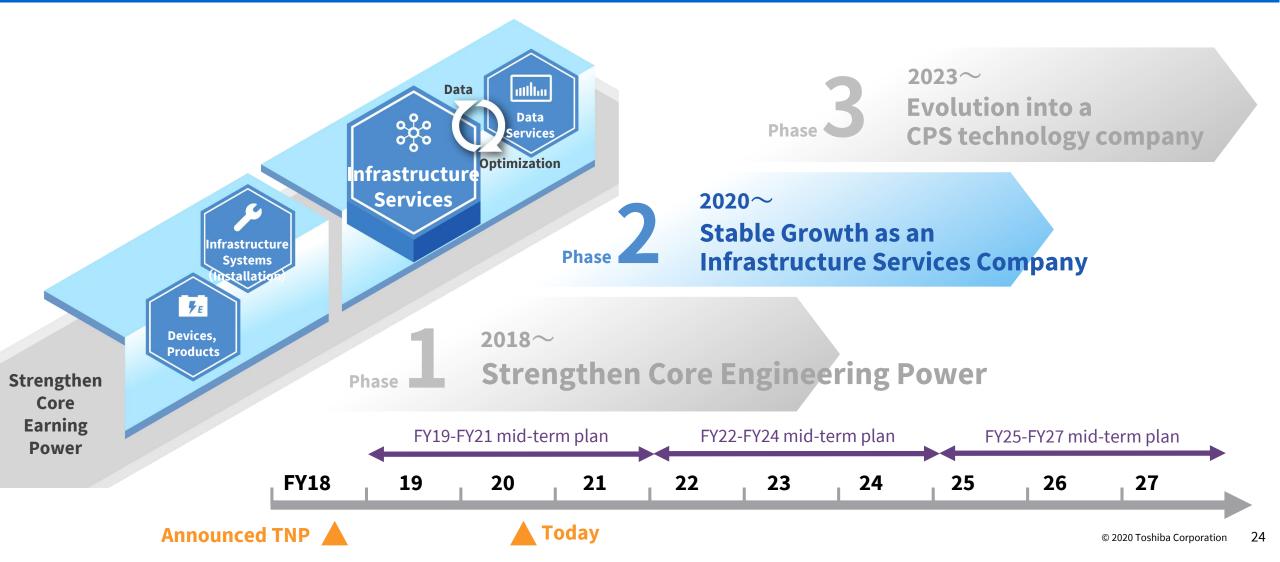
## Towards the Achievement of FY21 Targets in the Toshiba Next Plan

FY 21 targets in the Toshiba Next Plan will be left unchanged, as steady profit improvement has been achieved despite COVID-19



## **Progress in the Toshiba Next Plan**

## Phase 2: Stable Growth as an Infrastructure Services Company



## **FY25 Mid-term Targets**

## FY25 Targets: Sales 4 trillion yen, ROS 10%, ROIC 12%, ROE 15%

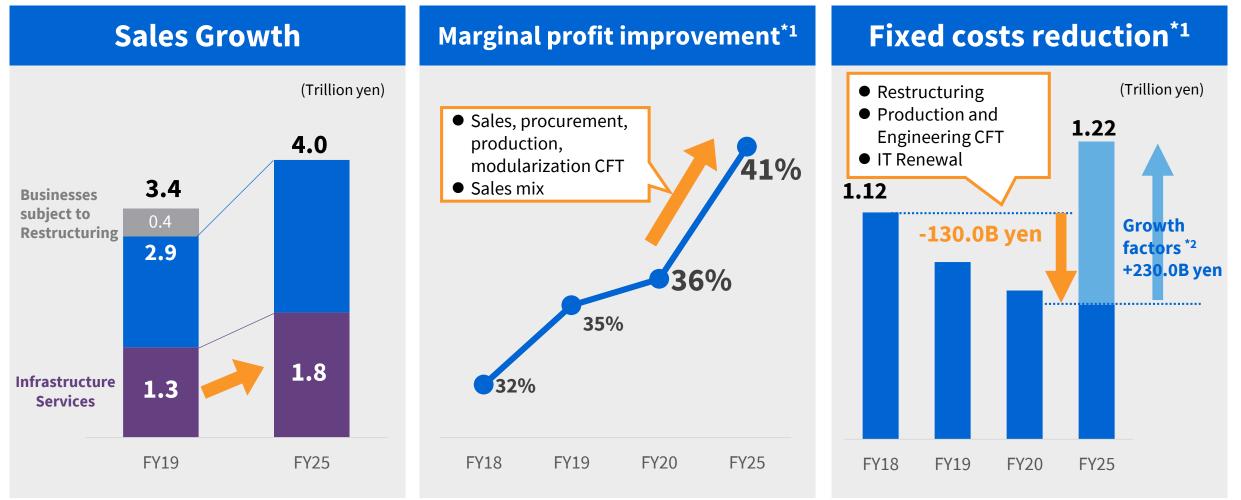
	FY18 Results	FY19 Results	FY20 Forecast	FY25 Targets
Net Sales	<b>3.7</b> T yen	<b>3.4</b> T yen	<b>3.1</b> T yen	<b>4.0</b> T yen
Core Operating Income <sup>*1</sup> (ROS%)	80.5 B yen (2.2%)	161.6 B yen (4.7%)	220.0 B yen (6.5%)	<b>400.0 B yen</b> (10%)
<b>Operating Income</b> (ROS%)	35.4 B yen (1.0%)	130.5 B yen (3.8%)	110.0 B yen (3.6%)	<b>400.0</b> B yen (10%)
EBITDA*2	113.9 B yen	210.1 B yen	195.0 B yen	530.0 B yen
ROIC <sup>*3</sup> ROE	1% Negative	Negative Negative	6% 5%	12% 15%

\*1: Excluding restructuring charges and the impact of the COVID-19 from operating income

\*2: EBITDA = Operating income + depreciation and amortization expenses \*3: ROIC = Profit and loss before tax × (1 - tax rate) ÷ (net interest bearing debt + net asset)

## **Profit Structure Targeted for FY25**

Aiming to achieve growth with a focus on infrastructure services by continuing efforts to strengthen core earning power.



\*1: Marginal profit, fixed cost is core based figures. \*2: Increase in fixed costs of acquired companies +80 billion yen, costs for business volume increase +150 billion yen

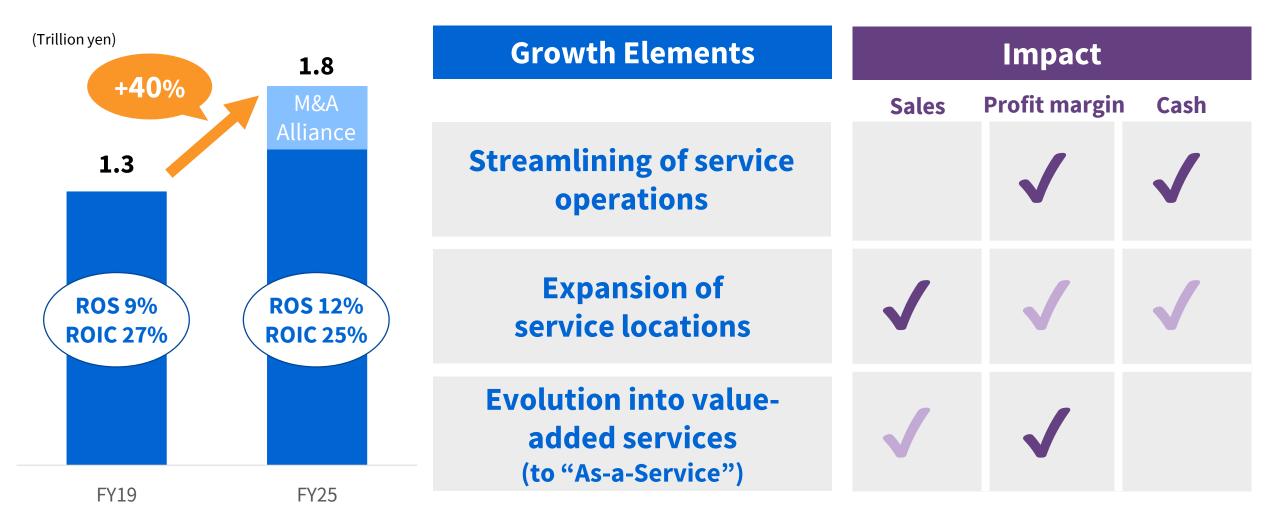
## **Forecast by New Segments**

New Segment <sup>*1</sup>		FY18	FY19	FY20	Difference
Infrastructure Services	Sales *2 Op Income*2 (ROS) ROIC*3	1.28T yen 90.0 B yen (7%) 22%	1.29T yen 120.0B yen (9%) 27%	1.29T yen 120.0B yen (9%) 26%	0% OB yen (0%) -1%
Infrastructure Systems	Sales Op Income (ROS) ROIC	0.75T yen 10.0B yen (2%) 9%	0.79T yen 30.0B yen (3%) 9%	0.78T yen 50.0B yen (6%) 9%	-1% +20.0B yen (+3%) 0%
<b>Devices Products</b>	Sales Op Income (ROS) ROIC	1.18 T yen 30.0 B yen (3%) 16%	0.97T yen 40.0B yen (4%) 8%	1.03T yen 80.0B yen (8%) 9%	+6% +40.0 B yen (+4%) +1%

\*1: The new segments are based on simple reclassification of current segment by splitting some figures. This excludes a part of common fee, monitored businesses and one time costs. \*2: Sales and operating income figures are core-based. \*3: ROIC figures include COVID-19 impact and restructuring costs. Figures before FY19 is adjusted to compare with FY20, such as impact on pre-deposit, loss-making contracts, subcontract act. ROIC= Profit and loss before tax × (1 - tax rate) ÷ (net interest bearing debt + net asset)

## **Growth of Infrastructure Services**

## In Phase 2, Infrastructure Services will be the core pillar for growth



## **Growth of Infrastructure Services (By expansion style)**

Area Coverage Type Service that covers large number of customers base on area Service that covers key specific infrastructures, including full-time onsite support						
	Bldg. relate Sites in Japan (Service staff: app	680 sites	En	Sites in Jap	<b>pan 90 sites</b> approx. 7,500 ppl)	
	Rapid re	sponse, cost	Competitiveness	Technology	and operatio	on-related proposal capa
∼30 years			Service term	Over 30 years		
Remote monitoring, IT equipment, multi-skill development Consolidation of service sites, reduction of indirect cost			Streamlining of operation	IoT, AI, Digital Twin etc.		
Growth by enlarging areas to cover new customer locations			Area expansion	Achieve oth Growth by s	er locations ( pread of rene	Technology, M&A) ewable energies
	FY19	FY25	Plan <sup>*1</sup>	FY19	FY25	
Organic growth	570.0	640.0	Net Sales (B yen)	710.0	1,120.0 ┥	M&A: 230.0 B yen Renewables: 100.0 B yen
	7%	12%	ROS (%)	11%	12%	+ Organic growth
	51%	49%	<b>ROIC (%)</b>	22%	20%	

\*1: Net sales and operating income are based on core figures, ROIC calculations include COVID-19 impact and restructuring costs.

## **Steps to Grow Infrastructure Services**

Starting with realizable efficiency improvement and expansion of locations with the future aim of conversion into value-added services

<b>Growth Elements</b>	Growth Drivers	Schedule		
		FY20 FY21 FY22 FY23 FY24		
Streamlining of service operations	<ul> <li>Engage in optimization, enhance skills and improve customer relationship through IT, AI and AR</li> <li>Consolidate administrative functions and streamline locations (770 locations in Japan)</li> </ul>	Reconstruction in the short term		
Expansion of service locations	<ul> <li>Increase new installations and engage in committed implementation of service contracts</li> <li>Expand scope of services to other companies' equipment</li> <li>M&amp;A, alliances</li> </ul>	Sales Growth M&A: 230.0 B yen Renewables: 100.0 B yen Organic: 150.0 B yen efforts (FY21-)		
Evolution into value- added services	<ul> <li>Transition to a profit-share model</li> <li>PPP<sup>*1</sup>, concession</li> <li>Provide new services such as matching services</li> </ul>	PoC <sup>*2</sup> Prioritize establishment of a business model with PoC <sup>*2</sup>		

\*1 Public Private Partnership \*2 Proof of Concept

## **Streamlining Service Operations**

## **Target earnings improvement of 20.0 B yen by FY25**

## **Field Operations**

- Remote Services Operation Center
  - Support worldwide field operation remotely (test-run, electrical test, witness test)
  - ✓ Share site information (know-how, drawing, design)
- Skill enhancement and development of multiple skills by each field engineers
  - ✓ Skill mapping
  - Educational curriculum
  - ✓ Use of VR/AR
- Enhance customer relationship
  - ✓ Extend time spent with customers
  - ✓ Shorten service completion lead-time







#### VR Training on Turbine Rehabilitation

#### Back Office, Administrative Functions

- System standardization
   ✓ Parts management systems etc.
- Site optimization
   Sharing offices and warehouses etc.
- Centralization of administration staffs
  - ✓ General affairs, accounting etc.

## **Expanding Service Area** - Replacements of Competitors' Equipment

America

### Service Map (Track Record)

Japan Approx. **1,500** units **EMEA**, India North & South Approx. **100** units Approx. 200 units Asia, Oceania

Approx. **250** units



Track record of installing over 2,000 units of steam turbine units

## **Steam Turbine Replacement**

#### **Proprietary Location**

Renew 5-10 major units per year in addition to check-up, repair and operational support

#### **Expand to competitor location**

32 units over the Last 10 years

Aim for **100** units to achieve rapid expansion

#### **Differentiating Factors**

- High quality (low-vibration, high-efficiency)
- Advanced technology, such as laser measurement
- Monitoring technology, such as Digital-Twin
- Comprehensive technical capabilities, such as 4. engineering etc.

## **Expanding Service Area** - Opportunities from the Pursuit of Carbon Neutral by 2050

## Many top market share businesses in renewables, Able to comprehensively support carbon neutral

Renewable	Solar Hydro	<ul> <li>Domestic leader in mega-solar installation by market share</li> <li>The world's highest efficiency of new solar energy <sup>*2</sup></li> <li>Domestic leader in power generating equipment (adaptation to FIT)</li> <li>A global leader in adjustable speed pumped storage</li> </ul>	
Energy Geo	Geothermal	<ul> <li>A global leader in power generator turbines</li> </ul>	WW Top tier
	Wind	<ul> <li>Preparing a bid for offshore wind power</li> <li>Planning domestic production of state-of-the-art windmill</li> </ul>	
Energy _	Grid	<ul> <li>Domestic leader in high-voltage transmission equipment and advanced power control systems<sup>3</sup></li> </ul>	Japan No.1
Management	Storage	<ul> <li>A global leader in rapid recharging battery SCiB<sup>™</sup></li> <li>Among the World's largest in P2G (Hydrogen), FH2R<sup>*4</sup>(Fukushima)</li> </ul>	ww No.1
CO <sub>2</sub> _ Utilization	CCUS <sup>*1</sup>	<ul> <li>Started the operation of Large-Scale Carbon Capture Facility in Fukuoka, Japan</li> </ul>	Japan First

\*1: Carbon dioxide Capture, Utilization and Storage \*2: Perovskite solar panel; biggest in size and highest efficiency among film-based modules \*3: Load dispatching center

\*4: Fukushima Hydrogen Research Energy Field : Technology development business with New Energy and Industrial Technology Development Organization (NEDO), Tohoku Electric Power Co., © 2020 Toshiba Corporation Inc., Tohoku Electric Power Network Co., Inc., Iwatani Corporation and Asahi Kasei Corporation.

## **Expanding Service Area** – Expansion of the Renewable Energy Businesses

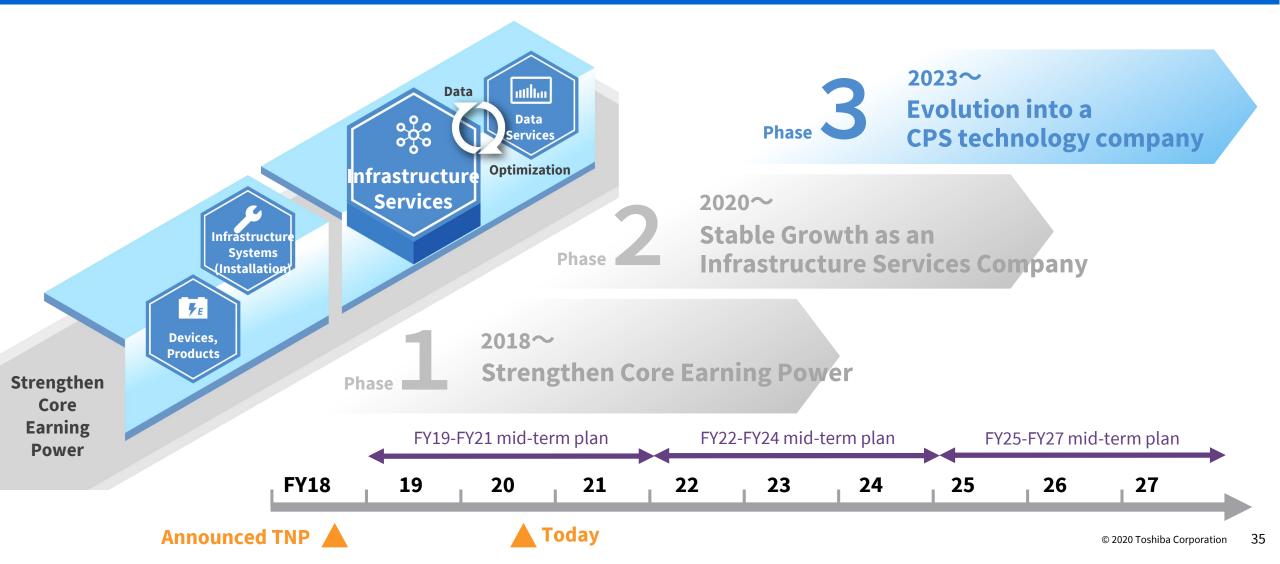
## Targeting 3-fold increase in 10 years, in line with rapid market growth

#### **Expansion in Renewable Energy Investments Toshiba's Renewable Energy Business** (Billion yen) Global Energy-related investments<sup>\*1</sup> Renewable Energy Investment<sup>\*2</sup> required to achieve Paris Agreement targets Required in Japan in the coming decade 1,500 650.0 **Data Service**. Energy New business Storage **50~80** T yen/**10** years •VPP 75% Up •Hydrogen, Utility & Storage Enhance Grid 1.000 Renewables **Storage** 350.0 Infrastructure Services • Existing power stations Measures for utilities Grid 190.0 500 40% 60% **Infrastructure Systems** Renewable Energy Solar power Wind power Nuclear Thermal 2019-2050 2014-2018 Annual average Annual average (Billion \$) FY19 **FY25** FY30

\*1: Prepared by Toshiba based on IEA World Energy Outlook \*2: Toshiba's assumption based on renewables to occupy 33% in 2030

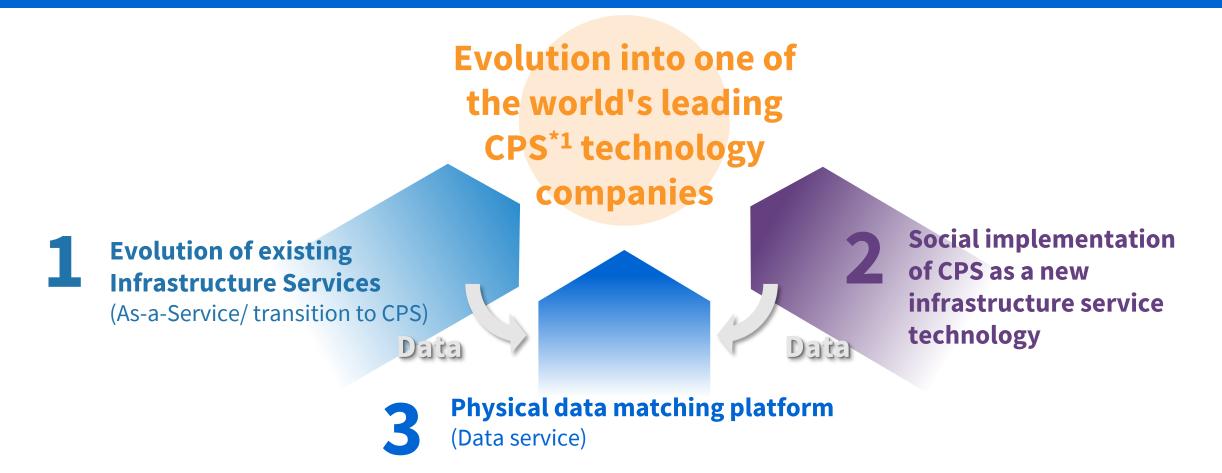
## **Progress in the Toshiba Next Plan**

## Phase 3: Evolution into a CPS technology company



## Phase 3: Evolving into CPS Technology Company

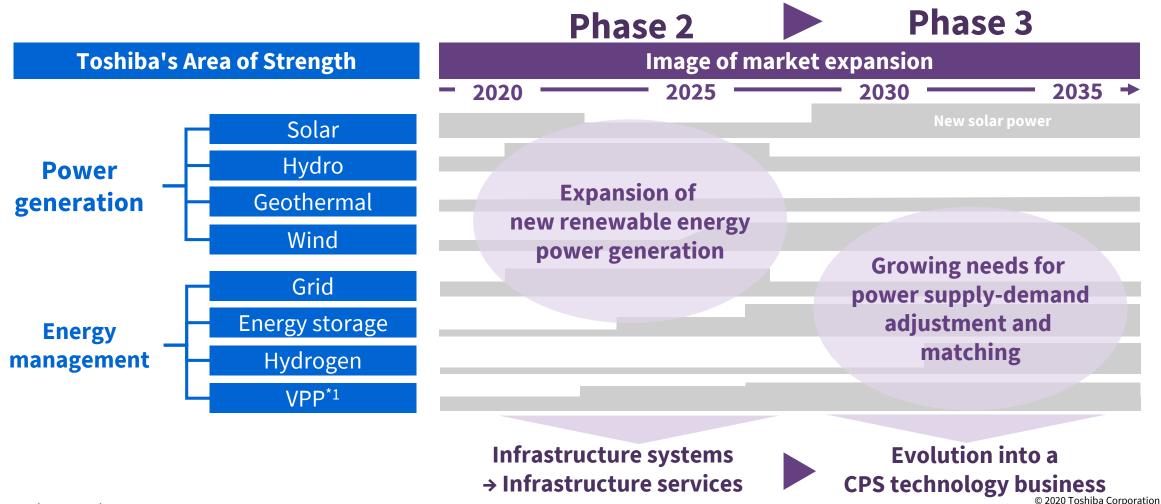
In Phase 3, we will engage in 3 separate approaches in order to evolve into a CPS technology company.



\* 1: CPS (Cyber Physical System): A mechanism for creating added value by collecting data in the real world (physical), analyzing it in the cyber world using digital technologies, etc., and making it easy to use information and knowledge, and feeding back it to the physical side.

#### Phase 2 to Phase 3: The Potential of Renewable Energy

Aiming to evolve existing infrastructure services into CPS-based energy management business, and to expand matching services

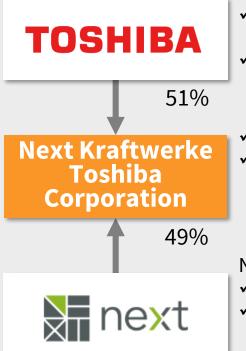


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## **Preparation for Phase 3**

# Established new company to prepare for VPP, which is expected to become an enormous market

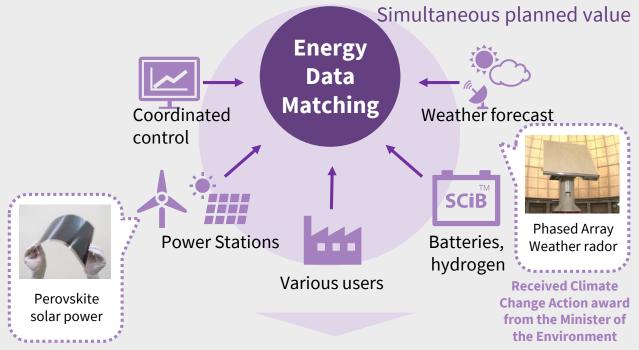
#### Next Kraftwerke Toshiba Corporation



- Relationship with domestic power companies
- ✓ Utilities-related know how
- ✓ Established: Nov., 2020
   ✓ Planning to start with domestic energy resource aggregation services
- Next Kraftwerke
- ✓ Established: 2009
- ✓ Major European VPP operator, operating in 7 countries and 10 regions
- ✓ Managing in total of 8.5GW with approx. 10,000 locations

#### **VPP Business (virtual power plant)**

 →Optimal matching of various gathered data, such as weather, supply & demand and storage capacity

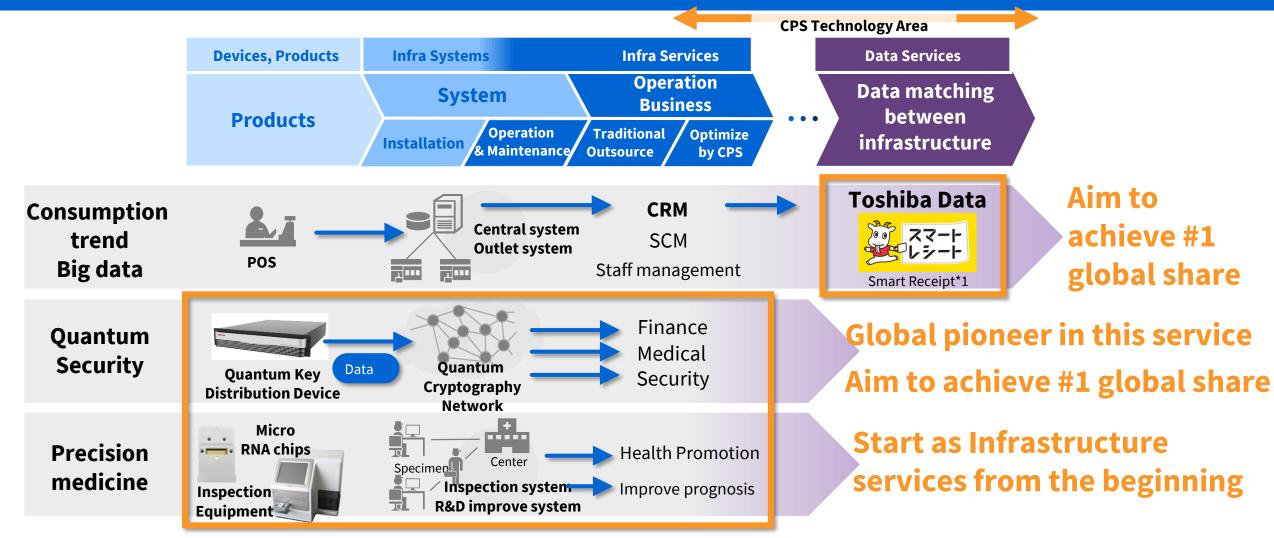


#### Market size<sup>\*1</sup>: **300**B yen in 2030, **1.2** T yen in 2040

\* 1: Toshiba's assumption

#### **New Infrastructure Service & Data Services in Phase 3**

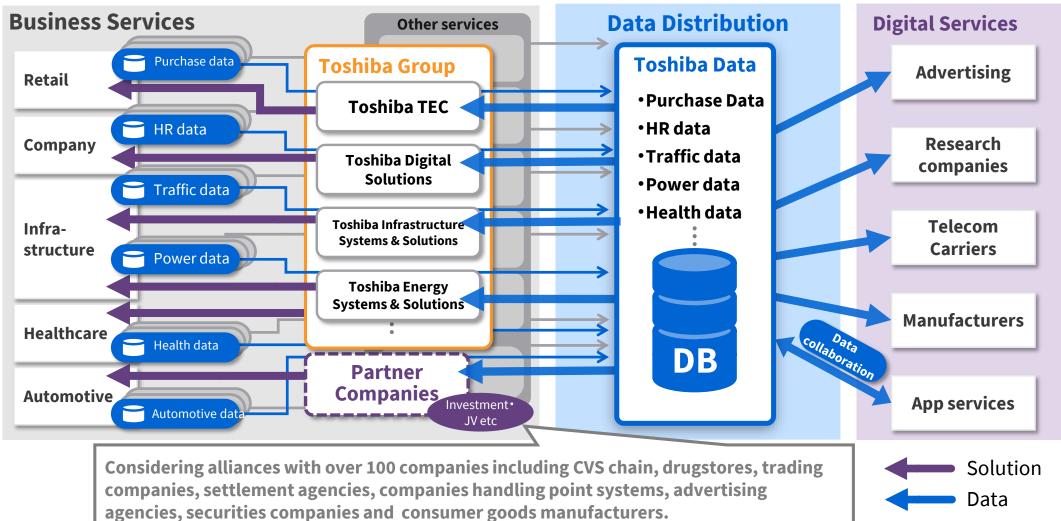
#### New technologies provided as infrastructure services, not as products



\*1: Smart Receipt is the service provided by Toshiba TEC

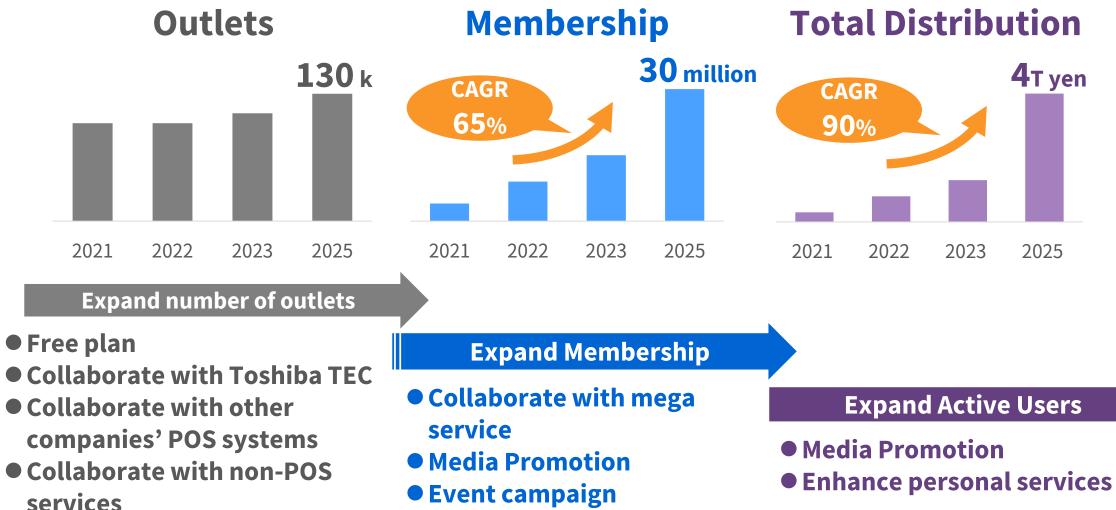
#### Data Matching Platform created by Toshiba Data

#### Accelerate data distribution by collaborating with various players



#### **Toshiba Data: Domestic Targets**

Expand membership by CAGR 65%, total distribution by CAGR 90%, by 2025



#### **Toshiba Data: Overseas Expansion**

Aiming to expand by leveraging Toshiba TEC's network, mainly in Asia and North America where Toshiba TEC enjoys high market share

## **North America**

Three Countries Advertising market **240**B\$

Growth Rate 2.8%

Financial Data Market 15.4<sub>B\$</sub>

Growth Rate 5.7%

#### Toshiba TEC Share USA: No.2 Canada: No.1 Mexico: No.1

Growth Rate 3.6%

Advertising Market **200**B\$

Financial Data Market 6.1<sub>B\$</sub>

Asia

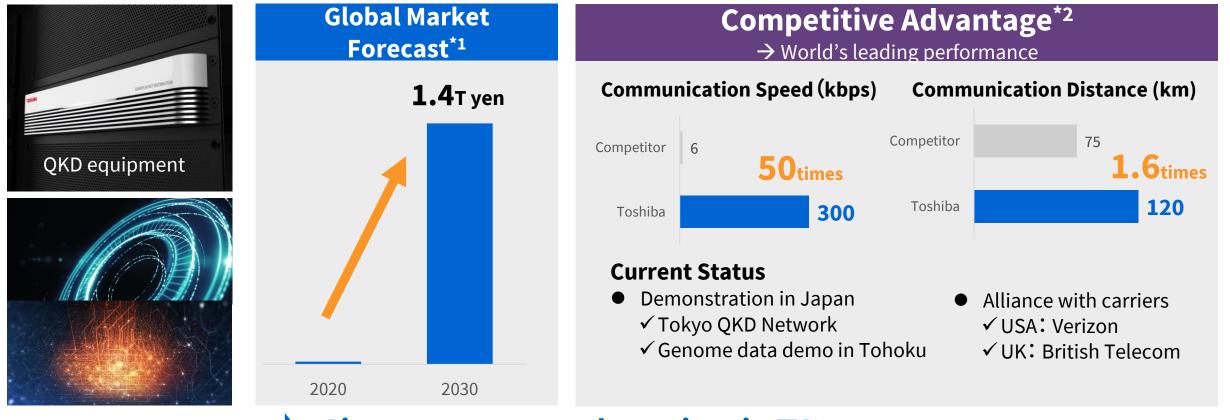
Growth Rate 5.2%

Toshiba TEC Share<sup>\*1</sup> China: No.3 Korea: No.3 India: No.5

\*1 Source RBR 2019; POS units installed

#### **New Technology Business** - Quantum Key Distribution (QKD)

#### Essential security technology for the quantum computing era. Aim for business launch during FY21.

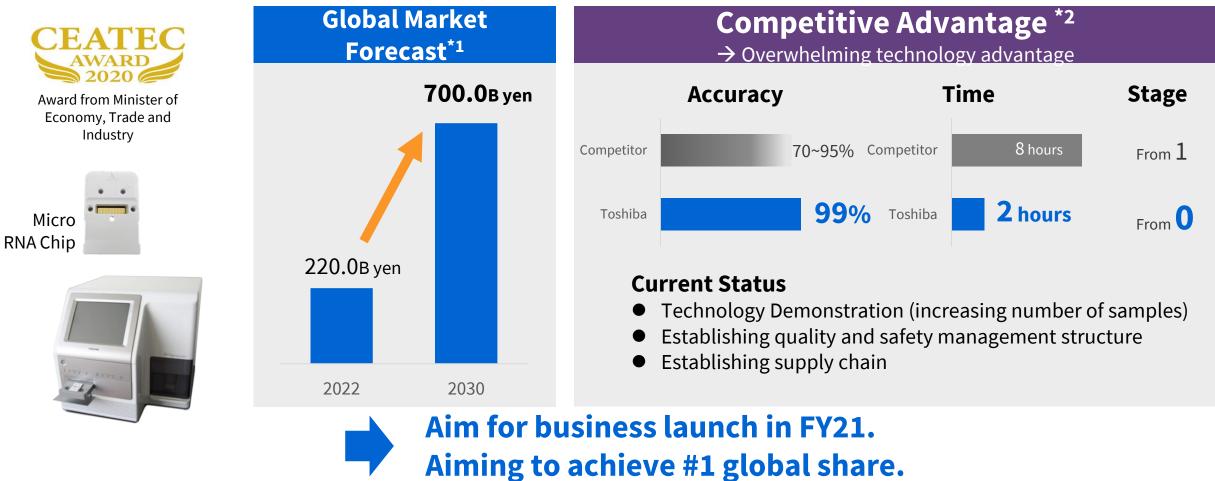


#### Aim to start network services in FY21. Aim to achieve #1 global share.

\*1: Toshiba's long term market forecast \*2 Estimated by Toshiba

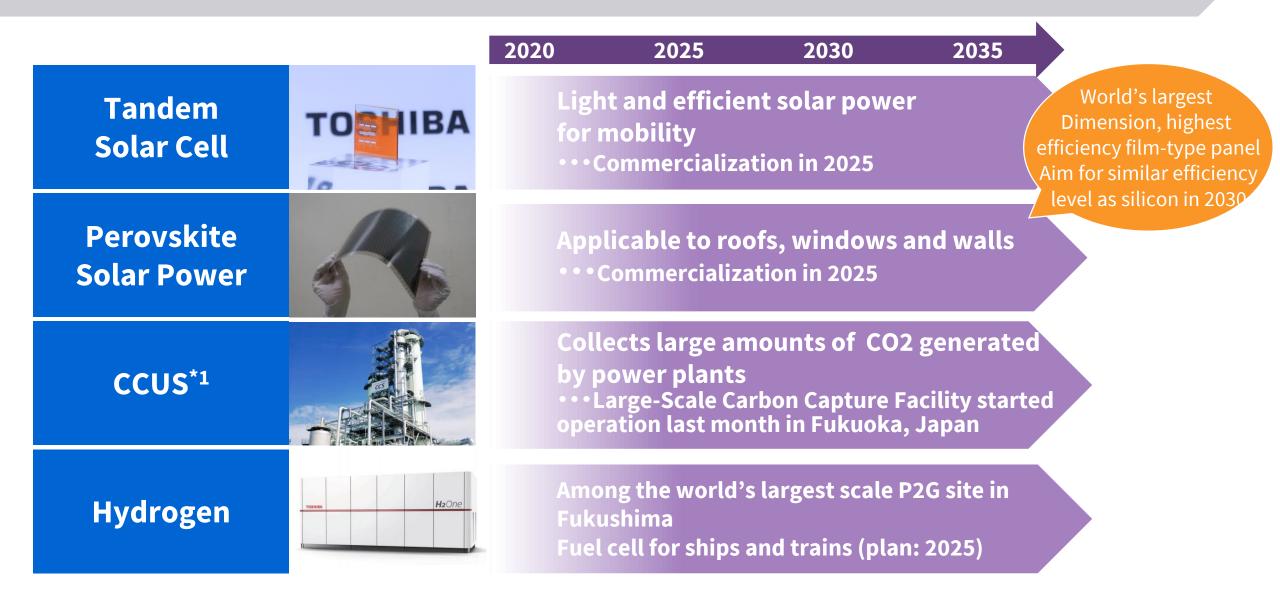
#### **New Technology Business - Micro RNA**

Ability to detect 13 types of cancer from Stage 0 using a small amount of blood. Aiming for business launch during FY21.

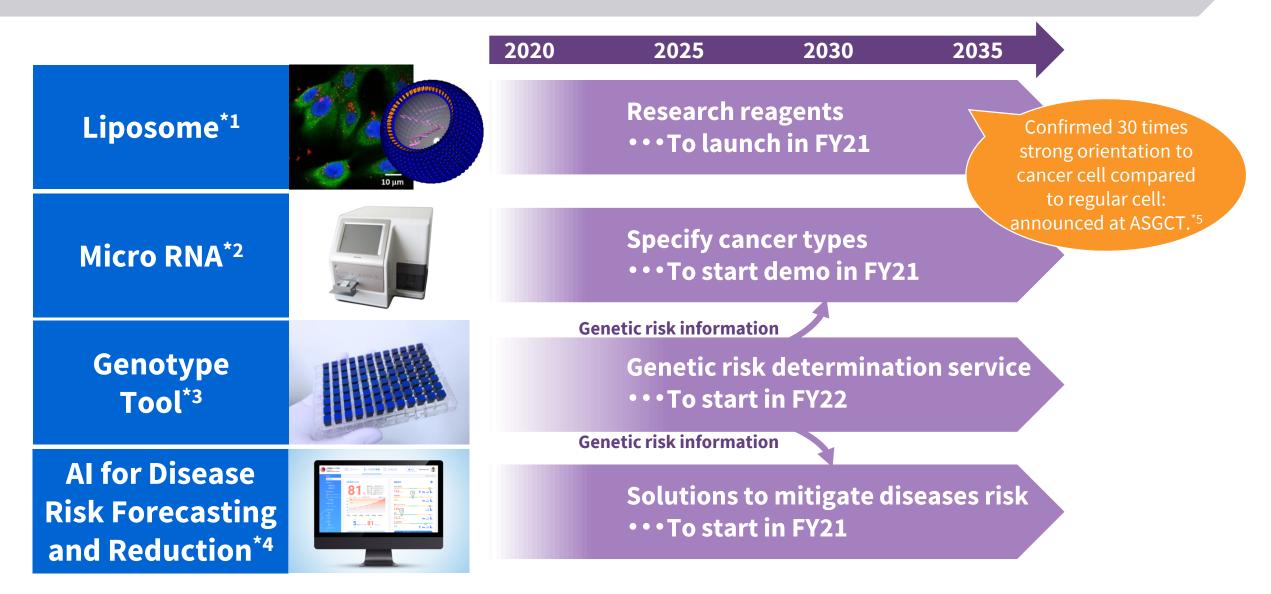


\*1: Japan Agency for Medical Research and Development (AMED) Liquid Biopsy market \*2: Estimated by Toshiba

#### **New Business** - Decarbonization



#### **New Business - Precision Medicines**



\*1: Collaboration with Shinshu University \*2: Collaboration with Tokyo Medical University and National Cancer Center Japan \*3: Collaboration with Tohoku University \*4: Collaboration with Kanazawa University and Johns Hopkins University \*5: ASGCT: The American Society of Gene & Cell Therapy

#### **New Business – Quantum-related Technology/ Others**



New Normal: Solutions Category Semi-Grand Prix

#### Simulated Bifurcation Machine



#### Platform

2020

Ising machine using software based on quantum technology Developing AWS services; planning to commence service in Azure Quantum in FY21

2025

2030

2035

#### **Application**

In talks with finance and pharmaceutical companies for early application

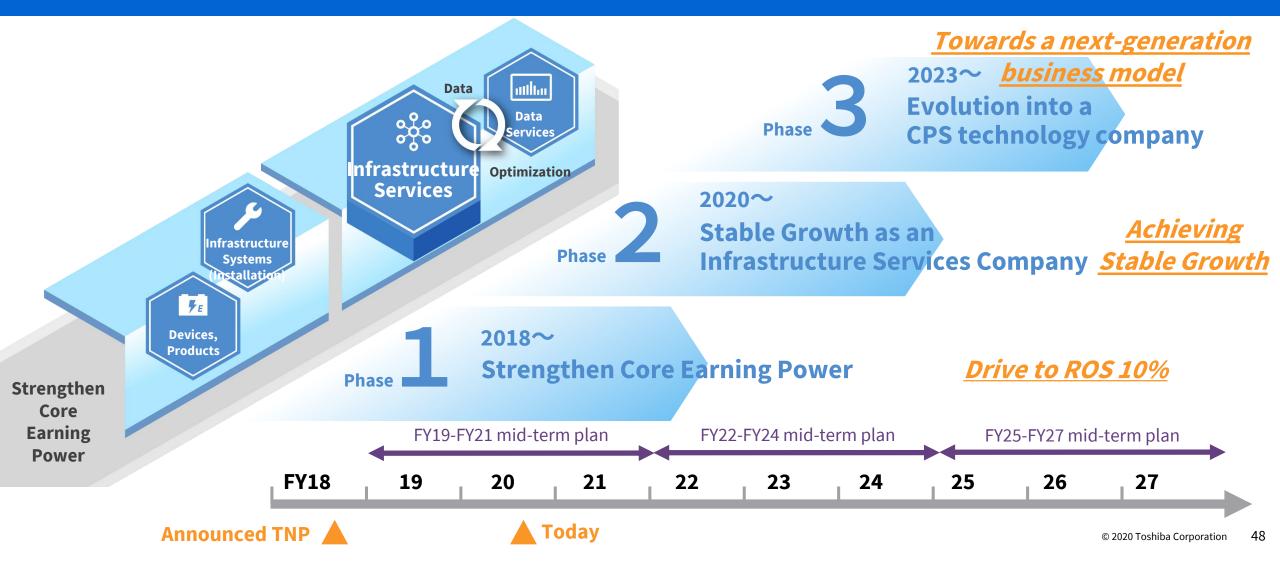
•••World's first financial arbitrage PoC demo (FY21)



From infrastructure monitoring to in-vehicle use

#### **Toshiba Next Plan: 3 Phases of Corporate Transformation**

Aiming to evolve into a CPS technology company after solidifying its foundation by achieving steady growth based on reinforced earning power



## **3. ESG Enhancement Policy**

### **Toshiba's ESG Initiatives**

#### **Toshiba Group Basic Commitment**

Basic Commitment of the Toshiba Group

## Committed to People, Committed to the Future.

At Toshiba, we commit to raising the quality of life for people around the world, ensuring progress that is in harmony with our planet.

#### **Realization as a business**

- ✓ Shift to renewable energy
- ✓ Support for labor and energy conservation
- ✓ Continuing fundamental research for future

#### **Realization in corporate operations**

- ✓ Promoting environmental management
- ✓ Promoting Sustainability
- ✓ Strengthening Compliance

#### **Toshiba's Approach to Sustainable Management**

Environmental management towards well-below 2 degree goal

Supporting infrastructure transformation to achieve decarbonization

S

Respect for Human Rights Safety and Health Management Workstyle Reform Diversity and Inclusion

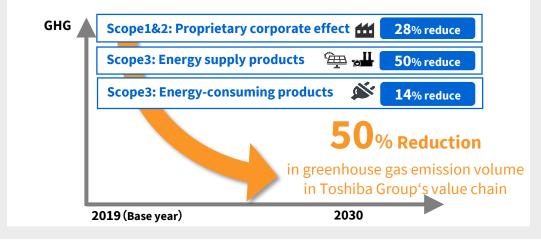
Continuing fundamental research to support the future G

Strengthen Board structure Strengthen Compliance Strengthen Internal Control **Enhance financial discipline** 

## **Environmental (E) Initiatives**

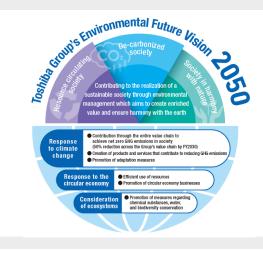
## Decarbonization to achieve the well-below 2 degree goal

- Suspension of new orders for coal-fired thermal power plant construction work
- ✓ Shift to renewable energy to accommodate SBT<sup>\*1</sup>



#### Formulation of the Toshiba Group's Environmental Future Vision 2050

- ✓ Contribute to society's 2050 GHG net zero target
- Updated 3-year action plan



#### **Toshiba's Unique Initiatives:**

Supporting infrastructure transformation to realize decarbonization

- ✓ New types of renewable energy
- ✓ VPP, strengthening of utilities
- ✓ CCUS<sup>\*2</sup>, carbon offsets

\*1: Science Based Target \*2: Carbon dioxide Capture, Utilization and Storage

### Social (S) Initiatives

<b>Respect Human Rights</b>	<ul> <li>✓ Nurturing a corporate culture to respect human rights</li> <li>✓ Respect for human rights throughout supply chain</li> </ul>	
Health Safety Management	<ul> <li>✓ Measures to prevent COVID-19 infection and standardization of work from home</li> <li>✓ Mental health in the new normal era</li> </ul>	
Workstyle Reform Human Resource Development	<ul> <li>✓ Liberalization of the workplace and workstyles (promoting telecommuting), enhancing productivity</li> <li>✓ Self-disciplined career development, and provision of learning opportunities</li> </ul>	
<b>Diversity &amp; Inclusion</b>	<ul> <li>Promote diversity (Women, physically challenged, foreign nationals, senior citizens, LGBT etc.)</li> <li>Balancing work and family (reflecting liberalization of the workplace)</li> </ul>	
Toshiba's Unique Initiatives:		
Continuing hasic		

Continuing basic research to support the future

- ✓ Precision medicine, quantum technology applications
- ✓ Superconducting, high function material etc.

### **Governance (G) Initiatives**

Stronger Board Structure	<ul> <li>✓ 10 of the 12 directors are independent outside directors</li> <li>✓ Participation of a non-Japanese director in Nomination and Compensation Committees</li> </ul>		
Compliance Advisory Meeting	<ul> <li>✓ Invited external experts to the kick-off meeting in August</li> <li>✓ Planning to wrap up proposal by the end of FY20</li> </ul>		
Efforts to strengthen Internal Controls	<ul> <li>✓ Reduction of group companies</li> <li>✓ Strengthen internal control in work process (procurement transaction, man-hour management, etc.)</li> </ul>		
Ongoing Educational Activities	<ul> <li>✓ Executive seminars, employee meetings</li> <li>✓ Promoting awareness and use of the whistle blow system</li> </ul>		
Toshiba's Unique Initiatives:			
Enhance Financial Discipline	<ul> <li>✓ Investment discipline including ROIC/IRR basis</li> <li>✓ Disclosure on capital allocation policy</li> </ul>		

# 4. Financial Management Policies

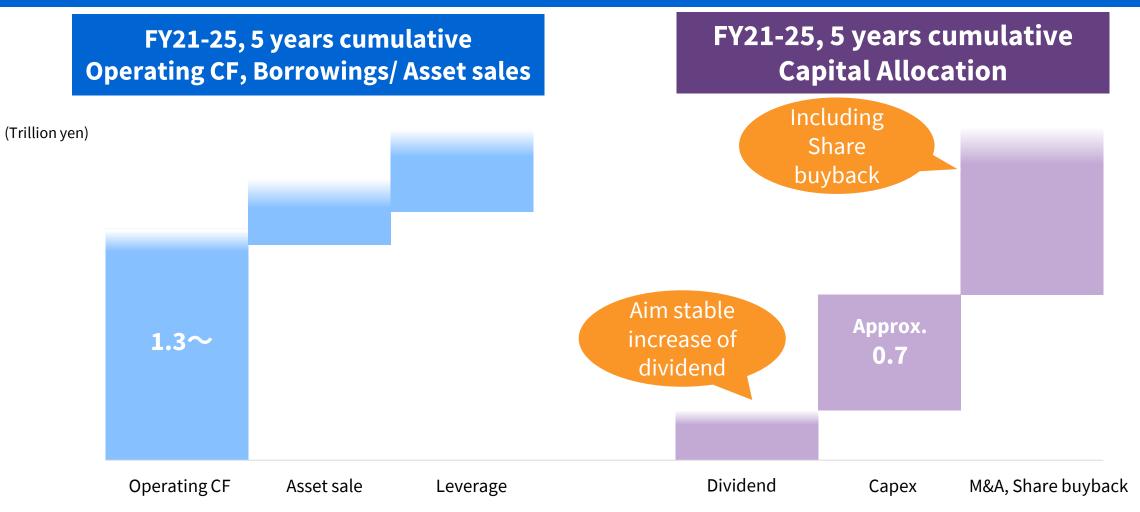
#### **Approach to Growth Investments**

#### Established internal ROIC/IRR criteria for strategic investments Stricter process for selecting investments

Financial Management Policy	<ul> <li>✓ Dividend payout ratio, appropriate level of capital, debt-equity ratio →Maintain policies announced in November 2019 and June 2020</li> </ul>
Financial Leverage	<ul> <li>✓ Expand leverage up to 30% debt-equity ratio and 100% net-debt/EBITDA by FY25</li> <li>✓ Reduce cost of capital and utilize cash for strategic investments.</li> </ul>
Strategic Investment	<ul> <li>✓ Strategic investments include M&amp;As which meet the ROIC and IRR investment criteria.</li> <li>✓ Returns to shareholders will also be considered as a form of strategic investment if there is excess cash.</li> </ul>

## **Capital Allocation**

Making proactive investments in resources to achieve growth while emphasizing financial discipline



#### **Shareholder Returns and Dividend Policy**

Kioxia Shares	<ul> <li>✓ Once monetization event is completed, Toshiba, in principle, intends to return a majority portion of the net proceeds to shareholders,</li> </ul>	
Dividend Forecast for FY20	<ul> <li>✓ Interim Dividend:</li> <li>✓ Year-end Dividend (forecast):</li> <li>✓ Full year Dividend (forecast):</li> </ul>	10 yen 30 yen 40 yen (20 yen increase)
Future Dividend Policy	✓ Target stable increase of dividend by executing the Toshiba Next Plan	

# Committed to People, Committed to the Future.

