

IR Presentation



This document is a translation of the Japanese original. The Japanese original is authoritative.

The forward-looking statements and projected figures concerning the future performance of NTT and its subsidiaries and affiliates contained or referred to herein are based on a series of assumptions, projections, estimates, judgments and beliefs of the management of NTT in light of information currently available to it regarding NTT and its subsidiaries and affiliates, the economy and telecommunications industry in Japan and overseas, and other factors. These projections and estimates may be affected by the future business operations of NTT and its subsidiaries and affiliates, the state of the economy in Japan and abroad, possible fluctuations in the securities markets, the pricing of services, the effects of competition, the performance of new products, services and new businesses, changes to laws and regulations affecting the telecommunications industry in Japan and elsewhere, other changes in circumstances that could cause actual results to differ materially from the forecasts contained or referred to herein, as well as other risks included in NTT's most recent Annual Securities Report and in any other materials publicly disclosed by NTT on its website.

- * "E" in this material represents that the figure is a plan or projection for operation.
- ** "FY" in this material indicates the fiscal year ending March 31 of the succeeding year.
- "1Q" in this material represents the three-month period beginning on April 1 and ending on June 30, "2Q" represents the six-month period beginning on April 1 and ending on September 30, "3Q" represents the nine-month period beginning on April 1 and ending on December 31, and "4Q" represents the twelve-month period beginning on April 1 and ending on March 31.

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Attachment

Matters Currently under Consideration to Strengthen Collaboration after Making NTT DOCOMO a Wholly Owned Subsidiary

*The Document submitted for the commission at the Ministry of Internal Affairs and Communications

*Released on December 25, 2020

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Overview of Consolidated Results for FY2021.1Q and FY2021 Forecast

2021.1Q Financial Results – Key Points



•In FY2021 1Q, revenues and profit both progressed more strongly than expected.

- > Operating revenues increased by 126.1 billion yen (an increase of 4.6%) year-over-year due to an increase in sales of devices by NTT DOCOMO and an increase in SI revenues at NTT DATA as a result of capturing increased demand for digitalization, among other factors
- > Operating income decreased by 11.3 billion yen (a decrease of 2.3%) year-over-year due to strengthened initiatives to expand the 5G area and to further expand the Smart Life business by NTT DOCOMO, among other factors
- ➤ Profit increased by 67.3 billion yen (an increase of 24.7%) year-over-year, reaching a record high, due to the impact of including profit from the transaction to make NTT DOCOMO a wholly owned subsidiary, among other factors
- •In order to enhance shareholder returns, we newly resolved to conduct up to 250.0 billion yen of share buybacks.

Q: Given that operating income has decreased year-over-year, will it still be possible to achieve the annual plan?

A: From and after the second quarter, we are anticipating an increase in income from the Smart Life area as well as cost reductions from the promotion of the digitalization of sales channels at NTT DOCOMO, in addition to an increase in revenues and increase in income in our overseas business as a result of the effect of structural reforms, and we believe than the plan can be achieved.

Q: Please discuss the sales status and future outlook following the introduction of new billing plans including NTT DOCOMO's "ahamo."

A : As a result of the introduction of strategic billing plans, including "ahamo" and "Gigaho Premier," both net increases and MNP (mobile number portability) have improved as expected. With respect to "ahamo," acquisition of the younger market in particular has been strong, and the number of contracts has exceeded 1.8 million and is steadily increasing. In the future, we will continue to expand our customer base through optimized billing plans that meet customer needs and will work towards an increasingly positive MNP.

Q: Please discuss the future outlook for overseas business.

A: Although there has been a negative impact on SI revenues as a result of the spread of COVID-19, particularly in Asia, it is progressing well. We expect to see the effects of structural reforms on both NTT Ltd. and NTT DATA going forward, and we will continue to work to increase revenues and profit through the further expansion of high value-added services, such as NTT Ltd.'s data centers and managed services, and through increased sales from strengthening NTT DATA's digital offerings.

Status of Consolidated Results for FY2021.1Q



- Both revenues and income exceeded expectations
- Year-on-year, operating revenues increased, operating income decreased and profit increased
- Profit set a new record high level

Status of Consolidated Results

Operating Revenues: ¥2,8	392.6B <+¥126.1B [+4.6%] year-on-year>
--	---

● Operating Income: ¥486.3B <¥ (11.3B) [(2.3)%] year-on-year>

Profit⁽¹⁾:
¥340.0B <+¥67.3B [+24.7%] year-on-year>

● Overseas Sales⁽²⁾: \$4.6B <+\$0.26B [+5.9%] year-on-year>

 Overseas Operating Income Margin⁽²⁾:

4.1% <+1.9pt year-on-year>

⁽¹⁾ Profit presented above represents the profit attributable to NTT, excluding noncontrolling interests.

Includes results from the global holding company, its subsidiaries and its affiliates. Overseas Operating Income excludes temporary expenses, such as M&A-related depreciation costs of intangible fixed assets.

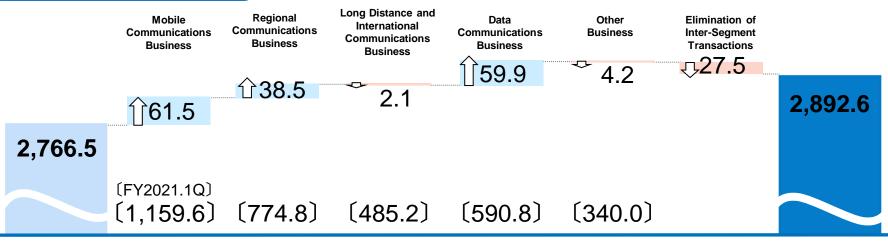
Contributing Factors by Segment for FY2021.1Q





<Year-on-year: +126.1>

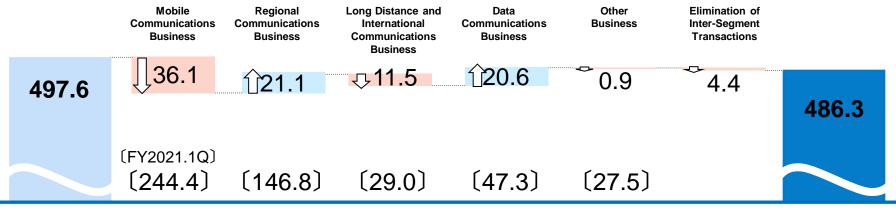
(Billions of yen)



FY2020.1Q FY2021.1Q

Operating Income

<Year-on-year:(11.3)>



FY2020.1Q FY2021.1Q

Future Outlook Based on FY2021.1Q Results



■ Mobile Competitive Environment

- Sales, especially in ahamo, were strong, with both net increases and MNP improving as expected
- Acquisition of the younger market in particular has been strong, and we are aiming to further expand our customer base
- The development of the 5G area is progressing well. The number of base stations for new 5Gdedicated frequency bands has exceeded 10,000 stations, which is 2 to 4 times more advanced than other companies

■ Impact of COVID-19

- Although the negative impact of COVID-19 has decreased compared to the previous fiscal year, there
 is some continuing impact, including on revenues from international roaming and overseas SI business
- In the future, the impact is expected to gradually decrease as a result of the recovery in economic activity

Revision of Medium-Term Management Strategy

- Once the Ministry of Internal Affairs and Communications has released its report on its "Study Meeting on the Ideal Way of Ensuring Fair Competition," we plan to undertake a review of the Medium-Term Management Strategy
- With respect to the current medium-term financial target of reaching an EPS of ¥320 by FY2023, we are aiming to achieve the target one year ahead of schedule

FY2021 Forecast Summary



- Operating Revenues, Operating Income and Profit will all increase
- Operating Revenues, Operating Income and Profit are each expected to reach record high levels

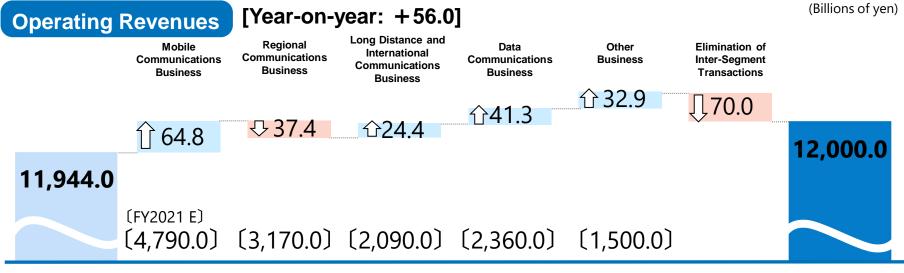
Consolidated Revenues and Income Plan

	FY2020 Results	FY2021 Forecast	Year-on-Year
Operating Revenues	¥11,944. 0 в	¥1 2,000.0 в	+¥56.0в
Operating Income	¥1,671.4 _B	¥1,730.0в	+¥ 58.6 в
Profit ⁽¹⁾	¥916.2 в	¥1,085.0в	+¥168.8B
EPS	¥248	EPS target has been revised in August 2021	+¥54

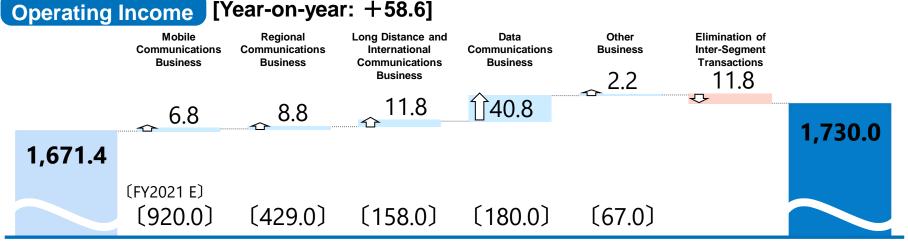
⁽¹⁾ Profit represents profit attributable to NTT, excluding noncontrolling interests.

FY2021 Forecast Summary by Segment





FY2020 FY2021E



FY2020 FY2021E

Overview of Medium-Term Financial Targets



	FY2020 Results	FY2021 Forecasts	Year-on-Year	Target (Target Fiscal Year) <announced 2018="" 8,="" november=""></announced>
EPS	¥248	EPS target has been revised in August 2021	+¥ 5 4	Approx. ¥320 (FY2023)
Overseas Sales ⁽¹⁾	\$18.6B	\$19.0B	+\$0.4B	\$25B (FY2023)
Overseas Operating Income Margin ⁽¹⁾	3.0%	6.0%	+3. 0 pt	7 % (FY2023)
Cost Reductions ⁽²⁾	¥(670.0) в	¥(840.0) в	¥(170.0) в	at least ¥(800.0) B (FY2023)
ROIC	7.2%	7.4%	+0.2 pt	8 % (FY2023)
Capex to Sales(3)	13.6%	13.5%	▲0.1 pt	13.5 % or less (FY2021)

⁽¹⁾ Includes results from the global holding company, its subsidiaries and its affiliates.

Items with positive progress are shown in green, and items that are expected to meet the mediumterm financial targets during the current fiscal year are shown in white text.

Overseas Operating Income excludes temporary expenses, such as M&A-related depreciation costs of intangible fixed assets. (2) In fixed-line/mobile access networks. Figures above show cumulative reductions since FY2017.

⁽³⁾ Domestic network business (excludes NTT Communications' data centers and certain other items).



Topics

Contributions to the Tokyo 2020 Olympic and Paralympic Games



- Management of the Games (Network Operation, Etc.)
 - NTT has been operating the networks used for broadcasting and for the management of the games without any issues to this point, and will continue to provide for the networks' stable operation
- Providing of New Technology
 - "TOKYO 2020 5G Project"
 - Live transmission of 12K ultra-wide composite images of an entire sailing event to remote locations
 - "TOKYO 2020 Future Sports Viewing Project"
 - Demonstration of transmitting badminton competition as holographic video





 Providing "CUzo" that enables AR guidance to support the management of the Tokyo 2020 Games

* NTT is a Olympic and Paralympic Games Tokyo 2020 Gold Partner (Telecommunications Services).

Contributions to Sports through R&D



Joint Testing with the Japan Softball Association

November 2017 Entered into Joint Testing Agreement

NTT conducted experimental and actual measurements of top players' and younger players' "series of actions for batting," promoting research on the performance and brain information processing of athletes (including Japanese national team players) with a wide range of abilities.

Through this joint testing, NTT supported the improvement of the Japanese national team's batting strength in furtherance of their winning the gold medal



Initiatives in Response to COVID-19



■ Employee Vaccination Status

- NTT Group as a whole plans to vaccinate approximately 164,000 people by the end of the year
- Began in stages on June 28, with vaccinations of approximately 58,000 people completed as of July 31

Rate of Remote Work

Rate of remote work in June was 71.8% (excluding essential workers)

Strengthening and Globalizing R&D



- Launch new business using "Personalized Sound Zone (PSZ) Technology"
 - Helps achieve a more fulfilling life by effectively controlling the spaces where sounds can be heard and creating a comfortable acoustic space
 - "NTT sonority, Inc." to be established in September 2021
 Kazunori Kobayashi (Senior Research Engineer, Supervisor, NTT Service Innovation Laboratory Group, which developed the technology) will be appointed as president
 - In the future, NTT will collaborate with partners to develop and provide airplane and car seats that allow users to enjoy music without headphones, as well as office chairs for web conferencing.



Headphone-free airplane seats



Web conferencing without sound leakage (chair-integrated sound/microphone)



Car seats that are able to play different contents for each seat



Wearable devices and portable speakers that allow for regular conversations without sound leakage



Collaboration: JAMCO Corp.



Collaboration: OKAMURA Corp.

Collaboration: TOYOTA BOSHOKU Corp.

< Usage Scenarios Made Possible by PSZ Technology (Example) >

Initiatives to Create a Remote World



■ Launch New Services

- ① Began development of "evidence.path™", a cloud service that converts corporate bond issuance processes to DX (NTT Data Group, services planned to launch in February 2022)
 - ✓ Converts paper-based processes that are done through paper, stamps, mail and fax into DX, in order to achieve faster processes and telework
 - ✓ Also expected to be utilized within the NTT Group
- (2) "home 5G™", which provides an internet connection environment immediately without on-site construction (NTT DOCOMO, from late August 2021)
 - ✓ Unlimited data, and compatible with 5G and 4G networks
- (3) "OCN Hikari App Control Option," which helps small and medium-sized enterprises achieve stable online meetings (NTT Com, from July 2021)
 - ✓ Reduces audio and video interruptions and delays when using certain applications, including online meetings



Transaction to Make NTT DOCOMO a Wholly Owned Subsidiary

Background



Changes surrounding the telecommunications market environment

Integration of fixed-line and mobile communications

Multifaceted, multilayered market competition that transcends the level of communications

Changes in social trends

Remote world (decentralized society)

New Glocalism

Dynamic changes in the environment at the global level

Toward NTT's Medium-Term Growth and Development (1)



Goals Being Pursued

- 1 Development and offering of new services for a remote world
- **2** Centralization of resources and promotion of DX
- ③ Promotion of research and development on a global scale
- 4 Strengthening of new types of businesses, including the Smart Life business

Toward NTT's Medium-Term Growth and Development (2)



◆ Transaction to Make NTT DOCOMO a Wholly Owned Subsidiary

Objective

- Improved competitiveness of, and growth of, NTT DOCOMO NTT DOCOMO can utilize the capabilities of NTT Communications and NTT Comware and promote new services/solutions and the development of 6G-focused communications infrastructure that integrates mobile and fixed-line services, to evolve into a comprehensive ICT company that also provides upper-layer services
- Growth of NTT Group as a whole

Primary Initiatives



1 Strengthening corporate sales capabilities

- ✓ Creating services that integrate mobile and fixed-line services
- ✓ Creating integrated solutions through the combination of clouds and data

2 Strengthening service creation capabilities

- ✓ Strengthening the smart life business and creating new businesses by collaborating with partners
- ✓ Strengthening software development capabilities and improving user experience

3 Strengthening cost competitiveness

Optimizing resources and assets related to networks, buildings, IT infrastructure, etc.

4 Strengthening R&D capabilities

- √ 6G-generation core network that spans mobile and fixed-line services.
- ✓ Realization of the IOWN concept
- ✓ Research and development related to O-RAN + v RAN

Social Contributions through Initiatives



1 Enhancing the international competitiveness of Japanese industry

- ✓ Development and production of telecommunications equipment, software and services that will be used around the world
- ✓ Contribution to international standards for telecommunications

2 Resolving social issues

- ✓ Popularization of digitization and promotion of smart technology systems
- ✓ Revitalization of local communities and regional economies

3 Maintaining a reliable and secure communication infrastructure

✓ Improvement of business continuity, strengthening of telecommunications resilience in the event of a disaster and strengthening of cybersecurity

4 Achieving the development of the telecommunications industry and services that provide high levels of customer satisfaction

✓ Provision of services and rates that are more user-friendly and affordable

Financing and Financial Policy



◆ Financing

- ✓ Funds required to make NTT DOCOMO a wholly owned subsidiary had been financed through a bridge loan
- ✓ Bridge loan is planned to eventually be taken out with domestic bonds, foreign bonds, bank loans or other forms of financing (Domestic bonds in December 2020 and foreign bonds in March 2021. Bank loan in July 2021.)
- ✓ No stock issuances will be conducted
- ✓ Securitization of receivables and asset sales are also under consideration(Partial credit securitization implemented in March 2021)

♦ Financial Policy

- ✓ Aim to further improve cash flow generation ability through this initiative.
- ✓ Preserve financial stability by steadily reducing level of indebtedness, which will temporarily increase (reduction of financial leverage)
- ✓ Shareholder returns policy will remain unchanged (fundamental policy of implementing steady dividend increases; flexibly carry out share buybacks)

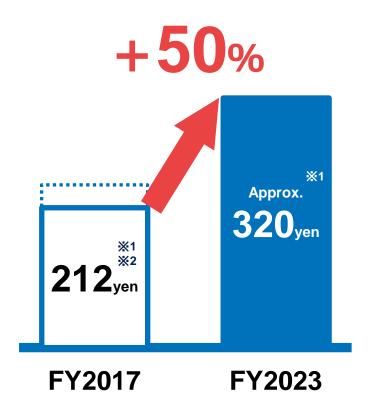


NTT Group Medium-Term Management Strategy

Medium-Term Targets



EPS Growth



Financial Targets

EPS Growth

Target +50% **2 FY2023 (vs. FY2017)

Overseas Sales/ **Overseas Operating Income Margin**

\$25B/ **FY2023 7**%

Cost Reductions At least ¥800B (vs. FY2023)

(in fixed-line/mobile access networks)

ROIC

8%

FY2023

Capex to Sales

13.5%

FY2021

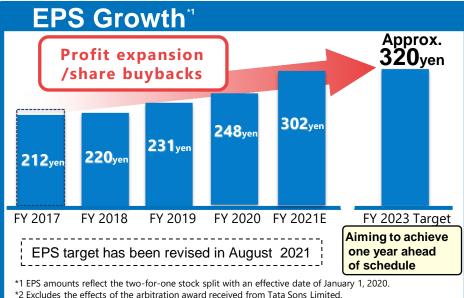
(Domestic Network Business^{*4})

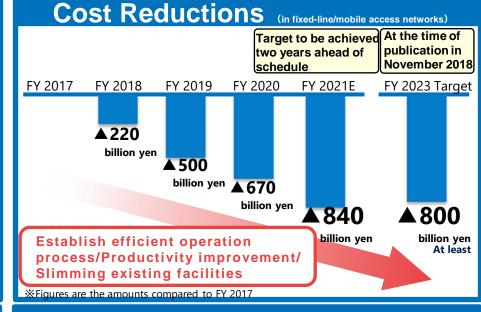
or less

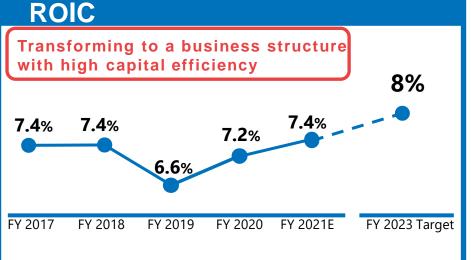
*1 : EPS amounts reflect the two-for-one stock split with an effective date of January 1, 2020. *2 : Excludes the effects of the arbitration award received from Tata Sons Limited. *3 : Including results from the global holding company, its subsidiaries and its affiliates. Operating Income excludes temporary expenses, such as M&A-related depreciation costs of intangible fixed assets. 34: Excludes NTT communications' data centers and certain other assets.

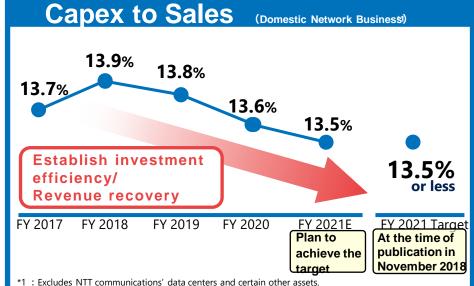
Transition of Medium-Term Targets











Overview of Medium-Term Management Strategy Initiatives



Overview since May 2021

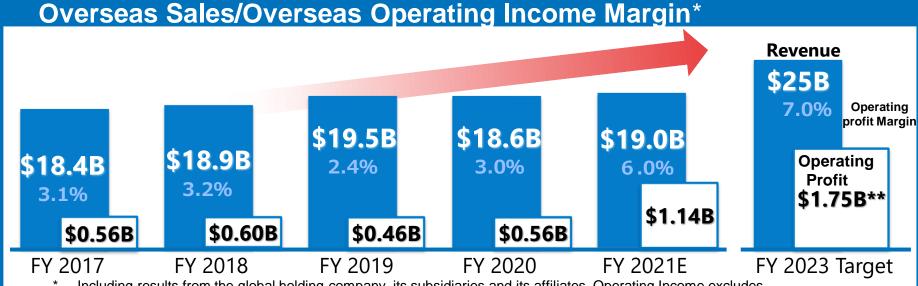
· ·	
Roll Out 5th-Generation Wireless System	 Developed enterprise solutions that utilize 5G with NEC in Germany (NTT DATA, from June) Cumulative number of "Lightning Speed 5G" base stations exceeded 10,000 (NTT DOCOMO, June)
Provide Personal Services	Launched the "U15 Hajimete Sumaho Plan" (NTT DOCOMO, from July)
Enhance Competitiveness in Global Business	 In collaboration with Edmonton International Airport to deliver on-demand transport services (NTT DATA Services, NTT Ltd., May) In collaboration with Tokyo Century to operate data center in India (NTT GDC, June)
Drive DX in Domestic Business	 Lowered wholesale fees for wholesale Hikari services (NTT East, NTT West, from July) Provided customer self-assessment fault diagnosis on the repair service "Web 113" (NTT East, NTT West, from July) Assignment of tower assets of the Company to JTOWER to accelerate Infra-Sharing (NTT West, from July)
Enhance and Globalize R&D	Reached agreement on a business alliance with SKY Perfect JSAT on new space enterprise to aid in the realization of a sustainable society (May) Reached agreement on a partnership with ACCESS toward the realization of the IOWN concept (July)
Create New Lines of Business	Started operations at two companies responsible for comprehensive management and think tank functions for urban solutions (NTT Urban Value Support, NTT Urban Solutions Research Institute, from July)
Contribute to Vitalization of Regional Societies and Economies	 Established a new company, "Co-Designing Institute for Polyphonic Society," to promote regional vitalization (NTT West, July) Entered into the "Agreement to Promote Cross-Organizational Industry-Academia Collaboration" with Niigata University (NTT East, July)
Promote ESG Management	 Made donations for pandemic relief to India (NTT Data, NTT Ltd., May) Free offering of classes on how to use various types of operations in docomo Smartphone classes (NTT DOCOMO, from June) Sponsored the Avatar Robot Cafe DAWN ver.β, and conducted demonstration tests of remote robot operation for the realization of the IOWN concept (from June) Changed the membership of the Appointment and Compensation Committee to consist of five members, including three independent outside Members of the Board, strengthening governance (August)



Global Business

Global Business Overview





^{*} Including results from the global holding company, its subsidiaries and its affiliates. Operating Income excludes temporary expenses, such as M&A-related depreciation costs of intangible fixed assets.

Revenue* (USD, FY2020) and Employee by Region (excl. Japan)

	TOTAL	AMERICAS	EMEA	APAC**
Revenue	\$ 18.6B	\$ 6.6B	\$ 7.6B	\$ 4.4B
No. of employee	138,000	40,000	51,000	47,000

^{*} Including results from the global holding company, its subsidiaries and its affiliates.

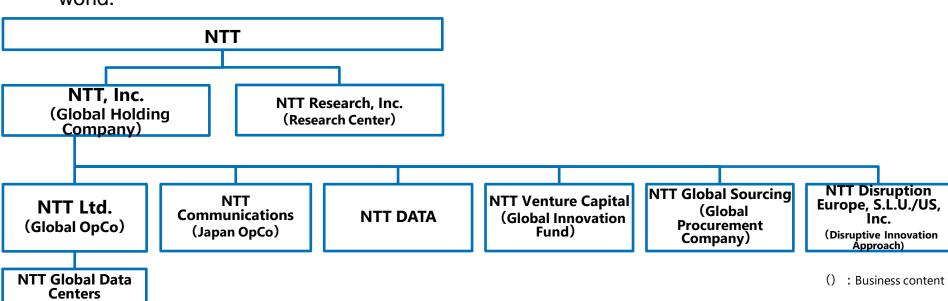
^{**} Estimated value of \$ 25B multiplied by 7%

^{**} Exclude Japan

Enhance Competitiveness in Global Business (1)



- We established a new global holding company under NTT Corporation by the third quarter of the fiscal year ending March 31, 2019. And NTT Communications, Dimension Data, NTT DATA, NTT Security, and NTTi3 will be transferred to NTT, Inc. and will align together under its new leadership.
- While making NTT Group more competitive and profitable, our global governance will also benefit from embracing and integrating our people's diverse talents, skills, and management experience in global markets.
- We'll also intensify our R&D activities in global markets by using a global network of experts from advanced academic research institutions and venture-capital communities around the world.



(Data Center Asset Firm)

Enhance Competitiveness in Global Business (2)



"One NTT" Global Growth Strategy

Deliver High Value Solutions

Business Modernization

Industry Advisory Expertise Drives
Outcome-Based Solutions

Financial Services

Automotive /Manufacturing

Healthcare

Communications /Media

Public Sector

Accelerate IT-as-a-Service with Software-Defined Technologies

Managed Infrastructure Cybersecurity Services

Cognitive Foundation

Global Edge Services

Data Center Asset Firm

Improve Efficiency of Data Center Business

NTT Global Procurement Company

Global Procurement Excellence

ntegrated Capabilities (Enabling a Smart World)

Create New Innovative Solutions

Disruptive Innovation

Global Innovation Fund

Invest in the Next Innovative Technology Frontier

Venture **Ecosystem**

Digital Startups

Disruptive Innovation Approach

Co-Create with Clients using Advanced Technologies

Industry Specialized

Business Function

Smart World

Technology-Led

e.g. Al, Robotics, Edge Computing

Research Center (Outside of Japan)

Invent World-Leading Innovative Technologies

Global Talent Development

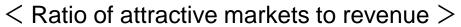
One NTT

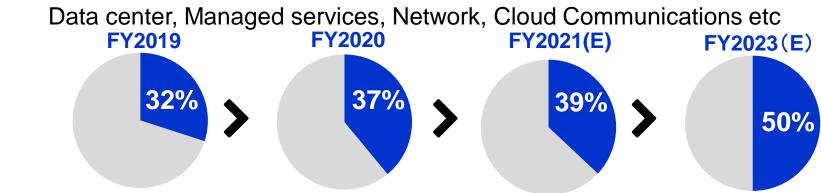
Global Branding

Structural Reform of NTT Ltd.



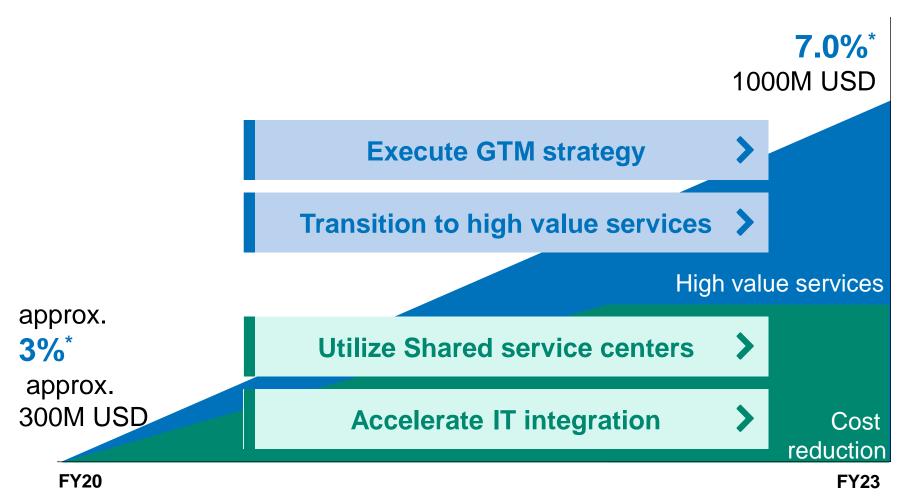
- Promoted integration at NTT Ltd. since its establishment in July 2019
- Promoting structural reforms to realize business shift to attractive markets centered on managed IT services
 - Streamlining business operations
 - Optimization by consolidating operations and overlaps
 - Launching a shared service center, automating internal processes, unifying systems
 - Strengthening competitiveness
 - Supporting customers' digital transformation with consulting as a starting point
 - Focus on secure and reliable hybrid cloud-enabled business by utilizing partnering with Microsoft
 - Expanding solutions that meet emerging needs by utilizing communication technologies and collaboration tools





NTT Ltd. Road to FY23





^{[*} Based on Overseas Operating Income Margin**]

^{**}Operating Income excludes temporary expenses, such as M&A-related depreciation costs of intangible fixed assets.

Smart City Project (Las Vegas City)



Pain Point of the City: To reduce "Response Time"

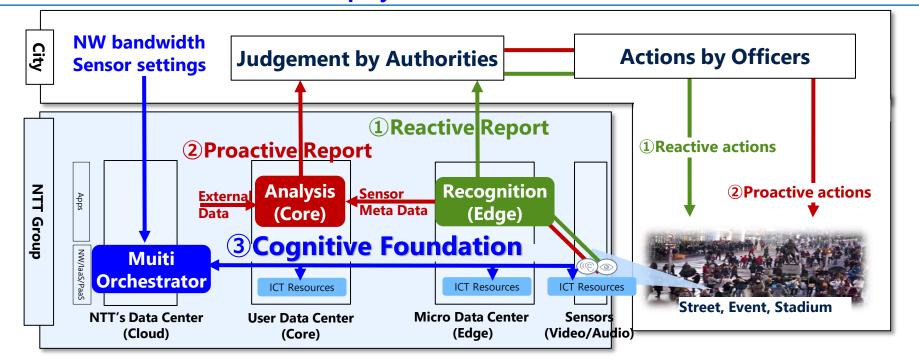
Requirements:

1 Reactive actions: Notify "What is going on?"

② Proactive actions: Notify "What is going to happen next?"

③ Flexible ICT: Deploy ICT resources ASAP

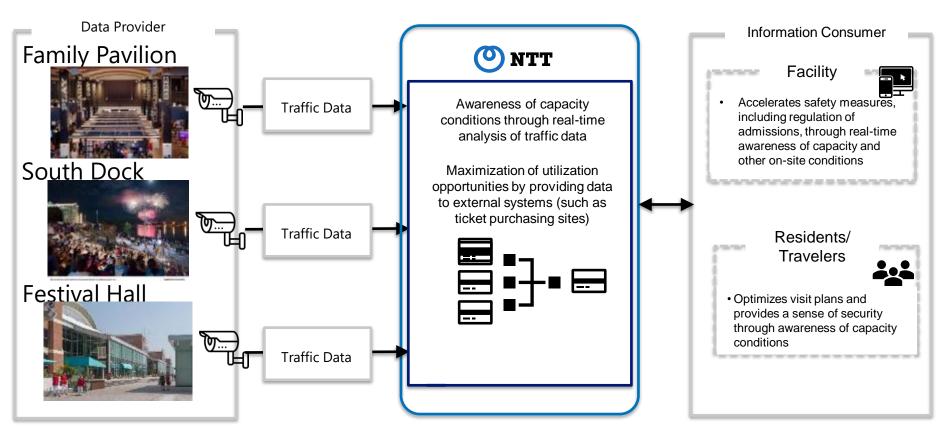




Smart City Project (Chicago City)



- •By leveraging the Smart City technology being provided in Las Vegas, facilitates real-time awareness of on-site situations and provides information to visitors by using statistical data on space occupancy and analysis of usage patterns for particular times
- Contributed to resolution of issues for the re-opening of Navy Pier (a leisure and cultural facility in the Midwest United States), which was temporarily closed beginning in September 2020 due to the spread of COVID-19, by improving awareness of on-site conditions



Global Data Centers

NTT

Service delivery schedule

FY2020 FY2021

In 20

Countries/ Regions

worldwide

India



Mumbai 7 Data Center

UK



London 1 Data Center

Japan



Tokyo 11 Data Center

US



Hillsboro 1 Data Center

Malaysia



Cyberjaya 5 Data Center

US



Chicago 1
Data Center

US



Silicon Valley 1 Data Center

US



Ashburn 5 Data Center

FY2021

FY2022

Germany



Berlin 2 Data Center

Spain



Madrid 1 Data Center

UK



Hemel
Hempstead 4
Data Center

US



Phoenix 1
Data Center

Indonesia



Jakarta 3 Data Center

South Africa



Johannesburg 1 Data Center

India



Mumbai 8 / Data Center

India



Chennai 2 Data Center

India



Navi Mumbai 1 Data Center

The above plan is subject to change.



Mobile Communication Business

NTT DOCOMO Recent Major Topics



Communications business

- Cumulative total of over 10,000 "Lightning Speed 5G" base stations (June)
- Launch of "U15 Hajimete Sumaho Plan" (July)
- Launch of "home 5G" (scheduled for August)

Smart life business

- Introduction of a new genre "Live" to dTV (May)
- Development of a business alliance with THECOO, Inc. regarding the live performance business (May)
- Conclusion of agreement with SMBC Nikko Securities Inc. and Money Design Co., Ltd. to consider collaboration in expanding asset management services based on longterm, diversified, and saving-type investments (July)

Corporate business

- Launch of "DOCOMO Business Members" program (July)
- Launch of Japan's first drone plan ("LTE Jouku Riyou Plan") (July)
- Launch of "Google's Glass Enterprise Edition 2" (August)

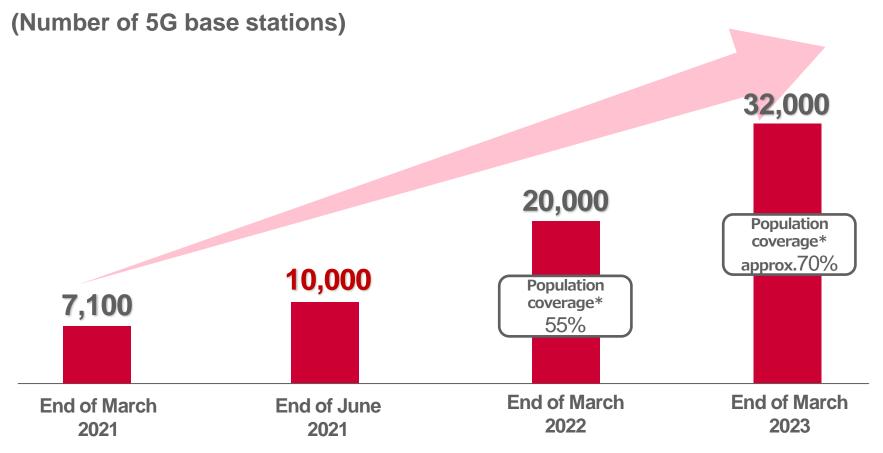
Research and development

- Commencement of demonstration experiment by NTT DOCOMO, NTT Urban Solutions, and NTT Urban Development on next-generation housing that uses Al and IoT (May)
- Release of "5G Open RAN Ecosystem" Whitepaper(June)

NTT DOCOMO Fast Expansion of 5G Area O



Number of 5G base stations reached 10,000 and is expanding steadily Introduction of 5G Core Network and launch of standalone 5G services planned for the third quarter



^{*}Population coverage of "Lightning Speed 5G" (Sub6 · mmW)

NTT DOCOMO Expansion of Customer Base © NTT

Expand customer base by offering rate plans and services catered to customer needs

Aim to grow 5G subscriptions to 10 million within FY2021

Addressing diverse customer needs

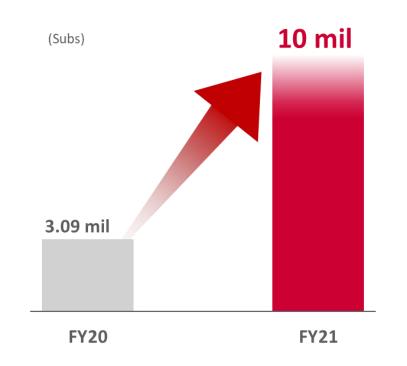
Premier プレミア Full support for varying family usage needs ranging from small allowances to unlimited data access







Expansion of 5G subscriptions



NTT DOCOMO Provision of 5G Solutions

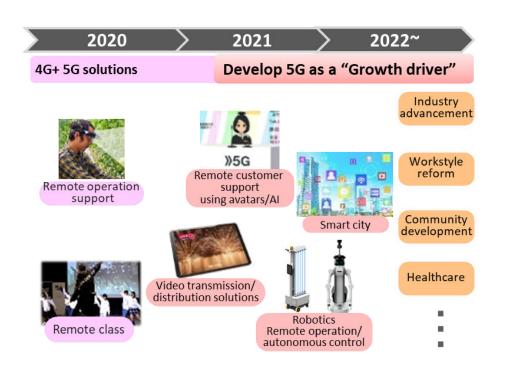


Expand and advance sectors by enrichment of 5G solutions, etc.

Accelerate growth through horizontal deployment in

Japan and overseas





Establishment of EARTHBRAIN Ltd. with Komatsu, Ltd.

Launch new DX business for the construction industry delivering improved safety, productivity and environmental performance.

To start July 2021



Introduce digital twins to realize construction sites of the future



Global deployment

NTT DOCOMO



Smart Life Business: Principal Services

Support

services





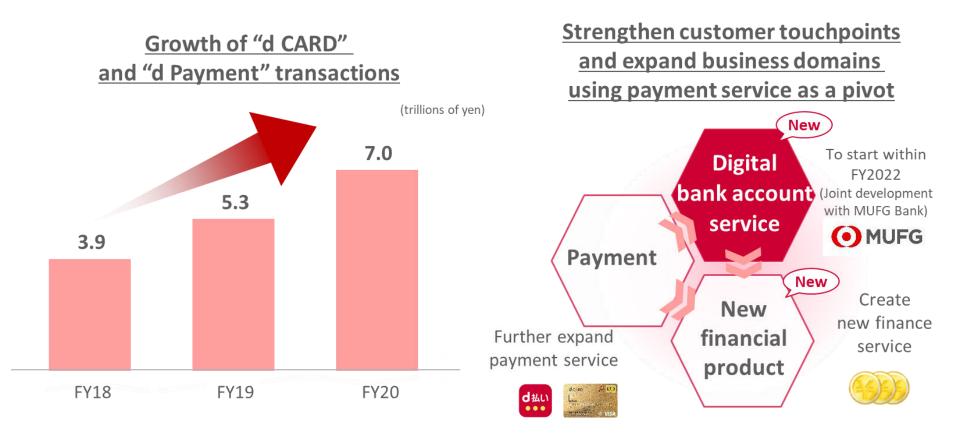






NTT DOCOMO Growth and Scope © NTT Expansion of Finance/Payment Business

Further grow finance/payment business by stimulating everyday use, and broaden scope of business by strengthening customer touchpoints and data utilization



NTT DOCOMO Creation of New Lifestyles



Reinforce video business leveraging 5G's unique properties and tackle new business development making use of our membership base

<u>Creation of new lifestyles combining</u> <u>video with real-world experience</u>

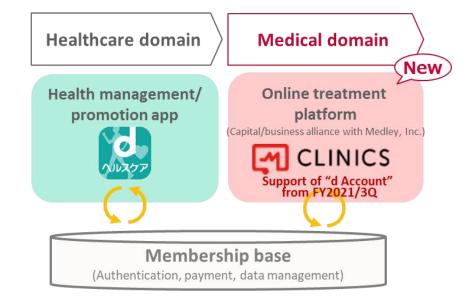


Further enrich movies, dramas, Korean films and animation offerings





Rollout of medical services based on online treatment



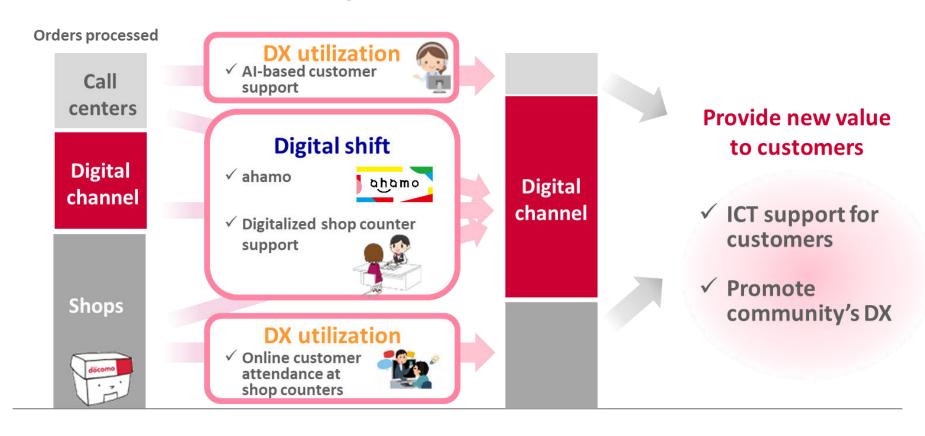
NTT DOCOMO



Digitalization of Sales Channel

Accelerate digital shift of sales channel and DX utilization responding to the needs of society

(Support digitalization and DX of customers)



NTT DOCOMO



Termination of FOMA (3G) Service

Terminate 3G service on Mar.31, 2026



♦ Stop accepting new applications for 3G after Mar.31 2020.



♦ Terminate service on Mar. 31, 2026

PREMIUM



♦ Max.download speed of 1.7Gbps to be offered from Mar. 2020













♦ Commercial launch in Mar. 2020







Fixed-line Communication Business

Local 5G utilization example

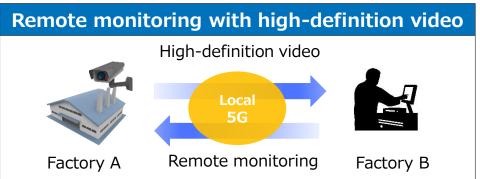


- Realizing the improvement of the manufacturing site by remote monitoring, etc. by utilizing local 5G, eliminates labor shortage and improves productivity .(Collaboration agreement with Yamaguchi Prefecture and joint experimental agreement with Hibiki Seiki Co., Ltd. April 4, 2020)
- Going forward, we will proactively expand the use cases of smart factories such as remote control to other fields and contribute to solving social issues in a new remote society.



Between factories

In the factory



Wireless connection of factory equipment Wireless connection Wired connection Machine tools, cameras Machine tools, cameras

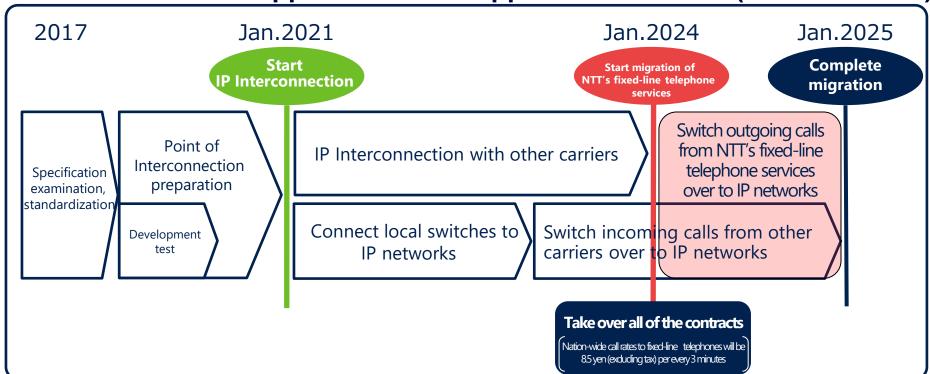
Providing new value by utilizing the characteristics of local 5G in a new lifestyle

Migrate PSTN to IP Networks



Simplify services and networks with IP networks

- Nation-wide call rates to fixed-line telephones will be 8.5 yen per every 3 minutes (from January 2024)
- Migrate tandem/signal transfer switches to IP, and connect to other carriers through IP (scheduled completion by January 2025)
- Continue use of copper lines and copper line terminals (local switches)



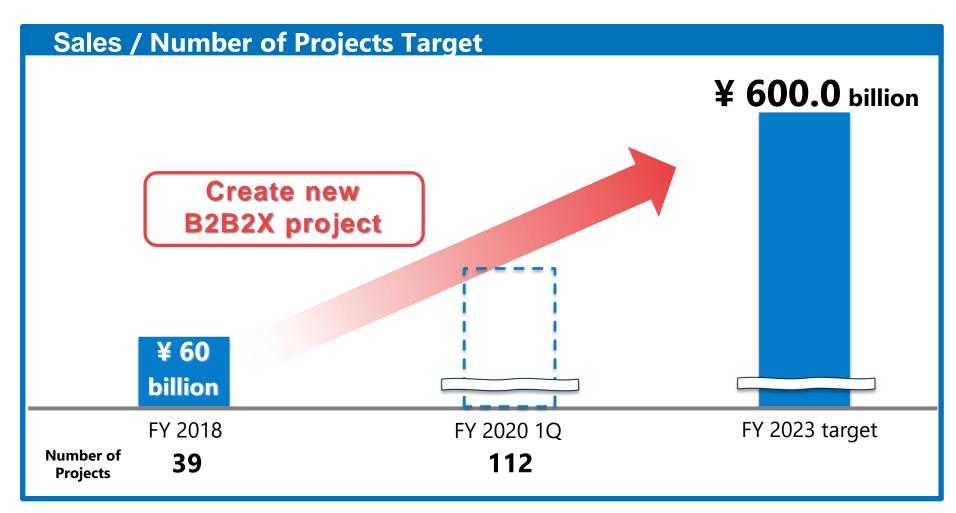


Other Businesses

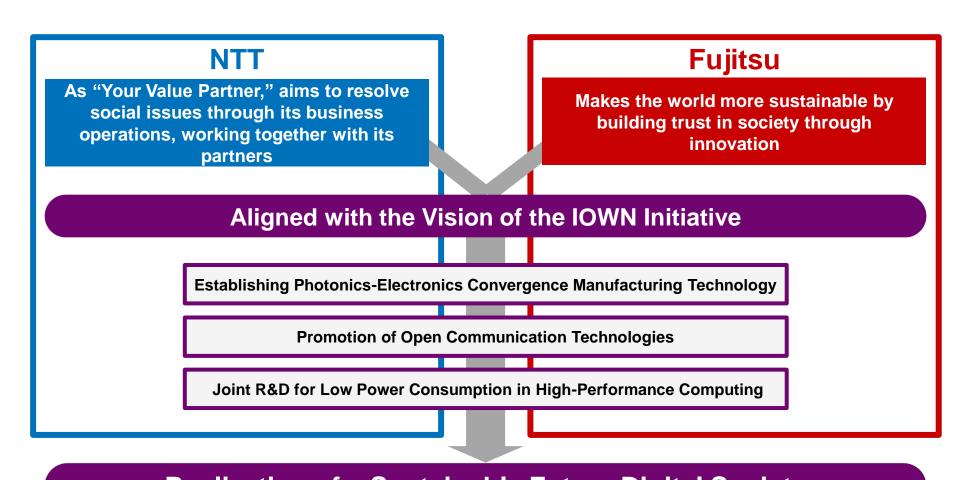
Promote B2B2X Model



- Number of B2B2X Projects: 112 (as of the end of July 2021)
- Set B2B2X Sales Target: ¥600.0 billion (for FY2023)



Strategic Business Alliance with Fujitsu for the "Realization of a Sustainable Future Digital Society" NTT



Create New Lines of Business(1)



We are rolling out urban development plans with maximum use of resources such as nationwide exchange station buildings by collaborating with NTT Group's regional bases and building partnerships with other companies and organizations.

Kyoto

Inheriting Japan's history and culture while creating a lively atmosphere

[ShinPuhKan, THE HIRAMATSU KYOTO, The Hotel Seiryu Kyoto Kiyomizu, etc.]

Osaka

Creating new appeal mainly in the city center as key areas of Kansai

[UD Midosuji Rebuilding Project, Hoenzaka CRE, Nakanoshima CRE, etc.]

Fukuoka

Aiming to grow as a hub for exchange in Asia by attracting visitors across a wide area and accumulating urban functions

[Resola Imaizumi Terrace, Tenjin CRE, Hakataeki Higashi 1-chome Project]

Nagasaki

Revitalizing urban functions in the central area in cooperation with local communities and developing new appeal for Nagasaki [Nagasaki CRE]

Main group resources

Telephone exchanges: approx. 7,000 locations Offices: approx. 1,500 locations Agreements with local governments: 78

Approx. 60 development projects and approx. 70 maintenance operations are underway nationwide

Sapporo

Creating a lively atmosphere that connects tourist resources centered around the Odori Park

Former HBC Headquarters Site Redevelopment Project, etc.]

Sendai

Establishing "Sendai Ecosystem" to develop a modern city that realizes a chain of innovation

[Sendai Chuo Building Redevelopment Project]

Tokyo Metropolitan Area

Creating new urban value and boosting the competitiveness of business areas through large-scale development

[Hibiya CRE, Shinagawa CRE, Otemachi CRE, Kanda Station West Exit Redevelopment, Shimbashi Station West Exit Redevelopment, Minami Aoyama Project, etc.]

Nagoya

Creating new appeal by taking advantage of the Sakae area's historicity, lively neighborhood atmosphere, and rich environment

[Urbannet Nagoya Nexta Building]

Create New Lines of Business(2)

FY2025 (Target)

Sales **Volume of** ¥600.0 Billion*

X Sales volume related to NTT Group energy related businesses

Promotion of Smart Energy Business

- Establishment of "NTT Anode Energy" (June 3, 2019)
- Efforts to popularize and expand the use of renewable energy
 - **■** Expansion of Green energy (capital tie-up etc.) Geothermal power July 2020 / Biomass August 2020 Wind power September 2020 / Solar power October 2020
 - Case studies Introduction of green power, including offsite PPAs, at some Seven & i Group stores (April 2021 : Solar power)

June 2019

Company **Formation** September 2019

Launch

Q

Business

Green power generation business

Increase of green energy for Zero Carbon

- Power retail and wholesale business etc.

Smart grid for local consumption of locally produced energy

Power storage station Business etc.

Applications and filings to

launch

business





Worldwide promotion of research and development



(1) Wireless

- Expanding wireless coverage and increasing capacity
- 6G strategy

Road to IOWN

Cognitive Foundation

(4) Disaggregated Computing / OS

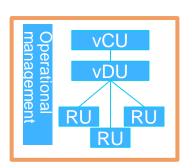
(2) All-Photonics Network (APN)

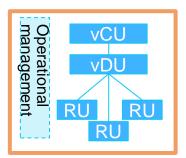
- LSI serving as a key to the APN

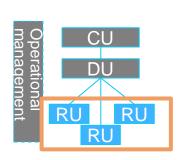
- (3) Digital Twin Computing (DTC)
- 4D digital platform™
- Digital twin devices

Open access networks (O-RAN plus vRAN)









Flexible and advanced operations

High availability Scalability Resilience

Virtualization

VRAN

Open networks

O-RAN

NEC

- Software technology
- Production technology

NTT

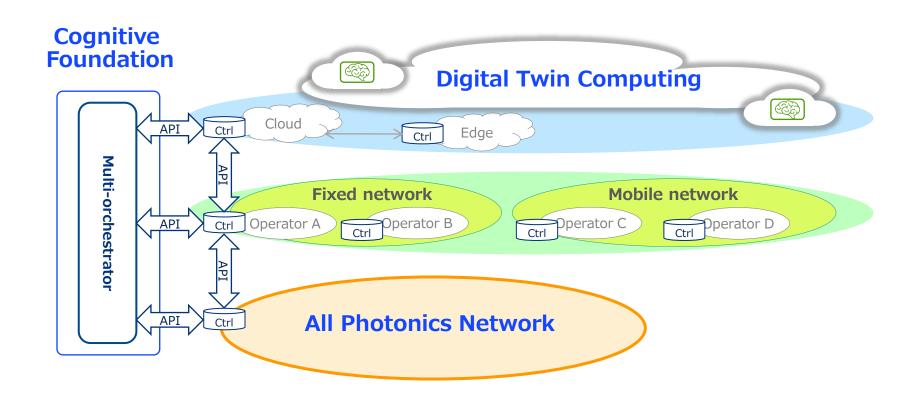
- Verification for practical use
- "OSS/BSS advancement"
 LSI development

Partnership

- Reaching a wide range of customers
- Providing proposal, installation support, and maintenance and operation services

Three elements that make up IOWN







Shareholder Returns/ ESG

Shareholder Returns (1)



Dividend Policy

 Basic policy is steady dividend increases

♦ Share Buybacks

 Carry out buybacks flexibly to improve capital efficiency

Shareholder Returns (2)

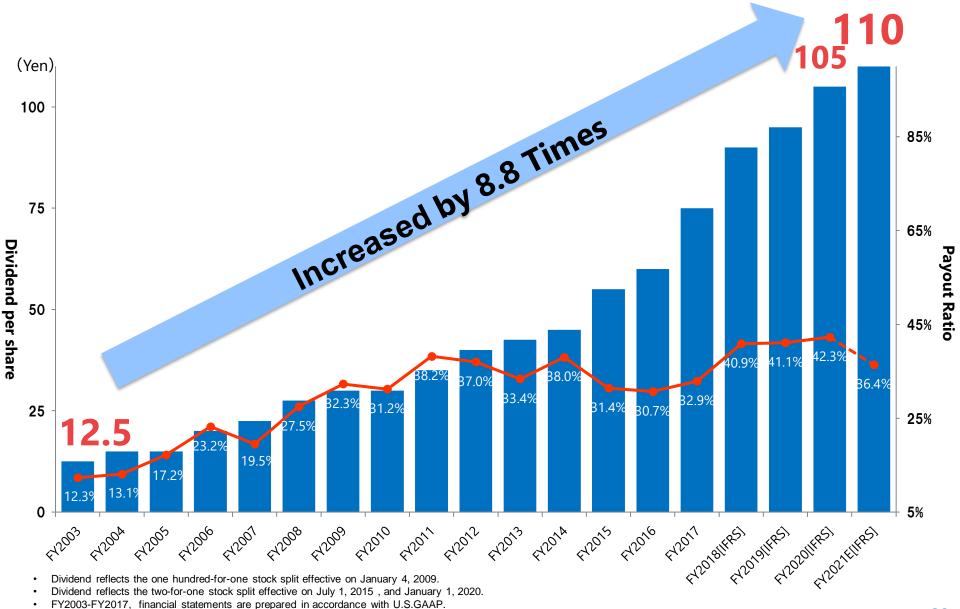


Share Buybacks

- Resolved to buy back shares in order to improve capital efficiency and enhance shareholder returns
- Details of Share Buybacks
 - Aggregate Amount: Up to ¥250.0 billion
 - Aggregate Number of Shares: Up to 100,000,000 shares
 - Buyback Period: From August 10, 2021 to March 31, 2022
- Based on the above, the FY2021 EPS target has been revised from ¥300 to ¥302 (an increase of ¥2)

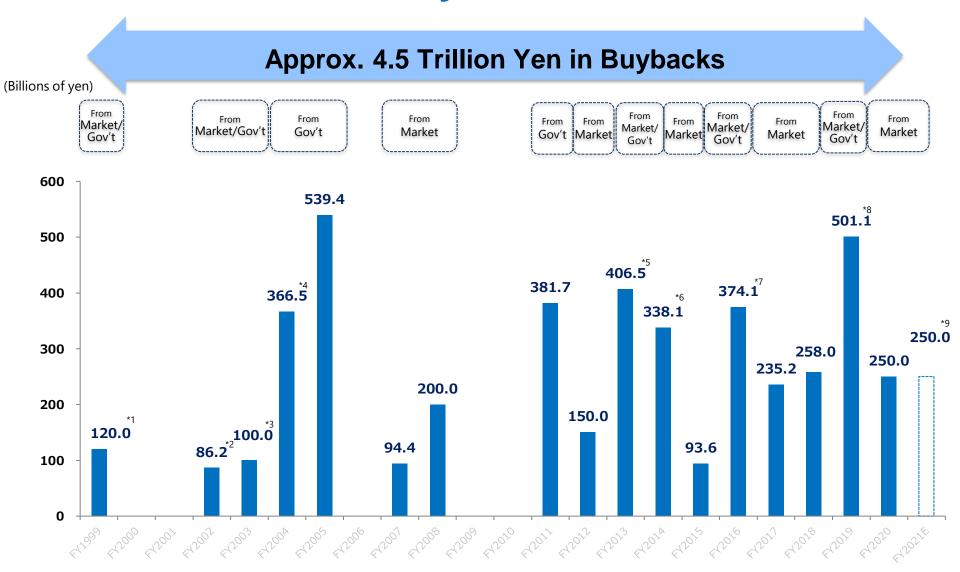
Changes in Dividend





Record of Share Buybacks





^{*1:}Market 48.0 billion yen, Gov't 72.0 billion yen *2:Market 46.6 billion yen, Gov't 39.6 billion yen *3:Market 61.0 billion yen, Gov't 39.0 billion yen *4:Market 0.1 billion yen, Gov't 366.4 billion yen *5:Market 253.2 billion yen, Gov't 153.3 billion yen *6:Market 101.2 billion yen, Gov't 236.9 billion yen *7:Market 106.9 billion yen, Gov't 267.2 billion yen

^{*8:}Market 251.6 billion yen, Gov't 249.5 billion yen

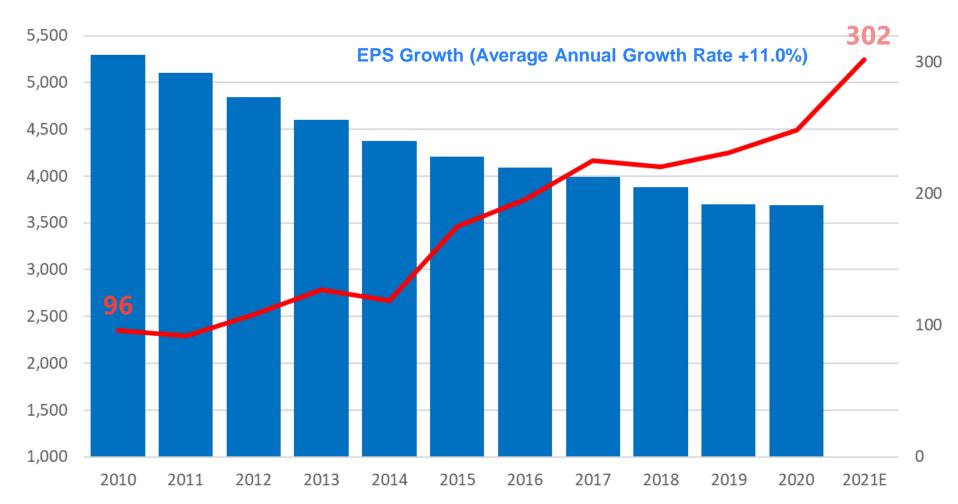
^{*9:}Aggregate Amount: Up to ¥250.0 billion Buyback Period: From August 10, 2021 to March 31, 2022 Copyright 2021 NIPPON TELEGRAPH AND TELEPHONE CORPORATION

Changes of EPS and Outstanding Shares



EPS(right axis)

(mil shares) (Yen)



(Note1) Outstanding Shares: Average number of shares outstanding, excluding own shares (Note2) This chart reflects the two-for-one stock split effective on July 1, 2015, and January 1, 2020.

Promote ESG Management (1)



Environment

- Reduce environmental impact
- Leverage ICT to contribute to the environment

etc.

Social

- Promote diversity
- Protect personal information
- Support customers in reinforcing information security
- Strengthen disaster countermeasures etc.

Governance

- Enhance structure on the basis of the intent of Japan's Corporate Governance Code
- Strengthen global corporate governance

etc.

- Capture business opportunities
- Minimize business risks



Ongoing improvements of corporate value

Promote ESG Management (2) NTT Green Innovation toward 2040



2030

80% Reduction in Greenhouse Gas Emissions (compared to FY2013)

Mobile (NTT DOCOMO)

Data Centers

Carbon-Neutral

2040

Carbon-Neutral

Targets of the Above Reduction Objectives

GHG Protocol: Scope 1 (our own direct greenhouse gas emissions) and Scope 2 (indirect emissions associated with the purchase of electricity, heat and steam that are provided by other companies)

Mobile :15 companies in the NTT DOCOMO Group (as of September 28, 2021)

NTT Group's Reduction Target (Scope 1+2): Upgraded to SBT's 1.5 °C level

Promote ESG Management (2)



Towards the Achievement of Carbon Neutrality

- Increased use of renewable energy: Reduce greenhouse gas emissions by 45%⁽¹⁾
- Lower energy consumption with IOWN technologies: Reduce greenhouse gas emissions by 45%⁽²⁾

2

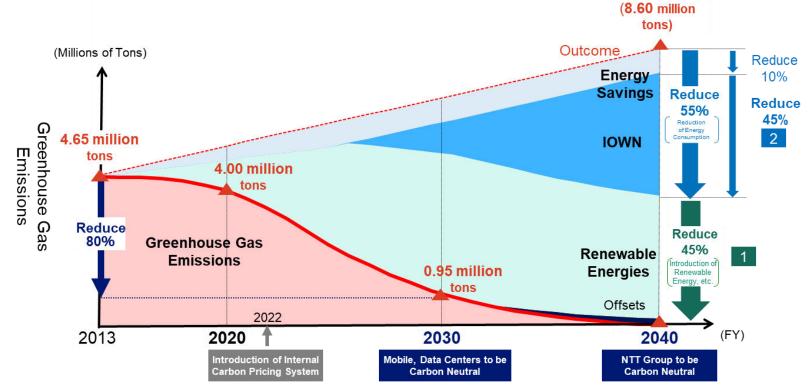


Illustration of NTT Group Greenhouse Gas Emission⁽³⁾ Reductions (Domestic + Overseas)

⁽¹⁾ Estimated Introduction of Renewable Energy (including actual renewable energy through Non-Fossil Fuel Certificates) → FY2020: 1.0 billion kWh; FY2030 to FY2040: around 7.0 billion kWh

The introduction of renewable energy will have the optimal types of energy determined on the basis of each country's energy composition, etc. Approximately half of the domestic renewable energy usage is anticipated to be from energy sources owned by NTT (FY2030).

⁽²⁾ Estimated Reduction of Energy Consumption through the Introduction of IOWN (Comparison to Outcome) → FY2030: (2.0) billion kWh ((15)%); FY2040: (7.0) billion kWh ((45)%) Percentage of Introduction of IOWN (Photonics-electronics Convergence Technologies, etc.) out of Total Energy Volume → FY2030: 15%; FY2040: 45%

⁽³⁾ GHG Protocol: for Scope 1 and 2

Promote ESG Management (3)



■ Enhancement of Governance

- Introduced the outside member of the board/executive officer system to major subsidiaries (NTT East, NTT West, NTT Com and NTT Urban Solutions)
- ② Expanded the scope of performance-based compensation from 30% to 50%, and introduced a new stock compensation system that better reflects medium- and long-term results
- 3 Changed the membership of the Appointment and Compensation Committee to consist of five members, including three independent outside Members of the Board

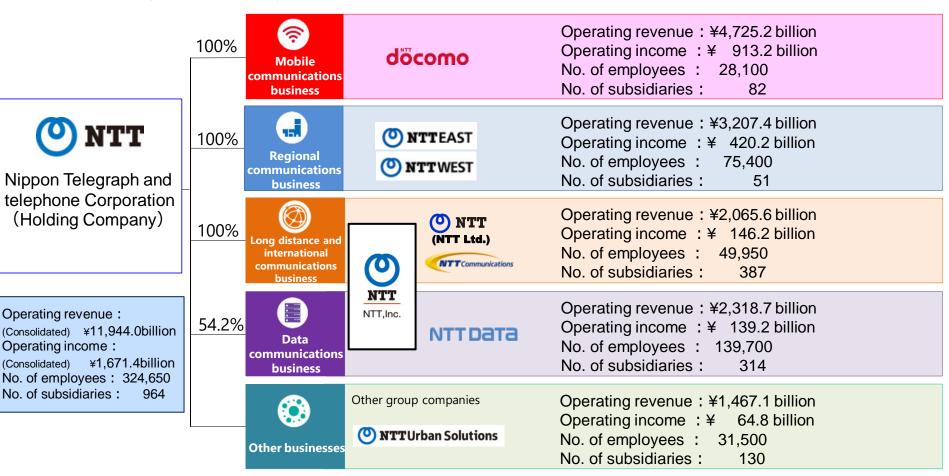


Financial Data, etc.

NTT Group Formation



Voting rights to major subsidiaries (As of March 31, 2021)

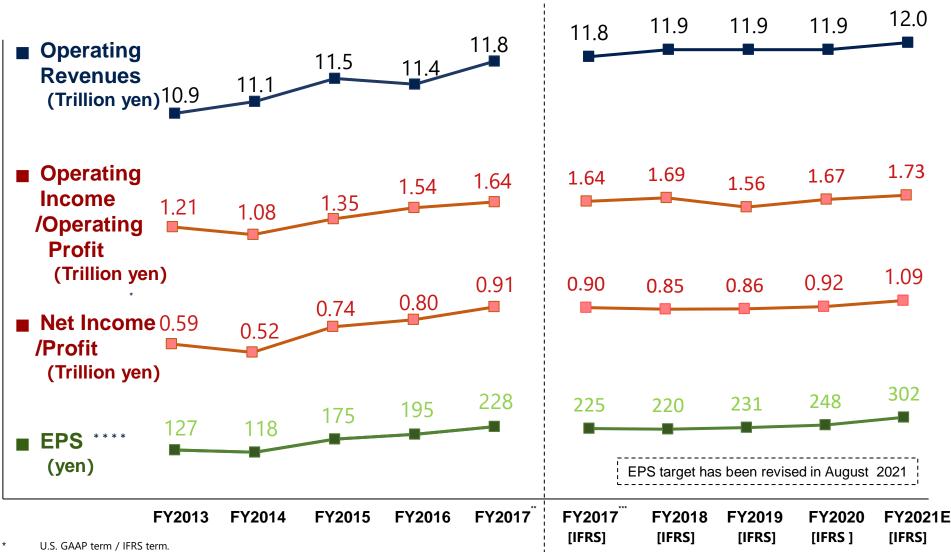


- Fiscal year ended March 2021. Operating revenue and operating income of each segment include inter-segment transactions.
- No. of employees and subsidiaries are as of the end of March 2021.

(Consolidated)

Trend in Consolidated Financial Results



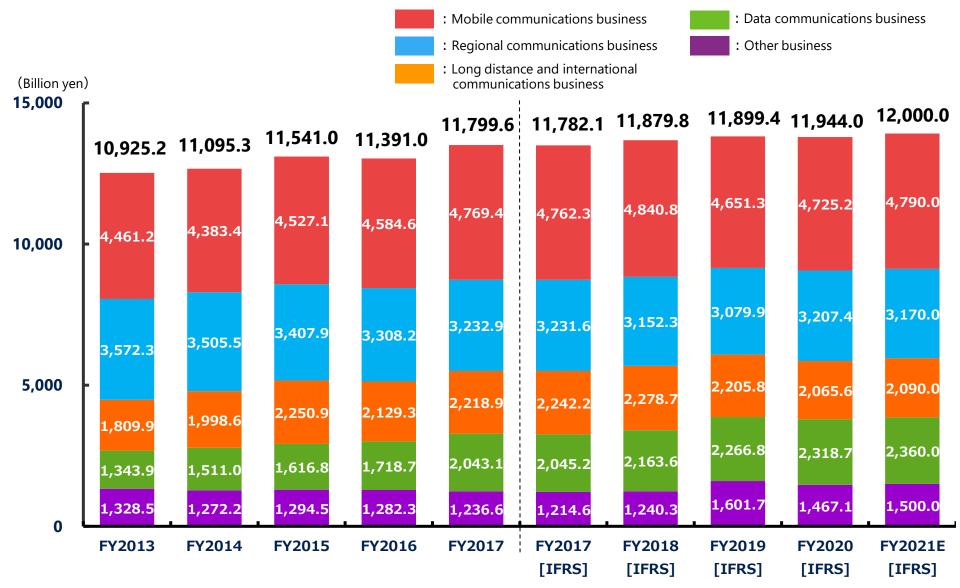


Excluding the effects of the arbitration award received from Tata Sons Limited, net income is expected to be 860 billion yen, EPS is 215 yen. Excluding the effects of the arbitration award received from Tata Sons Limited, profit is expected to be 848 billion yen, EPS is 212 yen.

EPS amounts reflect the two-for-one stock split effective on July 1, 2015, and January 1, 2020.

Changes in Consolidated Operating Revenues

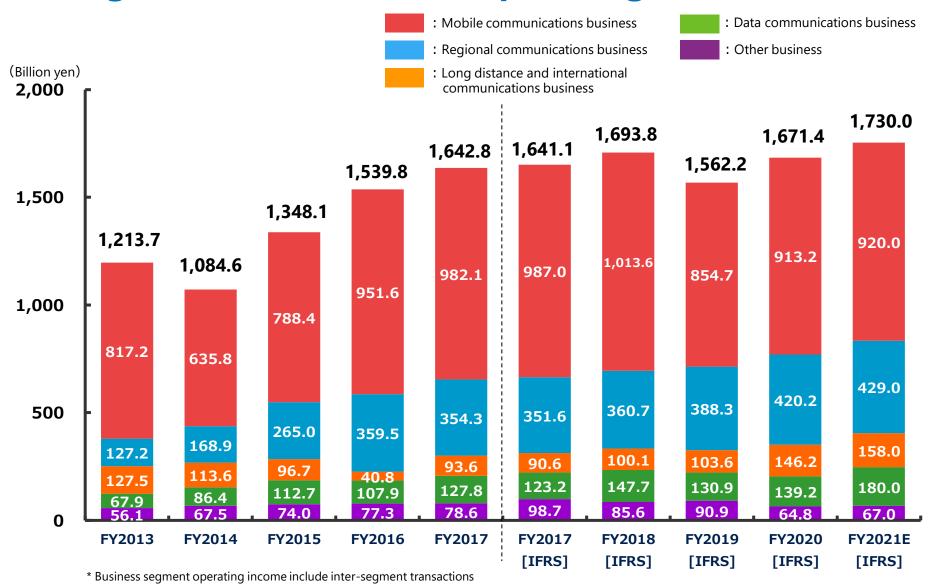




^{*} Business segment operating revenues include inter-segment transactions

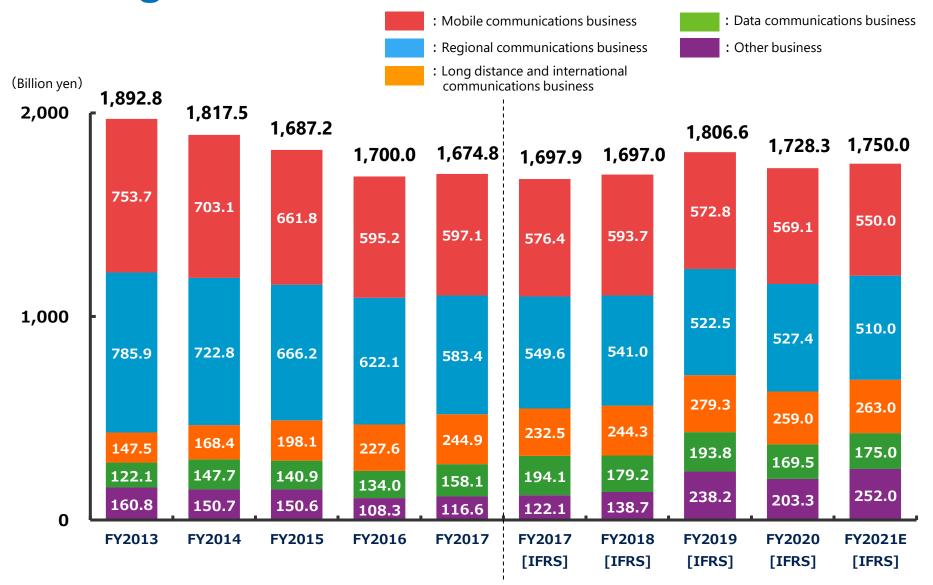
Changes in Consolidated Operating Income © NTT





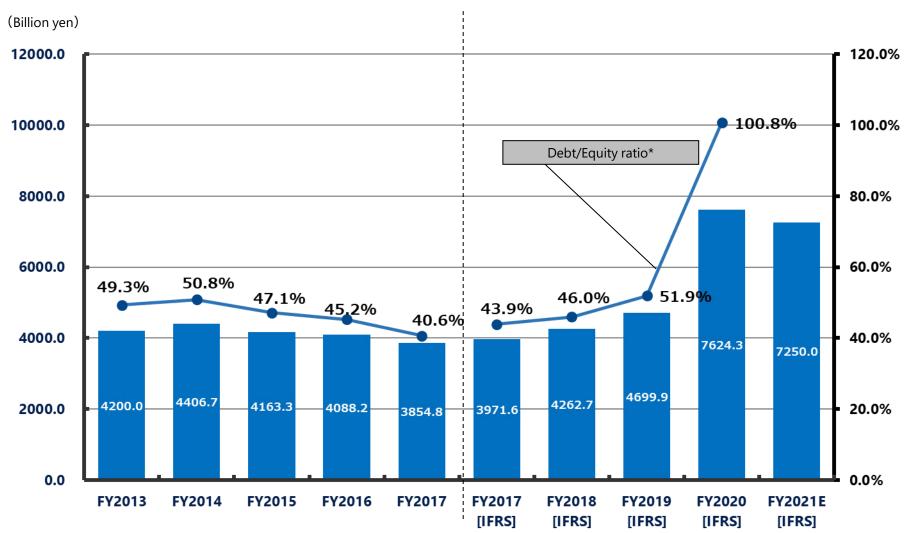
Changes in CAPEX





Changes in Interest-bearing Debt



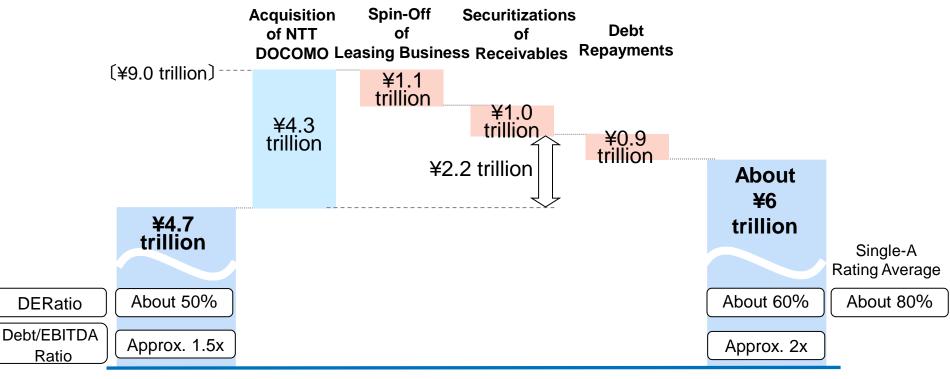


^{*} Debt Equity ratio = Interest-bearing debt / Shareholders' equity x 100

Medium-Term Debt Levels



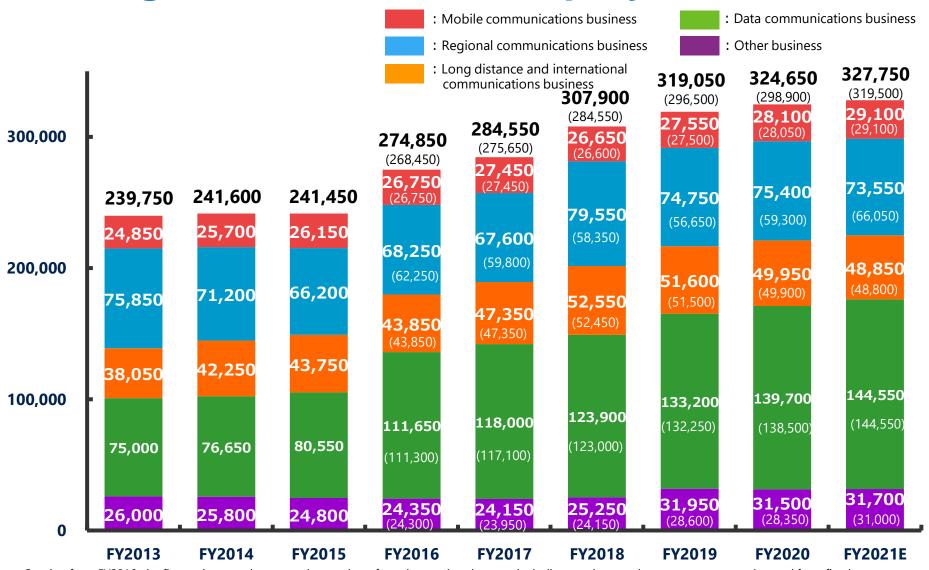
- Targeted debt levels are ¥6 trillion; includes the spin-off of the leasing business, securitizations of receivables and debt repayments of ¥0.9 trillion.
- Debt will be repaid while maintaining the same shareholder returns as before.
- No goodwill will be generated by the transaction to make NTT DOCOMO a wholly owned subsidiary.



FY2019 Amounts Target Levels

Changes in Number of Employees



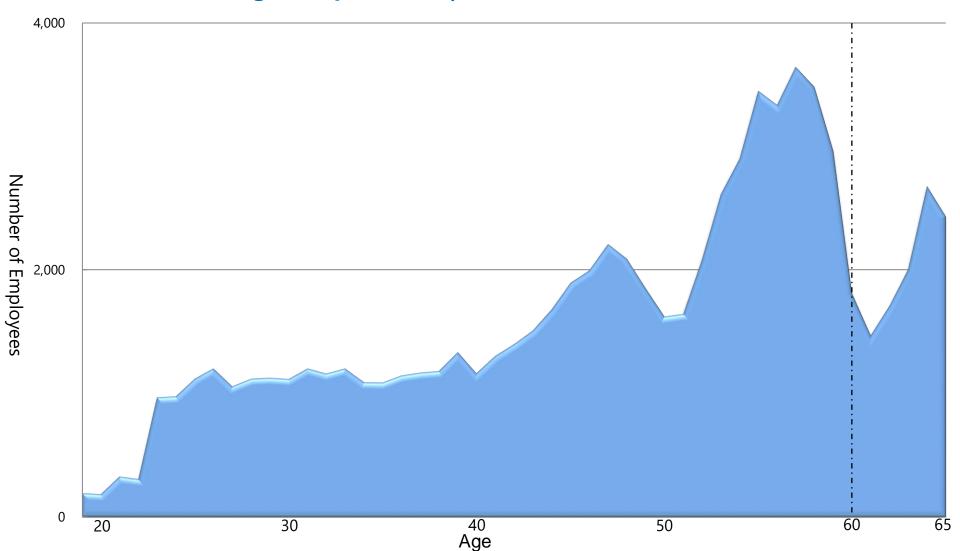


[•] Starting from FY2016, the figures in parentheses are the number of employees that does not including employees whose contracts were changed from fixed-term contracts to open-ended contracts.

Past figures have been retroactively revised as a result of expanding the scope of the personnel counted at certain overseas subsidiaries in Long distance and international communications business segment. (FY2017: +2,000 persons, FY2018: +4,550 persons)
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Age Distribution of Employees at NTT East, NTT West and "Outsourcing Companies" (As of March 31, 2021)





^{*} Figures for East Outsourcing Companies include employees from the consolidated regional outsourcing companies (NTT EAST-MINAMIKANTO and others), NTT-ME and NTT EAST SERVICE, while figures for West Outsourcing Companies include NTT BUSINESS SOLUTIONS, NTT MARKETING ACT, NTT NEOMEIT, NTT FIELDTECHNO and NTT BUSINESS ASSOCIE WEST. Figures for those companies include the number of more than 60-year-old contracted employees.

Changes in Personnel expenses (NTT East Group, NTT West Group)



(Billion yen)



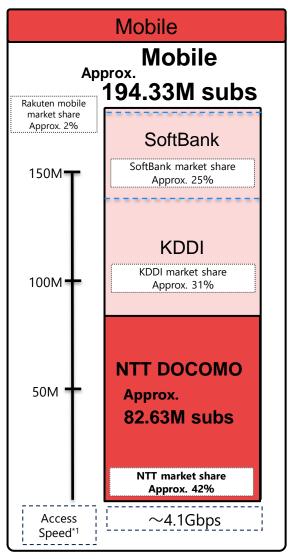
^{*} The scope of aggregation for each of the figures are not audited and are provided for reference only.

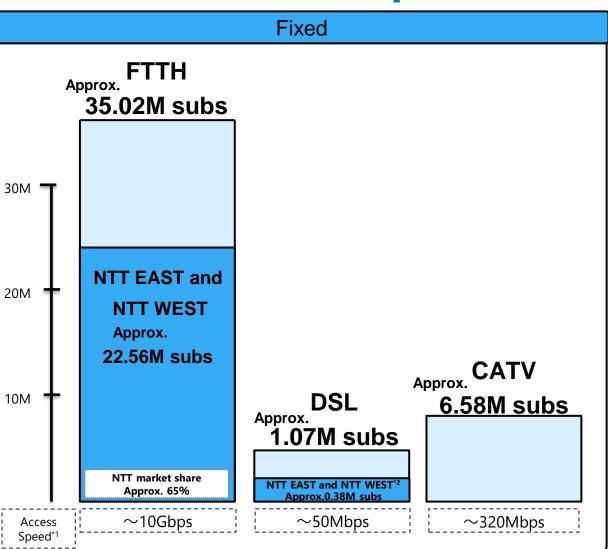
(FY2011~FY2016: U.S. GAAP-based figure, FY2017~FY2021E: International Financial Reporting Standards (IFRS) –based figure)

NTT East Group: The figures presented for NTT East group is internal management figures after eliminating internal transactions between NTT East and its subsidiaries.

NTT West Group: The figures presented for NTT West group is internal management figures after eliminating internal transactions between NTT West and its subsidiaries.

Broadband Access Services in Japan © NTT



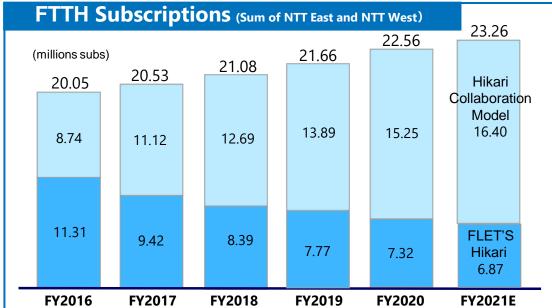


^{*1} Figures for access speed are the speeds of typical commercial services, and are the maximum values of the best-effort traffic.

^{*2} Stopped accepting applications from July 1,2016. (Source) MIC data (As of the end of March 2021)

Fixed Broadband Business FTTH Subscriptions

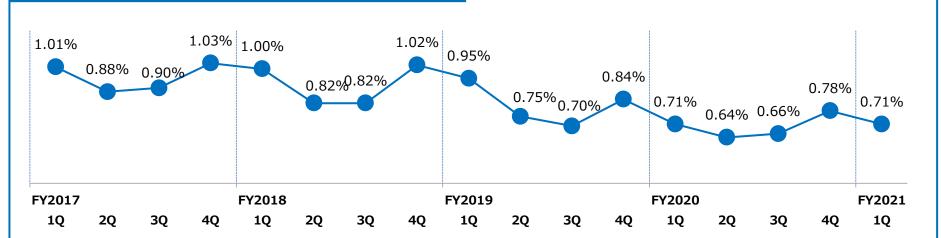




Reference:

FY2021E Breakdown of FTTH Subscriptions		(millions subs)
		FY2021E
Total FTTH Service: Change from preceding Fiscal Year		+0.70
Hikari Collabo- ration Model	(1) Number of opened connections	+2.55
	Number of switchover lines	+0.55
	(2) Number of cancellations	(1.40)
	Net Increase (1)+(2)	+1.15
FLET'S Hikari	(1) Number of opened connections	+0.65
	(2) Number of cancellations	(1.10)
	Number of switchover lines	(0.55)
	Net Increase (1)+(2)	(0.45)

FTTH Churn Rate* (Sum of NTT EAST and NTT WEST)

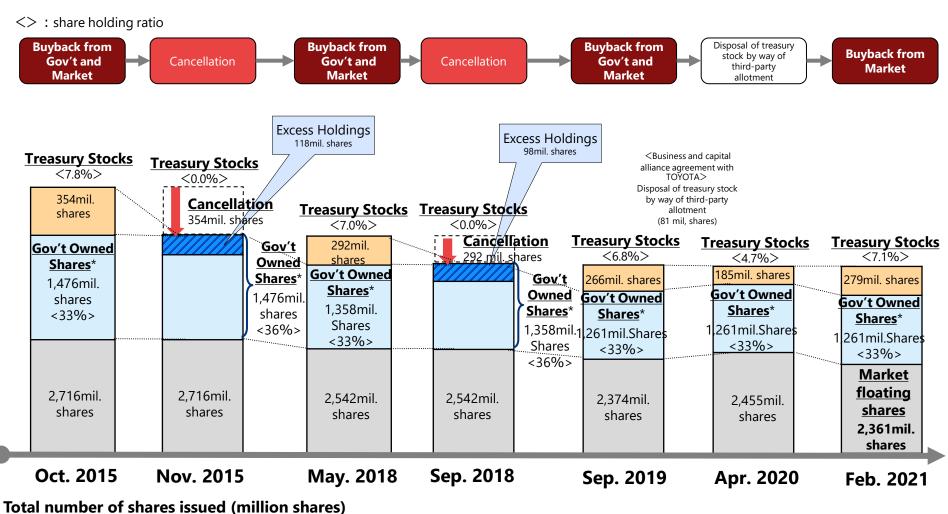


^{* &}quot;Sum of number of churn for each month of each quarter"/"Sum of number of active subscribers** for each month of each quarter"

^{**} Active subscribers = (number of subscribers at end of previous month + number of subscribers at the end of the current month) / 2

Share Buybacks and Cancellation





iotal number of shares issued (million shares)

4,547 4,193 3,901

Number of shares reflect the two-for-one stock split effective on January 1, 2020.

^{*} Mandatory (minimum) number of shares to be held by the Government under the NTT Act = (total number of shares issued – 60 million shares issued at the IPO in 2000) ×1/3 (The number of shares issued after the initial listing are not to be included in the calculations. (NTT Act, supplementary provision 13))



Your Value Partner





*The Document submitted for the commission at the Ministry of Internal Affairs and Communications

Matters Currently under Consideration to Strengthen Collaboration after Making NTT DOCOMO a Wholly Owned Subsidiary

December 25, 2020



These materials include a discussion of matters which are currently under consideration as of the date hereof and which are all subject to change in the future.

Objectives and Initiatives



- NTT DOCOMO will utilize the capabilities of NTT Communications and NTT Comware and promote new services/solutions and the development of 6G-focused communications infrastructure that integrates mobile and fixed-line services, to evolve into a comprehensive ICT company that also provides upper-layer services
- Advancing the initiatives below will contribute to enhancing the international competitiveness of Japanese industry, resolving social issues, maintaining a reliable and secure communication infrastructure and achieving the development of the telecommunications industry and services that provide high levels of customer satisfaction

1 Strengthening Corporate Sales Capabilities

- ✓ Creating services that integrate mobile and fixed-line services.
- Creating integrated solutions through the combination of clouds and data

2 Strengthening Service Creation Capabilities

- Strengthening the smart life business and creating new businesses by collaborating with partners
- ✓ Strengthening software development capabilities and improving user experience

③ Strengthening Cost Competitiveness

 Optimizing resources and assets related to networks, buildings, IT infrastructure, etc.

4 Strengthening R&D Capabilities

- ✓ 6G-generation core network that spans mobile and fixed-line services
- ✓ Realization of the IOWN concept
- ✓ Research and development related to O-RAN + v RAN

Timeline for Implementation



■ Transformation into a new DOCOMO Group is planned to be implemented through the following two steps

STEP 1



STEP 2

(Proposed for Summer 2021)

- Making Communications and Comware into subsidiaries of DOCOMO
- Strengthening collaboration in the research and development capabilities of the NTT holding company and DOCOMO

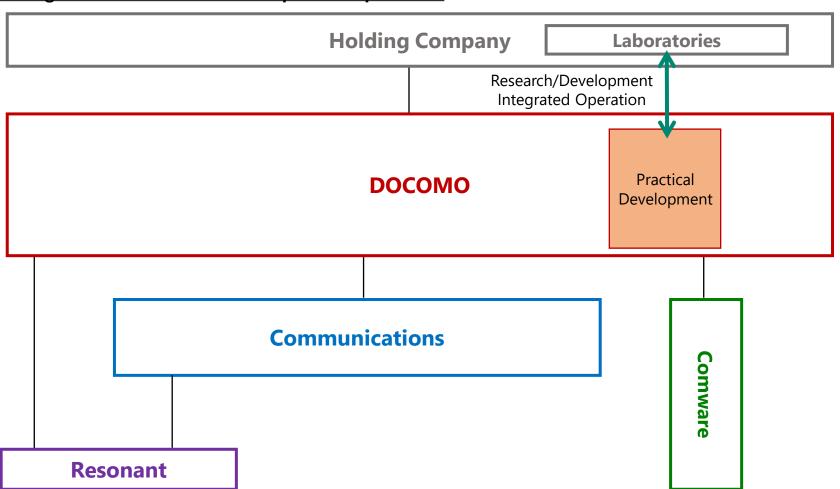
(Proposed for Spring/Summer 2022)

 Allocating functions between DOCOMO, Communications and others

Matters Currently under Consideration <STEP 1>



- Making Communications and Comware subsidiaries of DOCOMO
- Research and development functions will be operated in an integrated manner to strengthen 6G and IOWN development capabilities



Matters Currently under Consideration <STEP 2> 1



Allocation of Functions between DOCOMO, Communications, Comware and Others

- ✓ Sales for individual customers will be primarily conducted by DOCOMO. For the MVNO and ISP businesses, VNE business will primarily be the responsibility of Communications, and business for individuals will be conducted by Resonant
- ✓ For corporate business, Communications will implement centralized customer services and strengthen its capabilities in developing and proposing new services that integrate fixed and mobile communications
- ✓ For Smart Life business, DOCOMO will collaborate with Communications, partner companies and others to achieve business expansion and the development of new types of business
- ✓ DOCOMO will collaborate with Communications to promote the optimization of facilities and the development of networks that integrate mobile and fixed-line services
- ✓ Comware will support software development for the new DOCOMO group and strengthen service creation capabilities

Matters Currently under Consideration <STEP 2> 2



 Allocation of Functions between DOCOMO, Communications, Comware and Others

