

NTT Group Green Finance Framework

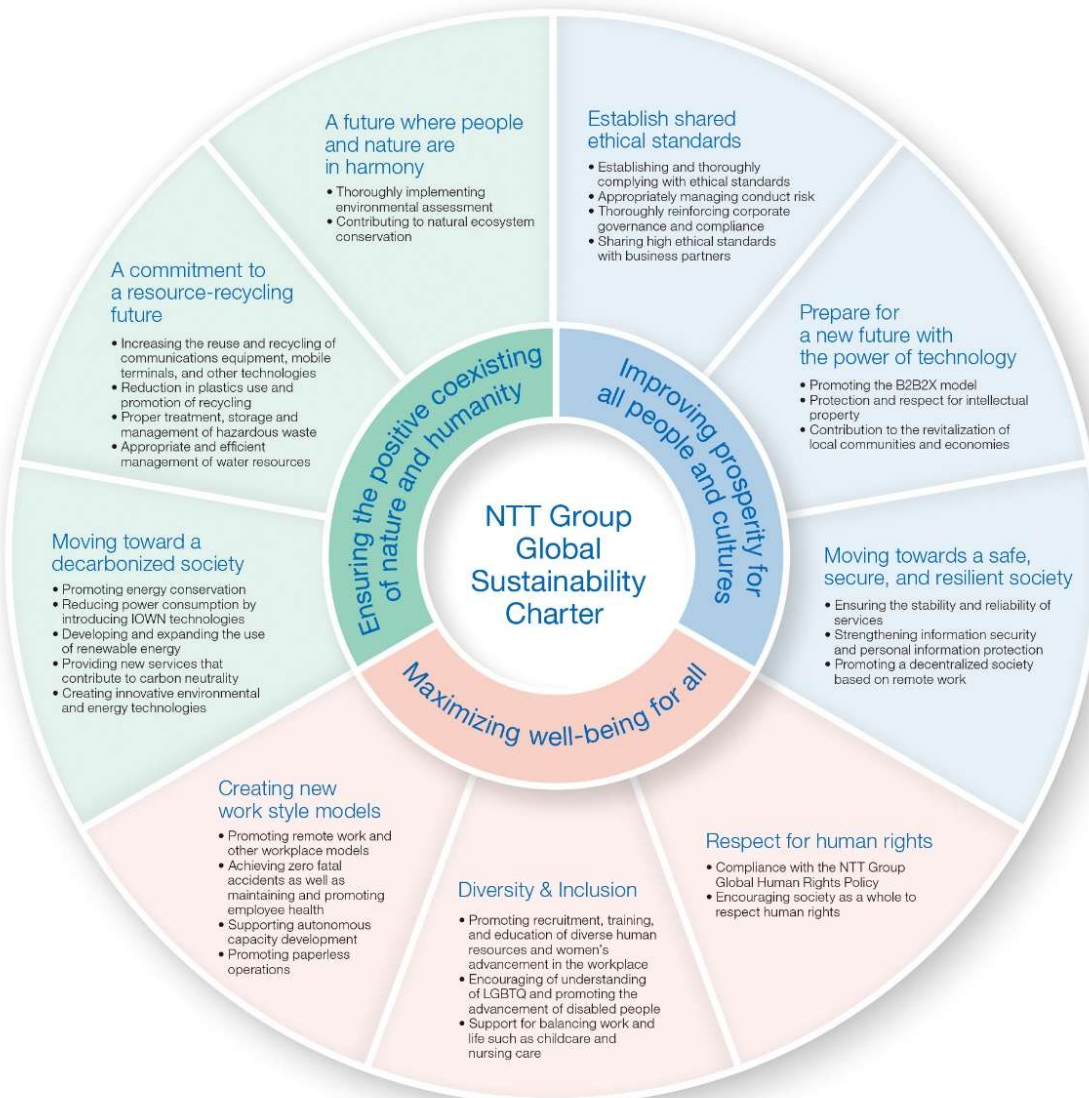
June 2022

Introduction

For a sustainable society, we need to consider current and future issues that will challenge us. These challenges include global and local social problems, environmental obligations, future epidemics and natural disasters, equitable economic prosperity, human rights issues, and technology's power for good or harm. People can interpret an event or reality very differently depending on their perspective. The constant and increasing flow of information in today's world, combined with many diverse values and beliefs, can result in multiple points of view based on the same facts. Because of this, many ideas, perceptions, and values that seem contradictory exist simultaneously. However, to create a more harmonious society, these ideas need to coexist in a paraconsistent manner. In other words, accepting that contradictory views can be true and are accommodated in a nondiscriminatory way. This approach will lead to a clearer recognition and a greater understanding of potentially conflicting ideas and values. Only in this way can we together take the right actions to help create a better society with more acceptance, prosperity and a long-term sustainable future for all. To help realize this harmonious society, the NTT Group officially announced the restructuring of its existing CSR Charter and has established the NTT Group Global Sustainability Charter in November 2021 which meets the global standard by including SDGs, ESG and CSV initiatives. The NTT Group will promote sustainable initiatives to achieve growth while simultaneously contributing to resolving social issues. These initiatives will focus on the following three areas; 1) Ensuring the coexistence of nature and humanity, 2) Improving prosperity for all people and cultures, and 3) Maximizing wellbeing for all. They will be supported by NTT's IOWN concept, based on high ethical standards, and depend on cutting-edge technologies and innovation.

Especially for NTT Group, which uses approximately 1% of Japan's total power generation (FY2015) for its business activities, climate change is one of the most critical social issues. NTT Group has contributed towards the achievement of a more sustainable economy by offering products and services utilizing ICT (information and communication technology), and we believe further efforts and new approaches are becoming increasingly necessary at a time when taking action to address climate change on a global scale has become critical. NTT Group has established its Green Finance Framework as part of its initiatives to move toward a decarbonized society. NTT Group intends to utilize the proceeds from the green bond and green loan for sustainable growth by solving social issues identified in the framework.

3 Themes	Ensuring the coexistence of nature and humanity	Improving prosperity for all people and cultures	Maximizing wellbeing for all
	Moving towards a decarbonized society	Establish shared ethical standards	Respect for Human Rights
	A commitment to a resource-recycling future	Prepare for a new future with the power of technology	Diversity & Inclusion
9 Challenges	A future where people and nature are in harmony	Moving towards a safe, secure, and resilient society	Creating new work style models
	<ul style="list-style-type: none"> ① Promoting energy conservation ② Reducing power consumption by introducing IOWN technologies ③ Developing and expanding the use of renewable energy ④ Providing new services that contribute to carbon neutrality ⑤ Creating innovative environmental and energy technologies ⑥ Increasing the reuse and recycling of communications equipment, mobile terminals, and other technologies ⑦ Reduction of plastic use and increased recycling ⑧ Properly treating, storing, and managing hazardous waste ⑨ Appropriate and efficient managing water resources ⑩ Thoroughly implementing environmental assessment ⑪ Contributing to natural ecosystem conservation 	<ul style="list-style-type: none"> ⑫ Establishing and thoroughly complying with ethical standards ⑬ Appropriately managing personal and group conduct risk ⑭ Thoroughly reinforcing corporate governance and compliance ⑮ Sharing high ethical standards with business partners ⑯ Promoting the B2B2X model ⑰ Protecting and respecting intellectual property ⑱ Contributing to the revitalization of local communities and economies ⑲ Ensuring the stability and reliability of services ⑳ Strengthening information security and personal information protection ㉑ Promoting a decentralized society based on remote work 	<ul style="list-style-type: none"> ㉒ Complying with the NTT Group Human Rights Policy ㉓ Encouraging society as a whole to respect human rights ㉔ Promoting recruitment, training, and education of diverse human resources and women's advancement in the workplace ㉕ Encouraging of understanding of LGBTQ and promoting the advancement of disabled people ㉖ Supporting for balancing work and life such as childcare/nursing care ㉗ Promoting remote work and other workplace models ㉘ Achieving zero fatal accidents as well as maintaining and promoting employees' health ㉙ Supporting autonomous capacity development ㉚ Promoting paperless operations
30 Activities			

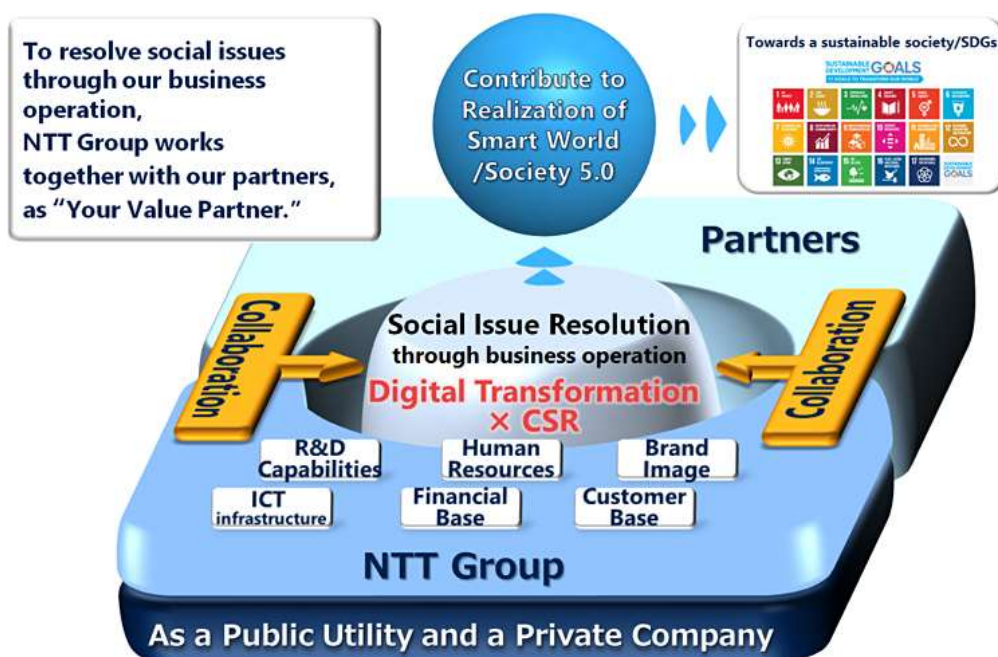


1. Vision of NTT Group

As an organization that has some elements of a public utility and some elements of a private company, NTT Group makes full use of various business resources and capabilities, including research and development, ICT infrastructure and personnel, to solve social issues by promoting digital transformation and sustainability through collaborations with our partners. In NTT Group, we believe that people are at the center of everything we do, and we look for a high level of service expertise, technical expertise, and intelligence. We also have shared values that are our DNA: Connect, Trust and Integrity. Our vision and aims are the foundation of the common dream for the future shared by our 300,000 personnel working in around 90 countries and regions. We strive to be a valuable presence for our customers, shareholders, communities, employees and all of our other stakeholders by accelerating our internal reforms for a new and more open, global and innovative NTT so that you will continue to choose us as “Your Value Partner”.

In today’s world, various social issues are emerging: population growth, resource and water shortages on a global scale, decreasing birthrate and an aging population in Japan, etc. In order to address such issues, promotion of digital transformation utilizing ICT (information and communication technology) is necessary in all aspects.

NTT Group believes solving such issues will contribute to building a society utilizing ICT and contribute towards the United Nation’s Sustainable Development Goals.

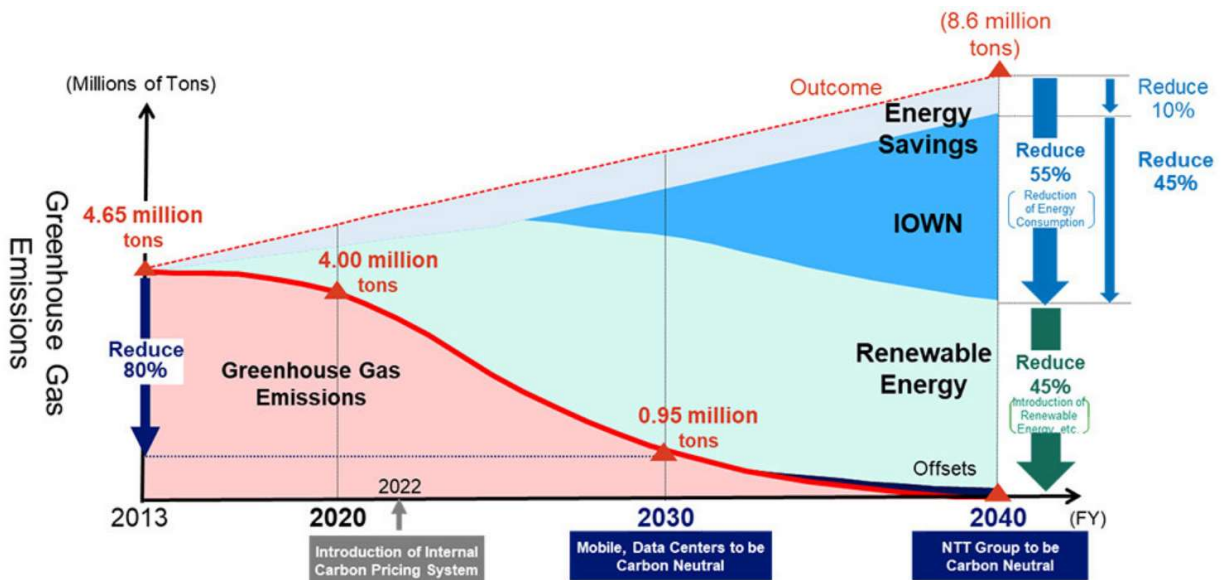


2. Commitment to Environmental Issues

Reducing emissions of CO₂ and greenhouse gases is critical as humanity battles climate change. In addition, efforts to cope with the impacts of climate change are becoming increasingly important. There is growing demand for energy efficient ICT products and services as energy consumption continues to grow. Meanwhile, ICT is able to contribute to energy saving in society, reduction of CO₂ emissions and climate change mitigation measures. NTT Group aims to contribute to the achievement of a low-carbon economy by developing and spreading energy efficient ICT services and state of the art technologies, in addition to the reduction of CO₂ emissions stemming from the group’s own business operations.

NTT Group formulated the Environment and Energy Vision in May 2020 to promote ESG management. The vision consists of four core initiatives: 1) promoting renewable energy, 2) reducing climate change impact through ICT technologies, 3) developing innovative and environmentally friendly technologies, and 4) realizing extremely low power consumption. We will help reduce environmental impact for customers, companies, and society at large by pursuing business activities toward reducing that impact through our R&D for generating breakthrough innovations.

In September 2021, NTT Group refined the objectives of the “Environment and Energy Vision” and set and released our new environmental energy vision of “NTT Green Innovation toward 2040,” a well-defined goal of realizing carbon neutrality by 2040, including an action plan and interim GHG emission reduction targets.



NTT Group’s Pathway to Green House Gas reduction (Japan and international)

- **Greenhouse gas reduction target (Scope 1 + Scope 2) * SBT 1.5°C-aligned target**

Fiscal year	Major target
2030	NTT Group reduces greenhouse gas emissions by 80% (compared to FY2013) Mobile (NTT Docomo) and Data Center achieve net zero greenhouse gas emissions (carbon neutral)
2040	NTT Group achieves net zero greenhouse gas emissions (carbon neutral)

- **Major Initiatives for reduction**

	Reducing the environmental impact of our business activities	Creating innovations
Green by ICT Contribution to reduction of environmental impact of society	> Reducing the environmental impact of society	> Creation of innovative environmental energy technologies
Green of ICT Control of environmental impact of our group	> Introduction of IOWN and expansion of renewable energy	> Realization of Overwhelmingly Low Power Consumption > Creation of decentralized technologies

1) Reducing environmental impact on society

We believe that ICT will play an instrumental role in reducing the impact of climate change at large. For example, teleworking, digitization of the value chain, and computerization are all expected to limit overall energy usage throughout society. We will reinforce our efforts to reduce the environmental load of society by applying ICT.

Specifically, NTT group will contribute towards GHG emission reduction by expanding the adoption of IOWN*1 technology from telecommunications field to other industries, offering new services to contribute to carbon neutrality, etc.

We will also pursue initiatives for creating a closed loop society, such as by reducing the use of plastics and promoting recycling.

2) Development of innovative environmental and energy technologies

We will address climate change and other environmental issues by developing innovative technologies in

addition to promoting a shift to renewable energy use in our operations. In July 2020, we established the Space Environment and Energy Laboratories for regenerating the global environment and realizing a sustainable and inclusive society. We will create technologies that will drive innovation in the field of smart energy, including next-generation energy, and for the future of the global environment. We also became the first private company in Japan to conclude a Long-Term Non-Commercial Cooperation Agreement with the International Fusion Energy Organization (IFER). We plan to successfully develop nuclear fusion reactors that hold significant promise as a future source of energy by offering support through IOWN's ultra-low-latency, high-speed, large-capacity data transmission and simulations based on digital twin computing.

3) Introduction of IOWN technology and acceleration of renewable energy use

We will actively incorporate renewable energy to meet our need for electricity, the major source of the NTT Group's greenhouse gas emissions. In 2020, we have declared our quantitative goal to increase the proportion of renewable energy use by the NTT Group as a whole by 30% or more by fiscal year 2030. In 2021, NTT Group raised and declared its GHG emission reduction target to 80% compared to fiscal year 2013 by fiscal year 2030, and reach carbon neutrality by fiscal 2040. To achieve the targets by fiscal year 2040, we plan to reduce GHG emission by 45% through the introduction of IOWN technology and renewable energy. Moreover, we declared that by fiscal year 2030, around 50% of renewable energy usage in Japan will be generated from electric power sources owned by the NTT Group. To achieve this goal, the NTT Group will develop renewable energy sources and promote a shift towards at its domestic office buildings, telecommunications buildings, data centers and research laboratories. Specifically, we will drive the effort for GHG emission reduction in supply-chain with the introduction of internal carbon pricing from fiscal year 2023, and enhance localization of energy production and consumption by strengthening renewable energy facility development and settlement. As a concrete initiative for reducing the environmental impact of our business activities through the promotion of renewable energy, NTT began participating in the SBT^{*1} international climate change initiative in May 2020 and declared its support for the TCFD^{*3}.

4) Realization of extremely low power consumption and creation of decentralized technologies

We will pursue efforts to realize the IOWN initiatives announced in May 2019, which are expected to vastly reduce the power consumption of computers and networks by applying optical technologies. As part of this drive, we concluded a three-year joint research agreement with Intel Corporation, our partner in the IOWN Global Forum. Together, we will create IOWN technology as the communications infrastructure of the future that will break through current technological limits in areas such as significantly reducing electricity consumption. With introduction of IOWN in business activities, NTT Group has set targets of 15% and 45% power usage reduction by fiscal year 2031 and year 2041, respectively. We will harness the NTT Group's industry-leading technologies in photonics, digital signal processing (DSP), computing

and network infrastructure management with Intel's abundant technological portfolio, support systems, and expert knowledge in hardware and software to develop technologies for processing the explosive rise in data volume, which is necessary for realizing a smart and connected world.

*1: IOWN(Innovative Optical and Wireless Network) : IOWN is an innovative network and information processing platform featuring ultra-high capacity, ultra-low power consumption and ultra-low latency, built around a breakthrough photonic technology, optimizing the individual with the whole based on all kinds of information and creating a society open to diversity.

*2: Science Based Targets: Greenhouse gas reduction targets set by companies to be attained in five to fifteen years that are consistent with the levels required by the Paris Agreement; limiting the increase in global temperatures at well below 2°C (WB2°C) or below 1.5°C as measured against the pre-industrial revolution era.

*3: Task Force on Climate-related Financial Disclosures established by the Financial Stability Board in response to a request from the G20 countries as a framework for corporate information disclosure on climate change initiatives.

3. Organization for Sustainability Implementation

In November 2021, the NTT Group moved to a new organizational structure by establishing the “Sustainability Committee” under the Board of Directors, chaired by the Chief Executive Officer. This is to review and discuss strategies concerning sustainability, the status of implementation of activities, and information disclosure, and implements relevant initiatives. The Sustainability Committee includes the Corporate Ethics Committee, Human Rights Committee, and Green Innovation Committee to handle the individual topics relevant to each sub-committee. Efforts towards sustainability throughout the entire group are also implemented by holding Group Sustainability Committee meetings (with senior executive vice presidents of major group companies). The meetings are for sharing common challenges and successful examples from each Group company, and for monitoring progress on sustainability implementation with respect to PDCA cycles and further promoting a sense of unity throughout the group.

1) Evaluation	The viability, effectiveness, and progress of measures are checked every year by employing the PDCA cycle to review and expand the focus of activities. Attainment levels are also linked to the evaluation standards of directors.
2) Disclosures	Internal conferences involving global group companies are held for reporting the results of efforts and facilitating dialogue, which are then disclosed on the website and in sustainability reports. The impact of climate change risks and revenue opportunities on business activities and revenue are disclosed in accordance with TCFD, an international framework created to develop

	such disclosures.
3) Dialogue with Third Parties	Each process involves dialogue with experts and other third parties, with a PDCA cycle used to obtain evaluations from third parties for reviewing and expanding the focus of activities as needed.



Green Finance Framework

NTT Group has established its Green Finance Framework as we further enhance our financial commitment and efforts to achieve our sustainability targets.

NTT Group and its affiliates will issue green bonds and green loans based on this Green Finance Framework.



The Green Finance Framework aligns with the following four requirements based on the Green Bond Principles ("GBP") 2021 published by the International Capital Market Association ("ICMA"), the Green Bond Guidelines 2020 published by the Ministry of the Environment of Japan, the Green Loan Principles ("GLP") 2021 published by the Loan Market Association ("LMA"), the Asia-Pacific Loan Market Association ("APLMA") and the Loan Syndications and Trading Association ("LSTA") and the Green Loan and Sustainability Linked Loan Guidelines 2020 published by the Ministry of the Environment of Japan.

1. Use of proceeds
2. Process for project evaluation and selection
3. Management of Proceeds
4. Reporting



1. Use of proceeds

An amount equal to the net proceeds of the green finance are planned to be allocated to finance new or existing projects that meet the following eligibility criteria. The look-back period for refinancing operating expenditure (OPEX) will be limited to three years on or prior to the date of green finance issuance.

Allocations to research and development will be limited to no more than 20% of the total allocations on any green bond or green loan proceeds.

Eligible Project	ICMA Project Category	Eligibility criteria and related eligible projects	UN SDGs
1) 5G-related investment	Energy Efficiency	An amount equal to the net proceeds will be allocated to investments in the development, refurbishment and operation of base stations for building 5G networks that meet the following criteria: <ul style="list-style-type: none"> > Installation of 5G base stations that can save power compared to existing base stations (including Green 5G related investment)¹ 	 

¹ Specifically, NTT DOCOMO will strive to reduce greenhouse gas emissions through the use of renewable energy sources, such as green base stations that utilize solar power generation systems, and solar power plants (Corporate PPA) that have been installed exclusively for NTT DOCOMO. PPA stands for Power Purchase

Eligible Project	ICMA Project Category	Eligibility criteria and related eligible projects	UN SDGs
		<p>> Development of base stations that can save standby power by automatically shifting to sleep mode at night and during low traffic periods, and introduction of such technology to commercial base stations</p> <p>We expect the amount of traffic to increase exponentially in the coming years as the IoT society progresses. With these social trends in mind, 5G has achieved lower power consumption² due to improved transmission efficiency compared to conventional communication technologies, and NTT Group will progress 5G-related investments to realize a low-carbon society through migration to 5G, which will be the foundation of the remote world.</p>	
2) FTTH-related investment	Energy Efficiency	An amount equal to the net proceeds will be allocated to investments in the installation and operation of an optical fiber network ("FTTH") ³ , which is expected to contribute towards a	 





Agreement, an agreement under which a customer (NTT DOCOMO) purchases renewable energy power from a power producer for a long period of time.




² "While a 5G antenna currently consumes around three times more electricity than a 4G antenna, power-saving features such as sleep mode could narrow the gap to 25% by 2022. 1213 Network infrastructure providers and operators are projecting that 5G could be up to 10 to 20 times more energy-efficient than 4G by 2025-30" (<https://www.iea.org/reports/data-centres-and-data-transmission-networks>)

³ 1) "Data transmission network technologies are also rapidly becoming more efficient: fixed-line network energy intensity has halved every two years since 2000 in developed countries" (IEA "Data Centres and Data Transmission Networks, <https://www.iea.org/reports/data-centres-and-data-transmission-networks>),

2) "Major Technological Shifts> In addition, energy efficiency improvements can be hard to predict due to the potential for technology shifts that do not follow historical projections. Over long time periods, step changes in technology can be observed. For the Internet, this could be considered moving from technologies such as dial-up to ADSL broadband or more recently from ADSL broadband to fiber optic broadband, driven by demand for higher Internet speeds."/ "Discussion> For the five studies that satisfy our criteria, the electricity intensity of transmission networks has declined by factor of ~170 between 2000 and 2015. " (Aslan, J. et al. (2018), "Electricity intensity of internet data transmission: Untangling the estimates", Journal of Industrial Ecology, 22(4), 785-798, <https://doi.org/10.1111/jiec.12630>),

3) "A study launched in 2017 by Europacable has found that fibre is the most energy efficient technology for broadband access networks, compared with DSL, xDSL, vectoring and DOCSIS. Per capita per year, performing at 50 Mbps, fibre networks consume 56 kWh compared to 88 kWh for DOCSIS." (European Commission, "Shaping Europe's digital future", <https://digital-strategy.ec.europa.eu/en/library/fibre-most-energy-efficient-broadband-technology>)

Eligible Project	ICMA Project Category	Eligibility criteria and related eligible projects	UN SDGs
		reduction in electricity consumption compared to NTT Group's existing facilities and be the foundation of the remote world.	
3) Research and development for the realization of the IOWN concept	Energy Efficiency	<p>An amount equal to the net proceeds will be allocated to research and development to pursue the Innovative Optical and Wireless Network ("IOWN") concept and achieve drastically high efficiency and power savings through the "fusion of mobile and fixed" and "fusion of networks and computing".</p> <p>Under the IOWN concept, NTT Group will create an information processing infrastructure that enables drastically large capacity, low latency, and low power consumption by 2030, utilizing an all-photonics network and optoelectronic fusion technology. In July 2021, we established the NTT IOWN Innovation Center, which brings together the development resources of NTT Laboratories.</p> <p><Example Projects></p> <ul style="list-style-type: none"> > Photonics in the connection between substrates in endpoint devices such as terminals and computers > Research and development of "optical disaggregated computing" architecture, which is expected to significantly reduce power consumption through photonic connections (opticalization in large-scale integration (LSI)) in signal transmission between chips on a substrate, with the aim of commercialization by 2030 	 
4) Highly energy efficient and power-saving data center	Energy Efficiency	An amount equal to the net proceeds will be allocated to investment in the construction, refurbishment, acquisition and operations of data centers that meet the following criteria and improve power efficiency and reduce environmental impact of business operations:	 

Eligible Project	ICMA Project Category	Eligibility criteria and related eligible projects	UN SDGs
		<p><Eligibility Criteria></p> <ul style="list-style-type: none"> > PUE (Power Usage Effectiveness) under 1.5 <p>Data centers are the infrastructure to support ICT. Data centers, on the other hand, consume a lot of power, so improving efficiency and power saving performance of data centers are essential to achieve a low carbon society.</p>	
5) Green Buildings	Green Buildings	<p>An amount equal to the net proceeds will be allocated to investments and expenditures for the construction, modification, and acquisition of properties that were confirmed to meet any of the following eligibility criteria of the relevant green bond and green loan, and properties that are planned to satisfy such criteria in the future.</p> <p><Eligibility Criteria></p> <ul style="list-style-type: none"> > LEED-BD+C (Building Design and Construction) or LEED-O+M (Building Operations and Maintenance) certified: Platinum, Gold or Silver > CASBEE building (New, existing or modified) or CASBEE real estate (including CASBEE by local governments) evaluation/certification: S, A or B+ > BELS (Building-Housing Energy-efficiency Labeling System): Three stars or above > DBJ Green Building Certificate: Three stars or above > Power-saving evaluation based on the Tokyo Building Environment Plan: AAA for both thermal insulation property of building and power-saving property of facility system 	
6) Renewable Energy	Renewable Energy	<p>An amount equal to the net proceeds will be allocated to finance expenditures on or investment in the construction, refurbishment, acquisition and operation for the following NTT Group's renewable energy projects:</p>	 

Eligible Project	ICMA Project Category	Eligibility criteria and related eligible projects	UN SDGs
		<ul style="list-style-type: none"> <li data-bbox="683 288 1273 842">> Wind power generation projects: Any project with output of 10,000 kW or more shall have already completed the environment assessment defined by the Environmental Impact Assessment Law of Japan. Any project with output of less than 10,000 kW shall undergo an environment assessment as required. Where an environmental impact assessment is required to be processed by a local government of the area where operations are conducted, such assessment shall be properly executed <li data-bbox="683 864 1278 1464">> Solar photovoltaic generation projects: Any project with an installed capacity of 40 MW or more shall have already completed the environment assessment defined by the Environmental Impact Assessment Law of Japan. Any project with an installed capacity of less than 40 MW shall undergo an environment assessment as required. Where an environmental impact assessment is required to be processed by a local government of the area where operations are conducted, such assessment shall be properly executed <li data-bbox="683 1487 1278 1991">> Geothermal power generation projects: CO₂ emissions shall be 100g CO₂/kWh or less. Any project with output of 10,000 kW or more shall have already completed the environment assessment defined by the Environmental Impact Assessment Law of Japan. Any project with output of less than 10,000 kW shall undergo an environment assessment as required. Where an environmental impact assessment is required to be processed by a local government of the 	

Eligible Project	ICMA Project Category	Eligibility criteria and related eligible projects	UN SDGs
		<p>area where operations are conducted, such assessment shall be properly executed</p> <ul style="list-style-type: none"> > Biomass power generation projects: Fuel to be used shall be waste-derived (excluding palm oil waste). Where an environmental impact assessment is required to be processed by a local government of the area where operations are conducted, such assessment shall be properly executed > Hydroelectric power generation projects: The project shall be of a run-of-river type without artificial reservoir or low storage capacity. Where an environmental impact assessment is required to be processed by a local government of the area where operations are conducted, such assessment shall be properly executed 	

2. Process for project evaluation and selection

Projects that may be financed and/or refinanced by the green finance are identified by the operating company that executes each eligible project based on the aforementioned eligibility criteria. Evaluation and selection of eligible projects is done by way of discussion and consideration of the conformity to the NTT Group Global Sustainability Charter, a basic guideline for the Group, by the Group Treasury Department of NTT Finance Corporation's Finance and Accounting Business Headquarters and Nippon Telegraph and Telephone Corporation. The director in charge of the Group Treasury Department of NTT Finance Corporation's Finance and Accounting Business Headquarters will make the final decision.

In the selection of target projects, the Group will confirm whether the eligibility criteria have been met and whether the mitigation of environmental and social risks has been considered as follows:

- Conformity to environmental laws, regulations, etc., required by the central and local governments of the area where the operation site is located, and implementation of environmental impact surveys as necessary;
- Provision of a thorough explanation of business to local communities;
- Implementation of proper toxic waste handling in accordance with laws related to waste treatment and cleaning, as well as proper storage, management, and safe and adequate disposal of equipment that

uses or is contaminated by PCB in compliance with the Act on Special Measures concerning Promotion of Proper Treatment of PCB Waste of Japan; and

- Execution of risk evaluations of suppliers based on the NTT Group Guidelines for Sustainability in Supply Chain. Requesting of suppliers' compliance with the NTT Group Green Procurement Standards.

3. Management of Proceeds

The Group Treasury Department of NTT Finance Corporation's Finance and Accounting Business Headquarters, which is responsible for the group finance function of NTT Group, centrally controls the proceeds of the green finance issued based on this Green Finance Framework and confirms the status of proceeds allocation to the eligible projects at the operating companies executing eligible projects. The Finance and Accounting Department of NTT Finance Corporation manages the proceeds and allocates proceeds using an internal control system, and tracks the funds every quarter. Until allocation, the equivalent amount of the proceeds is managed as cash or cash equivalent. The allocation is planned to be completed within 24 months from the date of the relevant issuance.

4. Reporting

1) Allocation reporting

Until proceeds are fully allocated, the Group will annually report on the status of allocation on its group website and/or integrated report.

The Group plans to report the following items where feasible:

- The status of allocation of the green finance proceeds amount to eligible projects;
- Overview of eligible projects funded (including the age of the assets and remaining useful life);
- The amount allocated to eligible projects and the unallocated amount;
- The percentage of financing and refinancing; and
- Where there is an unallocated portion, the planned allocation policy.

The first report on the allocation status of proceeds is scheduled to be provided within a year from the issuance of the green finance. Should a significant change occur in the status of the fund following allocation of proceeds, such change will be disclosed in a timely manner.

In addition, when refinancing an asset that needs to be maintained over a long period of time through the issuance of multiple green bonds and green loans, the elapsed life, remaining useful life and refinancing amount of the asset will be disclosed at the time of issuance.

2) Impact Reporting

As long as the green notes and green loans remain outstanding, the Group will annually report on the environmental impact from the allocation.

The following items will be reported individually and as a category total.

Eligible project	Impact reporting item (examples)
1) 5G-related investment	<ul style="list-style-type: none">• Number of 5G base stations installed
2) FTTH-related investment	<ul style="list-style-type: none">• Number of subscribers (units)
3) Research and development for the realization of the IOWN concept	<ul style="list-style-type: none">• The intended effects• The progress of R&D
4) Highly energy efficient and power-saving data center	<ul style="list-style-type: none">• Volume of CO₂ emissions (t-CO₂)
5) Green buildings	<ul style="list-style-type: none">• Property name of green building, obtained certification level, and the timing of acquisition and reacquisition• Volume of CO₂ emissions (t-CO₂)
6) Renewable energy	<ul style="list-style-type: none">• Power generation capacity/actual volume (GWh)• Volume of CO₂ emissions reduced (t-CO₂)