



Under the brand slogan "Changing worlds with you." we open up our technologies we have developed over the years to create new value through innovation together with our partners and contribute to the realization of a sustainable society. In view of the continuing uncertainty in the political and economic climate, we are sensitive to the changing needs of society and our customers, and are working to change and evolve in order to contribute to solving various social issues with a sense of mission and to be of service to society.

In 2021, the DOCOMO Group announced the "New DOCOMO Group Medium-Term Strategy," and together with our partners, we have launched a challenge to innovate and make significant changes in society through "structural reform of society and industry" and "creation of new lifestyles". Moreover, in order to promote business operations and sustainability initiatives in an integrated manner, and contribute to the creation of a sustainable society where no one is left behind, we have formulated the Sustainability Policy for 2022 and are promoting initiatives for the environment, society, human resources, and fairness. The key issues are: contribute to environmental responsibility; solve social issues by promoting research, development and innovation; engage with customers and communities; realize a safe, secure, and resilient society; develop and leverage diverse human resources, and improve employee job satisfaction; and promote respect for human rights and fair business

practices. Through our business, we are committed to solving social issues and providing new value.

In order to contribute to various areas of society and industry, the DOCOMO Group will accelerate innovation by meeting diverse customer needs and utilizing regional individuality, while expanding the synergies of the integration of DOCOMO Communications and Comware as a group. We will also further enhance the sense of trust that the network, as social infrastructure for life, can be connected to anywhere, anytime, any day of the year.

In order to achieve net-zero greenhouse gas emissions in our operations by 2030, we are making steady progress in reducing power consumption and introducing renewable energy to our network. We are also expanding activities to include initiatives to create a circular society and to contribute to nature positive to halt and reverse biodiversity loss. Additionally, we will promote diverse working styles and human resource development initiatives to enhance the growth and job satisfaction of each and every employee.

DOCOMO will continue to take on the challenge of "Changing the world" by working together as a group and joining forces with customers, business partners, and all other stakeholders.

NTT DOCOMO, INC., a company with an audit committee, belongs to the NTT Group, whose parent company is Nippon Telegraph and Telephone Corporation (NTT), and is mainly engaged in the mobile communications business. The DOCOMO Group has positioned FY2023 as the "next stage of transformation" and will transform its business portfolio towards becoming a comprehensive ICT company and realizing sustainable growth. We are committed to being close to our customers and society, and to creating customer experiences that are unique to the region.

## **Brand Slogan**

# Changing worlds with you.

# **Company Profile**

Company Name	NTT DOCOMO, INC.
Address	Sanno Park Tower2-11-1, Nagata-cho, Chiyoda-ku, Tokyo 100-6150 TEL: 03-5156-1111 (the main switchboad number)
Opening day	July 1, 1992
Number of employees	7,903(our group 47,151) *As of March 31, 2023
Capital stock	949,679 million yen *As of March 31, 2023



## Global Network The NTT DOCOMO Group has 14 offices in 11 cities around the world Asia-Pacific Europe North America Beijing Bangkok Munich New York Guam Shanghai Manila London Palo Alto Singapore Hong Kong ●:NTT DOCOMO subsidiary ●:NTT Communications subsidiary ●:NTT DOCOMO Research Institute ●:Branch Company name (city) Subsidiary All 10 locations NTT DOCOMO: 5 locations NTT Communications: 5 locations • NTT DOCOMO Europe (London) • Com China (Shanghai) NTT DOCOMO China (Shanghai) • SNTE (Shanghai) • NTT DOCOMO ASIA (Singapore) • Com Asia (Hong Kong) NTT DOCOMO USA (NY) Mobile Innovation (Bangkok) NTT DOCOMO Pacific (Guam) · Com Philippines (Manila) NTT DOCOMO Research Laboratories: NTT DOCOMO & NTT Communications Branch: All 3 locations Location • DOCOMO Euro-Labs (Munich) · Philippine Branch (Manila) . Beijing Laboratory (Beijing) • DOCOMO Innovations, Inc. (Palo Alto) \*Excluding minority investments and affiliates \*As of the end of April 2023

**HUMAN RESOURCES** 

Based on international trends and DOCOMO's business environment, internal and externally-related situations are examined from an environmental, social, and governance (ESG) perspective, and important issues (materiality) are identified to promote sustainability at DOCOMO using the process laid out in the GRI Sustainability Reporting Standards (GRI Standards).

#### Materiality identification process

#### Confirmation of coverage and selection of issues

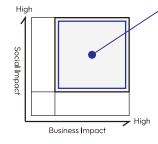
Comprehensively review external evaluations, guidelines, and the NTT Group Sustainability Charter on issues related to sustainability, and select 16 sustainability issues to be addressed by DOCOMO.

- External indicator: DJSI
- International guidelines: GRI Standards, SASB, ISO26000
- Domestic and overseas initiatives: SDGs

#### Step2

#### Priority assessment

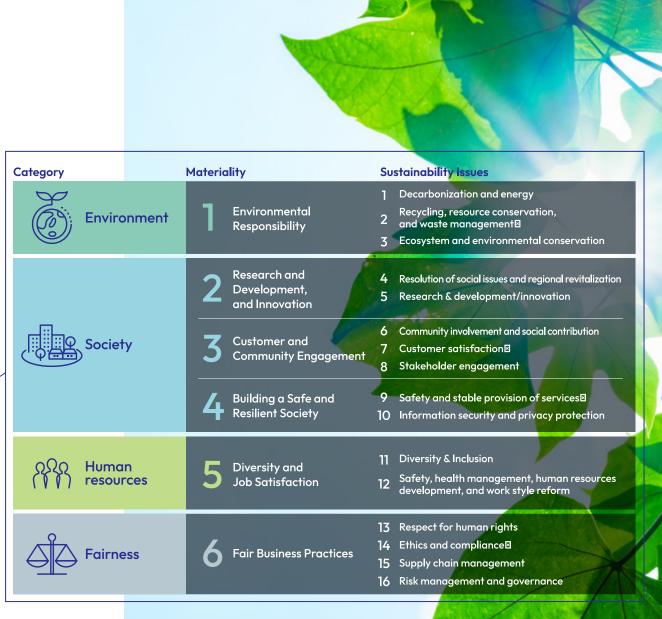
Assess the priority of sustainability issues on the two axes of "social impact (stakeholders and external parties)" and "business impact (the company)," incorporating the opinions of external experts, to identify sustainability issues that are considered to be of high priority to DOCOMO.



#### Step3

#### Materiality assessment and validation of issues

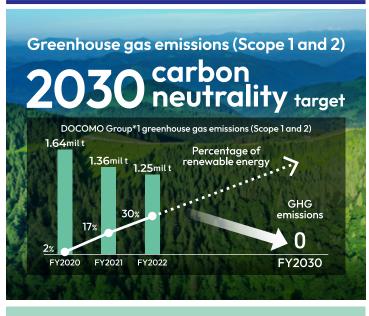
Regarding the 16 sustainability issues rated high priority in 2., we summarized the relevant issues, indicated the direction to be taken, assessed their materiality, and designated them as key issues. In addition, we validated a series of processes.



# at a glance



#### **Environment**



**Power Efficiency** of Communications Services

(compared to FY2013)

Cumulative total of

FY2020 FY2021 FY2022

target (2030)

**2** million units





# Society

Disaster Relief **Fundraising** through DOCOMO charity websites

a cumulative total of **∠** billion

Donated

Results from FY2010 to FY2022

Disaster Recovery Fund By DOCOMO Group

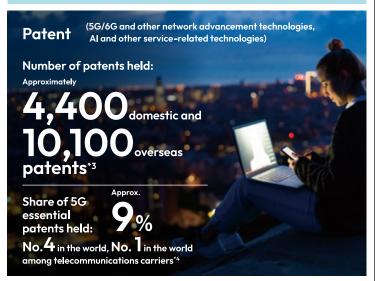
employees million yen\*2

Results from FY2012 to FY2022

donating a

cumulative

total of



Proof-of-concept field verification based on **DOCOMO** technology

Cumulative total of cases





# Human resources











\*1 Excluding some overseas subsidiaries and others

Used mobile phone collection 

■

- \*2 The total amount raised by employees who support the project, plus an equal amount added by DOCOMO.
- \*3 As of the end of FY2022

approximately

\*4 Source: Cyber Creative Institute, "Analysis of the factors behind the rapidincrease in 5G-SEP and realized patents that support 5G standards and 5G business" (Jun. 1, 2022)



# **Environmental Responsibility** Initiatives towards carbon neutrality in 2030

Aligns with these UN Sustainability Goals



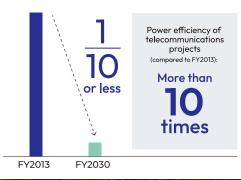
In September 2021, NTT DOCOMO announced its commitment to achieve carbon neutrality by 2030. In addition to effectively reducing the greenhouse gas emissions arising from its business activities to zero, it will cooperate with partners and customers to help society as a whole achieve carbon neutrality.

#### Power saving on the network

The implementation of the sleep function, that is, the flexible switching of base station power on and off according to traffic volume (the amount of data transferred on the network in a given period of time), makes it possible to save power on communication networks.

DOCOMO is working on upgrading the sleep function and will start introducing a new sleep function from November 2022 that can reduce power consumption by up to 30% on average and up to 60% depending on the time of day, base station, and other factors. The introduction of the system is currently being expanded to base stations across the country. Through this measure, we have already achieved our FY2023 target of contributing to a reduction in electricity consumption of about 100 million kwh. This reduction amounts to about 3% of the Group's total power consumption, excluding NTT Communications and NTT Comware.

Quantitative target



#### Introduction of renewable energy sources

In collaboration with NTT Group company NTT Anode Energy, we will promoting the introduction of renewable energy procured directly from solar power plants and other sources operating exclusively for DOCOMO.

From April 2022, an off-site corporate power purchase agreement (PPA) was leveraged to introduce electricity derived from renewable energy sources, procured by NTT Anode Energy from a new solar power plant in Tottori City, Tottori Prefecture, to the NTT DOCOMO Okayama Building, which houses the network facilities. The introduction of the new system is expected to reduce greenhouse gas emissions (including non-fossil fuel certificates) at the NTT DOCOMO Okayama Building by approximately 10,000 tonnes per year.

Corporate PPAs are long-term contracts under which consumers purchase power derived from renewable energy sources from power generation companies. The off-site corporate PPA, or off-site PPA for short, is a model in which electricity is transmitted from a remote power generation facility to a consumer (in this case, the NTT DOCOMO Okayama Building) via the electrical grid.

Illustration of off-site PPA installation: In the case of the NTT DOCOMO Okayama Building

NTTAE power plant (off-site PPA: newly constructed)

Greenhouse gas emission reductions (including non-fossil fuel certificates\*)

10,000 tonnes annually

solar power Long-term plants NTT dedicated use (off-site PPA) Anode **DOCOMO** Okayama Energy Group Building Electricity with designated renewable eneray sources

\*Non-fossil fuel certificates are certificates with zero-emission value (value with a CO2 emission factor of 0 kg-CO2/kWh under the Act on Promotion of Global Warming Countermeasures) and environmental indication value (a value that the retail electricity supplier can indicate and claim as added value for its customers).

#### IOWN\* photoelectric fusion technology

By 2030, DOCOMO aims to introduce IOWN photoelectric fusion technology, which is being researched and developed across the NTT Group, in order to promote further innovations in next-generation networks and information processing infrastructure, and to realize faster and more power-efficient communications. IOWN photoelectric fusion technology is a next-generation technology that combines optical and electronic technologies to enable high-speed and efficient information communication. The transition from electrical signal processing to optical signal processing in telecommunications networks will significantly improve power efficiency.

\*IOWN stands for Innovative Optical and Wireless Network





# Visualization of ecological behavior for customers

-Caboneu Record



As a service that allows customers to enjoy engaging in ecological activities, the Caboneu Record app is provided free of charge to customers.

This service automatically calculates the customer's CO2 reduction and environmental contribution based on information about transportation methods estimated from location information and information on purchases of environmentally friendly products. In addition,



Recording of eco-behavior

#### SUMMARY

- Visualization of CO2 reductions
- Automatic acquisition of behavioral data
- Game elements keep it fun

customers can record their own eco-behaviors, such as saving electricity and water, enabling a broader picture of the environmental contribution they make in their daily lives.

It also incorporates a game element, so that ecological behavior can be continued naturally while having fun.

In the future, the target services will be expanded by working with partners.



Note: Screenshots are as of September 2023.

# Visualization of ecological behavior for employees

-Green Program for Employee

# **Green Program**

for Employee

The Green Program for Employee is a service for companies that promotes environmental awareness and behavioral change among employees. By providing environmental knowledge and information, and encouraging eco-actions that lead to reduced CO2 emissions. this service contributes to the development of corporate GX human resource development, thereby contributing to the decarbonization of business and society.

Employees of companies that have introduced the system can visualize the effects of CO2 reduction by answering questionnaires to measure their environmental awareness and by recording their daily eco-actions, enabling them to understand their own behavior.

Managers of companies that have introduced the system can analyze data on employees' use of the service and eco-awareness, which can be

#### **SUMMARY**

- Visualization of employees' ecological behavior
- Dashboard for management and analysis

leveraged to study new environmental measures for employees and develop environmentally friendly products and services.



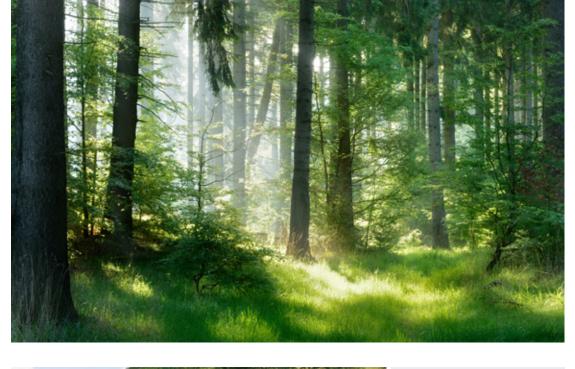
#### Function for administrators

Provides a dashboard to visualize data on the number of registrants, implementation of eco-actions, and CO<sub>2</sub> reductions.



# **Environmental Responsibility Biodiversity conservation**

The DOCOMO Group released the TNFD Report, referring to the "TNFD Nature-related Risk and Opportunity Management and Disclosure Framework Beta Version 0.4" by the TNFD (Task Force on Nature-related Financial Disclosure), in order to promote biodiversity initiatives in conjunction with its business activities in order to realize a future in harmony with nature.



## Forest maintenance

#### DOCOMO forest activities

As part of its nature conservation activities, NTT DOCOMO is promoting the creation of "DOCOMO Forest", where forests are leased and maintained throughout Japan, using various national and local government systems. Every year, employees and their families engage in forest maintenance activities such as clearing undergrowth and removing branches. In FY2022, 41 maintenance activities were held across the country, with a total of 681 participants.

In addition to its existing forest maintenance activities, the company also provides environmental education. Each participant deepened his or her understanding of biodiversity and how to contribute to conservation by conducting biological surveys and observing the woodland environment using smartphones and drones used for forest operations, with comments from experts.



activities at the area



Surveys of living creatures using smartphones



Creation of "DOCOMO Forest" started in



Remote control of a mowing machine using a DOCOMO network system



# **Environmental conservation using ICT**

#### Coral ecological survey using underwater drones

DOCOMO is a special partner in the OIST Coral Project, which aims to conserve and restore coral reefs using genome information, and is being undertaken by a research group at the Okinawa Institute of Science and Technology Graduate University (OIST). Through collaboration in coral ecological research, DOCOMO supports research on coral reef ecosystems and works to conserve biodiversity.

In the coral ecology research proof-of-concept testing that began in March 2022, DOCOMO's underwater drone technology made it possible to conduct video and photographic surveys and collect seawater in deeper waters (30 m to 80 m), which had been difficult in the past.



Coral planting (courtesy of OIST)



#### Protecting Japanese iconic bird, the crested ibis

#### - Ecosystem utilizing agricultural solutions

In Sado City, Niigata Prefecture, which was designated a World Agricultural Heritage Site in April 2022, the realization of traditional agriculture with reduced use of pesticides and chemical fertilizers is required as the population ages. In addition, coexistence with local creatures, especially the crested ibis, a special natural treasure, is a major challenge.

Aiming at agriculture that protects the environment in which crested ibises are raised, NTT Communications is introducing various

agricultural ICT solutions to realize high-yield, pesticide-reduced, pesticide-free, and chemical-free cultivation of rice.\*1

By utilising agricultural solutions, such as aerial photography using drones, paddy field weeding robots, and IoT sensor MIHARAS<sup>12</sup>, the company is establishing sustainable farming methods that are friendly to both people and living creatures through the traditional Japanese farming method of terraced rice paddies.

\*(1) demonstration of the formation of smart agricultural production areas (Project entity: NARO)

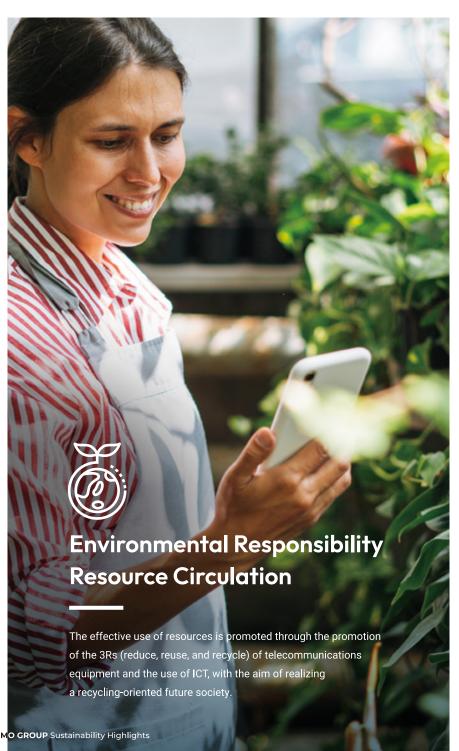
\*(2) "MIHARAS" is a registered trademark of NISIM ELECTRIC INDUSTRIES CO., LTD.

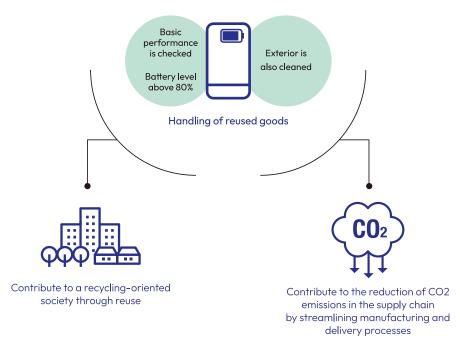


Rice Paddy Weeding Robot Utilizing Image Recognition AI in Tanada



The crested ibis, a special natural treasure





# Resale of used smartphones

-DOCOMO Certified

We sell high-quality used smartphones that have been checked for basic performance, battery level is 80% or more, and the exterior has been cleaned as DOCOMO Certified. In addition to contributing to a recycling-oriented society, we also expect to reduce greenhouse gases generated in the supply chain during manufacturing and delivery by providing used models for customers to use for a long time.



ドコモが選んだ、リユース品。

ドコモの認定リユース スマートフォン 30日間保証であんしん







# **Environmental Responsibility Resource Circulation**

#### Promoting recycling of mobile phones

Mobile phones contain gold, silver, copper, palladium, and other valuable recyclable resources for Japan, which has few mineral resources. Therefore, DOCOMO has been collecting and recycling used mobile phones since 1998. Regardless of brand or manufacturer, mobile phones are collected at no charge to the customer at DOCOMO shops and other contact points nationwide. In total, some 124.52 million mobile phones have been collected up until FY2022.

**Statistics** (FY2022)

mobile phones 297million batterys 238million chargers 57million

Scope: Figures represent data for DOCOMO, 13 companies, including service subsidiaries.

Principal Resources Recycled (FY2022)

copper 38,501kg gold 23kg silver 99kg palladium 1kg

Scope: Figures represent data for DOCOMO, 13 companies, including service subsidiaries. Total number of mobile phones collected up until FY2022 (since 1998)

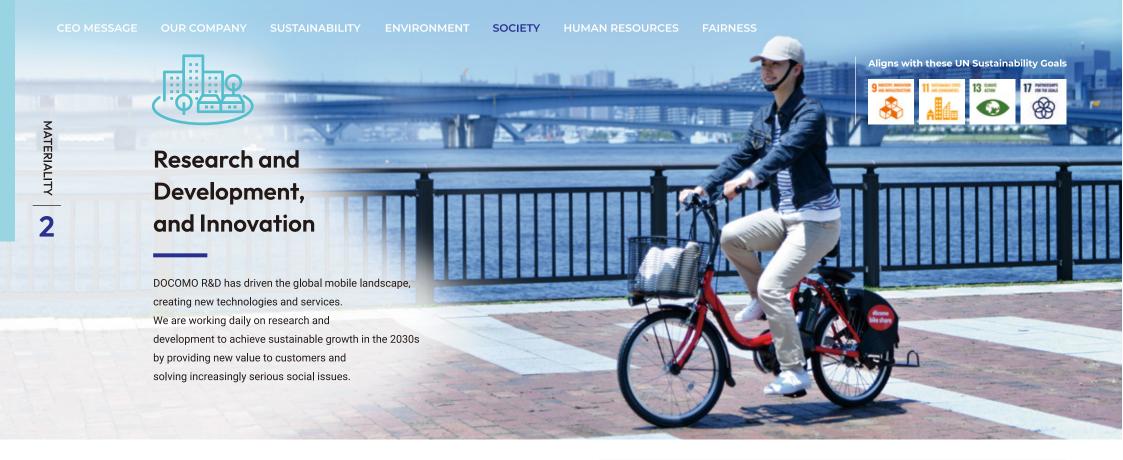


**124.52** million units

## Offering environmentally friendly products

DOCOMO select, a range of safe and secure smartphone accessories, promotes the use of recycled materials. Packaging is being gradually switched from plastic to paper. We are also working to reduce plastic, for example by selling smartphone cases made from 100% recycled materials.





# Offering mobility services with low environmental impact

-DOCOMO Bike Share

Reducing CO2 emissions from the movement of people and goods is regarded as one of the key challenges for carbon neutrality.

DOCOMO Bike Share offers a shared bicycle service that combines bicycles and mobile technology. The bicycles are equipped with GPS, acceleration sensors, Bluetooth, and other sensors, and the system is controlled via the DOCOMO network.

The service area is expanding to various regions across the country, including urban centres and tourist destinations, and many people are using this means of transport that has a low

# docomo bike share

environmental impact. In the future, the company intends to focus on supporting MaaS, which combines multiple modes of transport, as well as new forms of mobility that meet diverse mobility

We will contribute to carbon neutrality and play a secondary transport role by providing services in partnership with regional and municipal authorities across Japan. We will also promote the use of big data generated during service use to help solve problems in local communities and contribute to urban development.

#### New initiative

Shared bicycle system that uses green energy -Ueda City, Chikuma City, Nagano Prefecture

Proof-of-concept tests were conducted using a system that charges storage batteries with power generated by solar panels mounted on paved road surfaces and rooftops, and automatically supplies this power to the batteries of electric bicycles via cycle ports that support non-contact charging.



Cycle Port of Chikuma City General Tourist Center

#### EV bike sharing service -Tokyo Metropolitan area

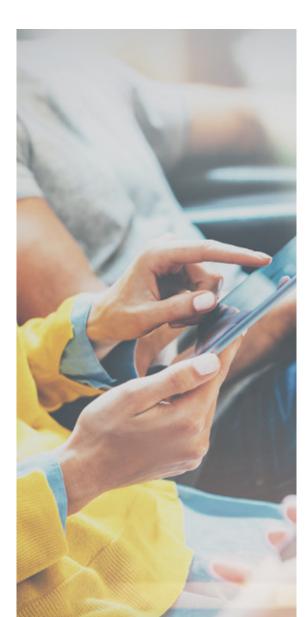
As part of our efforts to go carbon neutral, we have launched a new EV bike sharing service in collaboration with the Tokyo Metropolitan Government, which is also promoting decarbonization. By creating an environment where people can easily use EV bikes without having to purchase them, we will stimulate the need for EV bikes.



Maximum speed of 30 km/h: a standard driving licence is required.



## Research and Development, and Innovation



# Community revitalization using AR technology

-XR City

XR City is a service whereby customers hold up a smartphone that has downloaded the dedicated app in an area where the service is provided, and AR content appropriate to that location is displayed. AR content will create new value in the areas served, providing customers with an experience that makes their outings more enjoyable, convenient, and economical.

In Mibu-cho, Tochigi Prefecture, with a population of around 40,000, AR contents using XR City were scattered around the Mibu Road Station in the town, successfully increasing patronage within

This leading-edge case has also been covered by the media and has helped to revitalize the town.





AR contents at the Mibu Road Station

# Initiatives for social implementation of Web3

-NTT Digital, Inc.

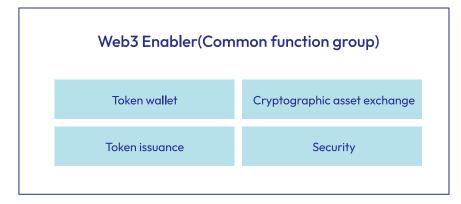
NTT Digital, a subsidiary of DOCOMO, is a "Web3 enabler" promoting the creation of an environment in which individuals and corporations can easily and safely use Web3 services and blockchain technology, with a view to social implementation of cutting-edge digital technologies, including blockchain technology, on a global scale.

Web3 enabler is a generic term for common functions and measures that enable the safe and secure use of services that utilize blockchain technology. As a first step, we started developing a token wallet as an entry to Web3 services. This wallet aims to develop a product that can be used safely without regard for Web3 or the blockchain by backing up private keys, leveraging biometric authentication, and filtering unauthorized transactions.

# NTT Digital

DOCOMO will also promote activities that make the most of its collaboration with partners, based on its mobile business know-how, and knowledge of security and payments developed by the NTT Group. Specifically, the aim is to develop and expand related systems, and create use cases, such as content management and trading using NFTs, FinTech using crypto assets and stablecoins\*, and self-management of personal data using decentralized identifiers (DIDs). In July 2023, NTT Digital reached a basic agreement with 13 companies to collaborate in promoting these initiatives with operators in a variety of industries and sectors.

\*Stablecoin refers to digital money that aims to introduce a mechanism to stabilize its value; for example, by linking its value to





#### Research and Development, and Innovation



OPEN HUB | for Smart World

# A place for business co-creation to solve social problems

-OPEN HUB for Smart World

NTT Communications' OPEN HUB for Smart World is a business co-creation program launched in October 2021 to co-create new business concepts with customers and partners, and implement them in society. It provides people, technology, and places as functions to realize a Smart World.

Together with people belonging to Catalyst and partner companies, who are experts in their respective fields, we combine diverse ideas and cutting-edge skills to solve business problems by thinking in real and sometimes virtual places.

OPEN HUB Journal, the on-demand media for business trends and case studies, is currently used by approximately 400,000 members, while the OPEN HUB Base, a community for customers and partners, has more than 15,000 members. In addition, the OPEN HUB Park, which opened in February 2022 as the central activity base of the OPEN HUB, has been visited by 3,000 people from approximately 1,300 companies in its first year of operation, and approximately 400 co-creation projects are in progress at the OPEN HUB Play, where Catalysts work together with companies.

The three parties - "Catalysts," experts in their fields, "Partner Companies" with their diverse assets, and "OPEN HUB Base members," the readers - are connected across industries and organizations.

#### **CATALYST**

More 400 experts

#### **PARTNER**

co-creation than **50** partners

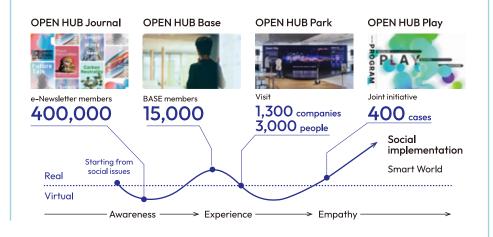
#### **MEMBER**

More **15,000** OPEN HUB Base members



#### Four functions of the OPEN HUB

OPEN HUB is working to realize a Smart World, which is a sustainable society, by intertwinning the real and virtual worlds, starting from social issues. Knowing, connecting, experiencing, and creating. Through these four experiences provided by the OPEN HUB, we aim to create new businesses and implement them in society together with corporations.





#### Research and Development, and Innovation

# Improving the sustainability of social infrastructure

-SmartMainTech®

# **☆**SmartMainTech<sub>®</sub>

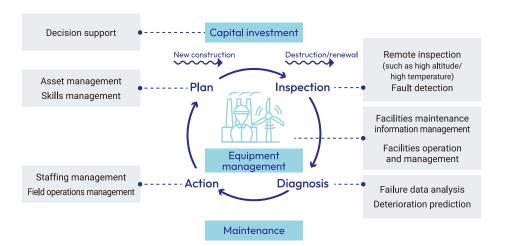
NTT Comware's SmartMainTech(R) promotes digital transformation (DX) for the entire infrastructure operation in line with the lifecycle of infrastructure, from capital investment to operation and renewal, for social infrastructure operators and municipalities.

It is used in many fields, including urban infrastructure construction and inspection sites, renewable energy power plant operations, such

#### SUMMARY

 Digital transformation of social infrastructure operations

as solar and wind power generation, and inspection monitoring and operation of civil engineering infrastructure, such as roads and rivers, and can manage equipment with the use of a digital twin, inspect construction using Al, and manage site tasks centrally using DX. Through this service, we contributes to improving the sustainability and resilience of social infrastructure.





#### Aligns with these UN Sustainability Goals









# **Customer and Community Engagement**

The DOCOMO Group aims to build a society in which people from all regions and generations can live in security, safety, comfort, and prosperity. The Group is involved in providing services to support the development of the next generation of children, and in supporting the reconstruction of disaster-affected areas in Japan and abroad.

# Supporting Children's **Dreams and Future**

-DOCOMO Future Project

The DOCOMO Future Project aims to support children's dreams and future by organizing the DOCOMO Future Museum, a creative drawing competition; DOCOMO Future Field, an event offering premium experiences; and DOCOMO Future Lab, a programming competition on the theme of "New Inventions of the Future". Through these programs, we will provide children with a place to have exciting experiences and express their ideas freely.

"DOCOMO Future Museum" exhibited a digital painting experience booth at the Free Research

Prize-winning works at DOCOMO Future Museum in 2022 (some)







Expo in July 2023, which was attended by 200 participants over two days. In August 2023, "DOCOMO Future Field" held a premium hands-on event to meet athletes and musicians. It was an opportunity to experience the professional world, leading to dreams and learning.

"DOCOMO Future Lab" is planning to hold a programming contest in which children who are new to programming can participate.



Event at DOCOMO Future Field

# A service that nurtures children's development together with their families

-comotto

In March 2023, DOCOMO launched "comotto," a new brand to nurture children's development together with their families, and launched content services to expand learning and a new parenting support program. DOCOMO's co-creation with various industry partners provides learning and fun for children and their families.

Classes about money and online farming experiences was organized during the summer holidays, which cannot be experienced only at school. We developed a fun way of learning the survival skills needed by today's children.



Each region also organizes drawing classes in collaboration with local artists and a "lunar robot race," combining crafts and programming to use cardboard as rovers. The children's creativity and imagination were nurtured through the study of art, and their exploration skills and motivation were generated through crafts and programming. We will continue to provide services that are required by families to raise children.





#### **Customer and Community Engagement**

# Charity fundraising to support disaster-affected areas in Japan and abroad

With the aim of supporting the lives of disaster victims and the reconstruction of the affected areas in the event of a disaster, a disaster relief fundraising charity website has been set up to encourage customers to make donations. The charity website provides a mechanism for making donations using DOCOMO's point service (d-points), which is used by approximately 94 million customers, and DOCOMO's cashless service (d-payment). Since its launch in 2010, a total of JPY2 billion has been raised, mainly to support areas affected by heavy rains, typhoons, and earthquakes in Japan, but also overseas, including humanitarian aid to Ukraine, the earthquake in Turkey, and relief for the wildfires in Maui, Hawaii.

Fundraising infrastructure available to

94 million customers JPY 2 billion raised in total (2010-2022)



## Support for the affected areas by DOCOMO Group employees

The employee fund-raising system for DOCOMO Group employees was established to support the recovery of the areas affected by the Great East Japan Earthquake in 2011. DOCOMO will match the total amount of donations collected from employees who make a donation.

As of 2022, a total of 100,000 employees have donated a total of approximately 700 million yen since the scheme's launch in 2012.

From 2023, in addition to nationwide disaster recovery assistance, the organization has expanded and renewed the scope of its support to include support for global social issues to realize a sustainable society.

 $\mathsf{JPY}\, \textcolor{red}{\textbf{700}\, \mathsf{million}}$ 

raised in total(2010-2022)





MATERIALITY 4











# **Building a Safe and Resilient Society**

As a telecommunications operator, DOCOMO strives to improve safe and secure communications, and in addition to the construction and operation of network infrastructure, is working to provide services trusted by customers by enacting measures to secure the infrastructure and ensuring communication during disasters.

#### Ensuring communications in times of disaster

DOCOMO implemented a range of disaster management measures in the wake of the Great East Japan Earthquake on March 11, 2011. The main measures include the installation of 106 "large-zone base stations" across the country, which operate only in times of disaster, to ensure communications in densely populated areas in the event of a disaster over a wide area or power failure that renders the base stations inoperable. For the first time, a large-zone base station was operated during the earthquake that occurred in Hokkaido in September 2018, ensuring communications in the centre of Kushiro City.

New response equipment is also being utilized, such as "shipboard base stations" and "drone relay stations" to ensure communications in areas where it is difficult to rush overland.



#### Large-zone base station

- Operational only in the event of a disaster over a wide area (Can be operated remotely and immediately)
- Covers a radius of up to 7 km
- 106 locations nationwide



## **Drone relay station**

 Amplifies radio signals in the air to ensure communications in the area

Disaster preparedness investment since the Great East Japan Earthquake A total of more than

**JPY 100** billion





# **Building a Safe and Resilient Society**

## Disaster-resistant and environmentally-friendly base stations

-Green base stations

#### **SUMMARY**

- Uses renewable energy
- Equipped with lithium-ion batteries
- Can operate non-stop for 29 hours, even during power outages

In preparation for emergencies, DOCOMO is moving forward with the construction of "green base stations," which are disaster-resistant and environmentally friendly.

Green base stations are environmentally friendly, equipped with solar power panels that generate renewable energy and lithium-ion batteries that are effectively charged by the power generated. Each solar panel provides 20-30% of the electricity required to operate the station. Storage

batteries fed by regular electricity have also been installed in green base stations and a power back-up system that can maintain communications even in the event of prolonged power outages has also been setup. In the earthquake that occurred in September 2018 in Hokkaido, the system maintained power for approximately 29 hours and was able to continue running without stopping communications.

As of the end of FY2022, there were 280 green base stations across Japan. The data and visualization of how much electricity each area and base station generates on a daily basis and how much CO2 is reduced is also used for operational purposes. The number of these green base stations will be increased further in the future with the aim of achieving carbon neutrality and realizing a safe and secure society.





docomo academy



# **Diversity and Job Satisfaction**

DOCOMO promotes diversity management to utilize various human resources with different gender, age, nationality and other attributes in the company's growth, and is working to create a corporate culture in which each and every employee can fully exploit his or her individual abilities regardless of their attributes.

# Various ability-building support programs

SUMMARY

- Business Initiative Development Program
- 99% of participants with high satisfaction

In addition to providing support for self-development (language support, correspondence courses, and support to gain qualifications), the company sends employees to companies in different industries and provides opportunities to participate in joint training courses, which can be used to acquire cutting-edge skills and other abilities.

It also offers fostering programs that encourage the creation of innovations, and pushing the creation of novel ideas on which new products and services are based.

The DOCOMO academy is a program designed to help employees learn the skills and mindset necessary for business planning through the process of creating new businesses through lectures by innovators both inside and outside the company. Launched in fiscal 2020, 99% of participants feel their own changes after participating in the program, which is highly effective and highly satisfying for employees.



#### **SUMMARY**

- Flextime system
- Promote telecommuting
- Develop satellite offices(59 locations nationwide)

Telecommuting from anywhere in Japan is now possible, allowing greater freedom in terms of working hours, and work and living location.

Aligns with these UN Sustainability Goals

DOCOMO will continue to respect the diversity of each and every employee, and work to enhance systems that enable mutual prosperity between the company and its employees.





## **Diversity and Job Satisfaction**

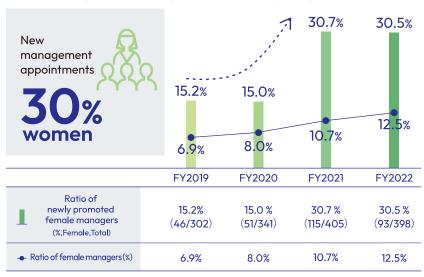
## Promoting diversity management

Diversity management is promoted in order to maximize the capabilities of individual human resources by accepting their race, nationality, gender (including gender identity and sexual orientation), time constraints, disabilities, diverse professional skills, and values.

#### **Promoting Women's Careers**

At DOCOMO we are accelerating our drive to promote successful careers for women, raise their awareness of career development, and develop an environment in which they can fully demonstrate their abilities.

A career development program for female executives, "Win-d", was launched in 2006 to focus on developing female role models. We will further work on establishing diversity, promoting women's activities, promoting childcare and family care, and understanding diversity.



\*DOCOMO's data only

## Initiatives for LGBTQ and Sexual Minorities

In April 2016, NTT Group declared that it would promote the creation of an environment that enables diversity acceptance, increased motivation to maximise abilities and efficient working styles, with the aim of realising an organisation and society where everyone can live and work as they wish, regardless of their sexual orientation or gender identity.

- •Systems related to life events apply to employees with same-sex partners.
- •Developing systems and operations to enable transgender people to use their chosen names within
- ·Improved operation of customer services to enable the application of intra-family discounts such as family discounts for same-sex partners.



## **Initiatives to Promote Diversity** (Awareness Building)

We are implementing various initiatives to further promote diversity. For example, we are announcing our top commitment, conducting activities of the Diversity Promotion Working Group, and conducting seminars and trainings on Unconscious Bias.

In the working group activities: Employees who are interested in diversity promotion and want to participate actively are engaged in activities across departments, and we are considering measures to address issues highlighted by the employee awareness survey.



# Fair Business Practices

In line with the NTT Group Human Rights Policy, the DOCOMO Group systematically raises employee awareness of respect for human rights and using human rights due diligence processes and other measures to deter and respond to human rights violations.

# Respecting human rights

Based on the awareness that respect for human rights is an important social responsibility for a company, the NTT DOCOMO Group has made the NTT Group Human Rights Policy the foundation of its respect for human rights, and is promoting thorough human rights awareness-raising as well as implementing the due diligence of human rights. Human rights awareness is aimed at all employees and executives.

Human rights due diligence involves annual assessments of sustainability risks, including human rights, for primary suppliers through the Self-Assessment Questionnaire (SAQ). SAQ monitors compliance with freedom of association and the exercising of the right to collective bargaining, as well as child and forced labor, to ensure that no business partners are at high risk with regard to human rights. We also strive to improve supplier engagement through direct dialogue with key suppliers.



Aligns with these UN Sustainability Goals







Number of serious violations of human rights identified





Dialogue rate with key suppliers

100%





#### **Fair Business Practices**

## Supply chain

#### SUMMARY

- Establish guidelines for suppliers
- Conduct regular audits

We place great importance on our relationships with our suppliers, who are important partners in our business activities, and are committed to sustainable procurement based on various social responsibilities as well as fair trade.

As part of this, NTT DOCOMO has formulated the NTT DOCOMO Supply Chain Sustainability Promotion Guidelines, which set out requirements for suppliers (Code of Conduct) and seven sustainability-related areas (human rights and labor, health and safety, environment, fair trade and ethics, quality and safety, information security, and business continuity planning) to be observed, which apply to all suppliers with whom we do business directly.

In order to check suppliers' implementation of the requirements of these Guidelines, DOCOMO will ask suppliers to disclose the necessary information and conduct audits. When an act or event is identified that does not meet the requirements of these guidelines, the supplier is asked to improve and, depending on the state of improvement, appropriate action, including a review of the transaction, is taken.

