Toward realizing a carbon neutral society
The power consumed by a smartphone is surprisingly large.

Base station operation

Battery charging

Manufacturing and delivering to sales locations, etc.
The telecommunications industry as a whole emits vast amounts of CO2.

Based on the amount of CO2 emitted by a private family car in one year from driving, a smartphone user is equivalent to 88 kg of CO2 emissions per year.

Some 180 million mobile devices are currently used in Japan. The total CO2 emission per year is equivalent to what is produced by 10 Million cars.

*Based on the amount of CO2 emitted by a private family car in one year from driving.*
The telecommunications industry as a whole emits vast amounts of CO2. Some 180 million mobile devices are currently used in Japan. The total CO2 emission/year is equivalent to what is produced by 10 Million private family cars in one year. The telecommunications industry has a great responsibility.

*Based on the amount of CO2 emitted by a private family car in one year from driving.*
DOCOMO will tackle CO2 emission reduction by applying cutting-edge technologies for improved energy efficiency and procuring clean renewable energies.
DOCOMO’s Initiatives for Carbon Neutrality

**R&D**

IOWN

- Develop next-generation network and information processing platforms to realize higher-speed and lower-power communications.

**Implementation**

- Network energy efficiency improvement
  - Promote technical development and introduce equipment that helps reduce power consumption of network

**Procurement**

- Renewable energy
  - Develop and procure renewable energy
Network energy efficiency improvement

- Enhancement of base station sleep function
- Rollout of 5G low-power consumption equipment, etc.
- Equipment integration through density enhancement of base station equipment (High-density BDE*)
- Direct power supply from high-voltage direct-current equipment to reduce transmission loss
- Active rollout of intelligent air conditioning control system

*1 Base station Digital processing Equipment
Active use of renewable energies

In cooperation with NTT Anode Energy Corporation, DOCOMO procures renewable energy from various resources including photovoltaic power plants.

*The images above are for illustrative purposes only and the actual service/product may look different.
Initiatives for carbon neutrality of value chain

Promotion of green energy

Promoting green initiatives through installation of solar panels at docomo Shop, etc.

CO2 emissions reduction

Actively pursuing the procurement of eco-friendly products from suppliers of mobile devices and communications equipment, etc.
DOCOMO will achieve carbon neutrality by 2030

*Reduction of CO2 emissions generated through our business activities (covering scope 1 & 2 of GHG protocols)
*Including the amount of real renewable energy through Non-Fossil Certificates (NFCs) for renewable energy.
Together with our customers and partners, DOCOMO will launch initiatives to make our planet carbon neutral!
High-Speed and Green 5G

5G offers improved energy efficiency compared to previous generations.

On top of it, DOCOMO’s 5G is powered by green energy.

Let’s start doing good for our planet with Green 5G!
Electricity you use in everyday life to be derived 100% from green energy

Because electricity is an essential necessity for our lives, we have been thinking about how we can offer an environment-friendly solution that can serve your daily needs and lessen the impacts on the earth.

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Earth-friendly initiatives launched/in the pipeline!

Sustainable x d fashion

ESG themes added to point investment service

THEO GREEN

Recycled material x d CARD

*The images above are for illustrative purposes only and the actual service/product may look different.
THEO GREEN

ESG theme added to point investment service

Green 5G

docomo Denki Green

Recycled material × d CARD

Sustainable × d fashion

DOCOMO BIKE SHARE
Play kind for our planet. “Caboneu”
Created a new character, “Caboneu,” who eats CO2 to communicate our carbon neutrality initiatives in an easy-to-understand way.
THEO GREEN

Green 5G

docomo Denki Green

Recycled material × d CARD

ESG theme added to point investment service

DOCOMO BIKE SHARE

Sustainable × d fashion

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Caboneu Platform

A platform that connects you with DOCOMO and our partners for playful carbon neutral actions and visualizes your contribution.

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We will continue to enrich and expand participatory content.
Together with our partners, we will take on the challenge of expanding the “Caboneu” platform and reducing Japan’s overall CO2 emissions!
Caboneu cycle to save our planet together

DOCOMO

Develop a platform for greater collaboration with customers and partners.

Increase participants

Customers

Through participation to the platform, enjoy carbon neutrality actions as an everyday habit.

Expand Services

Our Partners

Work with partners to promote services/actions that will lead to the achievement of carbon neutrality.

Promote Cooperation

Our Partners

Our Partners
Changing worlds with you.
Saving our planet with you.
appendix
Choose THEO GREEN to support green companies

Support companies that will build our future by selecting stocks of ESG-orientated corporations that are friendly to both our planet and society!!

Planned for launch: September 28, 2021

*THEO GREEN is a feature that can be accessed by users of THEO+docomo service. With THEO Green, of the three functional portfolios provided by THEO, the Growth Portfolio will be composed primarily of ESG-related ETFs. Customers can switch to THEO GREEN at their own discretion (up to 10 times a year). THEO+docomo is a service provided by Money Design Co., Ltd. in collaboration with NTT DOCOMO, Inc., and NTT DOCOMO handles THEO+docomo as an intermediary of financial instruments.

The images above are for illustrative purposes only and the actual service/product may look different.
Start investing for the future using d POINTs

Invest in ESG-conscious themes for earth-friendly and smart fund management

Planned for launch: Mid-October 2021

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The standard “going forward”

Let's start from what we can do, e.g., fashion suggestions that incorporate “sustainability” into our everyday life.

Launch:
September 27, 2021

*The images above are for illustrative purposes only and the actual service/product may look different.
A new d CARD made of eco-friendly materials

By using recycled material sourced from waste plastic for d CARDs, we will reduce CO2 emissions generated in the manufacturing process

Planned for launch: 2023 or later

The images above are for illustrative purposes only and the actual service/product may look different.
This document is a translation of the Japanese original. The Japanese original is authoritative.

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* “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.