Initiatives in the Fujitsu Way, Global Responsible Business, and the Environment

April 16, 2021

Fujitsu Limited
Corporate Executive Officer, Chief Sustainability Officer

Yumiko Kajiwara
Presentation Contents

1. Our Purpose - Fujitsu Way
   Management Direction (Non-Financial Targets and Global Responsible Business)

2. Environmental Initiatives
   - Medium/Long-term Environmental Vision
   - SBT 1.5°C Certification - Energy Conservation Measures and Promoting Renewable Energy
   - Environmental Action Plan

3. Contributing to Our Customers
   - Business Case Studies
Why does Fujitsu exist?
For that purpose, what actions should each of our employees take?

Our Purpose is to make the world more sustainable by building trust in society through innovation.
Our Purpose

- Set ambitious targets and act with agility.
- Embrace diversity and create original ideas.
- Stay curious and learn from failures and experiences.
- Deliver positive impact through human centric innovation.

Trust

- Honor promises and exceed expectations.
- Act with ethics, transparency and integrity.
- Work autonomously and unite for common goals.
- Contribute to a trusted society using technology.

Empathy

- Strive for customers’ success and their sustainable growth.
- Listen to all people and act for the needs of our planet.
- Work together to solve global challenges.
- Generate shared value for our people, customers, partners, community and shareholders.

Code of Conduct

- We respect human rights.
- We comply with all laws and regulations.
- We act with fairness in our business dealings.
- We protect and respect intellectual property.
- We maintain confidentiality.
- We do not use our position in our organization for personal gain.

Our purpose is to make the world more sustainable by building trust in society through innovation.
Management Direction: Non-Financial Targets and Global Responsible Business

Setting financial and non-financial management targets to achieve our Purpose

Fujitsu’s Sustainable Growth

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<th>Purpose-Driven Management</th>
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<td><strong>Financial Targets</strong></td>
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<td><strong>Non-Financial Targets</strong></td>
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<td>Society and Customers</td>
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<td>Employees, Organization,</td>
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<td>Culture</td>
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7 Issues in Global Responsible Business
The global environment is the foundation of a sustainable society, which is the aim of our Purpose. Limiting CO₂ emissions and the use of resources to within what the earth permits is necessary for sustainability. We will work on both of the following:

- Our own zero CO₂ emissions and reducing our burden on the environment
- The decarbonization of our customers and society and the reduction of the burden on the environment through our business
Non-Financial Targets Leading to Future Value Creation

Relationship between financial and non-financial information

Global Responsible Business initiatives will be reflected in future financial results

Financial information (past results)

Non-financial information (Incorporating sustainability into our management direction and business models will lead to future corporate value)
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Environmental Initiatives

Creating a society in which over 9 billion people can live well by overcoming the constraints in such areas as energy, water, and food resources

**Evolution of initiatives and targets**

- **1990's**
  - 1989 Established Environment Committee

- **1990's**
  - 1993 Started Environmental Action Plan

- **1990's**
  - 1994 Introduced ISO14001 Environmental Management System

- **1990's**
  - 1996 Started to issue Environment Report

- **1990's**
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- **2000's**
  - 2004 Established methodology for evaluating the environmental impact of IT solutions

- **2000's**
  - 2008 Formulated Green Policy 2020 medium-term environmental vision

- **2000's**
  - 2008 Formulated Biodiversity Action Principles

- **2007**
  - 2007 Started Green Policy Innovation project for green IT

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- **2010's**
  - 2015 Started published integrated reports
  - 2017 Formulated Fujitsu Climate and Energy Vision and received SBT 2.0°C certification

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- **2019**
  - 2019 Issued support for TCFD

- **2018**
  - 2018 Joined RE 100

- **2017**
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While contributing to the creation of a decarbonized society through technologies and services underpinned by digital transformation, we aim to achieve our own zero CO₂ emissions by 2050.

Achieving our own zero CO₂ emissions

Contributing to a decarbonized society

Contributing to measures for society to cope with climate change

Through innovations in energy conservation from advanced technologies and the strategic use of renewable energy and carbon credits, we seek for its operations to achieve zero CO₂ emissions by 2050.

We will generate innovations through ecosystems in a variety of areas, including mobility and manufacturing, to contribute to the optical use of energy and decarbonization throughout society.

Through the use of such technologies as HPC and AI, we will contribute to building resilient societal infrastructure and the stable supplies of agricultural products in order to minimize the damage from climate change.
Registered for SBT 1.5°C Certification (Announced today, 4/16)

- **Improving our reduction targets**, from SBT 2.0°C certification in 2017 to SBT 1.5°C

By accelerating comprehensive energy conservation and the use of renewable energy, seeking a reduction of 71.4% of greenhouse gas by 2030 (compared to 2013)

※1. SBT (Science Based Targets): A global initiative to set greenhouse gas reduction targets for corporations based on scientific evidence
Energy Conservation Measures: Example of Data Center Initiatives

Use of AI air conditioning control to reduce data center power consumption, which will increase further in the future.
Promoting Renewable Energy
Joining the RE 100 Initiative
Participating as Japan’s first gold member (2018)

Aims
- Collect information to expand the use of renewable energy
- **Deploy renewable energy based on uniform global rules**
- Make suggestions to governments on government policies

Fujitsu’s Targets

<table>
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<tr>
<th>Year</th>
<th>Electric power used in business (Ratio of renewable energy)</th>
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<tr>
<td>2030</td>
<td>40%</td>
</tr>
<tr>
<td>2050</td>
<td>100%</td>
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Promoting Renewable Energy
Joining the RE 100 Initiative

Deployed to date in accordance with regional characteristics, now focusing on Japan (Asia) and Australia.
Promoting Renewable Energy
Initiatives in Japan and Australia

Japan
- Since FY2020, 100% renewable energy at 3 locations: Aomori, Kumamoto, Oita
- From FY2021, 100% renewable energy at Fujitsu Kawasaki Main Office
  - Aomori Systems Laboratory
  - Kumamoto Systems Laboratory
  - Oita Systems Laboratory

Australia
- Built solar power generator for the Brisbane data center in FY2020
- Considering starting power purchase agreements in 2023 for 1/3rd of the total power used at 6 data center locations

NEW!

Fujitsu Kawasaki Main Office

Aomori Systems Laboratory

Kumamoto Systems Laboratory

Oita Systems Laboratory

Brisbane Data Center

Western Sydney Data Center
Implementation Plan for the Environmental Action Plan (FY2021-22)

- Formulated 2-year implementation plan based on long-term targets

  Contributing to transforming management and improvement of the global environment to achieve our Purpose

- **Climate change**
  - Reduce greenhouse gas emissions in line with SBT 1.5°C target (energy conservation and deployment of renewable energy)

- **Resource circulation**
  - Further promote eco design to conserve resource with aim of reducing plastic in products and packaging
  - Reduce amount of water used across supply chains, strengthen water risk evaluations

- **Coexistence with nature**
  - Implement evaluations of corporate impact on biodiversity
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Calculating optimal distribution routes, which took a team of several people several months before, now can be done in 30 minutes. Confirmed that total mileage and total cost can be improved by 2 to 5% compared to existing plans. Contributes to reducing CO$_2$ emissions from driving.
(Contribution to Decarbonization)
FJcloud Operating on 100% Renewable Energy

- By FY2022, all of the electrical power required to operate the Fujitsu Hybrid IT Service FJcloud cloud service will be 100% from renewable energy sources

<Flagship Data Centers>

**Tatebayashi**
- Through the Digital enhanced Xchange (DEX) network, connects to FJcloud within the data center and also seamlessly connects to other companies’ cloud services
- Large-scale data center with 4,000-rack capacity
- Customer engineers in place 24/7 + has a parts warehouse
- Record of providing strong support for large-scale systems, such as for financial institutions

**Yokohama**
- Near Tokyo metropolitan area, enabling quick access from Tokyo
- More than 10,000 servers for multi-vendor accommodation
- Other manufacturer’s maintenance site within 30-minute access
- Customer engineers in place 24/7
- Through the DEX network, connects to FJcloud within the data center and also seamlessly connects to other companies’ cloud services

**Akashi**
- Among the largest facilities in Western Japan
- Customer engineers in place 24/7 + has a parts warehouse
- Through the DEX network, connects to FJcloud within the data center and also seamlessly connects to other companies’ cloud services
- Meeting disaster recovery needs in East Japan
(Contribution to Decarbonization)
Contribution to the Maximum Use of Distributed Energy Resources and the Expansion of Renewable Energy

- From April, providing virtual power plant (VPP) solution to energy providers and aggregators
- Collaboration with AutoGrid, which has a track record with more than 50 of the world's largest electric companies, with Fujitsu starting exclusive sales in Japan
- Basic features of the VPP use AutoGrid's solution Fujitsu provides added value with its proprietary technology (high-speed data processing platform)
- The supply and demand adjustment market opened in April 2021 and the use of distributed energy resources including renewable energy is expanding. Fujitsu will contribute to the maximization of renewable energy use by providing VPP solutions.
AI technology enables predictions of river water levels with small amount of past rainfall and water level data.
Trading in rice lacks transparency, the process is not automated, and it is extremely complex.

With Fujitsu as a partner, Ricex is building a completely integrated global digital platform based on blockchain technology that connects buyers and producers.

By matching producers and buyers, we have reduced the intermediate waste of rice and improved the efficiency of transactions.

Providing safety and security to consumers by distributing certification information on production area and sustainable cultivation.
Fujitsu is being evaluated by the world. We will continue to evolve and push ahead to achieve our Purpose.

Member of
Dow Jones Sustainability Indices

Dow Jones Sustainability World Index for 21st time

Selected to be included in the Dow Jones Sustainability World Index 21 times* (*most of any Japanese company)

CDP Climate Change, Water Security Supplier Engagement Rating A List 2020

Received top evaluations in CDP’s surveys in Climate Change and Water Security
Climate Change: 4th consecutive year
Water Security: 2nd consecutive year
shaping tomorrow with you