Green x Digital Consortium

The Green x Digital Consortium will work to digitize environment-related fields and **create** new business models so as to optimize Japanese industry and society as a whole toward the realization of carbon neutrality by 2050.
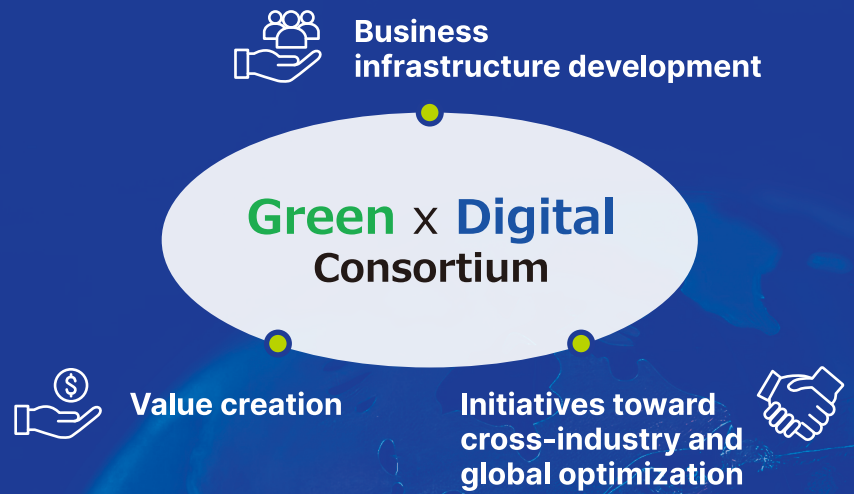
Regular Members 144

Supporting Members 6

As of September 6, 2024

Business infrastructure development

Green x Digital Consortium

Value creation

Initiatives toward cross-industry and global optimization

Activities

1. Creation and promotion of digital solutions that contribute to the advancement of corporate environmental activities. (real-time data collection, hot spot analysis, promotion of renewable energy, etc.)

2. Consideration and recommendations regarding data exchange and reliability assurance related to environmental activities.

Activity plan

▸ **Creating a framework for visualization of supply chain CO2 emissions**
- Publication of "CO2 Visualization Framework" and "Technical Specifications for Data Exchange" summarizing the concept of CO2 data calculation based on primary data.
- Consideration of institutional issues and solutions related to data reliability assurance and verification.

▸ **Study of decarbonization of individual business areas**
- Extracting issues and developing model cases for ensuring business continuity of regional data centers.
- Consideration of establishing new WGs/SWGs for decarbonization of individual business areas.

▸ **Digital measurement, evaluation, and management of environmental contribution performance**
- Extracting common issues in IT systems that measure, evaluate, and manage environmental contribution performance data in companies.
- Consideration of basic requirements for GX products, quantitative indicators, data quality, and data collection methods.

▸ **Dialogue and information dissemination with domestic and international related organizations**
- Exchange of opinions with related organizations such as AIST, IPA DADC, and WBSCD PACT.
- Disseminating information on visualization of supply chain CO2 emissions as an example of data distribution based on the DFFT concept.

Green x Digital Consortium

Name	**Green x Digital Consortium**
Born	**October 19, 2021**
Members	**Regular Members: 144, Supporting Members: 6 [As of September 6, 2024]**
Secretariat	**JEITA Green Digital Innovation Office**

Chair

Dr. Noboru Koshizuka
Interfaculty Initiative in Information Studies, The University of Tokyo

Organization

General Meeting
Chair: **Dr. Noboru Koshizuka**

Steering Committee
Leader: **MITSUBISHI ELECTRIC CORPORATION**

Visualization Working Group
Address visualization of CO2 emissions across the supply chain

Leader: **NEC Corporation**

Sub-Leader: **Fujitsu Limited**
Mizuho Research & Technologies, Ltd.

Data Center Decarbonization Working Group
Build a business model for data center business supporting the Digital Garden City Initiative

Leader: **Fuji Electric Co., Ltd.**

Working Group on Valorization of Data on Environmental Activities
Examine common issues in IT systems measuring, assessing, and managing performance data for companies' environmental activities

Leader: **Ricoh Company, Ltd.**

Contact us

Green x Digital Consortium Secretariat
(JEITA Green Digital Innovation Office)

https://www.gxdc.jp/english/