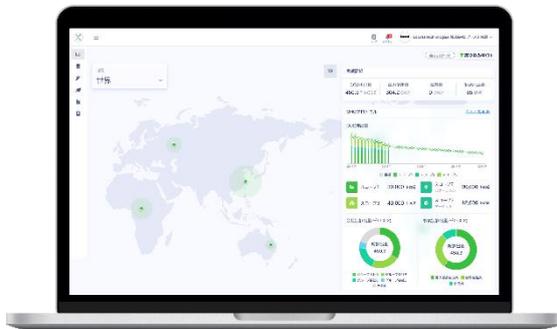


## boost technologies、Offering Global Plan for Companies with Overseas Offices

~Compatible with overseas emissions intensity database "ecoinvent Database," emissions management for each of 235 countries and regions, and 25 languages are now available.~

boost technologies, Inc. (Shinagawa-ku, Tokyo; CEO Hironori Aoi; hereafter "the Company"), a Climate Tech company, has started offering a global plan for companies with overseas offices in a global carbon management platform "ENERGY X GREEN" (<https://green.energyx.jp/>), which is operated and developed by the Company and selected by "NET-ZERO Leaders" (\*1) who are leading various industries with advanced efforts toward the realization of NET-ZERO.

The new system is compatible with the ecoinvent Database, a highly comprehensive, versatile, and reliable overseas emissions intensity database (DB), and enables emissions management by 7 regions, 235 countries and regions, and support for 25 languages. It enables highly granular, centralized management of CO2 and other emissions visualization, management, offsetting, and reporting for supply chains, including overseas locations, and accelerates the decarbonization of global companies that have business partners in many countries.



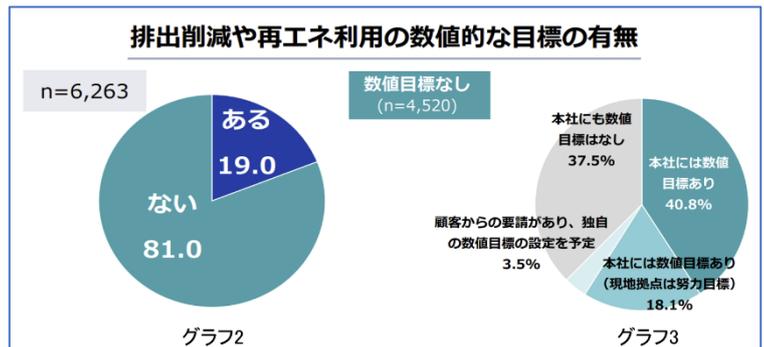
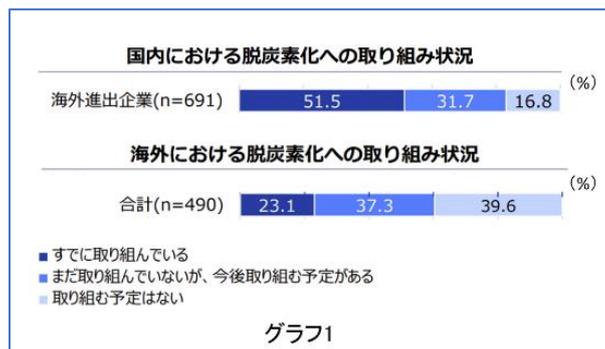
# ENERGY X GREEN

Produced by

### ■Background of "ENERGY X GREEN" Overseas Support

As the world moves toward decarbonization, the Corporate Governance Code revised in June 2021 requires prime market listed companies to disclose climate change-related information based on the TCFD or an equivalent international framework. "ENERGY X GREEN" has been introduced to top companies in various industries such as AEON and EDION, and provides consistent support from visualization of CO2 emissions throughout the supply chain including Scope 3 to information disclosure.

According to a survey by the Japan External Trade Organization (JETRO), the status of overseas decarbonization efforts by Japanese companies with overseas operations lags behind that in Japan (Graph 1), with about 80% of companies responding "no" in terms of numerical targets for emissions reductions and renewable energy use at local sites (Graph 2). Of those companies that answered "no," about 40% responded that "their headquarters also has no numerical targets" or that "they plan to set their own numerical targets at the request of customers" (Graph 3), indicating the difficulty of setting targets for their own sites and the delay in starting such efforts.



Source: [Report Version] FY2021 | JETRO Overseas Business Survey Questionnaire survey on overseas business development of Japanese companies [https://www.jetro.go.jp/ext\\_images/\\_Reports/01/12f5036312ce9e76/20210064rev2.pdf](https://www.jetro.go.jp/ext_images/_Reports/01/12f5036312ce9e76/20210064rev2.pdf)

Source: FY2022 Survey of Japanese Companies Operating Overseas | Worldwide Edition: Survey of 7,173 Japanese companies operating overseas [https://www.jetro.go.jp/ext\\_images/\\_Reports/01/ffa821e80c77b8c3/20220036rev1.pdf](https://www.jetro.go.jp/ext_images/_Reports/01/ffa821e80c77b8c3/20220036rev1.pdf)

The following issues can be inferred as the background to this reality.

**<Major issues in calculating the emissions of companies with overseas bases>**

- The number of available emission intensities is limited, and the coefficients (intensities) for each country are not available.
- The versatility of the available emission intensity is limited, and exhaustive calculations cannot be performed.
- The language used is limited, so work is often concentrated on local English-speaking staff.

In light of the above, we have launched the Global Plan to enable global companies with overseas offices and plants, including prime market listed companies, to efficiently manage emissions over a wider area and with greater granularity.

**■ Three key points of the Global Plan**

**① Support for the “ecoinvent Database,” an overseas emissions intensity database with high coverage, versatility, and reliability**

The ecoinvent Database is a highly versatile database, covering a diverse range of countries and sectors. It was developed with the aim of providing scientifically accurate and transparent international inventory data. It has been reviewed by multiple experts and is highly reliable, and is widely used mainly in Europe and the United States, which are leading countries in the decarbonization process. (\*2)

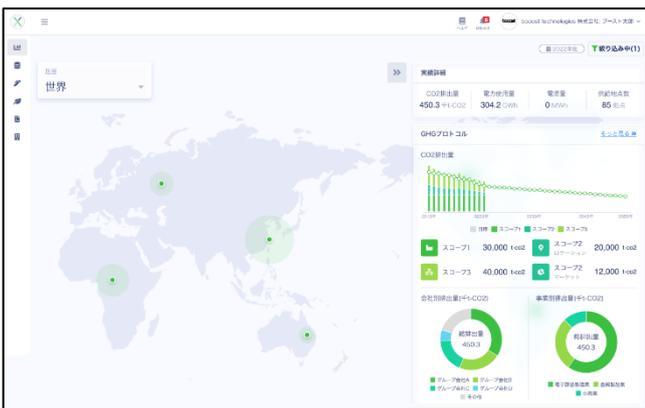
In addition to the Ministry of the Environment’s emissions intensity database, we have developed a new function with which users can easily import the ecoinvent Database and IDEA (\*3), a major LCI database mainly for Japan and Asia, into “ENERGY X GREEN,” and can calculate emissions intensity using these databases. This function enables companies with many overseas offices and factories to manage their emissions more comprehensively and granularly in a centralized manner, thereby helping to accelerate decarbonization.

**② Emissions management by 7 regions, 235 countries and territories**

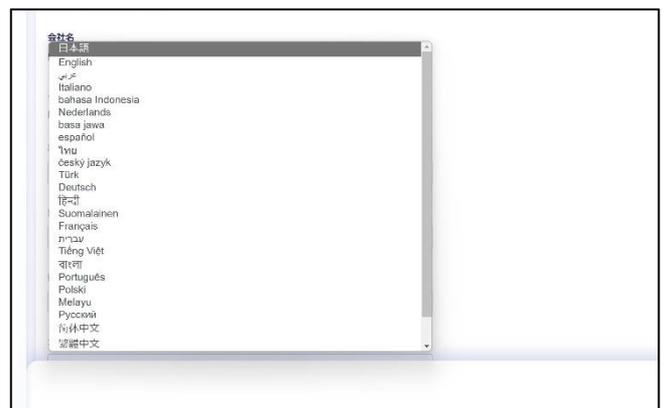
This is a significant expansion from the previous nine sites in Japan to seven regions and 235 countries and regions where users can manage their emissions. The regions and countries/regions to be expanded were selected with reference to top companies in each industry, focusing on areas with many overseas offices and business partners.

**③ Support for UI, input and output data, etc. in 25 languages**

Seven additional regions and 235 additional countries and territories referred in ② are now available in languages other than Japanese, including English, Chinese, Spanish, and Hindi.



Dashboard to manage the entire world



Language selection function

This time, we will support decarbonization on a more global scale by supporting the countries and regions where leading Japanese global companies are operating and the languages spoken there. As a technology partner of NET-ZERO leaders and sustainability leaders in various industries, we are committed to building the No. 1 decarbonization and sustainability platform.

\*1 NET-ZERO Leaders: Individuals and companies that are leading their respective industries through progressive efforts to realize NET-ZERO  
※NET-ZERO: Reduce CO2 emissions to the limit, and then subtract the residual amount by absorption and removal to bring the total to zero.

\*2 Reference: Ministry of the Environment Green Value Chain Platform, Reference at the time of calculation  
([https://www.env.go.jp/earth/ondanka/supply\\_chain/gvc/estimate\\_tool.html](https://www.env.go.jp/earth/ondanka/supply_chain/gvc/estimate_tool.html))

■Newest Database Ver.3.2 (EXCEL/6.04MB) <released in March 2022>  
[https://www.env.go.jp/earth/ondanka/supply\\_chain/gvc/files/tools/DB\\_V3-2.xlsx](https://www.env.go.jp/earth/ondanka/supply_chain/gvc/files/tools/DB_V3-2.xlsx)

\*3 LCI Database IDEA Version 3.2.0 (2022/04/15) National Institute of Advanced Industrial Science and Technology (AIST), Safety Science Research Division, IDEA Lab.

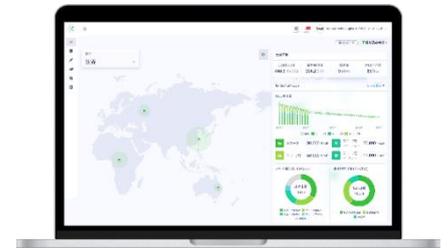
### ■About ecoinvent

“ecoinvent is a not-for-profit association based in Zurich, Switzerland, dedicated to the availability of high-quality data for sustainability assessments worldwide. As the world’s most consistent and transparent life cycle inventory database, the ecoinvent database supports environmental assessments of products and processes worldwide. The ecoinvent Database enables users to gain a deeper understanding of the environmental impacts of their products and services. It is a repository covering a diverse range of sectors on global and regional level. It currently contains more than 19’000 activities, otherwise referred to as ‘datasets’, modelling human activities or processes. ecoinvent datasets contain information on the industrial or agricultural process they model, measuring the natural resources withdrawn from the environment, the emissions released to the water, soil and air, the products demanded from other processes (electricity), and of course, the products, co-products and wastes produced.”



### ■About ENERGY X GREEN

ENERGY X GREEN” is a carbon management platform that enables visualization, management, offsetting, and reporting of CO2 emissions. Selected by NET-ZERO leaders in various industries, ENERGY X GREEN has been implemented at more than 120,000 locations in total. It enables visualization of emissions for each product and service, and implementation of CO2 reduction (energy saving, renewable energy, purchase of non-fossil certificates, etc.) according to a plan. Furthermore, various reporting reports for international initiatives (RE100, SBTi, TCFD, etc.) and the Global Warming Law are automatically generated. It supports efficient decarbonization management.



※Validated system in accordance with ISO 14064-3 on GHG as defined by the International Organization for Standardization (ISO)

### ■About boost technologie, Inc.

To leave a sustainable future to the next generation, we aim to realize NET-ZERO through the power of technology.

It is a Climate Tech company that aims to realize a carbon-free future by providing “ENERGY X GREEN,” a carbon management platform selected by NET-ZERO leaders that enables visualization, management, offsetting, and reporting of CO2 and other emissions, and “ENERGY X,” an energy management platform that enables energy management, including procurement and supply of CO2-free electricity.

We will promote global decarbonization together with decarbonization leaders in various industries to realize NET-ZERO. We are collaborating with Mizuho Bank, Shoko Chukin, PwC Consulting, Cisco Systems, and others in the visualization of CO2 and other emissions through automatic calculation. We aim to build the No. 1 decarbonization and sustainability platform.

<Company Profile>

Company Name : boost technologies inc.

Location : 10F Shin-Osaki Kangyo Building, 1-6-4 Osaki, Shinagawa-ku, Tokyo, Japan

Establishment : April 15, 2015

Representative : CEO, Hironori Aoi

Capital : 1,460,650,000 yen (including capital reserve/as of March 31, 2022)

Business : Operation and development of ENERGY X

Operation and development of ENERGY X GREEN

Corporate Website : <https://boost-tech.com/>

ENERGY X Service Website : <https://energyx.jp/>

ENERGY X GREEN Service Website : <https://green.energyx.jp/>

<Initiative, Membership in consortiums – Development of solutions compliant with international standards>



Japan's first PACT Global Startup Partner to promote the establishment of international rules for the exchange of emissions data between companies

<https://www.carbon-transparency.com/>



IFRS Sustainability Alliance member familiar with the latest initiatives in international sustainability-related disclosure standards

<https://www.ifrssustainabilityalliance.org/>



Certified scoring partner for the world's trusted CDP Climate Change Questionnaire

<https://japan.cdp.net/partners>



Member of the Steering Committee of the Green x Digital Consortium, the only company to provide CO2 emission visualization tools

<https://www.gxdc.jp/>