CORE CONCEPT TECHNOLOGIES INC.

News Release

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Core Concept Technologies Inc.

Securities code: 4371 (Growth Market of TSE)

CCT Supports the Decarbonization of the "Smart Innovation Ecosystem NOVARE," an Innovation Hub of Shimizu Corporation, and Co-creates a System for Visualizing Energy at Multiple Buildings

Core Concept Technologies Inc. (headquartered in Toshima City, Tokyo; Representative Director, President and CEO: Takeshi Kaneko; hereinafter referred to as "our Company"), which offers support for DX, helped develop a dashboard for "management of energy at multiple buildings," which visualizes the demand and supply of energy in multiple buildings in the "Smart Innovation Ecosystem NOVARE," an open innovation hub of Shimizu Corporation (headquartered in Chuo City, Tokyo; Representative Director and President: Tatsuya Shimmura; hereinafter referred to as "Shimizu Corporation"). In this project, our Company engaged in all processes from design to implementation seamlessly not as a mere development partner, but as a "co-creation partner," who shares a vision and solves issues together. Our Company contributed to the creation of new value that will accelerate the green transformation (GX) of enterprises.



Dashboard installed in NOVARE. The status of energy management at multiple buildings is visualized on a real-time basis.

■Background

In order to achieve carbon neutrality in 2050, it is imperative to transform buildings into energy-saving ones in the construction and real estate fields. However, it is difficult to grasp the status of complex use of energy at multiple buildings on a real-time basis and utilize it for making decisions, so the advanced IT implementation skill has been demanded. As Shimizu Corporation aspires to "create a future 100 years from now," our Company shared the purpose and background of the client carefully. In parallel, we have designed and installed a system for visualization, which displays energy data of multiple buildings intuitively by organizing and integrating them on a dashboard. From the rough-sketch stage, we had discussions about the display logic and how data should be shown with Shimizu Corporation, so we were able to co-create a basic system for creating the dashboard.

■Regarding this project

This project is to visualize the status of renewable energy used at multiple buildings in a unified manner with a dashboard so that staff can grasp it easily.

In addition to the design and construction of the system, our Company has participated as a co-creation partner discussing and promoting the system with Shimizu Corporation while sharing the purpose and background of the project. Thanks to such efforts, this project progressed smoothly, leading to the creation of new value in the "Smart Innovation Ecosystem NOVARE."

Issue/request	We want to convey the concept of the "Smart Innovation Ecosystem NOVARE" and the new energy management system pursued in NOVARE to visitors visually in an easy-to-understand manner.
Solution	We set a large triple display at the entrance where visitors are expected to first view the system in the building. By using MotionBoard, we expressed energy consumption in NOVARE and how energy is allocated among multiple buildings with graphs and diagrams.
Effects	We received many favorable comments from visitors. There is an increasing number of business talks with enterprises interested in renewable energy.

Our Company will keep contributing to the sustainable growth of society and businesses by offering support for DX while addressing issues faced by each business and actual workplaces, to create medium/long-term value for clients.

▼For details on this case, please click here.
https://www.cct-inc.co.jp/solution/case/9099/

▼For the interview in our owned media "Koto Online," please click here.
Manufacturing we pursued together with a co-creation partner so that "innovation will be visualized"
https://www.cct-inc.co.jp/koto-online/archives/768
What kind of world does NOVARE aim to realize by envisioning an ideal state and then applying the "backcasting" method?
https://www.cct-inc.co.jp/koto-online/archives/770

▼Click here to visit the website of the "Smart Innovation Ecosystem NOVARE."
https://www.shimz.co.jp/novare/

■About Shimizu Corporation

Having started its business in 1804, the company now operates business in the five fields: "real estate development," "engineering," "green energy development," "building lifecycle," and "frontier" with the core business being "construction business (construction, civil engineering, and overseas construction)." The Shimizu Group set "SHIMZ VISION 2030," a long-term vision for the year 2030, and declared that they would contribute to the realization of a sustainable society where people can feel affluence and happiness by transforming themselves continuously in an aggressive manner beyond the framework of construction business and creating value ushering in a new era (smart innovation) through co-creation with diverse partners.

■About Core Concept Technologies Inc.

Our Company offers support for DX with a focus on the manufacturing, construction, and logistics industries, and support for staffing of IT personnel which enables us to deal with a broad range of industries. Utilizing our DX development base "Orizuru" and the extensive business partner network "Ohgi," we closely support customers from the definition of ideal state to technical verification, system construction, operation and maintenance, and in-house production in a comprehesive manner.

For inquiries about this release

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