

PRESS RELEASE

Woonerf and Asuene Form Business Alliance (Providing CO2 Emission Visualization, Reduction, and Reporting Cloud Service ASUENE and SX Consulting)

Supporting decarbonization mandates in the Construction and Real Estate Industry in Japan through LEED and WELL Green Building Certification Support and General SX Consulting

July 25, 2024, 10:00 AM

Woonerf Inc.

Woonerf Inc. (Head Office: Chiyoda-ku, Tokyo; Representative Director: Hiroki Hiramatsu) has signed a partnership agreement with Asuene Inc. (Head Office: Minato-ku, Tokyo; Representative Director and CEO: Kohei Nishiwada).

The two companies will support the achievement of decarbonization mandates of companies in Japan by providing ASUENE, a climate cloud service for visualizing and reporting CO2 emissions at the management level, along with Woonerf Inc.'s engineering solutions to obtain green building certifications* and reduce emissions at the asset level.

ASUENE



Background of the Business Alliance

While the need for decarbonization in the construction and real estate industry is increasing year by year, in Japan, international green building certification systems such as LEED* and WELL* are only recognized by experts, and their adoption is not widespread. Additionally, as more companies are taking climate change measures, there is a need to verify whether the design performance of Net Zero Energy Buildings (ZEB)* defined by the Ministry of Economy, Trade, and Industry in 2009 can be realized in the operational stage. Finally,, funding is needed to promote the ZEB transformation of existing buildings that outnumber new constructions.

Recently, the demand for acquiring international green building certifications due to the expansion of energy-efficient buildings domestically and internationally, and the need for CO2 emission visualization and whole-life carbon calculation* of buildings in accordance with the globally recognized GHG protocol, as well as reduction measures, have been increasing.

We have executed a business alliance agreement to address these complex challenges together with Asuene..

Contents of the Business Alliance

The starting point for decarbonization is to understand the current situation. It is necessary to first grasp the current state, formulate and implement an action plan to reduce carbon emissions, and then continuously identify further reduction opportunities through effective verification.

ASUENE provides cloud services for CO2 emission visualization, reduction, and reporting across the entire supply chain for companies, covering Scope 1-3* of the GHG protocol, along with SX* consulting. Leveraging its strength in providing a one-stop solution for decarbonization, it offers comprehensive services to promote corporate decarbonization management.

In addition to supporting the acquisition of international green building certifications, Woonerf offers ESG evaluation (benchmarking and information disclosure support based on global standards), decarbonization strategy formulation, LCA (Life Cycle Assessment), energy simulations, energy-saving diagnostics, and commissioning services. Along with Japanese engineers, we have a large number of building engineers and consultants from over 10 countries, constantly updating the latest information on environmental regulations and real estate market impacts worldwide.

Through our partnership with Asuene, we enable companies to comprehensively conduct CO2 emission visualization, analysis, and execution of reduction plans while engaging in green building initiatives. By providing services that leverage the strengths of both companies, we will offer solutions to achieve decarbonization management and contribute to the decarbonization of the entire industry. At the same time, through international certification consulting, we aim for Japan's decarbonization efforts to be accurately recognized by people worldwide in line with global standards.

Asuene Company Overview

Company Name: Asuene Inc.

Business:

"ASUENE" a Climate cloud platform for measuring, reporting and reducing carbon emissions

"ASUENE ESG" a cloud service for ESG evaluation of supply chain procurement

"Carbon EX" a carbon credit and emissions trading platform

Capital: 6.7Bil Yen

Founder CEO: Kohei Nishiwada

Investers: Our Executive, Incubate Fund, Energy & Environment Investment, STRIVE, Pavilion Capital, SBI Investment, Sumitomo Mitsui Banking Corporation, Salesforce Ventures, SPARX Asset Management, GMO VenturePartners, Sony Innovation Fund, Daiwa House Group GROWTH FUND, GLIN Impact Capital, RICOH Innovation Fund, Axiom Asia Private Capital, Murata Manufacturing, NIPPON EXPRESS HOLDINGS, KDDI Green Partners Fund, MetaProp

Founded: October 2019

Address: WeWork, KDX Toranomom 1Chome Building 4F, 1-10-5 Toranomom, Minato-Ku, Tokyo, Japan

Offices: Japan, Singapore, USA, Philippines

URL: <https://corp.earthene.com>

Woonerf Company Overview

Company Name: Woonerf Inc.

Business:

- Certification Consulting
LEED, WELL, SITES, TRUE, BREEAM, Fitwel, Living Building Challenge, Just)
- Sustainability Consulting
ESG Assessments
Engineering and Technical Solutions (LCA, Energy Analysis, etc.)
- Research & Advisory

Representative: President Hiroki Hiramatsu

Established: April 2006

Location: N-cross KUDAN 2F, 4-3-26 Kudan-kita, Chiyoda-ku, Tokyo, Japan

Website: <https://woonerf.jp>

[Regarding Recruitment]

Woonerf is looking for motivated members willing to work together toward the future we want to achieve.

Contact Us : w-contact@woonerf.jp

<Notes and Annotations>

* **Green Building Certification:** A certification system that evaluates the comprehensive sustainability performance of environmentally-friendly buildings. Representative domestic certifications include CASBEE and DBJ Green Building, while international certifications include LEED, BREEAM, and WELL.

* **LEED:** A certification system developed and operated by the U.S. Green Building Council® (USGBC®) that evaluates the built environment (buildings and urban environments).

* **WELL:** A global evaluation system that adds the evaluation axis of "human health" to best practices in building design, construction, and operation, measuring and assessing various factors impacting well-being and certifying spaces that meet certain standards. The system design and operation are mainly conducted by the International WELL Building Institute™ (IWBI).

* **Net Zero Energy Building (ZEB):** A building where the net annual primary energy consumption is zero.

* **Whole Life Carbon Calculation:** The calculation of greenhouse gas emissions, including CO₂, throughout the entire lifecycle of a building.

* **GHG Protocol:** The international standard for the calculation and reporting of greenhouse gas emissions.

* **Domestic No.1:** Based on a survey conducted by Tokyo Shoko Research, Ltd. as of the end of July 2023, this title is given to the CO2 emission visualization service with the highest cumulative number of implementations.

* **Scope 1-3:** Classification of the range of CO2 emissions calculated and reported by businesses as follows:

- **Scope 1:** Direct CO2 emissions from the business's own activities.
- **Scope 2:** Indirect CO2 emissions from the use of electricity, heat, and steam supplied by other companies.
- **Scope 3:** CO2 emissions from upstream and downstream activities in the supply chain not covered by Scopes 1 and 2.

* **SX:** Abbreviation for Sustainability Transformation, which refers to efforts by companies to shift their management policies to prioritize sustainability.

* **CFP:** Abbreviation for Carbon Footprint of Products. A system that converts and displays the total greenhouse gas emissions during the lifecycle of a product or service into CO2 emissions.