

In Japan

A proven home Atmospheric Water Generator developed based on feedback from the field

Demonstration experiment in Toki City, Gifu Prefecture | Circulating minimal infrastructure housing

Demonstration experiment in Toki City, Gifu Prefecture | Water circulation for the future

Ministries and Agencies | Ministry of Land, Infrastructure, Transport and Tourism

Ministries and Agencies | Ministry of Defense

Domestic Projects | Support Activities

Domestic projects | Events etc.

General company installation example

Outside Japan

Overseas Projects | Needs Confirmation Survey

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Indonesia business

American partner companies tackling water issues with cutting-edge technology

Registration and Inspection

Save the world with water from the air

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POTORI is used in various places all over Japan, proving its usefulness not only in everyday life but also in emergencies such as disaster areas and places where water is scarce.

> Demonstration experiment of minimal infrastructure housing in Toki City, Gifu Prefecture

Support for disasterstricken areas

> Utilizing roadside stations as disaster prevention centers for the Ministry of Land, and Tourism









Delivered for Ministry of Defense testing



10 liters/day model (hot and cold water)

Hybrid water machine



Through installation trials at clinics and construction site offices in Tokyo, the product's reliable usability and quality have been highly praised in actual work sites.

Reflecting user feedback, improvements have been made to the "water tank full notification" function and the sound of pumping water.

This is a product that responds to the needs of the field and can be used with confidence.



Tokyo Construction Site Office





Tokyo Hidamari Clinic Roppongi

Demonstration experiment in Toki City, Gifu Prefecture | Circulating minimal infrastructure housing

FREE & CO. 5

We are conducting a demonstration experiment in which people actually live in the world's first minimal infrastructure home with a circulation system and air-powered water maker.

The location is Toki City, Gifu Prefecture.

We are demonstrating that this is a solution for sustainable water resource utilization.

Living in Toki City, Gifu Pianist

Resident





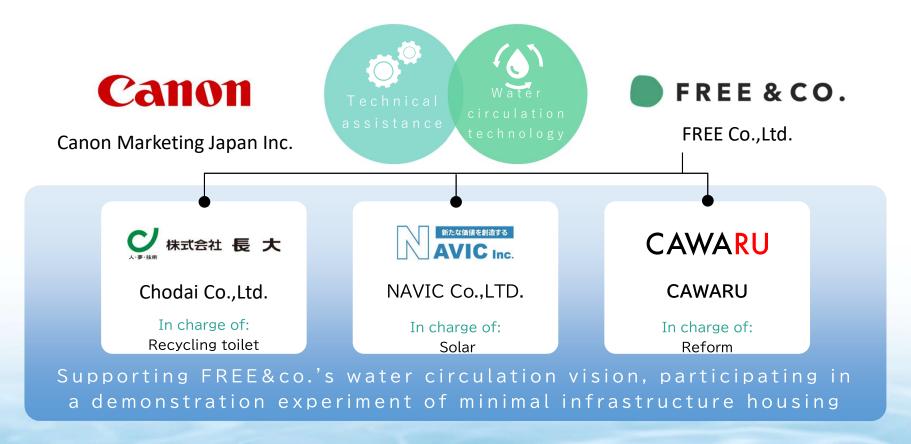
POTORI wastewater purification system

By applying a circulating (wastewater reuse) air water purifier system, it is possible to realize a home that is independent of water infrastructure and does not rely on public water and sewerage infrastructure.

Circulating (wastewater reuse) Atmospheric Water Generation system



Collaborating companies support FREE's vision (a sustainable society based on water circulation)



We are currently conducting installation and demonstration experiments as part of a project to utilize roadside stations as disaster prevention centers.

Tohoku Region 6 Prefectural Roadside Stations Marugoto Festa Exhibit

Shizuoka Prefecture Disaster Prevention Roadside Station "Asagiri Kogen" (Test completed)

Oita Prefecture Disaster Prevention Roadside Station "Yufuin" (Test completed)

> Chiba Prefecture Kurimoto Benikomachi Town







Source: NHK Yamagata NEWS WEB (2023.09.27)

https://www3.nhk.or.jp/lnews/yamagata/20230927/6020018626.html

Yamagata Prefecture Disaster Prevention Roadside Station "Iide"



Roadside station

Installed at the roadside station "Iide", designated as a Yamagata Prefecture regional disaster prevention center Installed a 1000L model (September 2023) Featured in local media and attracting attention → Demonstration experiment

to be conducted in 2024

Off-grid trailer house

An off-grid overnight stay will be held in a trailer equipped with an air-powered water machine (November 2023) NEWS WEB

天気 動画 ニュ

山形 NEWS WEB

▶ 山形の深掘り配事

地域防災拠点に指定 飯豊町の道 の駅で社会実験 設備を案内

09月27日 18時22分



山形県内で唯一、地域の防災拠点として指定されている飯豊町の道の駅で、今後の活用方法を検討する社会実験が今年度から始まり、27日は地元の住民などに防災に関する設備を案内しました。

道の駅「いいで」は、国から地域の防災拠点となる「防災道の駅」に指定されていて去年8月の豪雨では、周辺の道路が冠水して通行止めになったため、避難場所として開放し、およそ100人が避難しました。

In order to utilize it for the Japan Ground Self-Defense Force's water supply activities, we carried out improvements based on onsite inspections and requests, received an order, and delivered the product for testing in December 2023.

> Self-contained model equipped with a disaster prevention generator







(Ministry of Defense model reference material)



On February 5, 2024, we donated two Atmospheric Water Generator to Shika Town, Hakui County, Ishikawa Prefecture.





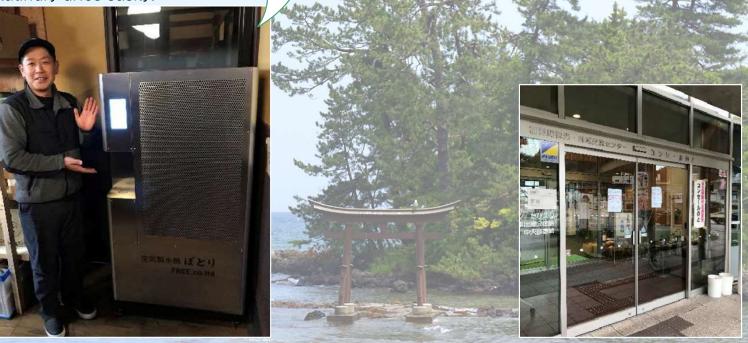


Domestic Projects | Support Activities

Support for areas affected by the Noto Peninsula earthquake

We also received feedback that laundry dries easily.

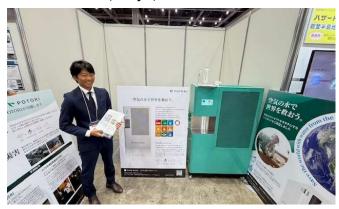
On February 26, 2024, we will donate one Atmospheric Water Generator to Noto Town, Housu District, Ishikawa Prefecture.





Domestic projects | Events etc.

 Crisis Management Industry Exhibition RISCON TOKYO 2024 (Tokyo) - October 2024



■ Tohoku Six Prefectures Roadside Stations Whole Festa (Miyagi Prefecture) - October 2023





Gifu City Disaster Prevention Fair 2023 (Gifu Prefecture) - October 2023





 Advanced Construction, Disaster Prevention, and Disaster Reduction Technology Fair 2022 (Kumamoto Prefecture) - November 2022





Reference: Disaster Prevention Fair in Kumamoto 2022 https://www.skumamoto.jp/2022result/kaijou_fuukei/index.html

Roadside Station Touring Photo Exhibition (Tokyo) - April 2022





Reference: PR TIMES (2022.04.14) https://prtimes.jp/main/html/rd/p/00000009.00043602.html

General company installation example

It has been introduced in a wide variety of private facilities and is used in a wide range of locations, including hospitals, hotels, and office buildings.

As a highly reliable water supply solution, it helps create a safe and comfortable environment every day.

June 2022	Okinawa Prefecture	Iias Okinawa Toyosaki Outside Store Okinawa
July 2022	Chiba Prefecture	Suemaru FT INNOVATORS CO.,LTD.
September 2023	Osaka Prefecture	Kishi Corporation
February 2024	Gifu Prefecture	Comfort Systems Co., Ltd.
May 2024	Aichi Prefecture	Certain medical corporation facility.
September 2024	Tokyo	Hidamari Clinic Roppongi
		And many more



Tokyo Hidamari Clinic Roppongi



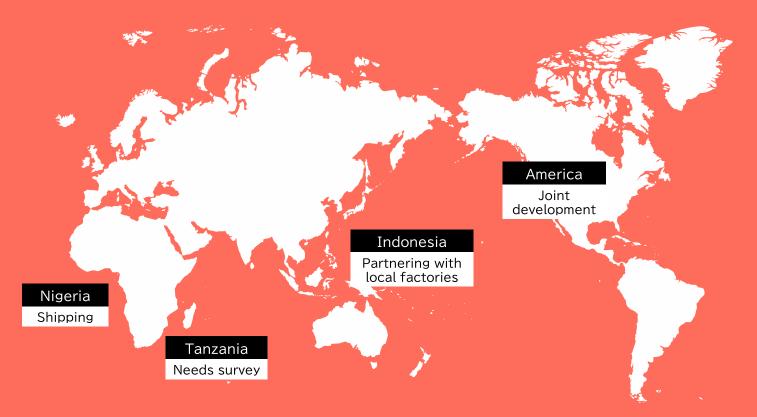
Aichi Medical Corporation Facility



Tokyo Office

Outside Japan

With the aim of disaster prevention and improving the local environment where drinking water standards are not met, we are promoting projects to introduce air water purifiers in various countries and regions. In cooperation with local partners, we are contributing to the creation of a safe and secure living infrastructure through sustainable water supply.









Overseas Projects | Needs Confirmation Survey

A project aimed at improving environments that do not meet drinking water standards.

JICA needs confirmation survey

2023 —	August	JICA inspection
	December	JICA adoption
2024	May to Dec.	Needs survey in Tanzania (Joint project with Watarai Electric Civil Engineering Co., Ltd.)
	July	1st Survey
	August	2nd Survey



Tanks for storing tap water



Bus lane under construction





Activities/NEWS

Asia-Pacific Africa Women 's Economic Exchange Summit

November 2022 Water production demonstration in Saitama Prefecture

December 2022 Request for estimation



1000ℓ Room temperature type



Participating Countries

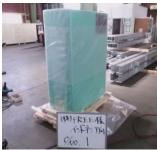
- Republic of Burundi
- Democratic Republic of the Congo
- Republic of Gabon
- Republic of the Gambia
- Republic of Malawi
- United Republic of Tanzania
- Republic of Uganda
- Republic of Zambia
- Republic of Zimbabwe

Overseas projects | Visits to various countries

A project aimed at improving environments that do not meet drinking water standards.

Asia areas				
2023	October	Visit to Bangladesh		
	February	Visit to Qatar		
2024	April	Visit to Indonesia		
	June	Indonesia(shipped in June) Installed in Malang → Moved to Jakarta (September 2024)		
	July	Visit to Thailand		
	September	Partnership with Turkiye local subsidiary Planned future expansion		
	September	Visit to Sri Lanka		
	September	Visit to Indonesia, Thailand		
	November	Visit to Indonesia, Thailand, and the Philippines		
Africa areas				
2024	September	Nigeria shipping		





Indonesia shipping model

Case mark



Compatible with overseas voltages and plug shapes

Surabaya, Indonesia



Indonesia business

With the aim of contributing to measures to combat the water shortage in the Indonesian market, establishing a new sales base, and developing the market, we have partnered with a local factory in Indonesia to supply parts and support the factory's operations.

Before renovation









POS₂

Indonesia shipping model



POT1

 $180\ell/day(50Hz)$ $220\ell/day(50Hz)$ 190l/day(60Hz) 230 l/day(60 Hz)

Factory contract signed with PT. NAGA ARTHA MANDIRI



Cost reduction through local manufacturing

Establishing a sustainable business model

After renovation





We have officially started a joint development project between FREE and a US company that has high expectations for the practical application and commercialization of our advanced technology.

In this project, we aim to combine the company's innovative MOF technology with FREE's know-how in developing and manufacturing air-powered water makers to develop a high-performance hybrid product that is particularly suited to low humidity environments.

Innovative MOF Technology

 \times

Development and manufacturing knowhow of Atmospheric water Generator

FREE & CO.





Prototype No. 1

- Market launch of device that aims to supply 2 liters of water per day without electrical input
- Growth expected in response to demand for sustainable water supply technology

It has passed 51 water quality tests that comply with tap water standards. Its reliable quality has earned it the trust of many companies. It has also received various certifications from third-party organizations, and will support your business as a safe and sustainable water infrastructure.

Various certifications, registrations and inspection results

Registered with UNIDO (United Nations Industrial Development Organization)

Sustainable Technology Diffusion Platform STePP

NETIS (Ministry of Land, Infrastructure, Transport and Tourism): Registration (TH-240022-A)

WaterProject (Ministry of the Environment):

Participation in project

Domestic patent: pending

Overseas patents: pending

Vibration Inspection: Completed

Water Quality Inspection:

Conforms to the 51 criteria of the Japanese Water Supply Act Standards.



