

# Panasonic

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## CORPORATE PROFILE

Panasonic Environmental Systems & Engineering Co., Ltd.

<https://panasonic.co.jp/hvac-cc/peseng/>



Official Website



Panasonic Environmental Systems & Engineering Co., Ltd.

# For the Environment and All of Us, into the Future

Combining “Earth-Friendly”  
and “Make Someone Happy”  
with our technology

At Panasonic Environmental Systems & Engineering Co., Ltd., we envision becoming the best partner supporting our customers’ businesses through advanced environmental technologies and collaborative innovation.

We contribute to enhancing customer value by expertly managing the environmental resources that underpin social infrastructure — water, air, soil, and energy.

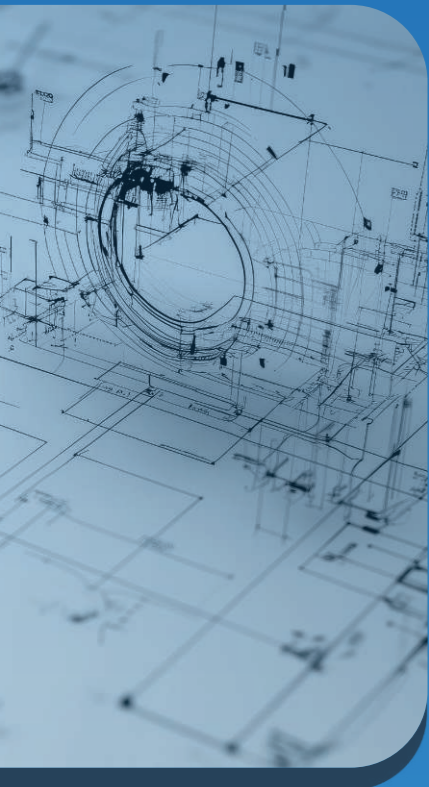
Since our founding, we have addressed societal demands such as reducing environmental impact and improving productivity.

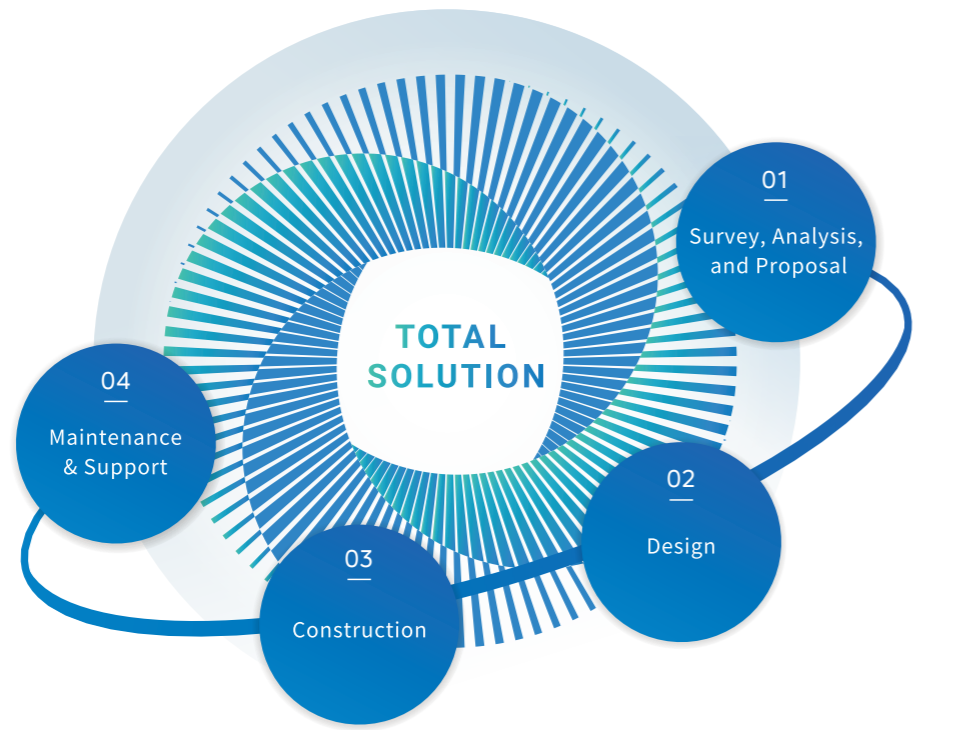
With comprehensive technical capabilities spanning survey and analysis, design, construction, and maintenance, we deliver integrated solutions that create optimal cycles for efficient and sustainable business operations.

We uphold three core values:

- Partnering closely with customers — listening, responding swiftly, and solving challenges together
- Continually advancing our technical expertise and striving to create new value
- Anticipating change and providing advanced, integrated solution services

Guided by these values, we remain committed to supporting the growth of society and industry through environmental innovation.





Issue discovery × Implementing Solutions × Regular maintenance

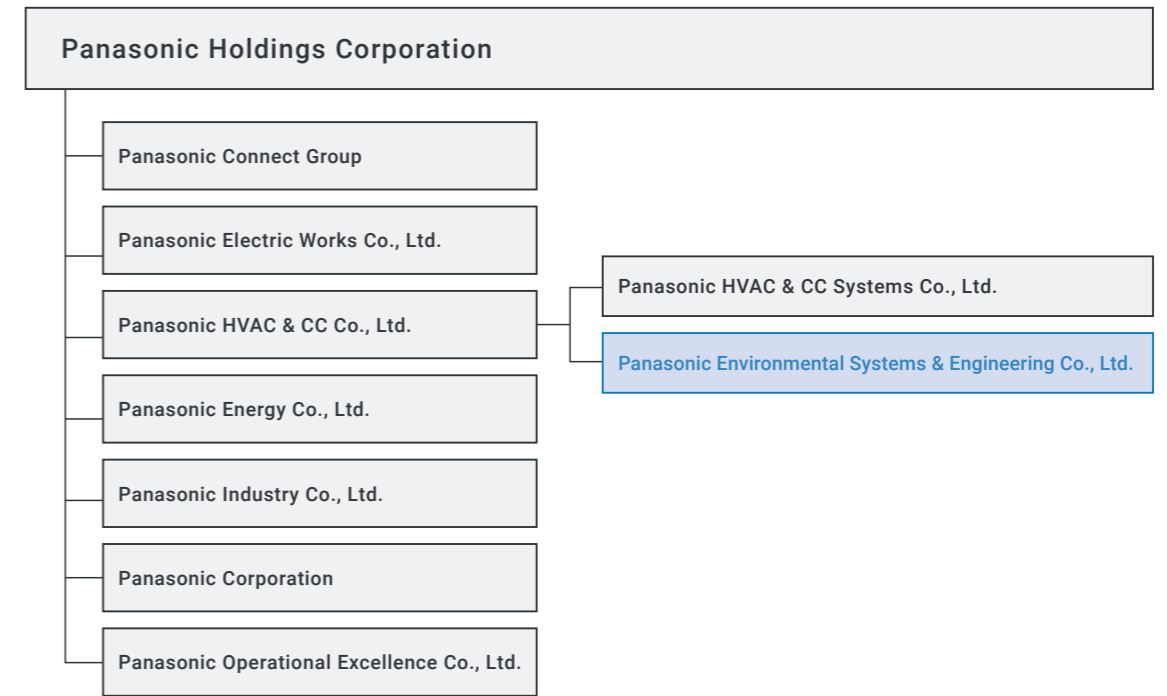
### Comprehensive One-Stop Service

Our greatest strength lies in our ability not only to supply equipment for managing environmental resources such as water and air, but also to propose optimal designs for each site based on thorough on-site surveys and a deep understanding of customer challenges. We can also handle daily operational monitoring on behalf of our customers. In addition, we offer individually tailored equipment solutions that reflect specific requirements—such as functional needs, workflow considerations, and detailed on-site conditions—to ensure the most suitable system for each application.

## Extensive experience cultivated within the Panasonic Group

As an engineering company within the Panasonic Group, we have been deeply involved in numerous group manufacturing sites, providing proposals and designs tailored to each facility’s specific production conditions and challenges. Through this hands-on involvement, we have built a strong track record in implementing a wide range of equipment solutions and delivering ongoing maintenance services. Leveraging the expertise and know-how accumulated over many years, we offer optimal solutions that align closely with our customers’ needs and address their operational challenges.

#### Our organizational structure



## HISTORY

**1976**

- Separated from and became independent of the Technical Service Department of the Blower Business Division of Matsushita Seiko Corporation
- Founded as “Ventilation Air Blowing Engineering Corporation”

**1978**

- The company name was changed to “Seiko Engineering Corporation”

**1981**

- Merged with the Air Conditioning Engineering Corporation

**1982**

- Merged with the Environmental System Engineering Corporation and Matsushita Pollution Prevention Equipment Corporation

**1984**

- Merged with the Matsushita Air Conditioning Engineering Corporation
- Established the Hokkaido Sales Office and Kyushu Sales Office

**1987**

- Merged with the Agriculture & Livestock Engineering Corporation and the Japan Greenhouse Industry Corporation
- Changed the company name to “Matsushita Seiko Engineering Corporation”

**1988**

- Merged with the Air Conditioning Equipment Materials Corporation

**1998**

- The company name was changed to Matsushita Environmental Air Conditioning Engineering Corporation

**1999**

- Transferred the agricultural business to Matsushita Seiko Engineering
- Transferred the air conditioning component business to Ayase Matsushita Seiko Corporation
- Founded Matsushita Environmental Air Conditioning Engineering Corporation

**2003**

- Established the Hokuriku Sales Office

**2007**

- Transferred the road ventilation business from Matsushita Electric Industrial
- Established the Tohoku Sales Office and Chugoku-Shikoku Sales Office

**2008**

- Change the company name to “Panasonic Environmental Systems & Engineering Co., Ltd.”

**2011**

- Transferred the agriculture and livestock business from NABEC Co., Ltd.

**2014**

- Established Shizuoka Sales Office

**2019**

- Changed branch names to Eastern Japan Branch, Central Japan Branch, and Western Japan Branch
- Established Tokyo Metropolitan Sales Office, Chubu Sales Office, and Kinki Sales Office

**2023**

- Opened the Tokyo Head Office

**2026**

- Merged with Panasonic Kanto Facility Engineering Co., Ltd.
- Celebrated the 50th anniversary of our founding

ANNIV.



2026 — Celebrating Our 50th Anniversary

Since our founding in 1976, we have continued to deliver innovative technologies and high-quality systems and services in the field of environmental engineering. In 2026, we will celebrate our 50th anniversary. Built on the technical expertise and trust we have cultivated over half a century, we remain committed to contributing to both our customers’ businesses and the global environment.



# WATER

By promoting the efficient utilization of process resources such as purified water and chemical solutions, we contribute to stable production operations and the reduction of environmental impact.

Purified water and chemical solutions are essential process resources used across a wide range of industries, including the electronics and semiconductor sectors. By providing integrated solutions—from optimizing the treatment of these resources at both the input and output stages to supporting circular-economy-based reuse—we contribute to stable production operations and the reduction of environmental impact at our customers' manufacturing sites.

## Wastewater Treatment Systems

We design and implement treatment systems tailored to various wastewater components, contributing to stable factory operations and the reduction of environmental impact.



## Heat Pump Sludge Dryer

This heat pump sludge dryer features energy-saving operation that supports both organic and inorganic sludges.



## PICK UP Electrolytic Copper Recovery System

The system electrolyzes waste liquids to simultaneously decompose hydrogen peroxide and recover copper. By efficiently extracting high-purity copper, it offers potential resale value and provides a cost advantage over conventional industrial waste treatment methods. Equipped with acid-resistant electrodes and an automatic stripping and collection mechanism, it ensures stable operation with a high recovery rate. By turning copper in waste liquids into a reusable resource, the system helps reduce environmental impact and lower operational costs.

## Pure Water and Chemical Supply Systems

We develop systems tailored to the required grade of each manufacturing process, ensuring high-quality and stable supplies of pure water and chemicals.



## Chemical Development and Solutions

We provide solutions that improve the quality of chemicals used in manufacturing processes while reducing overall costs.



# AIR

We contribute to creating spaces that are gentle on both people and the planet by suppressing and treating harmful gases.

As global expectations rise for corporate contributions to climate change mitigation and the SDGs, the reduction of exhaust gases and the maintenance of clean living and production environments have become essential initiatives. Our company offers a wide range of products for exhaust gas treatment and air purification, providing comprehensive support from equipment installation to operational management to meet the needs of each customer's site.

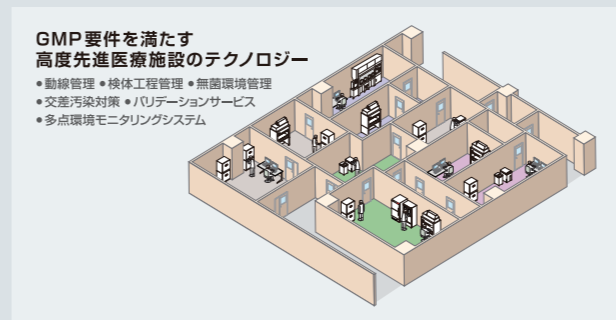
## Exhaust Gas Treatment and Resource Recycling Systems for Industrial Facilities

We provide treatment systems that properly process the wide variety of gases emitted from production processes, contributing to environmental protection.



## Cell Culture & Processing Facilities

We propose cell culture and processing facilities tailored to our customers' needs for regenerative medicine.



## PICK UP Heat Exchangers for Livestock Barns

This barn-use heat exchanger utilizes a multi-tube heat exchange element to efficiently transfer heat between cold outdoor air and exhaust air from the barn, reducing temperature drop and heat loss during ventilation. By warming incoming air through heat recovery, the system maintains comfortable indoor conditions and stable ventilation even in winter. The efficient recovery of thermal energy helps reduce heating fuel consumption (mainly LP gas), lowers CO<sub>2</sub> emissions, and stabilizes indoor temperatures, contributing to improved livestock growth performance. Its compact, modular design enables flexible installation, and the filter-less configuration ensures superior ease of maintenance.



## Tunnel Ventilation Systems

We deliver integrated solutions for maintaining clean and safe tunnel environments, offering both ventilation systems and ongoing maintenance support.



## Livestock Feeding Environment Solutions

Transforming livestock farming through air. We propose optimal housing environments using proper ventilation and airflow systems.





# SOIL

We handle everything from land acquisition to sale, including all necessary site analyses, investigations, and remediation.

Ensuring stable business operations requires confirming the safety of the soil before acquiring land. In addition, when relocating or closing a factory, it is the responsibility of the operator to restore the site to a clean condition. We provide comprehensive support—from soil and groundwater analysis and investigation to remediation and ongoing management—helping our clients protect the environment and maintain business continuity.

## Soil Investigation / Remediation Work

We provide the most appropriate investigations and remediation work tailored to how our customers plan to use their land.



## Amteclean P – Contaminated Soil Purification Unit

This remediation technology uses microorganisms to break down VOCs in soil and groundwater directly on site, reducing environmental impact.



## PICK UP “Stop Loss” scheme

The stop-loss scheme is a service that quantifies the costs required for soil investigation through remediation in advance, allowing the total cost to be fixed upfront. Normally, the cost of contamination countermeasures cannot be known until after the investigation is conducted, creating a risk that expenses may exceed initial expectations. This scheme mitigates such cost overruns by capping the upper limit and refunding the difference when the actual cost is lower, thereby reducing both the financial burden and uncertainty for users.



# ENERGY

We provide comprehensive support—from equipment installation to maintenance—to ensure the efficient supply of energy that enhances productivity and enables stable operation.

Energy, especially electricity, is vital to maintaining stable factory operations. The efficiency with which it is supplied directly affects manufacturing costs, productivity, and overall competitiveness. We provide comprehensive support through high-capacity power generation systems and energy-saving improvements to production lines, ensuring our customers can operate efficiently and reliably.

## Energy Saving

We conduct our proprietary factory assessments to identify energy consumption levels and help improve equipment efficiency.



## Next Generation Eco-Friendly Membrane Structure

By using high light transmittance membrane materials for the building envelope, we reduce lighting energy consumption. In addition, the introduction of a ventilation and fine mist control system provides effective heat shielding measures and improves the working environment through its dustproof performance.



## PICK UP Perovskite Solar Cells

This next-generation solar cell features an ultra-thin photovoltaic layer applied directly onto glass, creating an integrated, lightweight structure with high transparency and design flexibility. It can be used as a building material—such as windows or exterior walls—enabling both power generation and aesthetic appeal. Because it can be installed even in urban areas without the need for large spaces, it is expected to contribute to the expansion of renewable energy and the realization of a decarbonized society, while also enhancing the environmental performance of buildings.

## Energy Generation and Energy Storage

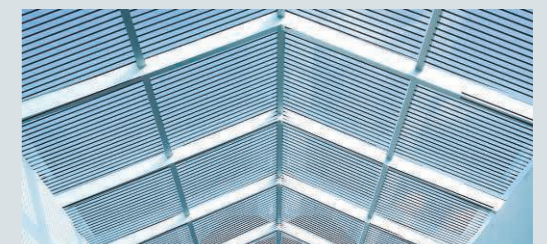
We propose the introduction of solar power systems, hydrogen fuel cells, and battery storage solutions tailored to customer needs, helping achieve carbon neutrality.



## ZEB<sup>®</sup> (Net Zero Energy Building)

We achieve both comfort and energy savings through the use of high-efficiency equipment and renewable energy.

※ZEB Ready is a Japanese building certification system.



We have established sales offices across Japan, providing a locally focused service structure tailored to each region.

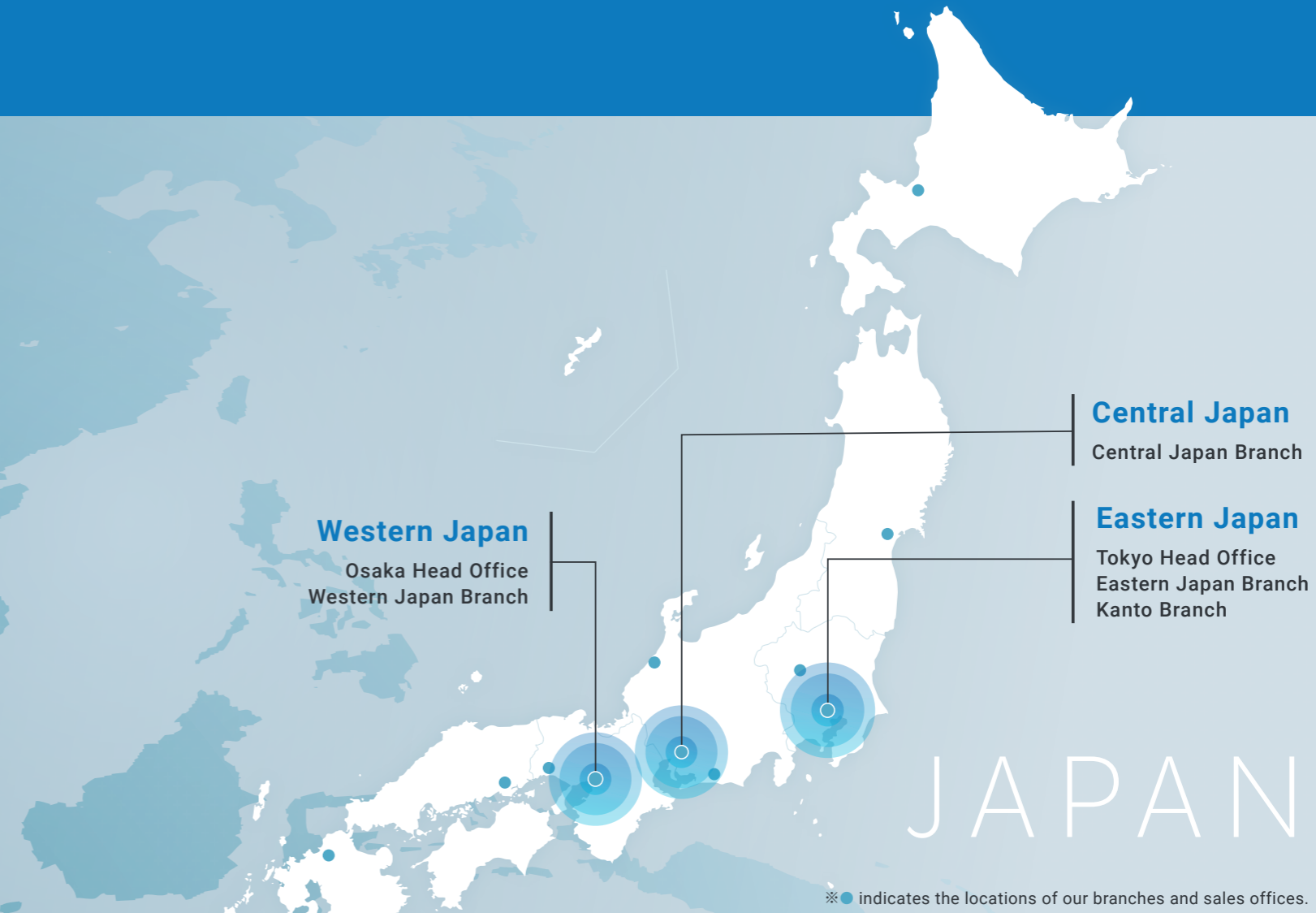
We provide prompt and attentive support anywhere in Japan, delivering optimal solutions that meet our customers' needs. In recent years, we have also expanded our activities overseas.

**Overseas offices**

- Panasonic Solutions Thailand
- Panasonic Electric Works Vietnam



The latest information on our business locations is available via the 2D code.



**Western Japan**  
Osaka Head Office  
Western Japan Branch

**Central Japan**  
Central Japan Branch

**Eastern Japan**  
Tokyo Head Office  
Eastern Japan Branch  
Kanto Branch

JAPAN

※ indicates the locations of our branches and sales offices.

PICK UP



**Esaka Laboratory (Suita City, Osaka Prefecture)**

A wide range of chemical solutions are used in the manufacturing processes of semiconductors, LCD panels, electronic components, and other products. At our in-house laboratory located in Osaka Prefecture, we develop chemical solutions that not only enhance quality but also reduce chemical consumption, promote recycling, and deliver comprehensive cost-reduction benefits. Drawing on the chemical expertise we have cultivated over many years, we develop optimal chemical solutions tailored to each customer's process, contributing to a higher-quality and more efficient manufacturing environment.



**ZEB Ready Facility\* (Maebashi City, Gunma Prefecture)**

ZEB (Net Zero Energy Building) is a building concept that aims to achieve net-zero energy consumption while maintaining a comfortable indoor environment. By integrating energy-saving technologies—such as advanced air-conditioning, ventilation, and lighting systems—with optimal equipment design, we support the realization of ZEBs that balance energy efficiency and occupant comfort. Our facility in Maebashi serves as a showroom for ZEB promotion within the Panasonic Group, welcoming many visitors and providing a dedicated space for presenting our solutions.

\*ZEB Ready is a Japanese building certification system.

OVERVIEW

<b>Company name</b>	Panasonic Environmental Systems & Engineering Co., Ltd.
<b>Established</b>	May 1976 (Showa 51)
<b>Established</b>	April 1999 (Heisei 11)
<b>Capital</b>	Three hundred million yen
<b>Head Office</b>	3-28-33 Tarumi-cho, Suita City, Osaka 564-0062 Tel: +81-6-6338-1852 (Main)

<b>Business Activities</b>	Research, analysis, planning, design, construction, project supervision, and maintenance services for the following business areas.
	Air conditioning system business
	Road Ventilation Systems Business
	Industrial Waste Treatment Equipment Business
	Water Treatment and Water Supply & Drainage System Business
	Soil and Groundwater Pollution Control Business
	Energy Management Business
	Clean system business
	Air Purification, Deodorization, and Dust Removal Business
	Agriculture and livestock-related business
	Semiconductor and Key Device-Related Plant Engineering Business
	Environmental Architecture Business

Our Environmental Initiatives

