



第13回

# 川崎国際環境技術展

*The 13<sup>th</sup> Kawasaki International Eco-Tech Fair*

## Guide Book

【Contact Information】

The 13<sup>th</sup> Kawasaki International Eco-Tech Fair  
Secretariat Office (Convention Linkage Inc.)

TEL : 03-3263-8698 FAX : 03-3263-8687

E-mail : [info@kawasaki-eco-tech.jp](mailto:info@kawasaki-eco-tech.jp)

Zhou/Kato

# 1. How to Enter the Online Exhibition

## Accessing Flow

### Kasawaki International Eco-Tech Fair Home page

Access the technology exhibition top page from the URL below  
Click the button on the online venue  
URL: <https://www.kawasaki-eco-tech.jp/english/>



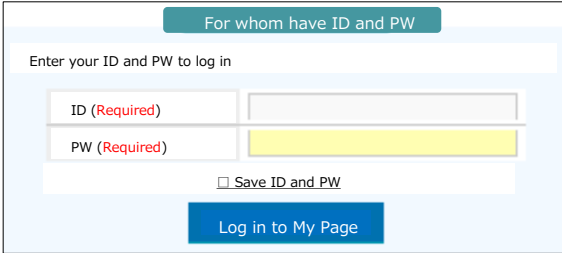
You can also access to the Online Exhibition by scanning this QR code below



Registration Page written in both Japanese and English.



Privacy Policy in English



• **For whom has ID and PW**  
Enter your ID and PW to log in

• **For whom DOES NOT HAVE ID and PW**  
Please register first to get your own login ID and PW

\* Message from the Mayer of Kawasaki City will pop up the first time when you log in to My Page.



# 2. Entrance of the Online Exhibition



## ① Exhibition Hall

View Exhibition booths



## ② Presentation Hall\*

View all presentations and seminars



## ③ Business Meeting Room\*

Business meetings are online by Zoom



## ④ Organizer Page\*

Greeting message and the business introduction of Kawasaki City.



## ⑥ Presentation List\*

To check presentation list

## ⑦ Concierge\*

If you wish to have a business talk with the exhibitor, the concierge will arrange the business talk with the exhibitor.

## ⑧ Exhibitor List

To check exhibitor List

## ⑨ Navigation\*

View Guidebook for the exhibition

## ⑤ Sponsor Logo\*

Click the logo of the sponsoring company to see an overview of the company.

\* Japanese Only

# 3. Information of the Exhibition Hall

## How to access the international exhibition booths

### ① Top Page

Click "Exhibition Hall" on the top page to move to the Exhibition Category Page.



### ② Exhibition Categories

The categories are displayed on the exhibition hall page. Click a category to move to the exhibitor list.

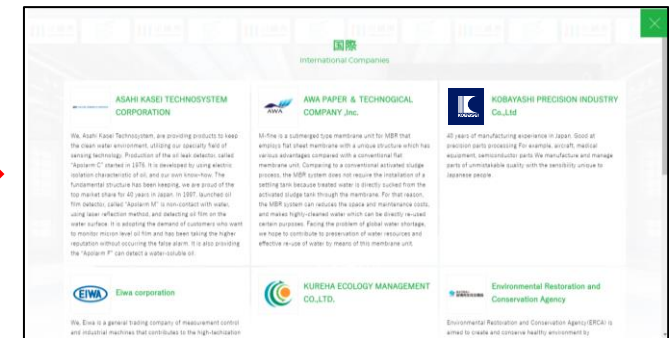


Please click here to see International Companies

※The other categories are in Japanese only

### ③ Exhibition List

The list of Exhibitors in International category and summaries of their profile and product etc. are displayed on this page. Click a company name for more information.



# 4. Information of the Exhibition Hall

## Booth View



\*Eligible only for exhibitions applied for this function

### ① Company Introduction

The exhibitor's company profile is displayed.  
Display contents: Company name, company profile, photo, and company URL

### ④ Company Introduction Video

The exhibitor's company introduction video will be displayed.

### ⑦ Homepage Link

Visit the exhibitor's homepage.

### ② Introduce of Products

Exhibitor's products are displayed.  
Display contents: Product name, product outline, product photo, and related URL, and Product video (only part of exhibitors)

### ② Introduce of Products

You can make inquiries to exhibitors, such as applying for business negotiations and asking questions about products.

### ⑧ Zoom Business Room\*

You can access the Zoom negotiation room provided by the exhibitor.  
When the exhibitor is waiting, the waiting mark will be displayed.

### ③ Catalog Corner

The catalog related to the product will be displayed.  
You can also download it.

### ⑥ Visitor Questionnaires

Visitor Questionnaires will be displayed.

### ⑨ Chat Room\*

You can communicate in real time with the exhibitor here.  
When the exhibitor is waiting, the waiting mark will be displayed.

# 5-1. List of Exhibitors in International Category with product profile page in English

alphabetical order in category

## Eco Solutions

<p>ASAHI KASEI TECHNOSYSTEM CORPORATION</p>	<p>We, Asahi Kasei Technosystem, are providing products to keep the clean water environment, utilizing our specialty field of sensing technology. Production of the oil leak detector, called "Apolarm C" started in 1976. It is developed by using electric isolation characteristic of oil, and our own know-how. The fundamental structure has been keeping, we are proud of the top market share for 40 years in Japan. In 1997, launched oil film detector, called "Apolarm M" is non-contact with water, using laser reflection method, and detecting oil film on the water surface. It is adopting the demand of customers who want to monitor micron level oil film and has been taking the higher reputation without occurring the false alarm. It is also providing the "Apolarm F" can detect a water-soluble oil.</p>
<p>AWA PAPER &amp; TECHNOLOGICAL COMPANY, Inc.</p>	<p>M-fine is a submerged type membrane unit for MBR that employs flat sheet membrane with a unique structure which has various advantages compared with a conventional flat membrane unit. Comparing to a conventional activated sludge process, the MBR system does not require the installation of a settling tank because treated water is directly sucked from the activated sludge tank through the membrane. For that reason, the MBR system can reduce the space and maintenance costs, and makes highly-cleaned water which can be directly re-used for certain purposes.</p> <p>Facing the problem of global water shortage, we hope to contribute to preservation of water resources and effective re-use of water by means of this membrane unit.</p>
<p>Eiwa corporation</p>	<p>We, Eiwa is a general trading company of measurement control and industrial machines that contributes to the high-techization of all industries. We provide solutions for customers' comfortable environment creation and all industrial machines used in a wide range of fields including production and social infrastructures, through our specialist group's long experience and closely related fieldwork to end-users.</p> <p>Product introduction for this time:</p> <ul style="list-style-type: none"> <li>(1) Dust prevention system, which captures suspended dust accurately</li> <li>(2) Deodorizing system, which contributes to regional environment</li> <li>(3) Tower light, the light source of all workplaces, disaster sites and events</li> </ul> <p>If you have any further requests or questions, please feel free to contact us.</p>

# 5-1. List of Exhibitors in International Category with product profile page in English

alphabetical order in category

## Energy

ENEOS Corporation	<p>In the “2040 ENEOS Group Long-Term Vision”, ENEOS aims to become a leading energy and materials company in Asia, create value by transforming our business structure, and contribute to the development of a low-carbon, recycling-oriented society. We are developing initiatives to provide a stable supply of energy, add high value to petroleum, expand our renewable energy business and build a CO2-free hydrogen supply chain.</p> <p>We are also focusing on developing mobility and life support services by utilizing our nationwide network of service stations. We will work together with society to build a sustainable future through the realization of our long-term vision.</p>
MIURA CO., LTD.	<p>MIURA makes the most of the experiences and technologies developed through boiler business to pursue a wide range of businesses under the mission statement, “We will contribute to creating a society that is environmentally friendly and ways of living that are clean and comfortable through our work in the field of the Energy, Water, and Environment”, aggressively exploring cutting edge fields such as fuel cells and hydrogen-fired boilers regarding the advent of the hydrogen society.</p> <p>We take on new challenges in response to the ever-rising expectations of our customers. For further leaps forward, MIURA will use the full strength to help customers with our total solutions contributing to energy conservation and environmental preservation.</p>
Nanofuel Co., Ltd. (Business Partner: Kowa Company. Ltd.)	<p>Our company has advanced technology related to the atomization of materials. Making full use of so-called nanotechnology, we have developed a system that increases combustion efficiency through the modification of liquid fuels, enabling increased fuel efficiency and substantially reducing harmful exhaust gases. This nanotechnology for modifying fuels can be adopted to various types of liquid fuels. We are currently focusing on providing Nano Emulsion Fuel systems in India where the demand for liquid fuel is high, and producing Nano Glycerin Fuel in Indonesia. Together with our business partner Kowa Company. Ltd., we will continuously contribute to society through our environmental technology, to respond to the various needs of the market.</p>
SHINWA CORPORATION	<p>SHINWA CORPORATION is the Japanese leading company which brought the basic idea of Air Conditioning to Japan. We provide our products and services to our clients, with the technologies and production resources acquired in the long history of business. Plant Engineering Products &amp; Systems Department mainly deal with air inlet filtration system for facilities such as Power Plant, Oil &amp; Gas Plant and Chemical Plant, which operate Turbomachinery equipment (Gas Turbine / Compressor). We can supply not only air filtration unit, but also the entire air filter house, inlet / outlet duct, silencer, air cooling system and so on. As the solution provider of the total air treatment system for plants, our products and services have got high evaluation from many users of Japan and also overseas.</p>



# 5-1. List of Exhibitors in International Category with product profile page in English

alphabetical order in category

## Contributing to Sustainable Societies

<p>CHIYODA Corporation</p>	<p>Since its establishment in 1948, Chiyoda Corporation has contributed to the development of a sustainable society as an integrated engineering company, by expanding its business in pursuit of harmony between energy and the environment. We aim to become a new leading company which creates the future of global environment with the technological capabilities we have cultivated over the years. We have developed the SPERA Hydrogen system, which safely stores and transports hydrogen produced from various natural resources, using our proprietary technology. We are committed to realize the building of a hydrogen supply chain that will answer the needs of the times and will serve as a foundation for a decarbonized society.</p>
<p>KUREHA ECOLOGY MANAGEMENT CO., LTD.</p>	<p>Kureha Ecology Management Co., Ltd. strives to protect the global environment through the collection, transportation and intermediate treatment of industrial waste, as well as the provision of comprehensive engineering services for environmental-related equipment.</p> <p>&lt; Features of Kureha Ecology Management's Wastech Kanagawa incineration facility &gt;</p> <ul style="list-style-type: none"> <li>• Proper treatment of persistent PFOS and medical waste</li> <li>• Power generation using waste heat generated through waste incineration *Certified as a Low CO2 Kawasaki Brand in 2018</li> <li>• Primarily handle transshipment and storage of low-concentration PCB waste and infectious waste at the Kawasaki Distribution Center, which is also located at the facility.</li> </ul> <p>Kureha Ecology Management plays a role in the creation of a recycling-oriented society as a venous industry in the manufacturing city of Kawasaki through the proper treatment of diversified waste and effective utilization of energy.</p>
<p>M-TEchX Inc.</p>	<p>M-TEchX Inc. succeeded in mass production of nanofiber for the first time in the world with leading nanotechnology.</p> <p>Japan International Emergency Assistance agency (JICA) recognized and contributed to the recovery of oil, including the oil spill tanker accident off the coast of Mauritius and the oil spill caused by the recorded heavy rain disaster in Omachi town, Saga prefecture.</p> <p>Magic fibers made from nanized fibers with special structures have "heat insulation, water repellency, heat insulation, sound absorption, and filtration" and greatly improve their all functionality.</p> <p>It is a dream super material that is "unparalleled in the whole world"</p>



# 5-1. List of Exhibitors in International Category with product profile page in English

## Technologies for the New Normal Manufacturing, AI and IoT Technologies

KOBAYASHI PRECISION INDUSTRY Co., Ltd.	40 years of manufacturing experience in Japan. Good at precision parts processing For example, aircraft, medical equipment, semiconductor parts. We manufacture and manage parts of unmistakable quality with the sensibility unique to Japanese people.
-------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

## Support Organizations and Industrial/Academic/Government Collaboration

Environmental Restoration and Conservation Agency	Environmental Restoration and Conservation Agency(ERCA) is aimed to create and conserve healthy environment by implementation of various activities such as  (1) Compensation for and prevention of health damage caused by public pollution (2) Support of activities related to environmental conservation by private organizations (Japan Fund for Global Environment) (3) The assistance and facilitation of PCB waste disposal (4) Management and administration of the fund for final waste disposal sites (5) Supply of the Asbestos-related Health Damage Relief benefits (6) Environmental Research and Technology Development Fund  For more details, please check our website. <a href="https://www.erca.go.jp/erca/english/pdf/pamphlet_en.pdf">https://www.erca.go.jp/erca/english/pdf/pamphlet_en.pdf</a>
------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

## 5-2. List of Exhibitors in International Category with some English contents

alphabetical order in category

### Resource and Recycling Technologies

J&T RECYCLING CORPORATION	By combining the JFE Group's advanced recycling and energy recovery technologies from waste and the JERA Group's top-level know-how on managing power plants, J&T Recycling Corporation continues to offer solutions that are always ahead of the changing times and provide services with the highest degree of safety and security.
MIKUNIYA Corporation	Mishimax is a system to reduce the volume of kitchen waste and other organic waste by 90% or more over a 24-hour period. The system is able to achieve this high reduction rate through high-temperature aerobic fermentation and biodegradation using microorganisms, making it ideal for cutting costs for waste treatment. Mishimax is also effective in reducing CO2 emissions and improving recycling rates, as it significantly reduces opportunities for transportation and incineration. In 2017, Mishimax was certified as a "Low CO2 KAWASAKI BRAND" and recognized by the United Nations Industrial Development Organization (UNIDO) in 2018 as a "STePP" (Sustainable Technology Promotion Platform). Mikuniya will continue to promote our technologies in both Japan and overseas in the future.
Sun Earth Co., Ltd.	Sun Earth Co., Ltd. provides machines and equipment for recycling, waste treatment, forestry and related industries. The equipment is developed and manufactured in Europe - mainly in Germany, a country well known for its long history of mechanical engineering and advanced technologies.

## 5-2. List of Exhibitors in International Category with some English contents

alphabetical order in category

### Eco Solutions

COMOTEC CORPORATION	Cassette type DPF "MoCobee CT" is the retrofit device for black smoke removal (DPF) attached on diesel engine easily to remove 99.9% of black smoke regardless of use condition and engine type. This DPF consists of body and filter regeneration device with electric heater. The filter made of ceramic is has simple construction and is free from clogging. Then, "MoCobee CT" is able to recycle semipermanently by detaching from scrapped vehicle, versatile to use on various conditions (high-sulfur light oil, extreme mount of black smoke exhaust, traffic jam, etc.) able to be installed on various machineries (vehicle, construction machine, generator, railway vehicle, etc.)
Japan Thread Co., Ltd.	Nippon Thread proposes filtration systems to protect waterworks from cryptosporidium and provides safe and secure water sources at lower prices than membrane filtration. We have delivered products to eight locations nationwide. Suminax, an unlimited flocculant, was featured in "Made in Japan" on TBS. Contact us if your company has any wastewater purification concerns.
Nippon Basic Co., Ltd.	Established :May17,2005, Capital:10million yen, Managing Director: Yuichi Katsuura 【Products】 Bicycle-mounted emergency water purifiers, emergency hand-operated water purifiers in cases and seawater desalination equipment (engine-powered and electric-powered etc.)
Union Co., Ltd.	The trend of the times is moving in the direction of removing plastic due to environmental problems, pra wastes problems, SDGs, etc. in view of this situation.  We have received many inquiries and achievements from companies in each field as our biomass materials and products are specialized for them.  The main material is 52% of the naturally derived substance (anti-bacterial material containing bamboo powder) developed independently, and the remaining 48% is the conventional PP resin material.  We are promoting manufacturing that is kind to people and the earth. We manufacture products that match the background of the times these days.

## 5-2. List of Exhibitors in International Category with some English contents

alphabetical order in category

### Energy

AURA Green Energy Co., Ltd.	<p>Our goal is to contribute to the realization of a resource-recycling business model that utilizes renewable energy from Aomori and the creation of a sustainable society. Currently, it has been adopted by the Ministry of the Environment's bilateral credit system (JCM) for the 12 MW biomass power generation project in Indonesia and the 2 MW small hydropower project in East Nusa Tenggara.</p> <p>It was adopted as an intercity cooperation project consignment business with Kawasaki City in the 2nd year of the Ordinance of the Ministry of the Environment. We are also expanding our business mainly in Asia, such as the Biomass / Solar Hybrid Power Generation Project in Cambodia.</p>
Isuzu.co.ltd.	<p>Isuzu was founded in Nakahara-ku in Kawasaki City about a half century ago. About 30 years ago, we encountered solar power and have mainly been engaged in the construction of solar power facilities for residences and industries (mega solar, self-consumption), construction of detached housing, remodeling, and other residential businesses.</p> <p>As one of our newest projects, we are working with Kawasaki City to promote "off-grid trailer houses" (see image), jointly planned with the Kawasaki New Energy Promotion Association, and "off-grid houses" that aim to be self-sufficient and not rely on city power lines, as well as a "Regional Micro-grid Project" that will make it possible to supply electricity in the event of a disaster.</p>



## 5-2. List of Exhibitors in International Category with some English contents

alphabetical order in category

### Contributing to Sustainable Societies

<p>City-to-City Collaboration Project between Riau Province Region and Kawasaki City</p>	<p>City-to-City Collaboration Project between Riau Province Region and Kawasaki City started in 2019 as adopted by the Ministry of the Environment Japan. In this Project, Kawasaki City and Nippon Koei have been implementing supporting activities to promote development of circular economy for oil palm industry and 2050 Zero Carbon City in Rokan Hulu Regency and Pekanbaru City, in Riau Province, Indonesia. If you have an interest in business development in Riau Province Region and participation in this Project, please visit our booth.</p>
<p>Low CO2 KAWASAKI BRAND PROMOTION COUNCIL</p>	<p>The Low CO2 Kawasaki Brand Promotion Council, which consists of Kawasaki City and industrial support groups, has been promoting the “Low CO2 Kawasaki Brand”, a certification program for products and technologies that contribute to the reduction of greenhouse gas emissions through the superior environmental technologies in the city, and the “Kawasaki Mechanism Certification System”, which certifies the amount of greenhouse gas emissions reduced. These programs aim to reduce greenhouse gas emissions on a global scale through the widespread dissemination of certifications and certified products. At this booth, we will introduce products that have been certified as Low CO2 Kawasaki Brands in fiscal 2020.</p>
<p>RIKAZAI CO., LTD.</p>	<p>Our strength is making thin foil. So much that there is a saying in the industry: ‘RIKAZAI is the go-to for thin foil’. The appeal of RIKAZAI Co., Ltd.</p> <ul style="list-style-type: none"> <li>The capacity to make good proposals</li> <li>Development capability</li> <li>Technical strength</li> <li>Response capability</li> <li>Variety of precision secondary working</li> <li>Cooperation with specialist processing companies</li> </ul> <p>The beautiful high-quality metal foils processed by RIKAZAI are used in a wide range of fields, from next-generation vehicles to energy research, medical devices, consumer products, precision instruments, oceanography and space research.</p>

## 5-2. List of Exhibitors in International Category with some English contents

alphabetical order in category

### Support Organizations and Industrial/Academic/Government Collaboration

Hong Kong Trade Development Council	Hong Kong Trade Development Council (HKTDC) is a statutory body established in 1966 to promote, assist and develop Hong Kong as a two-way global investment and business hub. HKTDC organises international exhibitions, conferences and business missions to create business opportunities for companies, particularly small and medium-sized enterprises (SMEs), in the mainland and international markets. Our technology-related trade fairs include Eco Expo Asia, Hong Kong Electronics Fairs and Hong Kong Lighting Fairs etc, with increasing participation from startups and venture companies. If you are interested in expanding your business opportunities and gather market intelligence via Hong Kong, please feel free to contact us!
Kawasaki Water Business Network	For the enhancement of the global water environment through water business, a platform “Kawasaki Water Business Network” (KaWaBiz NET) was established in Aug. 2012 between private enterprises which have water-related technologies / products, and the City of Kawasaki which has technologies and expertise of water / sewerage management, in cooperation with relevant ministries and organizations. KaWaBiz NET consists of 84 members and 13 cooperators at present and is engaged in the activities with members to enhance water environment through successful water business mainly in Asian region where City of Kawasaki has relationship.
Waterworks Bureau, City of Kawasaki	The Waterworks Bureau of Kawasaki City is promoting eco-friendly business operations. In addition to supplying tap water and industrial water to households and businesses in the city, the Waterworks Bureau also treats discharged sewage for release into the sea and rivers. However, a great deal of electricity is consumed in the treatment and disposal process and greenhouse gases and waste are also generated. For this reason, the Waterworks Bureau aims to create a good water environment while also contributing to the conservation of the global environment through the introduction of energy-saving equipment and the effective use of renewable energy and resources.

## 5-2. List of Exhibitors in International Category with some English contents

alphabetical order in category

From Kawasaki!  
Manufacturing and ICT State-of-the-art model:  
The 17th Kawasaki Monodukuri Brand

Astellatech, Inc.	Astellatech's fine glass cutter, ULTILE, is used by research institutions. With two patents, it is the only glass cutter in the world that can adjust the height and pressure of a substrate at the same time. There are eight types of replaceable blades available. ULTILE can be used for experiments not only for glass but also for a wide range of materials, such as sapphire substrates and silicon wafers.
CREATIVE TECHNOLOGY CORPORATION	Please check out "ataraina", our brand of consumer products that use the original in-house technology of a manufacturer of semiconductor manufacturing equipment and parts.
SONOTEC Co., Ltd.	Our company has researched and developed processing tools using ultrasound since its establishment. Ultrasonic cutter vibrates its blade 20,000 - 40,000 times per second (20 - 40 kHz). Because of this movement, the ultrasonic cutter can easily cut resin, rubber, nonwoven fabric and composite materials. Besides being excellent in maintainability, our products are environment-friendly as they do not substantially discharge any crumbs, waste water, noise, or smoke.