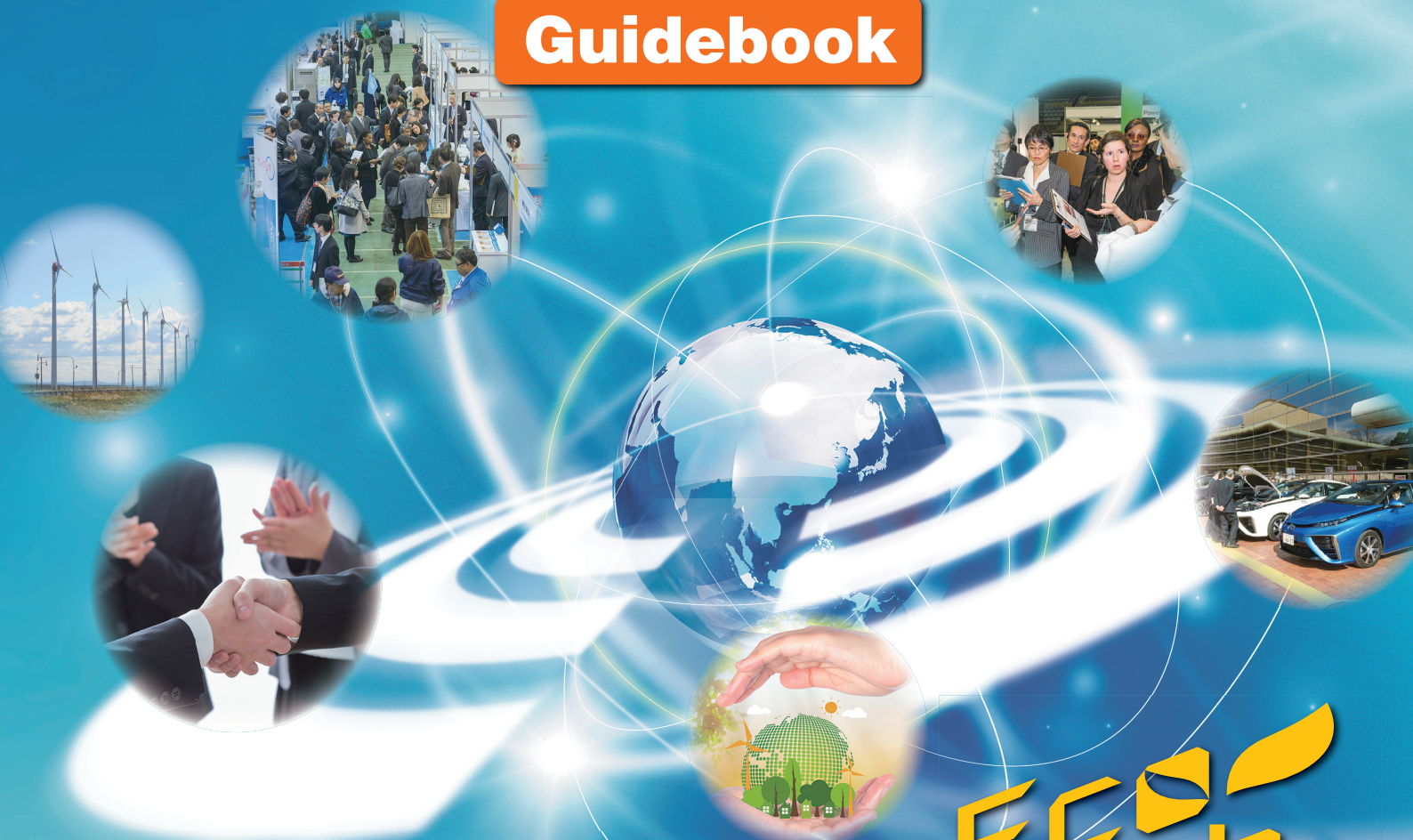


# Kawasaki International Eco-Tech Fair 2017

Green innovation from kawasaki

One step further and further

**Guidebook**



February 16 **Thursday**,  
17 **Friday**, 2017

Todoroki Arena [10:00 am - 5:00 pm]  
1-3 Todoroki, Nakahara-ku,  
Kawasaki-city, Kanagawa

Simultaneously held with the 13th Asia-Pacific Eco-Business Forum

**Eco  
Tech  
Fair 2017  
Kawasaki**

**Free  
Admission**

## Organizer/Kawasaki International Eco-Tech Fair Organizing Committee

**[Committee Members]** Kawasaki City; Kawasaki City Board of Education; Ministry of Foreign Affairs; Ministry of Education, Culture, Sports, Science and Technology; Ministry of Economy, Trade, and Industry; Ministry of the Environment; New Energy and Industrial Technology Development Organization (NEDO); Japan External Trade Organization (JETRO); National Institute of Advanced Industrial Science and Technology (AIST); Japan International Cooperation Agency (JICA); Organization for Small & Medium Enterprises and Regional Innovation, JAPAN (SME Support, Japan); Environmental Restoration and Conservation Agency (ERCA); National Institute for Environmental Studies (NIES); Keio University; Meiji University; Senshu University; Environmental Welfare Association; United Nations Industrial Development Organization (UNIDO); Hong Kong Trade Development Council (HKTDCC); Kanagawa Prefecture Government; Institute for Sustainable Energy Policies (ISEP); Liaison Center for Creation of Industry & Environment (LCIE); Initiative for Development of Entrepreneurship in Asia (IDEA); Foreign Press Center Japan (FPCJ); Japan Environmental Sanitation Center (JESCO); Kawasaki Coastal Zone Renewal Liaison Promotion Council; Kawasaki Center for Climate Change Actions; The Kawasaki Chamber of Commerce and Industry; Kawasaki Industrial Organization Union Meeting; Kawasaki Industrial Promotion Club; Institute of Industrial Promotion Kawasaki

**[Supported by]** Embassy of the People's Republic of Bangladesh in Japan; Royal Embassy of Cambodia in Japan; Embassy of the People's Republic of China in Japan; Royal Danish Embassy in Japan; Embassy of the Republic of Indonesia in Japan; Embassy of the Republic of Korea in Japan; Embassy of the Lao People's Democratic Republic in Japan; Embassy of Malaysia in Japan; Embassy of the Union of Myanmar in Japan; Embassy of the Sultanate of Oman in Japan; Royal Thai Embassy in Japan; Embassy of the Socialist Republic of Viet Nam in Japan; The American State Offices Association (ASOA) in Japan; Queensland Government Tokyo Japan Office; Asean-Japan Centre; Nikkei Inc.; The Kanagawa Shimbin; tvk; Kyodo News

**[Sponsored by]** Tonen General Sekiyu K. K.; NEC Corporation; The Kawasaki Chamber of Commerce and Industry; Fujitsu Ltd.; Mitsubishi Fuso Truck and Bus Corporation.; Kawasaki Shinkin Bank; Toyorozai Co., Ltd.; Canon Inc.; Ajinomoto Co., Inc.; Tokyo Gas Co., Ltd.; Keiri Bank; JX Nippon Oil & Energy Corporation; JFE Group; The Bank of Yokohama, Ltd.; F&K Foods Co., Ltd.; Kawasaki Azalea; Air China Ltd.; Kureha Ecology Management Co., Ltd.

**[Assisted by]** Kawasaki International Association (Kian); Kawasaki International Business Exchange Promotion Council; International Christian University

# あした 考えぬく。明日を動かす。

日本のエネルギーを支えてきた誇りを胸に。喜びに満ちた未来のために、  
どこへ向かい、何をすべきか。私たちは、独自のソリューション力を結集して  
考えぬき、私たちにしか出せないこたえを提供していきます。  
熱い想いを、エネルギーとして。さあ、明日を動かそう。東燃ゼネラルグループです。

考えぬく。明日を動かす。



東燃ゼネラルグループ

東燃ゼネラル石油株式会社 / 東京都港区港南1-8-15 tel:03-5495-6000 (代表) www.tonengeneral.co.jp

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JVL承認NECW-2016-001



原江里菜(ゴルフ)  
(NEC所属)



水戸室内管弦楽団  
(NEC協賛)



瀬川晶司五段(将棋)  
(NEC所属)



## 挑み続ける人を応援します。

1000分の1秒にすべてをかける人がいます。  
風を読み、先を読み、あるいは、一瞬の動きに五感を集中させ、  
より高みを目指して、信じる道を突き進む人もいます。  
そのフィールドは違っても、それぞれの世界で挑戦し続ける人たちは、  
私たちNECは応援していきます。  
挑む先に、未来はつくられるのだから。



「Esso」「Mobil」は、エクソン モービル コーポレーションの登録商標です。ライセンス契約に基づいて使用しております。



President, Kawasaki International Eco-Tech Fair Organizing Committee  
**Norihiko Fukuda** Mayor of Kawasaki City

Throughout the world, special attention has recently been paid to discussions and actions for tackling global warming and other environmental and energy-related issues. In Japan, efforts to advance innovative measures and technological development are being demanded, under the circumstances that the Ministry of Economy, Trade, and Industry, Ministry of the Environment and Cabinet Office have been formulating new strategies in energy and environmental innovation.

The Kawasaki coastal area, located at the center of the Keihin Industrial Zone, played a crucial role in driving the Japanese economy during the high-growth period (1960s and 1970s); on the other hand, heavy industries in the area triggered a surge in air pollution, water contamination and other forms of pollution on a massive scale. As a result of persistent cooperative actions by private companies, citizens and Kawasaki City to improve the environment, however, the city's rivers as well as the sea and sky became cleaner again. The private companies made vast investment and pursued technological development for better environment, while the citizens heightened awareness about importance of the green environment and launched awareness-raising campaigns. Moreover, Kawasaki City signed agreements with the private companies on the prevention of air pollution, enacted pollution control ordinances, and took other measures. These efforts have helped the city accumulate an enormous amount of world-class environmental technologies and know-how, making it an environmentally-advanced city where the environment and economy prosper in harmony.

The Kawasaki International Eco-Tech Fair has provided information on environmentally excellent technologies and know-how from "here in Kawasaki" to Japan and other countries. For visitors and exhibitors, the Fair has also functioned as a forum for presenting the paths toward market/sales channel exploration and networking with new partners, as it seeks to promote industrial revitalization and innovation in the environmental field.

The "Kawasaki International Eco-Tech Fair 2017," which is the ninth fair that features a renewed concept, "Green innovation from Kawasaki - One step further and further," will provide an opportunity to transmit environmental technology that opens the door to a new future from Kawasaki to all parts of the world.

At this Fair, which is held on the theme of "Eco-business will create a better future for resources and energy" an exhibition area is set up inside the venue in collaboration with exhibitors to present the exhibitors' products and technologies as well as programs undertaken by Kawasaki City.

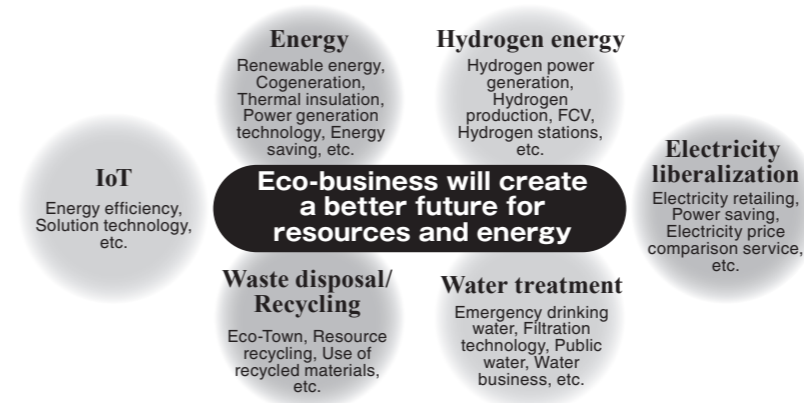
As for Business Matching Programs, numerous seminars for business development will be held with the cooperation of related organizations and specialists. Moreover, at the entrance of the venue, "Kawasaki Eco Business Board," an information board, displays real-time messages by the exhibitors and the organizers. In addition, business discussion space and interpreters are available at the venue, as in last year.

It is our hope that you will take advantage of business opportunities offered at this fair and actually experience" Kawasaki as a powerful industry city" where environmental innovation originates.

The "Kawasaki International Eco-Tech Fair" provides information on environmentally excellent technologies and know-how from Kawasaki to people in Japan and other countries, and offers a forum for business matching among exhibiting companies/ organizations and businesses in and out of Japan.

## Theme of "Kawasaki International Eco-Tech Fair 2017"

### Eco-business will create a better future for resources and energy



The Kawasaki International Eco-Tech Fair serves as a theme-based exhibition area for effective transmission of innovative initiatives that capture the current trends.

The venue is designed so that the theme-based exhibition area occupies the entire main space, with six categories related to "Eco-business will create a better future for resources and energy" laid out inside the venue. The aim of the design is to effectively present information on the latest products and technologies by exhibitors.

### The Fair helps support your business matching.

**New plan** **Kawasaki Eco Business Board**  
 The bulletin board presents information on seminars and events of the day, and products and technologies that exhibiting companies and organizations would like to call attention to.

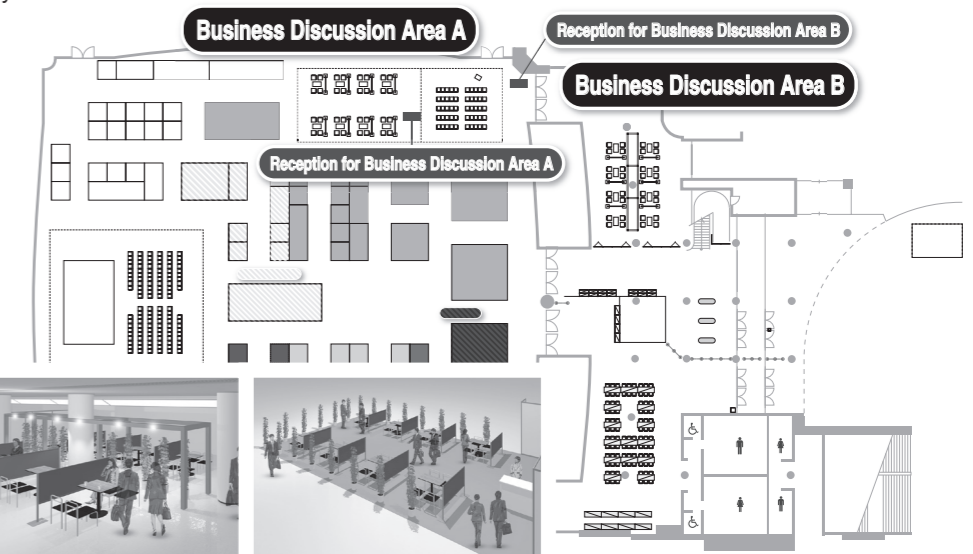


The board is installed near the entrance. Take advantage of the board for your business matching by effectively gathering real-time comments and information by exhibitors.

### Business Discussion Area

Business discussion space, designed with privacy considerations, is installed at two locations inside the venue. In English and Chinese interpreters are available for international business discussions. Those who wish to use the space are requested to come to the reception for each space (reservation required/reservation on the day accepted).

- Service hours**
- [ Business Discussion Area A ]**
    - February 16 (Thurs.) 11:00 - 12:30 (reservation accepted until 12:00)
    - February 17 (Fri.) 10:00 - 13:00 (reservation accepted until 12:30)
  - [ Business Discussion Area B ]**
    - February 16 (Thurs.) 11:00 - 17:00 (reservation accepted until 16:30 pm)
    - February 17 (Fri.) 10:00 - 16:00 (reservation accepted until 15:30 pm)



## February 16 (Thu)

### Center Stage

10:00–10:30

#### Opening ceremony

10:35–10:50

#### Presentation by Mayor of Kawasaki City

“Green Innovation from Kawasaki”

**Norihiko Fukuda** Mayor of Kawasaki City



Norihiko Fukuda



Mr. Shiro Wakui



Ms. Mayumi Matsumoto



Mr. Hiroyuki Kojima

11:00–13:30

#### Green Innovation Seminar in Kawasaki

[Keynote Lecture] 11:00–11:50

“Toward the Age of Environmental Revolution: Considering New Business Models”

Mr. **Shiro Wakui**

(Distinguished Professor, Faculty of Environmental Studies, Tokyo City University; Landscape Architect)

[Special Lecture 1] 11:50–12:40

“Trends in New Energy Business”

Ms. **Mayumi Matsumoto**

(Visiting Associate Professor, College of Arts and Sciences, The University of Tokyo)

[Special Lecture 2] 12:40–13:30

“Contributions of Cutting-Edge Bioscience and Fine Chemical Technologies to Food Resources and Environment”

Mr. **Hiroyuki Kojima**

(Corporate Vice President, Deputy General Manager of AminoScience Division, General Manager of Research Institute for Bioscience Products & Fine Chemicals, Ajinomoto Co., Inc.)

13:40–13:55

#### Presentation by the Winner of the Highest Award at the Nikkei Global Environmental Technology Awards

Chiyoda Corporation

14:10–15:10

#### Low CO<sub>2</sub> KAWASAKI Brand Certification Results Announcement

Certification Results Announcement Ceremony

Mr. **Yoshihiro Adachi** (Professor, Tokyo University of Technology / Chairman, Low CO<sub>2</sub> KAWASAKI BRAND PROMOTION COUNCIL)



Mr. Yoshihiro Adachi

**Norihiko Fukuda** Mayor of Kawasaki City  
Certified Businesses

Review and presentation by grand award winning businesses

15:15–15:35

#### Special lecture

“Prospects for Resource and Energy Business in the Kingdom of Thailand”

Multi-Corporate Business Sector Head / Corporate Business, KASIKORN BANK

Mr. **Glaewgla Tangtisanon**

15:35–16:55

#### Business Presentations by Exhibitors

15:35–16:15

“Changes and Future Trends in the Basic Plan for PCB Waste Treatment”

Kureha Ecology Management Co., Ltd.

**Yo Osada** (Director, Technical Department, Japan Industrial Waste Management Foundation)

16:15–16:35

“Potential Use of Converted Unused Thermal Energy”

**Toshimitsu Ono** (Representative Director, Japan Sustainable Free Powered Energy System Exploit & Promotion Association (JASFA))

16:35–16:55

“Purification System for Lake and Inland Aquaculture Water Using the Centrifugal Stirring Device, C-Mix”

Eddyplus Co., Ltd. Mr. **Yoshifumi Ito**

### Seminar Space A

11:30–12:30

#### Market Development Seminar

11:30–12:00

“JICA’s Assistance for Overseas Business Development of Small and Medium Enterprises with a Focus on Environment, Resource, and Energy Projects”  
Japan International Cooperation Agency (JICA) Yokohama International Center

Ms. **Megumi Hirose** (Assistant Director)

12:00–12:30

“Introduction of Consortium for New Export Nation and Example of Overseas Business Development Assisted by JETRO”

Japan External Trade Organization (JETRO) Yokohama Trade Information Center

Mr. **Tatsuya Furujo** (Chief)

13:00–16:00

#### Environmental Business Alliance Matching Seminar in Kawasaki

Organizers: Kanto Bureau of Economy, Trade and Industry of the Ministry of Economy, Trade and Industry / Japan Environmental Management Association for Industry

13:10–13:25

“Operations for ‘Local Production/Consumption of Water’”

Y’s Global Vision Co. Ltd. Mr. **Yoshifumi Yanase** (President)

13:25–13:40

“Methods to Extend the Life of Iron and Concrete”

SOMAY-Q Technology Corporation Mr. **Yohei Watanabe** (M.R&D Manager)

13:45–14:00

“Presentation of Resistance Lowering Technology for Energy and Cost Reduction in Water Circulation Air Conditioning and Cold/Hot Water Systems and Recruitment of Partners”

Shunan Mizusyori Co., Ltd. Mr. **Yasuhiko Terada**

14:00–14:15

“Marvel wood (wood with eco-friendly treatment for high durability and storage made from domestic wood)”

Marvel Corporation Mr. **Seisuke Ozawa** (President)

14:20–14:35

“Overview and Application Example of ‘Geothermal Heat Ventilation System,’ a Winner of the Minister of the Environment Award”

Geo Power System Co., Ltd. Mr. **Shinsei Hashimoto** (CEO)

14:35–14:50

“Super-Sol, multi-purpose material made from glass”

Trim Co., Ltd. Mr. **Tsuyoshi Tamanaha** (Director and General Manager)

14:55–15:10

“Eco-Friendly Earth Pavement”

Environment technology lab Inc. Mr. **Yoshikazu Fuji** (Representative Director and President)

15:10–15:25

“Presentation of ‘Sky Eco-Light,’ a recycled energy, hybrid street lamp, and response to needs for photovoltaic device maintenance that have been expanding rapidly under the Act on Special Measures Concerning Procurement of Electricity from Renewable Energy Sources by Electricity Utilities”

Tamagawa Kyushu Co., Ltd. Mr. **Yasuyuki Tanaka**

15:30–15:45

“Propositions on the Optimum Maintenance and Management of Photovoltaic Power Plants”

Pvams Mr. **Takahiro Munesada** (Representative Director)

### Seminar Space B

11:00–12:00

#### Business Presentations by Overseas Organizations

Hong Kong Trade Development Council

Qingdao Overseas Investment Service Center, China

Daegu-Gyeongbuk Free Economic Zone Authority

13:00–15:55

#### Seminar on Eco-business will create a better future for resources and energy

13:00–13:40

“IoT Solutions to Accelerate Business Innovation: Case Studies in Environmental Sector and Various Industries”

Mr. **Takaaki Suga**  
(Head of Office, IoT Business Division, Network Service Business Unit, Fujitsu Limited)



Mr. Takaaki Suga

13:45–14:25

“Digitalization to Enable Smart Use of Energy”

Mr. **Takashi Yatabe**  
(Producer, Engineering Management Office, Engineering & Environment Strategy Unit, Tokyo Electric Power Company Holdings, Incorporated)



Mr. Takashi Yatabe

14:30–15:10

“Current State of Issues Concerning Soil Environment and Shimizu’s Commitment”

Mr. **Wataru Aizawa**  
(General Manager, Research Planning Department, Soil Remediation Division, Engineering Headquarters, Shimizu Corporation)



Mr. Akiyoshi Yamazaki

15:15–15:55

“Introduction of Hydrogen Generator and Its Application to Hydrogen Station”

Mr. **Akiyoshi Yamazaki**  
(Manager, Hydrogen Station Business Department, Mitsubishi Kakoki Kaisha, Ltd.)

## Event information

### Intellectual Property Seminar in Kawasaki

The seminar discusses issues involving small and medium-sized enterprises that plan to launch operations overseas including potential troubles related to overseas operations, planning of intellectual property strategy and subsidy system for obtaining rights outside Japan.

#### February 16 (Thurs.) 13:00 - 16:30

[Organizer] Kanto Branch of Japan Patent Attorneys Association

[Supported by] Kanagawa Prefecture, Kawasaki City, Institute of Industry Promotion-Kawasaki, Japan External Trade Organization

[Sponsored by] Japan Institute of Invention and Innovation

[Venue] Seminar Space C (Sub-Arena Gym 2)

13:00–14:00

#### (1) Key Points for Success in International Business Operations

- Based on Current Intellectual Property Conditions

**Takamura Daisuke**, Section Chief of Intellectual Property Department, Tokyo Head Office, Japan External Trade Organization

14:10–15:30

#### (2) [Panel Discussion] International Intellectual Property Strategy for Small and Medium Enterprises - Based on Virtual Examples

Coordinator: Mr. **Shigeru Kinoshita** (Patent attorney)

Panelists: Mr. **Junichi Izumi** (Patent attorney), Mr. **Makoto Matsushita** (Patent attorney), Ms. **Chizuko Takahara** (Patent attorney)

15:40–16:30

#### (3) Subsidy System for Acquiring International Intellectual Property

- Key Points for Application

Mr. **Shoji Suzuki** (Manager, New Industry Promotion Section, Institute of Industry Promotion-Kawasaki)

### 13th Asia-Pacific Eco-Business Forum

“Toward Harmonious Co-existence of City and Industry”  
- Message from Kawasaki: Collaboration with Cities in Asia for Post-Carbon and Resource Recycling Future

**Concurrent events February 16 (Thurs.) 11:00 - 17:15**

[Organizer] Environmental Protection Bureau of Kawasaki City

[Co-Organizers] International Environmental Technology Centre, United Nations Environment Programme, National Institute of Environmental Studies

[Venue] Sub-arena Training Room 1 & 2

Since the Paris Agreement came into force, cities around the world have been tasked with an even greater role in the global commitments to reduce greenhouse gas emissions. This event will be held together with the Kawasaki International Eco-Tech Fair 2017 to promote the exchange of information on excellent environmental technologies in Kawasaki City and measures to deal with environmental issues in and out of Japan and to foster good relationship among participating cities.

### Business Exchange Meeting (Name Card Exchange Meeting)

#### February 16 (Thurs.) 17:20 - 18:30

[Venue] In front of the Center Stage

[Registration fee] 1,000 yen per person

Advanced registration required

Business Exchange Meetings will be held as a forum for information exchange and networking for exhibitors and general visitors.

\* General visitors will need to attend the “Seminar on Environmental Business to Open the Way to the Future of Resources and Energy” to participate in a Business Exchange Meeting.

## February 17 (Fri)

### Center Stage

10:30–11:30  
**Environmental Industry Forum**

“Energy Strategies in Japan and the World:  
Looking Ahead into the Future Course for Japan”  
Mr. **Jitsuro Terashima**  
(Chairman, Japan Research Institute)



Mr. Jitsuro Terashima

11:40–12:40  
**Kawasaki Compact Forum**

“How the Paris Agreement Changes the Way Business Operates”  
Mr. **Takejiro Sueyoshi**  
(Special Advisor to United Nations Environment Programme Finance Initiative; Counsel to Kawasaki City for International Environmental Measures)



Mr. Takejiro Sueyoshi

12:40–13:00  
**Business Presentations by Exhibitors**

“Aiming for the Ideal Model of Area Energy Management!”  
Mr. **Tadashi Nakamaru**  
(Executive Director and Secretary General, Ecomachi Forum)

13:00–14:30  
**Technical Seminar by NEDO**

**Introduction of the outline of NEDO and 2016 Strategies on Energy Saving Technologies** Energy Conservation Technology Department, NEDO  
**Introduction of the framework under the Program for Strategic Innovative Energy Saving Technology** Energy Conservation Technology Department, NEDO  
**Development examples of the Program for Strategic Innovative Energy Saving Technology** Aster Co., Ltd.  
**Research and Development on the Innovative Utilization of Unused Thermal Energy** Energy Conservation Technology Department, NEDO  
**Introduction of the Framework for International Energy Demonstration Projects** Energy Conservation Technology Department, NEDO  
**Demonstrative Example of International Energy Demonstration Projects** Yasui Architects & Engineers, Inc.

14:40–15:20  
**Business Presentations by Exhibitors**

14:40–15:00  
“Deregulation of Electricity Market and Tokyo Gas’s Electricity Sale”  
Tokyo Gas Co., Ltd.  
Mr. **Hideo Horikoshi** (Energy Sales & Service Promotion Dept.)

15:00–15:20  
“Short Presentation on Achievements of JST’s Industry-Academia Collaboration Programs”  
Japan Science and Technology Agency (JST)

- Introduction of Operations under the Support Program for Optimum Deployment of Research Results (A-STEP)
- Introduction of the Results of Research and Development by Lotus Alloy, Co., Ltd. (currently Lotus Material Laboratory)
- Introduction of the Results of Research and Development by Nagoya University

15:20–16:20  
**Presentation on Efforts by Kawasaki Green Innovation Cluster**

15:35–16:20  
“Use of IoT to Make Smart Cities:  
Environmental Efforts in Kawasaki Eco-Town”  
NEC Corporation  
Mr. **Takashi Takeuchi** (Manager, New Business Promotion Division, Public SC Management Department)



Mr. Takashi Takeuchi

16:30–17:00  
**Closing Ceremony**

Award Presentation Ceremony for the Best Booth Award  
Closing Address

### Seminar Space A

10:30–12:30  
**Seminar for Developing Ideas for Commercialization**

10:30–11:30  
“Study Meeting for Resolving Environmental Challenges based on Public-Private Partnership”  
Global Environment and Sustainability Office, Environmental Protection Bureau of Kawasaki City, etc.

11:30–12:30  
“Seminar for Supporting Overseas Expansion by Consultants - Consultants Share their Ideas to Help You Get Ahead -- The Way Things Are in Myanmar Today”  
Engineering and Consulting Firms Association, Japan, Nippon Koei Co., Ltd.



### Seminar Space B

11:30–12:30  
**Market Development Seminar**

“Essential Steps in Developing Markets in the ASEAN Region”  
Organization for Small & Medium Enterprises and Regional Innovation, Japan  
Mr. **Kazuya Sato** (International Business Advisor)

13:00–15:55  
**Seminar on Eco-business will create a better future for resources and energy**

13:00–13:40  
“Recycling Business’s Challenge to IoT Innovation”  
Resource Circulation Network  
Mr. **Takamasa Hayashi**  
(Representative Director)



Mr. Takamasa Hayashi

13:45–14:25  
“Deregulation of Electricity Market and Tokyo Gas’s Electricity Sale”  
Tokyo Gas Co., Ltd.  
Mr. **Hidehiro Isohama** (Energy Sales & Service Promotion Dept.)

14:30–15:10  
“Water Treatment Issues and Water Business Strategies in the World”  
JFE Engineering Corporation  
Mr. **Yoshiro Abe**  
(Director, International Business Division, Aqua Solutions Section)

15:15–15:55  
Toshiba Corporation  
“Future Developments toward Hydrogen-Based Society Using Renewable Energy”

## Event Information

### Eco-Car Test Drive

February 16 Thursday, 17 Friday 10:30–16:00

The latest eco-cars including FCV (Fuel Cell Vehicles) will be available for a test drive. Visitors are invited to actually ride in an eco-car to experience its performance.

**[Models available for test ride]**

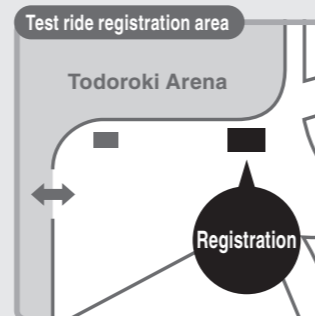


**[Cooperation]** Kanagawa Toyota Motor Sales Co., Ltd., Kanagawa Nissan Motor Co., Ltd.

**[Course]** One lap around the Todoroki Park Outer Road

※Registration is accepted on the day on a first-come-first-served basis. ※Children under the age of six will not be allowed on test rides.  
※Test rides may be suspended due to weather conditions.

Registration accepted at the outdoor test ride area / Free of charge



### Environmental outreach lessons

February 17 (Fri)

**[Morning Session] 10:00 - 10:45**

**[Afternoon Session] 13:20 - 14:05**

Environmental outreach lessons will be conducted with the cooperation of businesses in Kawasaki City to encourage children who will bear the torch in the next generation to learn about the environment and energy and nurture environmental awareness in their mind.

Cooperation	Program	Area
JX Nippon Oil & Energy Corporation	“Have Fun with ENEOS Eco-Class”	Sub-Arena Training Room 1
Tokyo Gas Co., Ltd.	“What is a Fuel Cell?”	Sub-Arena Athletic Room 2
Fujitsu Ltd.	“How to Manage Our Way of Life on One Planet Earth” - Perspective of Ecological Footprint	Sub-Arena Athletic Room 1



This area is open to tours by visitors.

# List of Exhibitors

## A

Name of Exhibitor	Exhibitor Profile	No.
ACT Co., Ltd.	p15	070
AISHIMU IRYOUKI CO., LTD.	p29	099
Ajinomoto Co., Inc. Kawasaki Administration and Coordination Office	p30	078
ALPHAX CO., LTD.	p20	026
Asset Associates, Inc.	p17	061

## C

Name of Exhibitor	Exhibitor Profile	No.
Center for Global Communications, International University of Japan	p32	055
Chiyoda Corporation	p24	047
Committee for synergy in Keihin industrial complex	p32	101
CORELEX SAN-EI Co., Ltd. TOKYO MILL	p18	060
Credit Guarantee Corporation of Kawasaki-Shi	p25	010
CROWN PACKAGE	p29	062

## D

Name of Exhibitor	Exhibitor Profile	No.
DAIWA TECH Co., Ltd.	p23	025

## E

Name of Exhibitor	Exhibitor Profile	No.
Electrike Japan Co., Ltd.	p21	111
ELIY Power Co., Ltd.	p22	022
Environment Energy CO., LTD.	p17	086
Environmental Restoration and Conservation Agency	p32	108

## F

Name of Exhibitor	Exhibitor Profile	No.
FUJI ELECTRIC CO., LTD.	p16	074
Fujiks Co., Ltd.	p16	073
FUJITSU GROUP	p28	075
FUKUHARA Co., Ltd.	p19	064

## G

Name of Exhibitor	Exhibitor Profile	No.
Gentle Lighting Co., Ltd.	p20	030

## H

Name of Exhibitor	Exhibitor Profile	No.
Hitachi Automotive Systems Measurement, Ltd.	p24	035
Human air conditioner CoolSmile	p17	085

## I

Name of Exhibitor	Exhibitor Profile	No.
IBS CO., LTD.	p25	040
ICOP I.T.G. Inc.	p20	054
INSTITUTE of INDUSTRY PROMOTION-KAWASAKI	p31	013
Institute of Sustainable City Forum	p28	028
International Economic Affairs Office, Economic and Labor Affairs Bureau, Kawasaki City	p31	103
IoT Council of Waste Management and Recycling	p15	052
Iwatani Corporation	p23	038

## J

Name of Exhibitor	Exhibitor Profile	No.
Japan Environmental Sanitation Center	p18	067
Japan Science and Technology Agency	p30	002
Japan voice mental research association	p33	051
JASFA	p23	089
JFE GROUP	p20	016

## K

Name of Exhibitor	Exhibitor Profile	No.
Kanagawa institute of invention and innovation	p30	042
Kanagawa Institute of Technology	p31	007
KANAGAWA NEWSPAPER	p28	041
Kanagawa Prefectural Council for Promoting Business and Industrial Establishment	p30	012
kanto Branch of Japan Patent Attorneys Association	p33	003
Kanto Bureau of Economy, Trade and Industry	p19	001
Kawasaki Biomass Electric Power Co., Ltd.	p22	021
Kawasaki City Environmental Protection Bureau Public Waste Management Department	p17	082
Kawasaki City, Environmental Protection Bureau	p25	104
Kawasaki City, Environmental Protection Bureau Hydrogen-related project	p25	036
Kawasaki Eco-Tech	p25	083
Kawasaki Environment Research Institute	p31	090
Kawasaki Natural Gas Power Generation Co., Ltd.	p26	049
Kawasaki New Energy Promotion Association	p22	017
Kawasaki Water Business Network	p15	068
Kawasaki Zero Emission Industrial Complex	p26	084
Keio University Shin-Kawasaki k2 Town Campus	p32	006
KENDENSHA Co., Ltd.	p16	098
KIMIJIMA KOKUSAI SYHOKAI CO., LTD.	p15	091
KOMATSU FACTORY CO., LTD.	p37	079
Kondo-kogei Inc.	p22	050
Kureha Ecology Management Co., Ltd.	p17	065

## L

Name of Exhibitor	Exhibitor Profile	No.
Liaison Center for Creation of Industry and Environment	p32	102

## M

Name of Exhibitor	Exhibitor Profile	No.
M and K technology Co., Ltd.	p24	037
Mitsubishi Fuso Truck and Bus Corp.	p22	005
Mitsubishi Kakoki Kaisha, Ltd.	p25	033
MIYASAKA KOUGYOU CO., LTD.	p16	088
Miyazaki Enterprise Promotion Organization	p33	057

## N

Name of Exhibitor	Exhibitor Profile	No.
NAGAO SYSTEM INC.	p21	100
NANOFUEL CO., LTD.	p23	019
NEC Corporation	p28	053
New Energy and Industrial Technology Development Organization	p21	029
Nice Corporation	p27	093
NIPPON KOEI CO., LTD.	p26	024
NOF METAL COATINGS GROUP	p29	039

## O

Name of Exhibitor	Exhibitor Profile	No.
OSMO CO., LTD.	p15	071
Osmo and Edel Co., Ltd.	p28	077

## P

Name of Exhibitor	Exhibitor Profile	No.
PET REFINE TECHNOLOGY Co., Ltd.	p18	056

## S

Name of Exhibitor	Exhibitor Profile	No.
Saitama City, Eddy plus	p19	087
SANKO COMPANY LIMITED	p29	097
Setagayaku	p19	092
SHIBAURA SEMTEK CO., LTD.	p20	020
SHINGOKIZAI	p26	076
Shoei Co., Ltd.	p16	072
SHOWA DENKO GAS PRODUCTS CO., LTD.	p21	031
SHOWA DENKO K.K. Kawasaki Plant	p24	032
SINKPIA JAPAN CO., LTD.	p18	081
Soushow Co., Ltd.	p21	027

## T

Name of Exhibitor	Exhibitor Profile	No.
Takara Protect Materials Co., Ltd.	p26	080
THE KAWASAKI SHINKIN BANK	p31	014
The Institute of Information Science, Senshu University	p33	011
The kawasaki chamber of commerce and industry	p31	015

## T (Continued)

Name of Exhibitor	Exhibitor Profile	No.
Tokyo City University	p32	008
TOKYO GAS	p27	048
Tokyo University of Pharmacy and Life Sciences	p33	096
TonenGeneral Group	p21	018
Toshiba Corporation	p24	034
TOUYOUROZAI CO., LTD.	p27	063

## U

Name of Exhibitor	Exhibitor Profile	No.
UD, Inc.	p27	043
UNION Co., Ltd.	p29	066

## W

Name of Exhibitor	Exhibitor Profile	No.
Wako Concrete Co., LTD.	p34	058
Waterworks Bureau, City of Kawasaki	p15	069

## Y

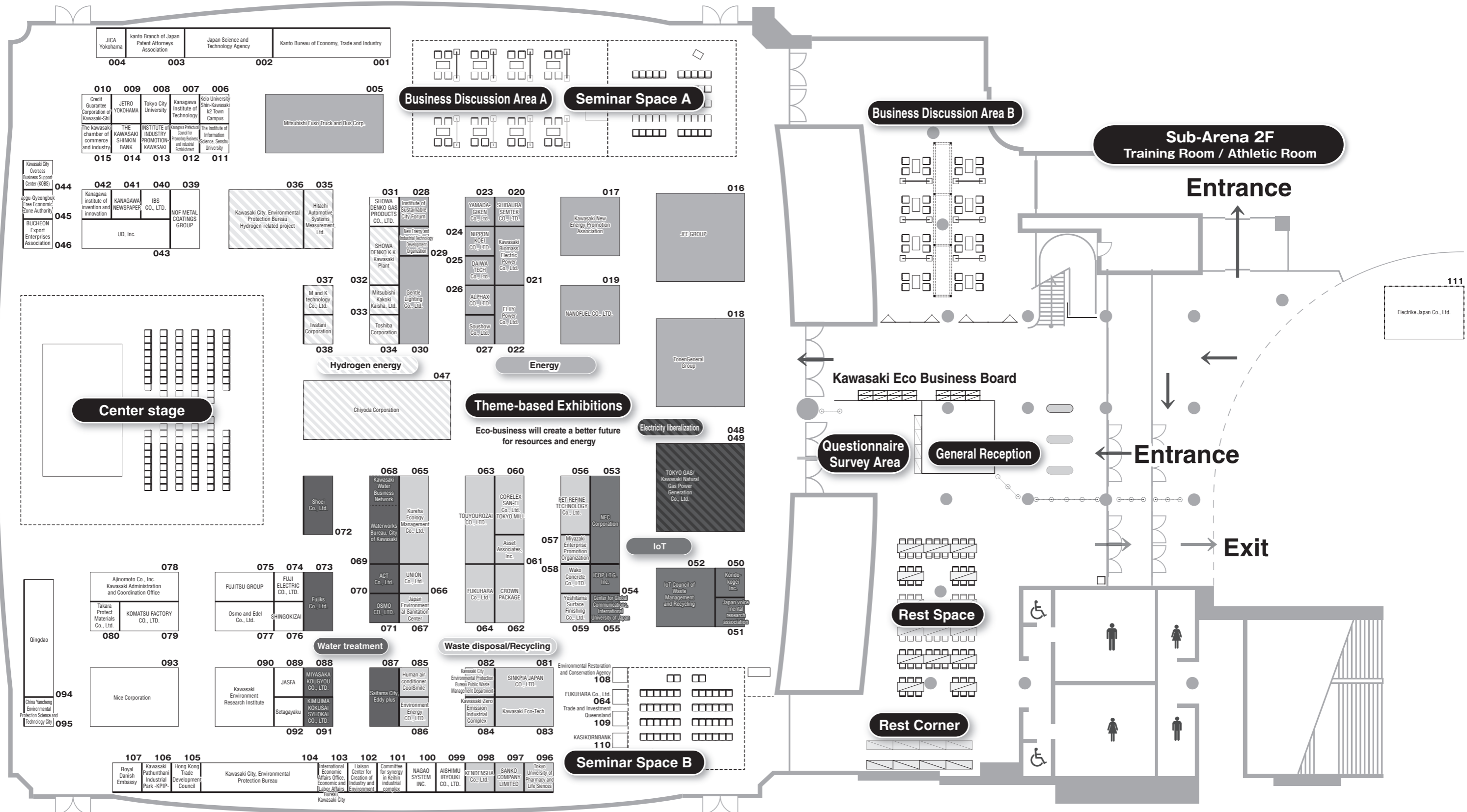
Name of Exhibitor	Exhibitor Profile	No.
YAMADA-GIKEN Co., Ltd.	p23	023
Yoshitama Surface Finishing Co., Ltd.	p33	059

## International

Name of Exhibitor		Exhibitor Profile	No.
Australia	Trade and Investment Queensland	p34	109
China	Hong Kong	Hong Kong Trade Development Council	p36 105
	Qingdao	ASIAN TONG DAI(QINGDAO) RAILWAY EQUIPMENTS CO., LTD.	p35 094
		QINGDAO BOSS FLAME RETARDANT TEXTILE MATERIALS CO., LTD.	p36 094
		Qingdao HongYi Industrial Co., Ltd.	p35 094
		Qingdao Metal Recycling Office	p35 094
		Qingdao Overseas Investment Service Center	p35 094
	Yancheng	China Yancheng Environmental Protection Science and Technology City	p35 095
Denmark	Royal Danish Embassy	p36 107	
Related organizations	JETRO YOKOHAMA	p36 009	
	JICA Yokohama	p36 004	
	Kawasaki City Overseas Business Support Center (KOB)	p36 044	
South Korea	Bucheon	BUCHEON Export Enterprises Association	p34 046
	Daegu	Daegu-Gyeongbuk Free Economic Zone Authority	p34 045
Thailand	KASIKORN BANK	p34 110	
	Kawasaki Pathunthani Industrial Park -KPIP-	p35 106	

\* Listed in alphabetical order.

## Todoroki Arena Space 1F



# List of Exhibitors/Summary

## Kawasaki International Eco-Tech Fair 2017

- Air, soil, and water environment business — p15
- Waste disposal/recycling business — p17
- Environmental solution — p19
- Energy-saving/Energy management — p20
- Renewable energy — p22
- Hydrogen energy — p23
- Contribution to the earth's environment — p25
- Electric power generation/selling/trading business — p26
- Environmental civil engineering/architecture — p27
- Urban development/Smart cities — p28
- Eco-products — p29
- Food and environmental business — p30
- Industry-academia-government collaboration — p30
- International — p34
- Adaption for Climate Change — p37

### Air, soil, and water environment business



#### 070 ACT Co.,Ltd

66-3, Jogeshima, Kamijima-cho, Yoshinogawa City, Tokushima, 776-0013, Japan  
 TEL: 0883-24-8887 FAX: 0883-24-9278  
 E-MAIL: [act@act-yume.jp](mailto:act@act-yume.jp)  
 URL: <http://www.act-yume.jp/>

##### Corporate Profile

Our Suimu series offers coagulants that allow for easy and low-cost disposal of liquid waste. This series of products saves disposal costs compared with a case where you cannot dispose of it in-house and therefore disposal of liquid waste is totally outsourced to an industrial waste collector. Our coagulants excel conventional products in that they produce precipitates easy to dewater and provide excellent reaction rates and easy pH-value adjustment. In addition, they are composed of safe ingredients, which are mainly natural minerals, meaning that our products as well as treated waste water are environmentally friendly. They are used in large-scale construction work in Tokushima Prefecture and decontamination projects in Fukushima Prefecture.

##### Items Exhibited

Panel for showing our products, several types of actual liquid wastes untreated and treated, and our product samples

#### 071 OSMO CO., LTD.

2-7-6, Kurigi, Asao-ku, Kawasaki City, Kanagawa, 215-0033, Japan  
 TEL: 044-981-3332 FAX: 044-981-5051  
 E-MAIL: [info@osmo.co.jp](mailto:info@osmo.co.jp)

##### Corporate Profile

OSMO Co., Ltd specializes in manufacturing of water treatment equipment. Our main business areas are pure water and ultrapure water treatment, effluent treatment, and industrial chemicals. Our equipment has been installed in semiconductor factories, food factories, pharmaceutical factories, hospital etc. Osmo introduces superior water treatment technology into countries or areas where safe & secure water is not available.

##### Items Exhibited

● Emergency drinking water system  
 It provides drinking water by purifying river water, sea water and fire prevention water during emergency situations such as earthquakes and disaster.

#### 069 Waterworks Bureau, City of Kawasaki

1, Miyamoto-cho, Kawasaki-ku, Kawasaki City, Kanagawa, 210-8577, Japan  
 TEL: 044-200-3097 FAX: 044-200-3996  
 URL: <http://www.city.kawasaki.jp/800/cmsfiles/contents/0000035/35839/>



##### Corporate Profile

Waterworks Bureau, City of Kawasaki is making efforts to establish "water circulation system" by integrally conducting tap water system, industrial water system and sewerage system. And we contribute to safe and comfortable lives of citizens and creation of favorable water environment. Also, for creating a low-carbon and recycling-oriented society, we utilize sludge and advanced treatment wastewater resulting from water, industrial water and wastewater treatment process, as well as working on good use of renewable energy. Moreover, we try to contribute improving water environment all over the world by utilizing technologies, knowledge and experiences which we have accumulated through longtime management in waterworks and sewerage field.

##### Items Exhibited

We will present our water circulation system constructed through integrated management and operation of waterworks, industrial waterworks, and sewerage using a large panel and video in which Water and Cuppy, our mascots, will appear. We will also present our international business operations under an environment with natural streams produced by the physical height differences.

#### 068 Kawasaki Water Business Network

1, Miyamoto-cho, Kawasaki-ku, Kawasaki City, Kanagawa, 210-8577, Japan  
 TEL: 044-200-3739  
 FAX: 044-200-3982  
 URL: <http://www.kawabiznet.com/index.html>



##### Corporate Profile

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 54 members and 12 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.

##### Items Exhibited

We introduce activities and members of KaWaBiz NET using panels, brochure and handouts.

#### 091 KIMIJIMA KOKUSAI SYHOKAI CO., LTD.

Room 4, Kanagawa Global Business Center, 2nd floor, Industry & Trade Center Building, 2, Yamashita-cho, Naka-ku, Yokohama City, Kanagawa, 231-0023, Japan  
 TEL: 045-306-8762 FAX: 045-306-8762  
 E-MAIL: [ks.kimijima@aq.wakwak.com](mailto:ks.kimijima@aq.wakwak.com)



##### Corporate Profile

Our Japanese corporation started operation in May 2016 in the Kanagawa Global Business Center of Industry and Trade Center located at 2, Yamashita-cho, Naka-ku, Yokohama City. Outside Japan, we have Kimijima Takayasu Trading Dalian Co., Ltd. in Dalian City, China, which is working on contamination control including drainage friendly to the water environment. It also manufactures LEDs for the Japanese market and exports them to Japan.

Our water treatment equipment uses a special ceramic catalyst to supply air to dirty water or the like to transform it to active water, namely clean water. The equipment is simple and consumes less power; water treated with this equipment is used as circulating water in power plants, boilers, sump pits, and cooling towers. We also sell water control systems for water functionality improvement designed to be connected to potable tap water.

##### Items Exhibited

Our air reformer causes cost increases because of equipment degradation, increased maintenance costs, environmental and sanitary pollution, shortened equipment life, and so on resulting from, for example, adhesion of troublesome scales, corrosion due to red rust, bloom of algae, and Legionella bacteria. We will solve these problems.



## 098 KENDENSHA Co.Ltd.

1372-15, Nagahama-cho, Izumo City, Shimane, 693-0043, Japan  
TEL: 0853-28-1818 FAX: 0853-28-2858  
URL: <http://www.kendensha.co.jp>

### Corporate Profile

KENDENSHA Co., Ltd. manufactures equipment associate with environmental preservation. Now, we specialize in drainage; in the field of primary drainage, we have sold more than 500 units of Slit Saver, a solid-liquid separator. Slit Saver separates solid-containing liquid into solid and liquid contents.

### Items Exhibited

Small demonstration machine, booklets, product promotion panel, and monitor (to show the corporate profile)

## 072 Shoei Co.,Ltd.

2-6, Shinkawasaki, Saiwai-ku, Kawasaki City, Kanagawa, 212-0032, Japan  
TEL: 044-589-1601 FAX: 044-589-1602  
E-MAIL: [shoei@shoei-roka.co.jp](mailto:shoei@shoei-roka.co.jp)

### Corporate Profile

We propose SBEM automation systems—which visualize heating, lighting, and water costs per guest—to owners of accommodations or premises with bathing facilities such as a swimming pool and warm bath. According to your facilities, we propose you an ideal plan that combines energy saving measures for electricity, heat, and water.

We will also exhibit the world's first mutual water-quality monitoring system that can measure eight items at the same time. You can consult us at no charge. Please stop by our booth to ask any questions.

### Items Exhibited

SBEM automation system, SHOEI Bathing EcoSystem (SBES) for reducing costs for warm baths, energy-saving, industrial-use circulating filter, mutual-diagnostic, total water quality monitoring system capable of displaying up to eight data items at the same time, and so on

# Waste disposal/ recycling business

## 061 Asset Associates, Inc.

3-150-1, Yanaka-cho, Koshigaya City, Saitama, 343-0856, Japan

TEL: 048-967-2910

FAX: 048-967-2915

E-MAIL: [service@asseta.jp](mailto:service@asseta.jp)

URL: [www.asseta.jp](http://www.asseta.jp)



### Corporate Profile

With the motto "Review and renew assets," we promote the reuse and recycling of IT assets to make them sustainable. That is the commitment of Asset Associates. We are fully responsible for a series of steps consisting of equipment reception, data deletion, and reuse/recycling. We provide a new business model that delivers environmental preservation, security, and low costs.

### Items Exhibited

Presentation of our services and exhibition of data erasing devices and samples of disassembled smartphones

## 073 Fujiks Co.,Ltd.

1-8-2, Kaizuka, Kawasaki-ku, Kawasaki City, Kanagawa, 210-0014, Japan  
TEL: 044-245-0822 FAX: 044-245-0824  
URL: <http://www.fujiks.com>

### Corporate Profile

Having started as a pioneer in the field of waterjet technology, we provide a wide range of services from high-pressure washing of factory equipment to cleaning of pipes, chipping of concrete, and manufacturing of mist cooling devices. With an established reputation for our technological capabilities, we have obtained certification for our pipe cleaning technique for skyscraper apartment building as the Kawasaki craftsmanship brand and for our service of environmentally-friendly drainpipe cleaning as the Kawasaki low-CO2 brand. We will continue to help improve the social environment in the fields of the environment, safety, and regeneration.

### Items Exhibited

We have nearly-50-year experience in waterjet-based pipe washing for buildings and factories. During this period, customers' needs have been changing every moment. In particular, customers are seeking for solutions to odors. If you have a problem associated with odors, you are recommended to experience our service for solving odor problems.

## 074 FUJI ELECTRIC CO., LTD.

East Tower, Gate City Osaki, 1-11-2, Shinagawa-ku, Tokyo, 141-0032, Japan  
TEL: 03-5435-7111  
URL: <http://www.fujielectric.co.jp/>

### Corporate Profile

Based on the technologies and experience that have been cultivated, FUJIELECTRIC will continue to try to innovate energy and environmental technologies so that we can continue to create environmentally-friendly, high-value-added products that make use of energy most effectively. We will also expand our energy/environmental business globally to help realize a sustainable, safe, secure society while trying to harmonize with the ever-changing global environment.

### Items Exhibited

Using panels, we will exhibit gas analyzers and other environmental technology products.

## 082 Kawasaki City Environmental Protection Bureau Public Waste Management Department

Miyamoto-cho 1, Kawasaki-ku, Kawasaki City  
TEL: 044-200-2580 FAX: 044-200-3923  
E-MAIL: [30genryo@city.kawasaki.jp](mailto:30genryo@city.kawasaki.jp)

### Corporate Profile

Kawasaki is a large city with a population of approximately 1.5 million, where many environmentally aware citizens and companies are making a variety of efforts on their own initiative as environmental citizens. We will continue to integrally promote resources recycling, reduction of carbon emissions, and natural symbiosis, and make efforts together with citizens and businesses to address environmental issues. With these efforts, we will lead Japan or even the world, let alone Kawasaki City, in helping conserve the environment.

### Items Exhibited

We will present the flow of waste disposal in Kawasaki City and environmental study facilities as well as our efforts to promote recycling.

## 086 Environment Energy CO.,LTD.

6-9-24, Akebono-cho, Fukuyama-shi, HIROSHIMA  
TEL: 084-920-2830  
URL: <http://www.kankyo-energy.jp/>

### Corporate Profile

We have developed a converter that transforms waste plastic and cooking oil into high-quality hydrocarbon oil. By using a catalyst, this device has solved the conventional technical problems that wax is precipitated out of waste plastic and that waste cooking oil cannot be used for the latest common-rail engines. Now, we can propose you to transform waste plastic into oil and generate biodiesel from waste eating oils.

### Items Exhibited

We will present a new method for transforming waste plastic into oil using a catalyst, explain the basic flow of generating biodiesel from waste eating oils, show photographs of equipment for transforming waste plastic into oil and equipment for generating biodiesel from waste eating oils.

## 088 MIYASAKA KOUYOU CO.,LTD.

5568-2, Kanazawa, Chino City, Nagano, 391-0012, Japan  
TEL: 0266-79-7115  
FAX: 0266-79-5597  
E-MAIL: [mskcg@po7.lcv.ne.jp](mailto:mskcg@po7.lcv.ne.jp)  
URL: <http://mskcg.jp/>



### Corporate Profile

When the Kinu-gawa River in Ibaraki Prefecture overflowed in September 2014, we provided disaster relief assistance. At that time, we witnessed many people who were unable to come to water trucks and keenly felt that water purifiers were needed to ensure that drinking and daily life water is available even at small-scale evacuation sites. Through this experience, we have developed the Kokkun Nomeruzo, a full-fledged water purifier. You can make use of this product as measures against disaster situations in apartment buildings, facilities, and companies, let alone evacuation sites.

\* The product was exhibited at Technical Symposium 2016 of the Acquisition, Technology & Logistics Agency and adopted.

### Items Exhibited

1. <Kokkun Nomeruzo, a full-fledged water purifier>
  - Demonstration of purification with the Kokkun Nomeruzo
  - Showing video of our product lineup
  - Comparison between unpurified and purified water of Lake Suwa.
  - Measured data of purified water of the Tone River and Lake Suwa
2. <Plastic water container and feed-water cock for use in the event of a disaster>  
At any time, our staff provides explanations as required.

## 085 Human air conditioner CoolSmile

4-4-27 Toyosato Higashiyodogawa-ku Osaka JAPAN  
TEL: 06-6829-6079  
FAX: 020-4668-3199  
E-MAIL: [store@coolsmile.jp](mailto:store@coolsmile.jp)  
URL: <http://coolsmile.jp/>



### Corporate Profile

In international patent application, launched in October 2015 as a surface water-cooled clothing, has already begun the use. Visited the 2016 July Kumamoto Prefecture mashiki, we completed the mission to assist the new product has just been developed to local victims have been farmers. In addition to be able to ensure the occupational safety of the heat wave period, improve productivity, there is a separation preventing effect in the field. We plan the product development over the time and cost for further evolution.

### Items Exhibited

Surface water-cooled human air conditioning, air conditioning mask, salaryman air conditioning, dog air conditioning of the exhibition. State-of-the-art heat stroke measures product will be studied.

## 065 Kureha Ecology Management Co., Ltd.

6-1, Chidori-cho, Kawasaki-ku, Kawasaki-city, Kanagawa-pref., 210-0865, Japan  
TEL: 044-280-3810 FAX: 044-280-3814  
E-MAIL: [yuka\\_satoh@kurekan.co.jp](mailto:yuka_satoh@kurekan.co.jp)  
URL: <http://www.kurekan.co.jp>



### Corporate Profile

We endeavor to global environmental conservation through industrial waste collection, transport, and intermediate treatment, as well as the overall engineering of environment-related equipment. Based on the needs of our customers, we conduct to develop technology; delivering equipment that can process VOC flue gases contained in emissions from production equipment, managing detoxification of POPs and other substances, corresponding medical waste with infection risk, supporting disaster-related waste disposal, and so on. Managing proper dispose of diversify waste, we take a part in industrial vitalization as venous industry. Furthermore, for the realization of a low carbon society, we operate a rated-value 4.8MW waste power plant.

### Items Exhibited

- VOC flue gas treatment equipment
  - Industrial waste management facility and its processing
  - Transshipment and storage facility for specially controlled industrial waste
  - Approaching to environment conservation and energy supply at Kawasaki coastal area
- \* Inquiries on industrial waste for low-concentration PCB are also welcome upon consultation.

## 060 CORELEX SAN-EI Co.,Ltd. TOKYO MILL

6-10, Mizue-cho, Kawasaki-ku, Kawasaki City, Kanagawa, 210-0866, Japan  
TEL: 044-281-1100 FAX: 044-281-1101  
URL: [http://www.corelex.jp/sanei\\_tokyo/](http://www.corelex.jp/sanei_tokyo/)

### Corporate Profile

We have achieved a recycling process that recovers resources to put them into products.

We are the world's first zero-emission paper mill, which was born in 2003 as the first factory of the model project for resources recycling society promoted by the government. Renamed as TOKYO MILL of CORELEX SAN-EI Co., Ltd. in October 2015, we started over again.

In the mill, we have built recycling-oriented paper making lines based on the world's most advanced equipment. We process as much as 7,000 tons of recovered paper a month to produce 1.10 million tons of toilet paper.

### Items Exhibited

- Exhibition of toilet paper made of 100% recycled paper
- Explanation about mixed paper recycling
- Explanation about dissolving classified documents for recycling
- Exhibition of the processes of producing recycled toilet paper

## 081 SINKPIA JAPAN CO.,LTD.

3-5-26,Kitayamata,Tsuzuki-ku,Yokohama-shi,  
Kanagawa,224-0021 Japan  
TEL: 045-590-3626 FAX: 045-593-1150  
E-MAIL: [sinkpia@sinkpia-j.co.jp](mailto:sinkpia@sinkpia-j.co.jp)  
URL: <http://sinkpia-j.co.jp>



### Corporate Profile

SINKPIA, a garbage disposer vendor, aims for an environment where no kitchen garbage is produced from general households and businesses. With the belief that kitchen garbage should be ideally disposed of at the kitchen, or the like, where garbage is produced, we have successfully developed a garbage disposer that can be installed indoor, which had been difficult to achieve. Unlike traditional compost-based and drying-type composers, this disposer biodegrades kitchen garbage thrown in, eliminating the basic need for taking out garbage. All you have to do every day is throw in garbage. You can comfortably use our garbage disposer.

### Items Exhibited

Industrail bio-kitchen garbage processing machine.

## 056 PET REFINE TECHNOLOGY Co.,Ltd.

12-2,Ogimachi,Kawasaki-ku,Kawasaki,kanagawa,  
210-0867 JAPAN  
TEL: 044-355-9322  
FAX: 044-355-9355  
E-MAIL: [info@prt.jp](mailto:info@prt.jp)  
URL: <http://www.prt.jp>



### Corporate Profile

We are the only resin manufacturer in Japan that is based on chemical recycling technology, which performs polymerization using BHET—a group polymer into which used PET bottles are chemically decomposed and purified—as the raw material to reproduce a resin having the same quality as the virgin PET resin.

### Items Exhibited

We will show the process chart for PRT chemical recycling, questions about the PET bottles exhibited using panels, and show video of the chemical recycling processes.

## 052 IoT Council of Waste Management and Recycling

1-1-1, Hirano, Yahatahigashiku, kitakyushu, Fukuoka  
TEL: 093-616-8155 FAX: 093-616-8150  
E-MAIL: [info@iot-recycle.com](mailto:info@iot-recycle.com)  
URL: <http://iot-recycle.com/>

### Corporate Profile

IoT Council of Waste Management and Recycling was established as Japan's first organization that is aimed to review the policy about IoT introduction, make proposals about policies to the government and its agencies, and create new projects in the field of waste disposal and recycling, predicated on collaboration of industry, academia, and government. It works on these matters through WG activities and others planned and carried out by knowledgeable people, municipalities, IT companies, manufacturers, waste disposers, and others.

By popularizing the IoT technology and associated business models, it aims to address issues such as reduction of carbon emissions in the waste disposal and recycling business industries, sophistication of logistics, enhancement of the efficiency, speed and labor saving aspects of field works, and promotion of overseas deployment.

### Items Exhibited

- We will exhibit business models that make use of the IoT possible in the waste disposal and recycling field together with actual examples of models implemented.
- Carbon reduction during collection/transportation and intermediate treatment processes
  - Prevention of irregularities, reducing work, and advanced use of data during the distribution process
  - Sophistication of recycling business by making use of advanced technology
  - Differentiation of Japan's export of infrastructures

## 067 Japan Environmental Sanitation Center

10-6, Yotsuyakami-cho, Kawasaki-ku, Kawasaki City, Kanagawa, 210-0828, Japan  
TEL: 044-288-5095 FAX: 044-288-5217  
URL: <http://www.jesc.or.jp/>

### Corporate Profile

Japan Environmental Sanitation Center has been established in 1954 as a nonprofit organization geared towards the improvement of the living environment. JESC actively pursues environmental protection and conservation through the whole range of its activities in order to contribute to worldwide efforts on creating a healthier global environment.

### Items Exhibited

Using panels, we will present our projects such as international cooperation and human resources development centering on developing countries and support for operations associated with waste disposal in times of disaster.

# Environmental solution

## 001 Kanto Bureau of Economy, Trade and Industry

1-1 shintoshin Chuou-ku Saitama  
TEL: 048-600-0292  
URL: <http://www.kanto.meti.go.jp/>

### Corporate Profile

Aiming for a sustainable society, Kanto Bureau of Economy, Trade and Industry works together with the organizations of Regional Bureau of Economy and their support organizations across Japan to expand environmental projects such as Environmental Business Alliance Matching seminars and to make efforts to promote 3 R's. Nine exhibitors: Y's Global Vision (Okinawa), Trim Co., Ltd. (Okinawa), Shunan Mizusoryi Co., Ltd. (Yamaguchi), GEO Power System Co., Ltd. (Yamaguchi), Marvel Corporation (Fukui), Somay-Q Technology Corporation (Ibaraki), Environment technology lab Inc. (Osaka), Tamagawa Kyushu Co., Ltd. (Fukuoka), and Solar Power Generation Maintenance Association (Fukuoka).

### Items Exhibited

We will exhibit technologies and products of businesses in the environmental and recycling segments that will participate in the Environmental Business Alliance Matching Seminar in Kawasaki to be held on February 16. In the matching seminar, each of the businesses above will make a presentation. Please listen.

## 087 Saitama City, Eddy plus

6-4-4 Tokiwa, Urawa Ward, Saitama City, Saitama Prefecture  
TEL: 048-829-1371 FAX: 048-829-1944  
E-MAIL: [sangyo-tenkai-suishinka@city.saitama.lg.jp](mailto:sangyo-tenkai-suishinka@city.saitama.lg.jp)  
URL: <http://www.city.saitama.jp/index.html>



### Corporate Profile

Eddy plus develops, manufactures, and sells a C-Mix series of bladeless agitator bodies. We will exhibit an environmentally-friendly water quality improvement device developed based on the C-Mix series with support from the Environmental Technology Industry Promotion project by Saitama Prefecture. With a special bladeless structure, the C-Mix series of products produces vertical agitation flows without leading to an accident caused by contact with a blade or damaging objects to be stirred. This provides uniform agitation without producing many bubbles. In addition, the series requires no blower, providing uniform aeration agitation. We have thus developed an environmental product that purifies water by achieving uniform aeration agitation in a closed water area.

### Items Exhibited

We will demonstrate our environmentally-friendly water quality improvement device that includes a bladeless centrifugal agitator body that does not disrupt the environment or damage objects to be stirred. Please visit our booth and see a demonstration of centrifugal aeration agitation, a feature of the product.

## 092 Setagayaku

Sangenjaya Branch Office, 2-16-7, Taishido, Setagaya-ku, Tokyo, 154-0004, Japan  
TEL: 03-3411-6662 FAX: 03-3411-6635

### Corporate Profile

Setagaya-ku is located in the western part of Tokyo and across the Tama River from Kawasaki City. With a population of approximately 890 thousand, it is a residential area with lots of trees and a rich natural environment. We will present environmental technologies developed by businesses in Setagaya-ku, and natural-energy projects launched on the basis of collaboration among municipalities.

### Items Exhibited

Tanaka Electric Laboratory will exhibit a dust concentration meter, an instrument that continuously measures smoke and dust from smokestacks, the most significant source of air pollution. Another item that will be put on display is a new product named DDM-TMA1 (Tamaichi), a white-exhaust dust concentration meter of a non-sampling, instantaneous vaporization type, which can be used for wet exhaust from the outlet of desulfurization equipment for coal fired power plants. Setagaya-ku will showcase cross-municipality programs based on natural energy as well as the results of the Energy-saving Point Action project, which engaged homes in the ward in the energy saving action.

## 064 FUKUHARA Co.,Ltd.

1-15-5, Akuwanishi, Seya-ku, Yokohama City, Kanagawa, 246-0025, Japan  
TEL: 045-363-7373  
E-MAIL: [eigyo@fukuhara-net.co.jp](mailto:eigyo@fukuhara-net.co.jp)  
URL: <http://www.fukuhara-net.co.jp>

### Corporate Profile

FUKUHARA released Drain Destroyer, a drain oil-water separator, in 1981. For 35 years, as a long-established company in the industry and a leading maker of drainage treatment systems, we have been consistently making efforts to preserve the environment by popularizing our Drain Destroyer. The Drain Destroyer is used in all segments of the productive industry; as the No. 1 seller, more than 10,000 units have been shipped so far. With a dealership system across Japan, we have established a maintenance system for prompt responses to users' needs.

### Items Exhibited

- Drainage treatment systems specifically designed for air compressors
- Drain traps specifically designed for air compressors
- Steam separators (based on tornado centrifuge) for compressed air
- Hollow-fiber air dryers specifically designed for air compressors
- Bacterial removal filter for compressed air

# Energy-saving/ Energy management



## 026 ALPHAX CO.,LTD.

3-13-13,Shimo-shinjo,Nakahara-ku,Kawasaki-shi,  
KANAGAWA  
TEL: 044-755-6661  
FAX: 044-755-6392  
E-MAIL: [info@alphax.co.jp](mailto:info@alphax.co.jp)  
URL: <http://www.alphax.co.jp>



### Corporate Profile

38 years have passed since the company was founded. Meanwhile, we were manufacturing laser diode test systems. Recently LED chip test systems has been added. And we began manufacturing LED lighting. We have developed a number of products that require knowledge and skills. High ceiling light, floodlight at sports facilities, plant growth, traffic lights, etc...

### Items Exhibited

LED disk light can be installed in high load environment with 100% humidity. I just released this year. Tempered glass, alumite processing, adopted a special structure keeping airtightness.

## 030 Gentle Lighting co.,Ltd.

1-15-30, Seki, Tama-ku Kawasaki-shi, Kanagawa, 214-0022, Japan  
TEL: 044-811-3171 FAX: 044-829-5616  
E-MAIL: [info@g-lighting.co.jp](mailto:info@g-lighting.co.jp)  
URL: <http://www.g-lighting.co.jp/>

### Corporate Profile

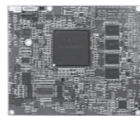
We sell and install electrodeless lamps, which will replace mercury lamps. With our business project selected as a Kawasaki-city shop-window model project in 2012 and 2014, we installed electrodeless lamps in the gymnasium of Inada Junior High School and Seki shopping street in Kawasaki City. Our electrodeless lamps are used in many facilities such as Kawasaki Nambu Market, NAS swimming pool and tennis courts, and car factories. With flicker causing pulses eliminated and the noise level reduced to satisfy the requirements for medical devices, our electrodeless lamps are friendly to the environment and people. If you consider using or dealing electrodeless lamps, feel free to contact us.

### Items Exhibited

We will exhibit electrodeless lamps, which will replace mercury lamps. Saving energy and power, electrodeless lamps emit gentle light that excellently brightens up spaces. With exhibits of many types of lighting fixtures and panels showing examples of installations, we welcome your visits.

## 054 ICOP I.T.G. Inc.

8th Floor, 6-16-9, Sotokanda, Chiyoda-ku, Tokyo, 101-0021, Japan  
TEL: 03-3831-6666 FAX: 03-5846-6600  
E-MAIL: [info@icop.co.jp](mailto:info@icop.co.jp)  
URL: <http://www.icop.co.jp/>



### Corporate Profile

ICOP mainly develops and sells built-in CPU boards for industrial use. Based in Taiwan, we have local corporations in Japan, U.S.A., China, and Germany. The CPUs of the Vortex 86 series, our original CPU lineup, contained on boards, feature +5-V single-supply operation, low power consumption, low heat generation, and a wide range of operating temperatures (from -20°C to +70°C, or extended range from -40°C to +85°C), and can be installed anywhere. Besides form-factor products, we custom-build boards according to your requests.

### Items Exhibited

We will exhibit the following products equipped with a CPU of the Vortex 86 series, our original CPU series:

- Built-in CPU boards
- EBOX, a small PC
- PMX/HMI, a touch-panel PC
- ICE (dust- and water-resistant PC/104, cabinet for industrial use)

## 016 JFE GROUP

1-1 Ohgishima, Kawasaki-ku, Kawasaki-shi, Kanagawa Pref.  
TEL: 044-322-1119 FAX: 044-322-1500  
URL: <http://www.jfe-holdings.co.jp/>

### Corporate Profile

As a JFE group company, JFE Steel is engaged in steel business. With a world top class production capacity and high-level technological development capability, JFE Steel provides products and services based on its leading-edge technology. On the other hand, JFE Engineering conducts, in many fields in the world, engineering business activities that support the lives of people and industries.

Based on the code of conduct "trying to take on new challenges and be flexible and sincere," we will continue to combine the forces of our group companies to keep trying toward an excellent company group in the 21st century according to the corporate philosophy "continuing to society with the world's highest-level technology."

### Items Exhibited

Group companies that will take part in the show:  
<JFE Steel, JFE Plastic Resources, JFE Engineering, and JFE Kankyo>

## 020 SHIBAURA SEMTEK CO.,LTD.

2068-3 Ooka, Numazu-shi, Shizuoka-ken  
TEL: 055-924-3450 FAX: 055-925-6556  
E-MAIL: [semtek\\_info@s-semtek.co.jp](mailto:semtek_info@s-semtek.co.jp)  
URL: <http://www.s-semtek.co.jp/>

### Corporate Profile

As a member company of the Toshiba Machine group, SHIBAURA SEMTEK helps create an eco-friendly global environment through the sale of environment-conscious products and environmental measurement instruments as well as environmental measurement and analysis. We seek to contribute to society through our business activities, particularly management, operation and services in the environmental preservation fields.

### Items Exhibited

SHIBAURA SEMTEK began marketing α-TH, a power-saving device for air conditioners. You can save energy simply by installing α-TH in the piping for industrial-use air conditioners, thus helping to preserve the environment and reduce CO2 emissions. We provide total support ranging from the sale of α-TH to recommendation of installers and guidance.

## 031 SHOWA DENKO GAS PRODUCTS CO., LTD.

1310, Omiya-cho, Saiwai-ku, Kawasaki, Kanagawa 212-0014 Japan  
TEL: 044-223-9529 FAX: 044-520-8910  
URL: <http://www.sdk.co.jp/gaspro/>

### Corporate Profile

Since the company's founding in 1944, as a manufacturer specializing in liquefied carbon dioxide and dry ice, we have been expanding our business activities such as technical development based on liquid and gaseous nitrogen and sale of associated equipment with focus placed on production and sale of products. In 2012, we inherited the industrial gas division from Showa Denko K.K.; through this inclusion, we became an industrial gas manufacturer, additionally starting to deal separate gas, which is widely used in the industrial and medical areas, and hydrogen, which is required in manufacturing semiconductors. Making maximum use of this strength, we delicately meet customers' diversifying needs to manufacture and sell products from standpoints closer to those of our customers.

### Items Exhibited

Using supercritical CO2, we can perform processes that must conventionally use organic solvents or processes that were not successfully achieved with organic solvents. We will present a supercritical-CO2 process unit that uses no organic solvent and environmentally friendly technology for achieving a shift from the thinner used in spraying solvents to supercritical CO2.

## 027 Soushow Co., Ltd.

3895, Nogawa, Takatsu-ku, Kawasaki City, Kanagawa,  
213-0027, Japan  
TEL: 044-788-8521  
URL: <http://www.soushow.co.jp/>



### Corporate Profile

We have been laying a foundation for developing the film industry in Japan; for example, we have obtained ISO 9001 certification and our president serves as a member of the JIS standards committee of films for buildings. We are expanding our business every year to meet a wide variety of needs of our customers. While recent years have seen ongoing global efforts to preserve the environment, the heat blocking efficiency delivered by our high-transparency heat-blocking films receives a lot of attention as an important construction material absolutely necessary to control carbon dioxide emissions.

### Items Exhibited

We hope you will actually feel the heat blocking effect offered by our high-transparency heat-blocking films as well as its transparency and effectiveness. We also installed and sold our films in overseas countries and will present information about such activities. We will also give advice about installation and sale of films on the spot.

## 100 NAGAO SYSTEM INC.

1-9-30 Katahira Asao-Ward Kawasaki-City Kanagawa-Pref, 2150023 JAPAN  
TEL: 044-954-4486 FAX: 044-954-8258  
URL: <http://www4.plala.or.jp/nagaosystem/>

### Corporate Profile

Three-dimensional ball mill which our company independently developed and got a patent can not imitate other companies. A device of 3 dimensional high speed exercise is a product not found anywhere.

### Items Exhibited

- Three-dimensional Mini size ball mill(Three-dimensional Reactor)
- Three-dimensional Middle size ball mill(Three-dimensional Reactor)

## 029 New Energy and Industrial Technology Development Organization

MUZA Kawasaki Central Tower, 17F, 1310 Omiya-cho, Saiwai-ku, Kawasaki City, Kanagawa 212-8554 Japan  
TEL: 044-520-5152 FAX: 044-520-5154  
URL: <http://www.nedo.go.jp/>



### Corporate Profile

As one of the largest public research and development management organizations, NEDO is a national research and development organization that plays a role in economic and industrial administration to work on two missions: solving energy and environmental problems and enhancing industrial technology. We work toward enhancing the industrial technology and solving energy through consistent technical development management ranging from discovery of technical seeds to promotion of medium- and long-term projects and support for commercialization and development.

### Items Exhibited

We will present NEDO's efforts to realize the world's most advanced energy-saving society as well as achievements of the latest successful examples in development and Energy Saving Strategy 2016. We will also give advice on the Strategic Energy-saving Technical Innovation program, a NEDO-supported project.

## 018 TonenGeneral Group

7-1, Ukishima-cho, Kawasaki-ku, Kawasaki City, Kanagawa, 210-8523, Japan  
TEL: 044-288-8301 FAX: 044-288-8360  
URL: <http://www.tonengeneral.co.jp/>

### Corporate Profile

Thorough considerations to change the future.

With pride for having supported energy in Japan, our focus will be on examining the direction and steps that would lead us to a future full of joy. By putting together our unique solutions capabilities and examining each process in detail, we seek to pursue solutions that no other business can deliver. Driven by the energy of our passion, Let's change the future. With Tonen General Group.

### Items Exhibited

Using panels, we present our measures for safety and environmental preservation, and against disasters. In addition, our staff will give explanations about them for easy understanding.

## 111 Electrike Japan Co.,Ltd.

3-239-2 kosugi nakahara kawasaki kanagawa JAPAN  
TEL: 044-777-2244  
FAX: 044-777-2231  
E-MAIL: [info@electrike.co.jp](mailto:info@electrike.co.jp)  
URL: <http://www.electrike.co.jp/>



### Corporate Profile

Electrike Japan is the youngest automotive manufacturer in Japan, which received type approval from the Ministry of Land, Infrastructure, Transport and Tourism in 2015. We manufacture electric vehicles available for industrial use, which are positioned between minicars and motorbikes. We offer simple, energy-efficient vehicles specializing in last-one-mile transport. With a cute look, they can be used as moving advertisement pillars that offer an excellent PR effect.

### Items Exhibited

You can test-drive ElecTrike, a triplet vehicle, to actually feel its short turning radius and carrying capacity.

## 005 Mitsubishi Fuso Truck and Bus Corp.

1-1-2 Kashimada, Saiwai-ku, Kawasaki, 212-0058, Japan  
TEL: 044-330-7700  
URL: <http://www.mitsubishi-fuso.com/jp/>



### Corporate Profile

With over 80 years of leadership in technological innovation and a market presence in more than 160 markets all around the globe, Mitsubishi Fuso has a long track record as one of the most innovative and prominent brands in the commercial vehicles industry. The motivation for all our pioneering efforts has always been your environment, economy and safety.

### Items Exhibited

The displayed vehicle is a special edition of the 2nd Generation E-CELL. Last year, the FUSO eCarter Concept Truck came out and was presented at the IAA Commercial Vehicles 2016. The eCarter is FUSO's answer to the need for urban delivery trucks of the future.

# Renewable energy



## 089 JASFA

4-10-2 Koriyama, Taihaku, Sendai, Miyagi, Japan, 982-0003  
TEL: 022-246-6421  
FAX: 022-249-7253  
E-MAIL: [info@jasfa.info](mailto:info@jasfa.info)  
URL: <http://jasfa.info/>



### Corporate Profile

This cooperation, Aiming to "safe and secure society," formed in a "sustainable", The "new energy" improvement of individual lives and business entity. With aggressively to apply the research intellectual property of industry, academia and government in order to be introduced into the community development, town development, The purpose of the use and promotion discovering of technology attained is promote the community, Perform the following activities.

### Items Exhibited

Exhibition of heat exchangers and panel display

## 025 DAIWA TECH co.,ltd.

3-12-25, Akahane, Okaya City, Nagano, 394-0002, Japan  
TEL: 0266-22-5231 FAX: 0266-22-7961  
E-MAIL: [info@daiwa-tech.co.jp](mailto:info@daiwa-tech.co.jp)  
URL: <http://www.daiwa-tech.co.jp>

### Corporate Profile

We provide a floor heating system based on geothermal storage, an epoch-making system that uses maximum use of geothermal heat, a renewable energy. We have developed this system based on the idea that the thermal demand for air conditioning represents a large percentage of energy demand and therefore it is important to more efficiently use renewable thermal energy. By using a thermal storage medium under the floor that keeps heat in it, we have achieved higher-level energy saving. We offer floor heating that entirely covers the entrance to the living room. By combining natural energy and a thermal storage medium, we have achieved an ideal heating system that is clean and has low running costs.

### Items Exhibited

We will present the mechanism of our floor heating system based on geothermal storage—a system that uses maximum use of geothermal heat, a renewable energy—and an air conditioning system based on geothermal heat.

## 022 ELIY Power Co., Ltd.

19th Floor, Shin-Osaki Kangyo Building, Osaki 1-6-4, Shinagawa-ku, Tokyo, 141-0032  
TEL: 03-6431-9044 FAX: 03-5740-6105  
URL: <http://www.eliypower.co.jp/>



### Corporate Profile

We domestically produce electric-power storage systems centering on the POWER iE6 HYBRID that has a storage capacity of 6.2 kWh and includes a large lithium-ion battery with the world's highest level of safety. By popularizing large lithium-ion batteries for electric power storage, we will contribute to efficient use of energy in Japan and the world.

### Items Exhibited

Using panels, we will show our system products.

## 017 Kawasaki New Energy Promotion Association

10th floor Kawasaki Frontier Building, 11-2, Ekimaehon-cho, Kawasaki City, Kanagawa, 210-0007, Japan  
TEL: 044-200-2313  
URL: <http://www.kawasaki-energy.net/>

### Corporate Profile

Kawasaki New Energy Promotion Association mainly consists of companies in Kawasaki City that, for example, sell and install photovoltaic facilities and storage batteries and construct eco-houses. We are making efforts to promote and popularize photovoltaic power generation in houses and offices, aiming to promote new energy industries.

### Items Exhibited

Solar panels, storage batteries, and so on.

## 019 NANOFUEL CO.,LTD.

1-19-4, Tonomachi, Kawasaki-ku, Kawasaki City, Kanagawa, 210-0821, Japan  
TEL: 044-270-1611 FAX: 044-270-1612  
URL: [WWW.nanofuel.co.jp](http://WWW.nanofuel.co.jp)

### Corporate Profile

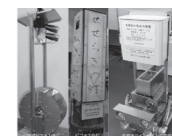
We own leading-edge technology that leads the world in the field of nanotechnology, which micronizes substances into the nanometer (a millionth of a millimeter) level. Using this technology in the environmental and energy fields, we have successfully developed a new, next-generation fuel. By achieving higher-level energy saving based on high combustion efficiency and thus substantially reducing emissions of hazardous exhaust, we will help improve the lives of people and develop society.

### Items Exhibited

We will have exhibitions centering on power generation based on liquid biomass, which is a promising renewable energy. With the objective of solving the problems associated with electric power generation based on incombustible vegetable oil, we will propose technologies and projects that use nanotechnology to achieve high power generation efficiency and environmental friendliness.

## 023 YAMADA-GIKEN Co.,Ltd.

2-5-12 Hanandouminami, Fukui, Fukui 918-8015 Japan  
TEL: 0776-36-0460  
FAX: 0776-36-0623  
E-MAIL: [info@yamada-giken.co.jp](mailto:info@yamada-giken.co.jp)  
URL: <http://www.yamada-giken.co.jp>



### Corporate Profile

Since the establishment of the company in 1987 as a one-man corporation, we have been making efforts with focus placed on compatibility between energy/resources saving and amenity associated with snow melting. We will totally consider resources and energy saving, new energies, and harmony with the natural environment in the fields of nature, environment, traffic, and life in general, and establish a system to create new needs. Will thus make efforts to enhance the individuals' skills and increase added values of products. To this end, we must continue to research and develop near-future technologies ahead of others. Fortunately, we have excellent human resources and hope that we can take a new step toward the next new decade.

### Items Exhibited

We will demonstrate the operating of a water-energy outdoor light (small hydroelectric generation) and exhibit a multi-purpose micro hydroelectric generator.

## 021 Kawasaki Biomass Electric Power Co., Ltd.

12-6, Ougimachi, Kawasaki-ku, Kawasaki City, Kanagawa, 210-0867, Japan  
TEL: 044-201-6775 FAX: 044-201-6776  
URL: <http://www.kawasaki-biomass.jp/>



### Corporate Profile

We deal biomass-burning power-generating equipment that uses woody biomass fuel instead of fossil fuels such as petroleum and coal. It is environmentally friendly power generating equipment that supplies CO2-free electricity. Kawasaki Biomass Electric Power is capable of producing the amount of electric energy that approximately 38,000 general households use in a year, which results in a reduction of approximately 120,000 tons of CO2 emissions per year. We operate an urban biomass power station equipped with environmental facilities such as exhaust gas desulfurizers and denitrifiers—environmental facilities that are not used in rural biomass power stations—to satisfy the strict environmental criteria defined by Kawasaki City.

### Items Exhibited

We will present urban, biomass-burning power-generating equipment that uses woody biomass fuel and equipment for transforming woody industrial wastes into fuel.

## 050 Kondo-kogei Inc.

710-13, Unane, Takatsu-ku, Kawasaki City, Kanagawa, 213-0031  
TEL: 044-820-1013  
E-MAIL: [drp@kondo-kogei.co.jp](mailto:drp@kondo-kogei.co.jp)

### Corporate Profile

We create power sources in places where no power source is available.  
1. We installed a power source in very cold land where temperature is supposed to drop down to -30°C.  
2. Our potable, collapsible, independent power source has allowed energy to be available in the field.  
3. We delivered our power sources to elementary and junior high schools in Yokohama City as emergency power sources to be stored in warehouses for disaster prevention and repaired delivered power sources.

### Items Exhibited

We will present actual examples of independent power sources, including independent emergency power sources and daily-use power sources, according to purposes. We will also explain about solar cells and storage batteries according to purposes. We also respond to repairing of products from other companies.

# Hydrogen energy



## 038 Iwatani Corporation

3-21-8, Nishishinbashi, Minami-ku, Tokyo, 105-8458, Japan  
TEL: 03-5405-7030

### Corporate Profile

We mainly conduct activities in the energy field with focus on LP gas and portable cassette cooking stoves, and the field of hydrogen and other industrial gases, in which we have been operating since the foundation. We are also expanding our business activities in many other fields—such as machinery, solvents, electronics, material, and food—derived from the above core fields. In particular, we are focusing on hydrogen, an ultimate environmentally-friendly energy that emits no carbon dioxide when it burns.

### Items Exhibited

Using panels, we will exhibit, as latest information about hydrogen use, the outlines of hydrogen stations and deployment of a hydrogen supply chain.

### 037 M and K technology Co.,Ltd

2-27-6 Bunsyuu Bld.7F, Myojincho, Hachioji-shi, Tokyo, 192-0046, Japan  
TEL: 042-649-2785 FAX: 042-649-2786  
E-MAIL: [info@mk-tech.co.jp](mailto:info@mk-tech.co.jp)  
URL: <http://www.mk-tech.co.jp>



#### Corporate Profile

We are a venture firm derived from Kanagawa Institute of Technology. Specializing in hydrogen technology, an achievement of the institute, we design and develop hydrogen generators and develop and manufacture hydrogen combustion equipment. Now, hydrogen receives attention in the fields of medical care, nursing, agriculture, and household products, and others. We provide hydrogen generators suitable for each purpose. We will help start a new hydrogen age by providing, at reasonable prices, domestically produced reliable hydrogen generators to businesses and people that consider trying to produce hydrogen or hydrogen water.

#### Items Exhibited

- Demonstration of a small hydrogen generator (aqpia)  
You can sample the hydrogen water based on the aqpia.
- Exhibition of a hydrogen generator that uses aseptic water  
In a place where a high-level of sanitation is required, aseptic water is used to generate hydrogen.
- Exhibition of a combustor for mixed gas of hydrogen and oxygen and a small hydrogen stove and presentation of research results and so on

### 032 SHOWA DENKO K.K Kawasaki Plant

5-1, Ougimachi, Kawasaki-ku, Kawasaki City, Kanagawa, 210-0867, Japan  
TEL: 044-322-6813 FAX: 044-355-8435  
URL: <http://www.sdk.co.jp/index.html>

#### Corporate Profile

We started our history by succeeding in producing ammonia and ammonium sulfate in 1931 for the first time in Japan according to the domestic production act (Tokyo Industrial Laboratory act). Now, we deal a wide range of products such as basic chemicals including caustic soda and sodium hypochlorite besides ammonia; industrial gases centering on nitrogen, hydrogen, and oxygen; high-purity gases (such as ammonia and chlorine) required to manufacture semiconductors, liquid crystals, and LEDs; special chemicals including food additives and cosmetic materials; and columns for high-speed chromatography, which is used to decompose and analyze chemical substances.

#### Items Exhibited

We will exhibit information about how to transform hydrogen from used plastic products into ammonia material. In addition, we will have an exhibition about the demonstration of the energy use technology that transports the hydrogen above to take advantage of pure-hydrogen fuel cells.

### 034 Toshiba Corporation

13th floor, Lazona Kawasaki Toshiba Building, 72-34, Horikawa-cho, Saiwai-ku, Kawasaki City, Kanagawa, 212-8585, Japan  
TEL: 044-331-7702 FAX: 044-548-9511  
URL: <https://www.toshiba-newenergy.com/>

#### Corporate Profile

We exhibit H2One®, a new one-stop energy supply system that covers all steps from production of hydrogen from regenerated energy to storage of the produced hydrogen and use of it in fuel cells. Both in normal times and in cases where anything happens, H2One® contributes to stable supply of energy based on regenerated hydrogen energy.

#### Items Exhibited

H2One mockup, appealing panels and banners

### 036 Kawasaki City, Environmental Protection Bureau Hydrogen-related project

Miyamoto-cho 1, Kawasaki-ku, Kawasaki City  
TEL: 044-200-2178 FAX: 044-200-3921  
E-MAIL: [30tisui@city.kawasaki.jp](mailto:30tisui@city.kawasaki.jp)  
URL: <http://www.city.kawasaki.jp/300/soshiki/7-2-0-0-0.html>



#### Corporate Profile

Toward a hydrogen society, Kawasaki City is making efforts to increase the use and awareness of hydrogen and fuel cells in society. As part of these activities, we are working on an enlightenment program based on fuel cell powered vehicles that runs on hydrogen. We hope you will see hydrogen-related technologies for automobiles, which are closely associated with civil life so that you will feel that the use of hydrogen is familiar.

#### Items Exhibited

We will exhibit a fuel cell powered vehicle introduced as an official vehicle for the city and present our efforts to promote the use of hydrogen.

### 047 Chiyoda Corporation

4-6-2, Minatomirai, Nishi-ku, Yokohama 220-8765, Japan  
TEL: 045-225-7777  
URL: <http://www.chiyoda-corp.com/>



#### Corporate Profile

Chiyoda Corporation is an integrated engineering company in the energy sector. Since its establishment in 1948, Chiyoda has designed and built oil refineries, chemical plants, LNG plants and other facilities in more than 40 countries around the world. We at Chiyoda are proud to have contributed to resolving energy and environmental issues based on our corporate philosophy of "Harmony between energy and the environment." Our latest challenge is to construct a hydrogen supply chain for stable mass storage and transport of hydrogen. We will assume the role of supporting the hydrogen supply infrastructure by using chemical tankers to transport hydrogen procured from resource countries and supply hydrogen to oil refineries, thermal power plants and other facilities.

#### Items Exhibited

We would like to introduce the SPERA Hydrogen® system. Chiyoda Corporation has demonstrated the technical feasibility of mass storage and transport of hydrogen at normal temperature and pressure. In 2013, Chiyoda signed a comprehensive agreement with the City of Kawasaki. Chiyoda will collaborate and cooperate with the City of Kawasaki to transport hydrogen from other countries to the Kawasaki coastal area in 2020.

### 035 Hitachi Automotive Systems Measurement, Ltd.

3-9-27, Tsurumichuo, Tsurumi-ku, Yokohama City, Kanagawa, 230-0051, Japan  
TEL: 045-504-7550 FAX: 045-504-7500  
URL: <http://www.hitachi-automotive-mm.com/>

#### Corporate Profile

As a company open to society, our mission is to contribute to society with products, construction work, and maintenance based on advanced technology, while always being fair, transparent, and taking on challenges with free creativity. Our goal is to have an irreplaceable role in contributing to the development of social economy, as well as for the growth of individuals. To achieve that, each and every one of our employees, from the top management down, will put our company values (5 items: customer first, social contribution, reliance, guarantee of safety, strict ethical standards) into practice, and act with a firm resolve to persistently act with a sense of responsibility that is flexible and innovative.

#### Items Exhibited

The hydrogen dispenser called NEORISE is equipped with our proprietary-developed Coriolis mass flowmeter that enables accurate and stable measurement of hydrogen gas. It can fully charge a vehicle (FCV) with 70MPa and -40°C hydrogen gas in about 3 minutes.

### 033 Mitsubishi Kakoki Kaisha, Ltd.

2-1 Ohkawa-cho, Kawasaki-ku, Kawasaki, Kanagawa,  
TEL: 044-333-5362 FAX: 044-366-6148  
URL: <http://www.kakoki.co.jp>

#### Corporate Profile

With the corporate philosophy of "contributing to development of society by providing high-quality products and equipment based on reliable technology rooted in craftsmanship and thorough quality control," Mitsubishi Kakoki satisfies needs in the new age as it keeps up its aggressive challenge in new business fields. We will continue to provide products, technology and services that satisfy all needs of our customers.

#### Items Exhibited

HyGeia series of small hydrogen generators, HyGeia-A (an onsite hydrogen producer for hydrogen stations), hydrogen station, and filling packages

### 040 IBS CO., LTD.

816-12, Kamimaruko-hachiman-cho, Nakahara-ku, Kawasaki City, Kanagawa, 211-0001, Japan  
TEL: 044-434-4489  
FAX: 044-433-8273  
E-MAIL: [info@we-ibs.com](mailto:info@we-ibs.com)  
URL: <http://www.we-ibs.com>



#### Corporate Profile

We'll provide you with introductions of the following :  
a hygiene management : getting rid of invisible stains such as bacteria and odors.  
• Vitreous coating : making bath room odorless.  
• Urethane coating : making wooden floor durable.  
• UV coating : replacing polishing wax.  
• Cleaning and maintenance : using alkaline electrolyzed water which doesn't contain any environmental pollutant.

#### Items Exhibited

We'll display the samples of each coating. We are also going to conduct demonstrations to show you the effectiveness of each type of coating. We would love to give advice on any problem you have about building maintenance.

### 104 Kawasaki City, Environmental Protection Bureau

Miyamoto-cho 1, Kawasaki-ku, Kawasaki City  
TEL: 044-200-2169 FAX: 044-200-3921  
URL: <http://www.city.kawasaki.jp/kurashi/category/29-4-0-0-0-0-0-0.html>



#### Corporate Profile

Environmental Protection Bureau of Kawasaki City is working on a project against global warming. We promote harmony between the environment and economy, aiming for a sustainable society. For example, we are conducting environmental measures that make use of the strength of Kawasaki, making international contributions based on our environmental technology, and making efforts to reduce CO<sub>2</sub> emissions through collaboration with a variety of entities.

#### Items Exhibited

We will present our efforts to combat global warming, workshops that aim to create innovation, and Low-CO<sub>2</sub> Kawasaki Brand project for certifying excellent environmental technologies and products in Kawasaki City.

## Contribution to the earth's environment



### 083 Kawasaki Eco-Tech

Kawasaki Frontier Building 10F, 11-2 Ekimae-honcho, Kawasaki-ku, Kawasaki-city, 210-0007  
TEL: 044-200-2313 FAX:  
E-MAIL: [28keisu@city.kawasaki.jp](mailto:28keisu@city.kawasaki.jp)  
URL: <http://www.city.kawasaki.jp/jigyuo/category/79-8-1-0-0-0-0-0.html>



#### Corporate Profile

We will introduce the newest information about the activities of companies involved with Kawasaki's environmental technology, as well as energy-producing, energy-saving facilities in Kawasaki City.

#### Items Exhibited

We will introduce the newest information about the activities of companies involved with Kawasaki's environmental technology, as well as energy-producing, energy-saving facilities in Kawasaki City.

### 010 Credit Guarantee Corporation of Kawasaki-Shi

1-66, Nishin-cho, Kawasaki-ku, Kawasaki City,  
Kanagawa, 210-0024, Japan  
TEL: 044-211-0503  
E-MAIL: [17\\_soumukikaku@cgk-kawasaki.or.jp](mailto:17_soumukikaku@cgk-kawasaki.or.jp)  
URL: <http://www.cgk-kawasaki.or.jp/>



#### Corporate Profile

Through credit guarantees, Credit Guarantee Corporation of Kawasaki-Shi has been making efforts for more than 60 years to facilitate financing for small- to medium-size businesses in Kawasaki City. We will continue to work closely with small- to medium-size businesses in Kawasaki City as an organization that "supports businesses in Kawasaki that will open the way to the future."

#### Items Exhibited

We will provide consultation and information about credit guarantees and so on.

Air, soil, and water environment business

Waste disposal/recycling business

Environmental solution

Energy-saving/energy management

Renewable energy

Hydrogen energy

Contribution to the earth's environment

Electric power generation/selling/trading business

Air, soil, and water environment business

Waste disposal/recycling business

Environmental solution

Energy-saving/energy management

Renewable energy

Hydrogen energy

Contribution to the earth's environment

Electric power generation/selling/trading business

## 084 Kawasaki Zero Emission Industrial Complex

Kawasaki Eco-Town Hall, 6-6 Mizuecho, Kawasaki-ku, Kawasaki-shi,  
TEL: 044-299-5374 FAX: 044-288-2777  
E-MAIL: ecotown@cc.wakwak.com

### Corporate Profile

We will introduce our efforts aimed at minimizing environmental load and recycling measures for the effective use of resources and energy at the "Kawasaki Zero Emission Industrial Complex" in the Kawasaki Eco-Town.

### Items Exhibited

We will have exhibition panels and brochures about the Kawasaki Zero Emission Industrial Complex.

## 076 SHINGOKIZAI

160, Ichinotsubo, Nakahara-ku, Kawasaki City, Kanagawa, 211-8675, Japan  
TEL: 044-411-2191 FAX: 044-422-1543

### Corporate Profile

Since the foundation, as a pioneer, we have been working toward a safe, secure society with consideration given to the safety of railways and roads.  
We provide total services for town planning, ranging from planning, proposal, and design to sale and construction.

### Items Exhibited

- Bonline Shell: Molten paint for road markings that makes effective use of scallop shells
- Solar motion picture sign (solar tsunami evacuation leading sign)

## 048 TOKYO GAS

6-1, Ogawa-cho, Kawasaki-ku, Kawasaki City, Kanagawa, 210-0023, Japan  
TEL: 044-211-7212  
FAX: 044-211-7138  
URL: <http://www.tokyo-gas.co.jp/>



### Corporate Profile

Since its founding in 1885, the TOKYO GAS group has been supporting good lives of its customers and society development for 130 years by supplying city gas to the metropolitan Tokyo area and its surrounding areas.  
In April 2016, we started electric power retailing by making use of our strength that has been long cultivated in the gas segment.  
As a total energy business group, we will continue to satisfy the needs of our customers through the stable supply of low-cost gas and electric power.

### Items Exhibited

We will present ENE FARM (a fuel-cell cogeneration system for home use), a bottled liquid checker, methane detector, SMART MULTI (the first industrial-use conditioning system based on combined use of gas and electricity), and so on.  
We will also provide consultation about electric power (please drop by our booth with your electric meter-reading slip).

# Environmental civil engineering/ architecture

## 080 Takara Protect Materials Co.Ltd.

2-19-17 Sugao, Miyamae-ku Kawasaki, Kanagawa 216-0015  
TEL: 044-976-0666

E-MAIL: [office@takara-youjyou.co.jp](mailto:office@takara-youjyou.co.jp)  
URL: [www.takara-youjyou.co.jp/](http://www.takara-youjyou.co.jp/)



### Corporate Profile

Takara Protect Materials specializes and handles protect materials for construction and the health care. The firm contribute to the local area as well as the construction industry while pursuing new material and new technology.

### Items Exhibited

"Titanium apatite" developed by joint research of the Tokyo University and the Fujitsu Research Institute, and our anti-virus application, "Appli-tech" are combined within our newly designed high tech soap, "Beauty of Esther", "Takara-Protect Soap" "Kawasaki-ryoku".



## 024 NIPPON KOEI CO., LTD.

1-14-6 Kudan-kita Chiyoda-ku Tokyo  
TEL: 03-5276-3930  
URL: <http://www.n-koei.co.jp>

### Corporate Profile

Nippon Koei is Japan's No.1 International Engineering Consultants. We have been providing consulting services for economic development projects in 156 countries all over the world, since 1946. Our project managers and engineers provide strong engineering solutions for our clients by planning, designing and supervising construction of infrastructure projects. Moreover, Nippon Koei is well-known worldwide for the quality of its consulting services in environmental field. We have been addressing energy-saving, climate change, environmental management and forest conservation to solve global environmental issues.

### Items Exhibited

Nippon Koei mainly exhibits the accomplishment of our consulting services to date and proposes the services that we will sincerely provide for you.

## 063 TOUYOUROZAI CO.,LTD.

12-1, Okawa-cho, Kawasaki-ku Kawasaki, Kanagawa, Japan  
TEL: 044-333-8444 FAX: 044-333-8445

E-MAIL: [touyorozaikankyoku@ac.auone-net.jp](mailto:touyorozaikankyoku@ac.auone-net.jp)  
URL: <http://www.touyourozai.jp>



### Corporate Profile

In 1961, we started as Toyo Rozai Kogyosho.  
Now, we have four divisions: Industrial Furnace division, which has established a consistent system covering all of design, construction, and maintenance phases to provide industrial furnaces indispensable for the manufacture in Japan based on reliable technology; Environmental Furnace division, which constructs incinerators that make harmful materials accompanied with combustion of combustible waste harmless based on the techniques cultivated through industrial furnace business toward social contribution; Environmental Material division, which makes use of recycling-oriented materials for effective use of resources and aims to create spaces with art with the motto of being friendly to people and the environment; Overseas division, which has a local office in Laos to import lumber and other materials.

### Items Exhibited

We will exhibit environmentally friendly products that we deal, such as an artificial-wood deck made of scrap wood and/or recycled resin and paving blocks that counter urban floods and other water environmental issues as well as photographs showing actual installations. Our overseas department will present our actual activities in Laos along with special products of Laos, such as textiles and paper products.

## 093 Nice Corporation

Nice Building, Tsurumi Chuo 4-33-1, Tsurumi Ward, Yokohama City  
TEL: 045-505-5714 FAX: 045-505-5724

E-MAIL: [osc@nice.co.jp](mailto:osc@nice.co.jp)  
URL: <http://www.nice.co.jp/>



### Corporate Profile

We provide products and services founded on a close interaction among our extensive range of information, know-how and technologies covering our two core businesses of building materials and housing to help our customers realize their dream homes. Our business roots are in the timber auction market, so we are very committed when it comes to wood. The keywords we adhere to in our wooden housing are "safety", "reliability" and "comfort". We emphasize harmony with the local community in our housing sales, and design, develop and supply housing from a local perspective.

### Items Exhibited

We will demonstrate assembly based on the power-build construction method, a simple method that only requires drive-in of drift pins without using bottles or nuts and therefore does not require high-level skills, allowing you to construct uniform, accurate structures in a short time. In addition, using panels, we will show temporary houses, small- to medium-size wooden buildings, and so on.

# Electric power generation/selling/ trading business

## 049 Kawasaki Natural Gas Power Generation Co.,Ltd.

12-1, Ougimachi, Kawasaki-ku, Kawasaki City, Kanagawa, 210-0867, Japan  
TEL: 044-366-8671 FAX: 044-366-8679  
URL: <http://www.kngg.co.jp>

### Corporate Profile

Based on combined-cycle power generation, which combines a steam turbine and a gas turbine that uses natural gas as the fuel, we have significantly increased the thermal efficiency compared with conventional systems, helping reduce CO2 emissions. We are continuously generating electric power safely and stably without experiencing many halts caused by problems.

### Items Exhibited

With a simulator based on 3-D technology, you can make a virtual observation tour in our power plant. We will also have three-choice questions for children so that they can learn the mechanism of combined cycle power generation in an enjoyable format.

## 043 UD, Inc

Kanagawa Science Park, WestWing, 300C, 3-2-1 Sakado, Takatsu-ku, Kawasaki City, Kanagawa Prefecture, 213-0012, Japan  
TEL: 044-813-1112 FAX: 044-813-1116

E-MAIL: [sano@useful-d.co.jp](mailto:sano@useful-d.co.jp)  
URL: <http://www.useful-d.co.jp>

### Corporate Profile

Our company presents new lifestyle suggestions based on "living environment" and products centered on "agriculture/soil environment" with the aim of encouraging more people to realize the excellent functions of MP antimicrobial diatomaceous earth. We also develop, manufacture and sell diverse products that use MP antimicrobial diatomaceous earth. We will continue to meet users' needs in Japan and abroad for new product development, test production, OEM supply, and other options.

### Items Exhibited

Antimicrobial wall cladding and finishing materials that use high-function antimicrobial diatomaceous earth and MP antimicrobial diatomaceous earth with excellent antimicrobial, antiviral, deodorizing and humidity conditioning functions that can be used for a range of purposes

# Urban development/ Smart cities



## 053 NEC Corporation

3-5, Minatomirai 2-chome, Nishi-ku, Yokohama  
TEL: 045-682-4511  
URL: <http://jpn.nec.com/>

Orchestrating a brighter world



### Corporate Profile

Orchestrating a brighter world  
As a firm for creating social values, NEC will make maximum use of ICT and harmonize with our customers and partners in the world to realize a brighter, more comfortable world according to the catch phrase "Orchestrating a brighter world."

### Items Exhibited

Among solutions for realizing smarter societies, we will present IoT solutions that allow for coexistence with the global environment and sustainable development based on effective use of limited resources.

- Smart cities based on the IoT
- Utilization of the big-data technology in the environmental segment.

## 041 KANAGAWA NEWSPAPER

Ginza Hatsuana Building, 7-13-21, Ginza, Chuo-ku, Tokyo, 104-0061, Japan  
TEL: 03-3544-2507 FAX: 03-3544-1231  
URL: <http://www.kanaloco.jp/>

### Corporate Profile

We are aiming for a community-based newspaper that is needed and loved by people in the prefecture. In addition to newspaper, we deliver a variety of information through Kanaroko, a news distribution service. In addition, we carry out cultural projects and events to enrich culture in Kanagawa Prefecture.

### Items Exhibited

We will distribute the newspaper of the day as a sample and perform public relations on Kanaroko, an electric version of newspaper.

## 028 Institute of Sustainable City Forum

Area Energy Management Center, Tokyo Square Garden 6F,  
3-1-1 Kyobashi, Chuo-ku, Tokyo 104-0031 Japan  
TEL: 03-5542-1680 FAX: 03-5542-1590  
E-MAIL: [ecomachi@ecomachi-forum.or.jp](mailto:ecomachi@ecomachi-forum.or.jp)  
URL: <http://www.ecomachi-forum.or.jp/>



### Corporate Profile

- We are conducting research and development activities together with partner organizations, specialists, administrative bodies, and municipalities to reduce carbon emissions in the areas of, for example, construction and urban planning, environment and energy, and economy and society.
- We give Eco-city Class and provide seminars, tours, and other events associated with reduction of carbon emissions and energy saving.
- We are entrusted to manage the Area Energy Management (AEM) Center to help save energy for small- to medium-size buildings in the area.

### Items Exhibited

We will present the activities of Institute of Sustainable City Forum.

## 077 Osmo and Edel Co., Ltd.

11th floor, Horai Building, 1-20-2, Nishishinjuku,  
Shinjuku-ku, Tokyo, 160-0023  
TEL: 03-6279-4972  
E-MAIL: [yabu@osmo-edel.jp](mailto:yabu@osmo-edel.jp)



### Corporate Profile

WAREMA external venetian blinds create an optimal lighting atmosphere at any time of day and allow perfect daylight utilisation. The individually adjustable slat angle ensures that rooms receive just the right amount of daylight while protecting against prying eyes. We are therefore able to provide flexible daylight utilisation for both maximum energy efficiency and a truly comfortable setting.

### Items Exhibited

WAREMA external Venetian Blind  
WAREMA climatronic system  
WAREMA WMS WebControl  
WAREMA Wind-stable external venetian blinds  
WAREMA Mobile system(Radio systems)  
WAREMA Reynolux EcoClean coating

## 075 FUJITSU GROUP

4-1-1, Kamikodanaka, Nakahara-ku, Kawasaki City, Kanagawa, 211-858, Japan  
TEL: 044-754-3411  
URL: [www.fujitsu.com](http://www.fujitsu.com)

### Corporate Profile

FUJITSU is a global ICT (information and communication technology) company based on technology. We provide products, services, and solutions in a wide range of areas with approximately 160 thousand employees supporting our customers in more than 100 countries in the world. Based on our experience and ICT, we are working together with our customers toward a prosperous future with dreams.

### Items Exhibited

We will present our projects aimed at realizing a smart city, including the "Kawasaki Application," which provides information on parenting and disaster prevention in a timely manner, and "Vegetable Factory," which allows for stable vegetable cultivation without being affected by weather conditions.

# Eco-products



## 039 NOF METAL COATINGS GROUP

3-3 Chidori-cho, Kawasaki-ku, Kawasaki City, 210-0865, JAPAN  
TEL: 044-280-3017 FAX: 044-280-3119  
E-MAIL: [sales-ap@nofmetalcoatings.com](mailto:sales-ap@nofmetalcoatings.com)  
URL: <http://www.nofmetalcoatings.com/asiapacific/jp/home.xhtml>

### Corporate Profile

Taking advantage of high technology, NOF METAL COATINGS has been developing high-corrosion-resistance finishing agents that give top priority to environmental preservation. The finishing agents developed by us are used in many fields such as automobile, electric equipment, construction, civil engineering, renewable energy, helping preserve the global environment. With an excellent global surface treatment network, we have established a complete system that provides surface treatment services of the same quality in any area of the world.

### Items Exhibited

Geomet® is an environmentally friendly rust inhibitor completely free of chrome, which exhibits an excellent corrosion resistance and can be applied to various metals. Forming a thin film of approximately 8 µm and providing excellent fitting, it is used in many fields such as the automobile, electric equipment, civil engineering, and renewable energy segments.

## 097 SANKO COMPANY LIMITED

4th floor, Ogawa Building, 2-6-1, Nishishinbashi, Minato-ku, Tokyo, 105-0003, Japan  
TEL: 03-3591-2131 FAX: 03-3591-5432  
E-MAIL: [eco2@kksanko.com](mailto:eco2@kksanko.com)  
URL: <http://www.kksanko.com>

### Corporate Profile

As a general trading company for automotive maintenance equipment, we operate across Japan based on our corporate philosophy of constantly providing products and services with considerations to the functionality, safety, cost efficiency, and improvement of the global environment in response to the needs of auto-related industries that support our motorized society.

We provide automotive maintenance systems in a timely manner using both domestically produced and imported items for front-line products in each field. Our wide selection of products for environmental maintenance equipment, lifts and drivetrain components are available in diverse models and accommodate the needs for use in different alignment, suspension and tire services.

### Items Exhibited

We would like to introduce the cold air fan, an item exhibited by our company. The fan uses water vaporization heat to lower indoor temperatures by about 5°C, and outdoor temperatures by about 10°C. The product's power consumption is smaller than that of spot coolers by 81%-85%. Please come and visit our booth where you can see our product demonstration.

## 099 AISHIMU IRYOUKI CO.,LTD.

4-12-11-146, Nishiogu, Arakawa-ku, Tokyo, 116-0011  
TEL: 03-5855-7318 FAX: 03-5855-7316  
URL: <http://www.icm-alpha duck.sakura.ne.jp>



### Corporate Profile

As a total sales company for medical devices and equipment, we entered the health care industry in 1985 and have been operating in this field. The aging society is fully in progress, where concern with and the necessity of preventive medicine are increasing. Under the circumstances, recognizing that health care is an important issue, we are doing our poor best to play our role as a firm involved in the health care industry.

### Items Exhibited

The α duck is a full-fledged medical device that allows you to choose low-frequency thermomassage, potential (minus-ion) therapy, or ion acupuncture according to your symptoms. It is recommended for people suffering from backache, shoulder stiffness, chronic constipation, insomnia, headache, peripheral nerve paralysis, or the like. It is also effectively used in rehabilitation in the social service field and curing occupational diseases in businesses.

## 062 CROWN PACKAGE

271, Koinaba, Isehara City, Kanagawa, 259-1122, Japan  
TEL: 0463-92-2111 FAX: 0463-92-0949

### Corporate Profile

We aim nothing but to harmonize society with the environment using corrugated cardboard material recycled based on rich natural blessings and excellent technology, aiming for a harmonious relationship. We are developing and producing high value-added products toward solving the waste issue, one of the environmental issues that must be promptly addressed. We will continue to develop packages friendly to people and the environment and exploit markets so that communities can contribute to society.

### Items Exhibited

With packages that contribute to society, we improve the protective performance and strength of products from many viewpoints. We can also use high-value-added materials to provide unique packages with original feeling. In addition, we consider proposing a variety of forms of materials and, in particular, new types of materials for the mail-order sales industry, recently.

## 066 UNION Co.,Ltd.

2-3 Idasugiyama-cho, Nakahara-ku, Kawasaki City  
Kanagawa 211-0036  
TEL: 044-755-1107  
FAX: 044-755-6711  
E-MAIL: [union@uni-project.co.jp](mailto:union@uni-project.co.jp)  
URL: <http://www.uni-project.co.jp/>



### Corporate Profile

We produce and sell products and material (UNI-PELE) made of antibacterial resin (bio-based polymer) from plant material.

According to requests from our customers, we make consistent arrangements from planning and design to manufacturing.

The UNI-PELE is sold at almost the same price as general resins but emits less toxic gas when it burns, i.e., emits 46.9% less CO2. It is also an antibacterial resin that prevents bacteria, such as E. coli and Staphylococcus aureus, from increasing.

### Items Exhibited

Presentation of UNI-PELE products and materials  
Antimicrobial resin containing bamboo powder, antimicrobial resin containing malt, antimicrobial resin containing shell ginger, and antimicrobial resin containing coffee powder

# Food and environmental business

## 078 Ajinomoto Co., Inc. Kawasaki Administration and Coordination Office

1-1, Suzuki-cho, Kawasaki-ku, Kawasaki-shi  
210-8680 Japan  
TEL: 044-222-1114 FAX: 044-245-1538  
URL: <http://www.ajinomoto.co.jp/>

Eat Well, Live Well.  
**AJINOMOTO.**

### Corporate Profile

Our mission is to contribute to the world's food and wellness, and to better lives for the future

### Items Exhibited

We have set out to discuss the initiatives of the Ajinomoto Group taking in ASV (The Ajinomoto Group Creating Shared Value)-which is the creation of economic value through the creation of social value-for realizing our goal of becoming a "Genuine Global Specialty Company."

## 007 Kanagawa Institute of Technology

1030 Shimo-ogino, Atsugi-shi, Kanagawa  
TEL: 046-291-3304 FAX: 046-291-3221  
E-MAIL: [liaison@kait.jp](mailto:liaison@kait.jp)  
URL: <http://www.kait.jp/>

### Corporate Profile

Located in Atsugi City, Kanagawa Prefecture, Kanagawa Institute of Technology has departments of technology, creative engineering, applied bioscience, information, and nursing science to foster specialists that can find and solve problems, which are required by society. Advanced Solar Energy Use Research Institute is researching and commercializing high-efficiency conversion of solar energy to electric power, effective use of weatherproof solar heat, storage and use of hydrogen, fuel cell systems, intermittent rechargeable route-bus systems, campus energy systems, and so on based on the element technology cultivated under the project of upgrading high-technology centers conducted by Ministry of Education, Culture, Sports, Science and Technology in 2007.

### Items Exhibited

We have developed a system that promptly and easily detects hotspots, one of the causes of solar battery failures and fires. It is capable of detecting abnormality in a solar battery on a cell-by-cell basis. It can be used to preclude defective panels to reduce the number of failures.

## 090 Kawasaki Environment Research Institute

3rd floor, Life Science & Environment Research Center (LiSE), 3-25-13, Tonomachi, Kawasaki-ku, Kawasaki City, Kanagawa, 210-0821, Japan  
TEL: 044-276-9001 FAX: 044-288-3156  
URL: <http://eri-kawasaki.jp/>

### Corporate Profile

Kawasaki Environment Research Institute was set up in the Life Science & Environmental Research Center. We are conducting comprehensive research on the environment in collaboration with the organization for the United Nations environmental program (UNEP), National Institute for Environmental Studies, Institute for Global Environmental Strategies (IGES), universities and other external research institutes, businesses in the city, and so on.

### Items Exhibited

We will present the joint environmental-technology study project among industry, government and academia involving a variety of entities as well as international contributions being made by the Environment Research Institute in the investigation, research, and environmental fields with the objective of ensuring safety and security for citizens.

# Industry-academia-government collaboration

## 002 Japan Science and Technology Agency

Gobancho 7, Chiyoda-ku, Tokyo, 102-0076, Japan  
TEL: 03-5214-7519  
E-MAIL: [consul@jst.go.jp](mailto:consul@jst.go.jp)  
URL: <http://www.jst.go.jp/it/>

国立研究開発法人  
**JST** 科学技術振興機構  
Japan Science and Technology Agency

### Corporate Profile

Japan Science and Technology Agency supports cooperation between industrial enterprises and universities while working on new projects, such as support for development costs according to the phase of research and development activities and programs that aim for further use of intellectual properties of universities, with the objective of leading excellent research results of universities and public research institutes to new industries and societies.

### Items Exhibited

We will present the technology transfer support program (A-STEP) that aims for commercialization of technologies in the research and development phase based on research achievements (from research and development seeds) and exhibit business achievements through this program.

## 103 International Economic Affairs Office, Economic and Labor Affairs Bureau, Kawasaki City

Kawasaki Frontier bldg 10th floor, 11-2 Ekimae-honcho, Kawasaki-ku, Kawasaki city, Kanagawa, Japan  
TEL: 044-200-2335 FAX: 044-200-3920  
URL: <http://www.city.kawasaki.jp/jigyou/category/79-8-1-3-0-0-0-0-0-0.html>



### Corporate Profile

The coastal area of Kawasaki City has been playing a leading role in developing the industry in Japan. In recent years, its new attractiveness—night view of an industrial zone consisting of factories and bayside facilities—receives attention as a tourist resource. The area also plays an important role as a base for supplying a variety of energies. We will present the current situation of the coastal area.

### Items Exhibited

In collaboration with the Committee for synergy in Keihin industrial complex, NPO Liaison Center, we will present, for example, our efforts to enhance the competitiveness and reduce the environmental load based on collaboration among businesses in the coastal area.

## 013 INSTITUTE of INDUSTRY PROMOTION-KAWASAKI

Institute of Industrial Promotion Kawasaki Building, 66-20, Horikawa-cho, Saiwai-ku, Kawasaki City, Kanagawa, 212-8585, Japan  
TEL: 044-548-4119 FAX: 044-548-4110  
E-MAIL: [info@kawasaki-net.ne.jp](mailto:info@kawasaki-net.ne.jp)  
URL: <http://www.kawasaki-net.ne.jp>

### Corporate Profile

INSTITUTE of INDUSTRY PROMOTION-KAWASAKI is helping energizing local economy by, for example, computerizing small- and medium-size businesses, supporting intercommunion among businesses, and providing technical and management information.

### Items Exhibited

Support for businesses addressing challenges (Kawasaki Entrepreneur Audition and Support for overseas deployment)  
Assistance for networking (collaboration of industry, academia, and government)  
Development of human resources who will lead the future (e.g., Kawasaki Robot Competition)

## 012 Kanagawa Prefectural Council for Promoting Business and Industrial Establishment

1, Nihonodori, Naka-ku, Yokohama City, Kanagawa, 231-8588, Japan  
TEL: 045-210-5574 FAX: 045-210-8875  
E-MAIL: [k-yuchi@pref.kanagawa.jp](mailto:k-yuchi@pref.kanagawa.jp)  
URL: <http://www.k-yuchi.jp/>



### Corporate Profile

Kanagawa Prefectural Council for Promoting Business and Industrial Establishment was established in 1994 with the objective of allowing the prefecture and cities and towns, and related organizations in the prefecture to cooperate with one another in promoting attraction of enterprises. Now consisting of 25 organizations, the council provides information about local industrial projects, exhibit at shows, and work on public relations.

### Items Exhibited

We will provide information about subsidy and financing systems available to businesses located in Kanagawa Prefecture. We will also present industrial parks and sites for laboratories and training institutes, for example, sold or developed as part of local industrial projects by public organizations.

## 042 kanagawa institute of invention and innovation

Kanagawa Industrial Promotion Center Building, Onoe-cho, Naka-ku, Yokohama City, Kanagawa, 231-0015, Japan  
TEL: 045-633-5055 FAX: 045-633-5054  
E-MAIL: [kiii14@triton.ocn.ne.jp](mailto:kiii14@triton.ocn.ne.jp)  
URL: [k-hatsumei.jp.org](http://k-hatsumei.jp.org)

### Corporate Profile

As a group of experts familiar with practical operations related to patents and others, we provide consultation for you.

### Items Exhibited

Setting up a contact point for providing total support about intellectual properties to small- to medium-size businesses

## 015 the kawasaki chamber of commerce and industry

kawasakifrontier building 3rd floor 11-2 ekimae-honcho kawasaki-ku kawasaki-city kanagawa-pre.210-0007 japan  
TEL: 044-211-4114 FAX: 044-211-4118  
E-MAIL: [sodan@kawasaki-cci.or.jp](mailto:sodan@kawasaki-cci.or.jp)  
URL: <http://www.kawasaki-cci.or.jp>

### Corporate Profile

We are a general local economic organization, which conducts activities based on the Chamber of Commerce and Industry Act for the advancement and promotion of merchants and traders in the city. As a private, membership-based organization, we collect the opinions of our members and promote projects to develop the local economy and communities.

### Items Exhibited

Support for international projects, specialty counseling, business gathering, order placing/receiving business fairs, and Techno Plaza project

## 014 THE KAWASAKI SHINKIN BANK

2-11-1, Isago, Kawasaki-ku, Kawasaki City, Kanagawa, 210-0006, Japan  
TEL: 044-220-2456 FAX: 044-222-7694  
E-MAIL: [k-support@kawashin.co.jp](mailto:k-support@kawashin.co.jp)  
URL: <http://www.kawashin.co.jp>



### Corporate Profile

KAWASAKI SHINKIN BANK has a management support center to solve business challenges faced by local businesses. We provide management information about foundation, involvement in new fields of business, development of new products, market expansion, business succession, M&A, overseas deployment, and so on, and dispatch experts in collaboration with organizations that support local small- to medium-size businesses to provide consultation.

### Items Exhibited

Activities of the KAWASAKI SHINKIN BANK related to management consultation and contribution to communities



## 108 Environmental Restoration and Conservation Agency

8th floor, Muza Kawasaki Central Tower, 1310, Omiya-cho, Saiwai-ku, Kawasaki City, Kanagawa, 212-8554, Japan  
TEL: 044-520-9501 FAX: 044-520-2131  
E-MAIL: [erca@erca.go.jp](mailto:erca@erca.go.jp)  
URL: <http://www.erca.go.jp>

### Corporate Profile

As an organization that implements environment-related measures, Environmental Restoration and Conservation Agency aims to play a role in conducting real environmental measures by trying to create an excellent environment and preserve it and meeting various requests from home and abroad associated with environmental issues that must be globally addressed by making use of our capabilities and knowledge.

### Items Exhibited

We will exhibit explanatory materials and hand out booklets about our projects, such as the "Global Environmental Fund," "Relief of Health Damage due to Asbestos," and "Operations Associated with Costs for Comprehensively Promoting Environmental Studies," under which research and development as well as other programs are conducted.

## 006 Keio University Shin-Kawasaki k2 Town Campus

7-1 Shin-Kawasaki, Saiwai-ku, Kawasaki-shi, Kanagawa  
TEL: 044-580-1580 FAX: 044-580-1570  
E-MAIL: [k2-tc@adst.keio.ac.jp](mailto:k2-tc@adst.keio.ac.jp)  
URL: <http://www.k2.keio.ac.jp/>



### Corporate Profile

Keio University Shin-Kawasaki k2 Town Campus (next-generation nanotechnology thin-film project) aims to develop a functional thin-film coating technology with the objective of applying it to a wide range of products such as food packaging materials, electronic components, medical devices, consumer products, and building materials. Based on our proprietary wet-process nano-coating technology, we produce functional thin films by controlling the microstructures of thin films. In particular, by making use of biomimetics (bio-mimicry), we have commercialized non-stick coating technology based on natural-world phenomena found in lotus leaves and so on.

### Items Exhibited

We will use the wet process and nano-coating to achieve clean surfaces where nothing adheres, super water-repellent surfaces, and high oil-repellent surfaces. We will verify the effectiveness of the soil resistance, rust prevention, antibacterial resistance, and energy saving. The technology is expected to be used in a wide range of areas such as housing, building material, electronic component, automobiles, railway, vessels, plants, food packaging, clothing, daily products, and energy saving.

## 011 The Institute of Information Science, Senshu University

2-1-1 Higashimita, Tama-ku, Kawasaki 214-8580, JAPAN  
TEL: 044-911-1238 FAX: 044-911-1238  
E-MAIL: [off1018@isc.senshu-u.ac.jp](mailto:off1018@isc.senshu-u.ac.jp)  
URL: <http://senshu-iis.jp/>

### Corporate Profile

With the philosophy of development of social intellects, we are researching education together with businesses in Kawasaki City based on collaboration of industry, academia, and government.  
The laboratory was certified as a Kawasaki-city environmental shop-window model project and received, for example, a grand (encouragement) prize (energy saving contribution prize) in the 2nd smart life competition in Kawasaki City.

### Items Exhibited

- (1) Development, popularization, and standardization of voice message identification code for text-to-speech reading devices to improve the information environment for senior citizens and visually handicapped people, and accessibility to TV sets
- (2) Hybrid energy saving technology based on the combined use of human power generation and photovoltaic power generation

## 096 Tokyo University of Pharmacy and Life Sciences

1432-1 Horinouchi, Hachioji, Tokyo 192-0392 Japan  
TEL: 042-676-5111 FAX: 042-676-6721  
URL: [www.toyaku.ac.jp](http://www.toyaku.ac.jp)

### Corporate Profile

Photosynthesis occurs in various organisms including plants, algae, cyanobacteria, and photosynthesis bacteria. Microalgae and cyanobacteria, which perform oxygenic photosynthesis and show a variety of taxa and species in evolution, can be used as microbes for research with light irradiation. Then, we have been investigating the mechanisms of photosynthesis in these photosynthesis microbes. Recently we have begun to develop a mass culture system of the organisms for an industrial scale.

### Items Exhibited

We are proceeding to construct a carbon circulation in a social system using photosynthesis microorganisms, for the purpose of reducing atmospheric CO<sub>2</sub>, one of the possible main factors of global warming. Solid-surface continuous culture (SSCC) system consists of a 1m<sup>3</sup> unit, and piling up the units would enhance the biomass productivity dramatically in a certain installation floor area.

## 101 Committee for synergy in Keihin industrial complex

1, Nihon-odori, Naka-ku, Yokohama City, Kanagawa  
TEL: 045-210-3255 FAX: 045-210-8837  
URL: <http://www.pref.kanagawa.jp/cnt/f12100/>

### Corporate Profile

Business efficiency improvement and energy saving at the Keihin industrial complex have been already addressed by individual businesses. Under the circumstances, further efforts require collaboration among businesses and across industries. The committee consists of 14 businesses and other organizations from a variety of industries such as oil refining, petrochemical, steel, chemical, cement, electric power, and gas. With the goal of constructing Keihin smart complex, we work toward building a complex that achieves an excellent harmony and virtuous cycle between industrial activities and the environment and informs the world of a production mode with a low environmental load.

### Items Exhibited

With the objective of harmonizing the industry with the environment and disseminating production models with a small environmental load, we will present concrete considerations addressed based on collaboration of businesses, such as effective use of by-products and unused energy discussed by the review meeting members consisting of businesses in a variety of industries such as oil refining, petrochemical, and steel.

## 055 Center for Global Communications, International University of Japan

2nd floor, Parks Ropongi Building, 6-15-21, Ropongi, Minato-ku, Tokyo, 106-0032, Japan  
TEL: 03-5411-6677  
URL: [http://www.glocom.ac.jp/project/kawasaki\\_time\\_machine/](http://www.glocom.ac.jp/project/kawasaki_time_machine/)

### Corporate Profile

The Center for Global Communications (GLOCOM) was established as an affiliated research institute of the International University of Japan in 1991. Main activities are commissioned research, joint research, research seminars, member projects, etc..

### Items Exhibited

We will showcase the achievements of the joint research with Kawasaki Environment Research Institute. The main theme is how to utilize environmental data and photos for vitalization of communities.

## 051 Japan voice mental research association

3-20-4-201 jukkenzaka chigasaki-si kanagawa-ken japan  
TEL: 0467-82-2729  
E-MAIL: [amanone.yui@gmail.com](mailto:amanone.yui@gmail.com)  
URL: <http://koeshindan.jp>

### Corporate Profile

We have developed voice diagnostic equipment that visualizes what people think or feel by converting human voice frequencies into numbers based on data on 10,000 people collected during counselling in 12 years (Patent No. 6029223). This equipment visualizes your emotion by analyzing voice for 10 seconds, which we position as a radiograph for emotions. It is introduced in staff training and other applications as a leading-edge stress management tool that lets you know not only what gives you stress but also how you can reduce it. In the future, we will work together with universities toward making it useful for mental care including prevention of dementia, depression, and other mental disorders.

### Items Exhibited

Experience of voice diagnosis based on voice diagnostic equipment  
You can know your tendency from your voice frequencies to learn how to take advantage of your ability.  
You can learn how you can manage your stress.  
The equipment also lets you know prescriptions for daily living practices necessary for you, which will be useful for your daily life.

## 003 kanto Branch of Japan Patent Attorneys Association

3-4-2 Kasumigaseki, Chiyoda-ku, Tokyo, Japan 100-0013  
TEL: 03-3519-2751 FAX: 03-3581-7420  
URL: <http://www.jpaa-kanto.jp/>

### Corporate Profile

Japan Patent Attorneys Association is the sole corporation established based on the Patent Attorneys Act for patent attorneys in 1922. To become a patent attorney, you must be registered with the Japan Patent Attorneys Association. This means that all patent attorneys are members of the association. The Kanto Branch of Japan Patent Attorneys Association is a local organization of Japan Patent Attorneys Association. Covering the Kanto area (Tokyo and seven prefectures), it conducts a variety of activities such as workshops for training and improving the skills of members and popularization of and support for the intellectual property right system.

### Items Exhibited

Patent attorneys will provide free consultation about application procedures for patents, industrial new designs, designs, trademarks, and associated problems. You can also consult them about problems associated with intellectual property rights not only in Japan but also abroad. In addition, we will provide a booklet and the like that clearly explains about intellectual property rights

## 008 Tokyo City University

3-3-1, Ushikubonishi, Tsuzuki-ku, Yokohama City, Kanagawa, 224-8551, Japan  
TEL: 045-910-2592

### Corporate Profile

A research project at our university in 2016 considers versatile approaches to realizing low-carbon communities along with a road map for it and the methodology for environmental measures and role sharing toward creating low-carbon towns in the existing urban areas. Specifically, we are (1) developing a road map for creating low-carbon towns in existing communities, (2) identifying the structure required for popularizing and promoting low-carbon lifestyle in communities and proposing a method for popularizing it, (3) demonstrating and investigating the vacant-land utilization project and verifying the effectiveness of it, and (4) implementing an shopping-street eco point project and verifying the effectiveness of it.

### Items Exhibited

● Efforts to popularize ecological lifestyles in communities ● Effectiveness of and challenges associated with the introduction of a shopping street eco-point system ● Road map to planning of environmentally friendly towns in existing urban areas ● Sense of participation of the shopping street communities and people around them in environmentally friendly activities ● Actual use in shopping streets and ecological effects of going out ● Studies toward low-carbon and -material city blocks

## 102 Liaison Center for Creation of Industry and Environment

12th floor, Kawasakishi Sangyo Shinko Kaikan, 66-20, Horikawa-cho, Saiwai-ku, Kawasaki City, Kanagawa, 212-0013, Japan  
TEL: 044-522-5455 FAX: 044-522-5455  
E-MAIL: [npo\\_lcie@helen.ocn.ne.jp](mailto:npo_lcie@helen.ocn.ne.jp)  
URL: <http://www.lcie-npo.jp/>

### Corporate Profile

Liaison Center for Creation of Industry and Environment was established in August 2004 by 13 interested organizations such as firms located in the coastal area of Kawasaki City. It is promoting activities mainly in the Keihin coastal area, aiming to help energize industries and solve environmental and energy problems by making use of its platform for collaboration of industry, academia and government and collision with citizens.

### Items Exhibited

Using panels, we will show our activities and hand booklets. Also, we will give out eco bags to people who have answered our quiz or questionnaire on the Kawasaki coastal area.

## 057 Miyazaki Enterprise Promotion Organization

16500-2, Sadowara-cho Higashikaminaka, Miyazaki City, Miyazaki, 880-0303, Japan  
TEL: 0985-74-3850 FAX: 0985-74-3950  
E-MAIL: [info-21@i-port.or.jp](mailto:info-21@i-port.or.jp)  
URL: <http://www.i-port.or.jp/>

### Corporate Profile

We will present environmental recycling projects being conducted by small- and mid-size businesses in Miyazaki Prefecture.

### Items Exhibited

Public relations of our environmental recycling project

## 059 Yoshitama Surface Finishing Co.,Ltd

39-24, Odakemachi, Nobeoka City, Miyazaki, 882-0024, Japan  
TEL: 0982-33-1251 FAX: 0982-33-2244  
E-MAIL: [kazu-yoshitama@yoshitama.co.jp](mailto:kazu-yoshitama@yoshitama.co.jp)  
URL: <http://www.yoshitama.co.jp/>

### Corporate Profile

1. Electroplating: precision chrome, industrial chrome, gold, silver, copper, tin, zinc, lead-free solder, nickel, and so on
  2. Electroless plating: Gold, copper, nickel, and so on
  3. Others: etching processes, sand finishing, anodized aluminum, electropolishing, buffing, and so on
- Besides these, we are working on a telecommunications project (au shop Tataru) and environmental projects.

### Items Exhibited

Products that have undergone electroplating or electroless plating, nonwoven fabrics that have undergone special plating, tin sludge collected from water used for washing tin-plated products, and so on

## 058 Wako Concrete Co., LTD

1537-1, Togocho Yamagehei, Hyuga City, Miyazaki, 883-0102, Japan  
TEL: 0982-69-2216 FAX: 0982-69-2554

E-MAIL: [info@wakocon.co.jp](mailto:info@wakocon.co.jp)  
URL: <http://www.wakocon.co.jp/>

### Corporate Profile

As a maker of precast-concrete products, we operate mainly in Miyazaki Prefecture.

We manufacture strong, durable precast-concrete products using fly ash for concrete manufactured in Miyazaki Prefecture. We also develop special products such as wooden guard fences for train cars (Wood Gr.) and precast L-shaped retainer walls integrated with a guard fence base (Gr/L-shaped retainer walls).

### Items Exhibited

We will exhibit samples of products made of precast concrete that contains fly ashes.

# International

## 106 Kawasaki Pathunthani Industrial Park -KPIP-

98-100 moo 13 Klongnueng, Klongluang, Pathumthani 12120, Thailand  
TEL: 66-2909-2223 FAX: 66-2529-3624

### Corporate Profile

As the company responsible for managing and operating the Chumnumsap Industrial Park, located in a suburb of Bangkok City, Thailand, Pathunthani Industrial Promotion (partner of Kawasaki City) manages and operates the Kawasaki Pathunthani Industrial Park.

### Items Exhibited

Summary of the Kawasaki Pathumtani Industrial Park (KPIP)

## 095 China Yancheng Environmental Protection Science and Technology City

888 Yingbin Ave Yancheng Jiangsu Peoples Republic of China  
TEL: 86-515-88116878

URL: <http://www.ycepip.com>

### Corporate Profile

Since the establishment in 2009, based on our development goal of "international advancement, 1st class in the nation", we have instituted a "1 core, 2 axes, 6 district" distribution of space and are focusing on flue gas countermeasures, water treatment, comprehensive use of solid waste, and new materials—all areas in which the park excels. In addition, we've set the "environmental conservation industry" as a cornerstone and are putting effort into our core of "engineering innovation", as well as setting the "fusing together industry and the industrial park" as a pillar, while accelerating the progress of "opening up to the world" and promoting the improvement of service ability and the establishment of an innovation system.

### Items Exhibited

We will display panels and distribute pamphlets introducing the China Yancheng Environmental Protection Science and Technology City.

## 109 Trade and Investment Queensland

15th floor, Shiroyama Trust Tower, 4-3-1, Toranomon, Minato-ku, Tokyo, 105-6015  
TEL: 03-6841-0595

### Corporate Profile

Queensland State, Australia concluded an agreement on economic exchanges with Kawasaki City in 2011. The state is rich in natural resources. With an area five times larger than that of Japan, we are interested in and understand the importance of sustainable development that takes advantage of innovative environmental technology toward achieving the goal of increasing the percentage of regenerated energy to 50% by 2030. We enticed knowledge-intensive industries, which triggered a rapid increase in population. As a promising state, we take part in the show with the objective of presenting investment opportunities in a wide range of fields in our state and matching local businesses and Japanese businesses.

### Items Exhibited

Materials and posters that present the industries and opportunities of investment in resources energy segment and other fields in Queensland State.

## 045 Daegu-Gyeongbuk Free Economic Zone Authority

DTC 5F, 489 PalGong-ro, Dong-gu, Daegu, Korea  
TEL: +82-53-550-1964 FAX: +82-53-550-1918

URL: <http://www.dgfez.go.kr/jpn/>

### Corporate Profile

Created in 2008, the Daegu-Gyeongbuk Free Economic Zone Authority is a special government agency that offers customized facilities and space (manufacturing, R&D, logistics) for companies operating in the Korea and Asia-Pacific market. DGFEZ also provides financial incentives and relaxed government regulations for global companies. The Daegu-Gyeongbuk Free Economic Zone has 8 sites located in the heart of 3 major manufacturing and R&D clusters (Transportation, Green Energy, IT/Electronics). Companies are provided with the opportunity to work in a high-quality living and working environment while maximizing synergies with knowledge-based services and manufacturing companies.

### Items Exhibited

We will introduce an overview of the Daegu-Gyeongbuk Free Economic Zone (DGFEZ) that is an institution of the South Korean regional government. We will also exhibit information and documents about the merits and various kinds of incentives of the DGFEZ helpful for the new world strategies of Japanese companies in the Kanagawa area for South Korea by introducing examples of Japanese companies established in the region.

## 094 ASIANTONG DAI(QINGDAO) RAILWAY EQUIPMENTS CO.,LTD.

No. 307 Kehui Road, High-tech Zone, Qingdao  
TEL: 86-186-78455768 FAX: 86-532-55679893

URL: <http://www.asiantongdai.com>

### Corporate Profile

As a total leading-edge technology company, ASIANTONG DAI(QINGDAO) RAILWAY EQUIPMENTS CO., LTD. operates a line of business that includes product development, manufacture, supply and sales. Its product lineup mainly consists of drainage systems, toilet systems, backup power supply systems, disk brake linings for high-speed railroad EMUs, and other railroad components. Based on technologies for high-speed railroads, we take advantage of our ability to command high standards and quality to aggressively explore the fields of energy saving and environmental preservation associated with consumer products. In exploiting new fields, we develop applications of pump-based vacuum toilet systems and environmentally-friendly, energy-saving sewage treatment systems. We apply our technologies in the area of buildings, mobile toilet systems, mobile bath and toilet systems, and so on.

### Items Exhibited

- ① Vacuum Pump Sanitary System
- ② Environmental Energy Saving Sewage Treatment System

## 094 Qingdao HongYi Industrial Co., Ltd.

North of Dougou country, Jiaoxi Town, Jiaozhou Qingdao City  
TEL: 86-139-53287329 FAX: 86-532-83289969

URL: <http://mtw325595.chinappp.com/>

### Corporate Profile

Qingdao HongYi Industrial Co., Ltd. was established in 2011 in Qingdao as a business that develops and produces aluminum products and incombustible fabric. Our product lineup includes security doors and windows made of aluminum alloy and aluminum-alloy grills as well as sound-absorbing cloth, fiber for furniture, and incombustible fabric. Our products were/are exported to the U.S.A., Russia, Malaysia, Australia, and Singapore.

### Items Exhibited

Flame retardant fabric, Flame retardant wall blanket, fabric panels, polyester fiber board

## 046 BUCHEON Export Enterprises Association

194-8, Dodang-dong, Wonmi-gu, Bucheon-si, Gyeonggi-do, Republic of Korea  
TEL: 32-623-5244

E-MAIL: [jihy0816@naver.com](mailto:jihy0816@naver.com)  
URL: <http://beea.or.kr/>



### Corporate Profile

Our association plays a central role in a mutual cooperation network engaged in exchanging information as well as mentors and mentees among SMEs in the exports business in the Bucheon Region. We were formed to strengthen member companies' competitive edge in the area of exports by executing our role of the centripetal entity for a mutually collaborative domestic and international network.

- [Main business activities]
- Conducting information exchange through the collection and dissemination of technology information pertaining to the exports industry
  - Promoting projects aimed at expanding export volume and developing new markets
  - Making proposals and filings related to policy aimed at developing industries involved in exports in the City of Bucheon and more.
  - Facilitating business among members, including technology joint development projects, and joint research projects.

### Items Exhibited

Introduction of the association and information about Bucheon industry infrastructure

## 110 KASIKORNBANK

16 Floor, 400/22 Phahon Yothin, Bangkok 10400  
TEL: 662-470-2606

URL: <http://www.kasikornbank.com/EN/Pages/Default.aspx>

### Corporate Profile

We aim to be a strong financial institution in Thailand that addresses diversified needs of its customers and provides the world's highest-level financial services while harmonizing the latest technologies and human resources.

### Items Exhibited

Consultation about inroads to Thai market

## 094 Qingdao Overseas Investment Service Center

No. 1, Fuzhou North Road, Qingdao,  
TEL: 86-532-81978616 FAX: 86-532-83096626

URL: <http://www.qdis.gov.cn>

### Corporate Profile

Overseas Investment Service Center is a specialized investment promotion organization, which was established in 1988 by the Qingdao government as a public sub-bureau organization belonging to the Commerce Bureau. For 20 years, the center has played an important role in enticing foreign businesses and providing services to investing firms in Qingdao. Now, we provide public services such as services associated with foreign business enticement, trade promotion, investment promotion, trade shows and business fairs, and foreign investing firms.

### Items Exhibited

Overseas Investment Service Center is a specialized investment promotion organization, which was established in 1988 by the Qingdao government. We provide public services such as services associated with foreign business enticement, trade promotion, investment promotion, trade shows and business fairs, and foreign investing firms.

## 094 Qingdao Metal Recycling Office

No. 1, Fuzhou North Road, Qingdao,  
TEL: 86-532-81978616 FAX: 86-532-83096626

### Corporate Profile

We provide management services for waste metal, vehicle scrap, and the overall use of renewable resources. Waste metal management, vehicle scrap refurbishment management, and overall use of renewable resources.

### Items Exhibited

Company introduction

**094 QINGDAO BOSS FLAME RETARDANT TEXTILE MATERIALS CO.,LTD**

No.1 BossRoad Jiaoxi Industrial Park Jiaoxi Town Jiaozhou City Qingdao  
TEL: 86-133-61209339 FAX: 86-532-87267903  
URL: <http://www.qd-boss.com>

**Corporate Profile**

QINGDAO BOSS FLAME RETARDANT TEXTILE MATERIALS CO., LTD deals in and produces sound-absorbing cloth, fabric for furniture, and fabric for vehicles, and, in particular, is highly rated for its incombustible fabric. Our products are widely used in seats and interior decorations in movie theaters, concert halls, auditoriums, hotels, and other facilities. We custom-manufactured fabric for seats in Bird's Nest and Water Cube for the Beijing Olympic Games. Now, our products are used for brands of well-known domestic businesses including FAW-Volkswagen, Shuakang, Ri'chan (Nissan), Dafeng, and Yongle. Our incombustible sound-absorbing fabric was used by popular movie theaters in China including Beijing New Shadow Alliance, Beijing Beautiful Star Theater, Wonder Theater for Chinese Movies, Oscar Henan, and Shandong New Century. Our products were/are exported to the U.S.A., Russia, Malaysia, Australia, and Singapore.

**Items Exhibited**

flame-retardant sound-absorbent soft roll wrapper, flame-retardant sound-absorbent tapestry, Cloth Sound-Absorbent Board (Cloth Acoustic Panel), Polyester Fiber Sound Absorbent Decorative Board, Fiberglass ceiling board

**105 Hong Kong Trade Development Council**

6F, Trusty Kojimachi Bldg., 3-4 Kojimachi, Chiyoda-ku, Tokyo 102-0083  
TEL: 03-5210-5850  
FAX: 03-5210-5860  
E-MAIL: [tokyo.office@hktdc.org](mailto:tokyo.office@hktdc.org)  
URL: <http://japan.hktdc.com/>



**Corporate Profile**

Established in 1966, the Hong Kong Trade Development Council (HKTDC) is a statutory body dedicated to promoting Hong Kong trade. Its mission is to explore opportunities for Hong Kong companies, especially small and medium-sized enterprises (SMEs), and connect them with business partners around the world.

**Items Exhibited**

Eco Expo Asia - International Trade Fair on Environmental Protection

**107 Royal Danish Embassy**

29-6 Sarugaku-cho, Shibuya-ku, Tokyo, 150-0033, Japan  
TEL: 03-3496-3001  
E-MAIL: [tyoamb@um.dk](mailto:tyoamb@um.dk)  
URL: <http://www.japan.um.dk>

**Corporate Profile**

Royal Danish Embassy is the diplomatic mission abroad of the Ministry of Foreign Affairs of Denmark, which is mainly positioned as a strategic base for enhancing economic partnership. The commercial department supports export by Danish businesses and promotes globalization and innovation of them. The investment department provides Japanese and other foreign businesses with investment support based on strategic advice. Through complementary advanced technology of Japan and Denmark, we are conducting daily activities to form new philosophy about values according to growth strategy based on innovations such as smart cities, big data, home care robots, biotechnology, and social system design. We believe that collaboration between Japan and Denmark will allow for development of solutions to challenges the world will face in the 21st century.

**Items Exhibited**

We will present renewable energies in Denmark, smart cities, effective use of energy, and technology associated with supply of district heat as well as help you invest in development of innovative technologies and new projects in Denmark.

**044 Kawasaki City Overseas Business Support Center (KOB)**

Kawasakishi Sangyo Shinko Kaikan 5F, 66-20 Horikawacho, Saiwai-ku, Kawasaki-shi, Kanagawa-ken, 212-0013, Japan  
TEL: 044-541-5232 FAX: 044-544-2930  
E-MAIL: [kobs@kawasaki-net.ne.jp](mailto:kobs@kawasaki-net.ne.jp)  
URL: <http://www.kawasaki-net.ne.jp/kobs/>

**Corporate Profile**

Kawasaki City established the Kawasaki City Overseas Business Support Center (KOB) to provide one-stop service for overseas business development by companies in Kawasaki City. KOB provides support for overseas expansion of companies in Kawasaki City, such as finding new overseas sales channels, as well as problem solving for companies considering expanding overseas and for companies that have already expanded overseas.

**Items Exhibited**

For consultation regarding the overseas expansion of companies in Kawasaki City, our overseas support coordinators will provide individual concrete support consisting of (1) recognizing what is required for overseas expansion, (2) support for opening new sales channels, (3) strategy for overseas expansion. We will collaborate with related institutions to provide support matched to every stage.

**004 JICA Yokohama**

2-3-1, Shinko, Naka-ku, Yokohama City, Kanagawa, 231-0001, Japan  
TEL: 045-663-3252 FAX: 045-663-3265  
E-MAIL: [yictad@jica.go.jp](mailto:yictad@jica.go.jp)  
URL: <https://www.jica.go.jp/yokohama/index.html>



**Corporate Profile**

As the organization that implements official development assistance (ODA) of Japan, JICA provides international cooperation to developing countries. With the vision of "dynamic development that benefits all people," we choose optimal approaches from a variety of assistance approaches in order to help developing countries solve their challenges. While an all-Japan team is helping small- to medium-sized businesses expand their operations globally in recent years, JICA helps Japanese small- to medium-sized businesses launch overseas operations by taking advantage of the networks and relationship of trust with the governments of developing countries established through long collaboration and expertise cultivated through business activities.

**Items Exhibited**

The project of JICA that started in 2012 for helping small- to medium-size businesses aims to achieve compatibility between development in developing countries and reinvigoration of local economy in Japan by making use of excellent technologies and products of small- to medium-size businesses in Japan. Using panels, we will show examples of small- to medium-size businesses in Kanagawa Prefecture selected for the project.

**009 JETRO YOKOHAMA**

Sangyo Boeki Center 2F, 2 Yamashita-cho, Yokohama  
TEL: 045-222-3901 FAX: 045-662-4980  
E-MAIL: [YOK@jetro.go.jp](mailto:YOK@jetro.go.jp)  
URL: <https://www.jetro.go.jp/>

**Corporate Profile**

The Japan External Trade Organization (JETRO) is a government-related organization promoting mutual trade and investment between Japan and the rest of the world. As one of our activities, we offer foreign investors with abundant information on all aspects of doing business in Japan, by providing expert consultation and offering free temporary office space in major business areas across the country. Talk to JETRO first and see more of what we offer to help set up your business in Japan.

**Items Exhibited**

Booklets and others

**Adaption for Climate Change**



**079 KOMATSU FACTORY CO., LTD.**

1-12-13, Higashiyama, Meguro-ku, Tokyo, 153-0043, Japan  
TEL: 03-3719-7131 FAX: 03-3719-7134  
E-MAIL: [info@komatsuins.co.jp](mailto:info@komatsuins.co.jp)  
URL: <http://www.komatsuins.co.jp>



**Corporate Profile**

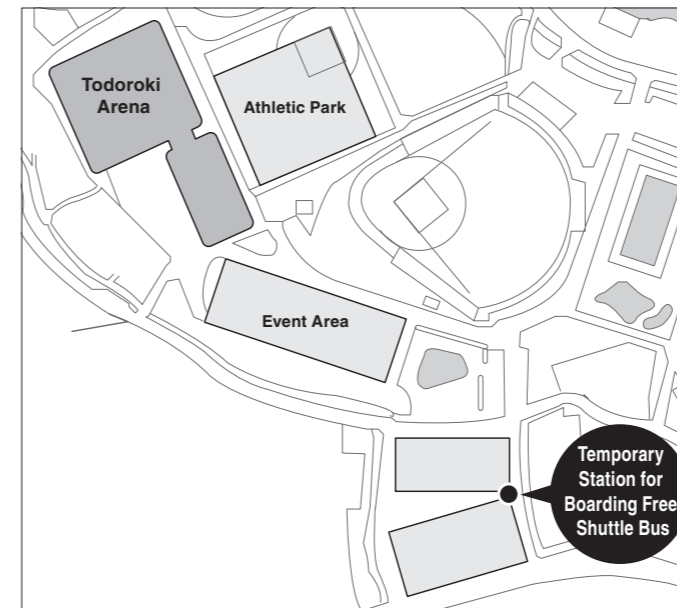
With attention focused on a wide range of weather phenomena and disasters in recent years, we have been engaged in the manufacture and sales of meteorological instrument that captures weather conditions accurately, relying on our accumulated technical know-how that spans 60 years since foundation. In addition to meteorological instrument, we also present and exhibit different meteorological observation systems that use such instrument.

**Items Exhibited**

Cup-type anemometer, vane-type anemometer, tipping bucket rain gauge, thermometer, hygrometer, automatic weather observation system, data logger, weather observation display system, etc.

**Free Shuttle Bus in Operation (Direct service to Musashi-Kosugi Station)**

**Shuttle Bus Station**



**Scheduled Departure Timetable**

Time	February 16 Thursday, 17 Friday						
10	20	32	44	56			
11	8	20	32	44	56		
12	8	20	32	44	56		
13	8	20	32	44	56		
14	8	20	32	44	56		
15	8	20	32	44	56		
16	8	20	32	42	52	59	
17	6	13	20	27	35	42	49
18	0	25	40	50			
19	4						

\* Please note that bus operation may be delayed due to traffic congestion or other reasons.  
\* The bus does not stop at bus stops on the route.

**かわしんは**  
経営者の皆さまが抱えるさまざまな「悩み」や「課題」を解決するお手伝いをします。  
創業・新分野・成長分野進出、海外進出、ビジネスマッチング、事業承継・M&A、その他

\*経営に関するお問い合わせは、川崎信用金庫業務部経営サポートセンターへ

**0120-502-456**

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