

ECO-Tech Fair 2009 kawasaki

川崎国際環境技術展2009

Kawasaki International ECO-Tech Fair 2009

Kawasaki now brings
environmental technologies
to the world.

Tuesday, February 17 and Wednesday, February 18, 2009

Tuesday the 17th: 11:00 AM - 5:00 PM, Wednesday the 18th, 10:00 AM - 5:00 PM

Todoroki Arena 1F Main Arena and other


1-3 Todoroki, Nakahara-ku, Kawasaki

Related Events

- ◇5th Asia-Pacific Eco-Business Forum
- ◇Environmental Business Forum in Kawasaki (Organizer: Kanto Bureau of Economy, Trade and Industry)
- ◇Eco with light — Horikawa-cho AKARI Story —
Saturday, February 7, 2009 through Tuesday, February 17, 10:00 AM - 9:00 PM, LAZONA Kawasaki Plaza

[Organizer] Kawasaki International ECO-Tech Fair Organizing Committee

[Committee Members] Kawasaki City, 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), Environmental Restoration and Conservation Agency (ERCA), National Institute for Environmental Studies (NIES), Keio University, Meiji University, Senshu University, Environmental Welfare Association, United Nations Environment Programme, United Nations University Zero Emissions Forum, Hong Kong Trade Development Council (HKTD), Kanagawa Prefecture, Institute for Sustainable Energy Policies (ISEP), Liaison Center for Creation of Industry & Environment (LCIE), Initiative for Development of Entrepreneurship in Asia, Foreign Press Center, Japan (FPCJ), Kawasaki Coastal Area Reactivation Liaison Association, Kawasaki Global Warming Prevention Association, Kawasaki Chamber of Commerce and Industry, Kawasaki Industrial Organization Union Meeting, Kawasaki Industrial Promotion Club, Institute of Industrial Promotion Kawasaki

[Sponsors] Australian Government in Japan, Embassy of the People's Republic of China in Japan, Embassy of Denmark in Japan, Embassy of the Republic of Korea in Japan, Embassy of the Republic of Viet Nam in Japan, Nikkei Inc., Kanagawa Shimbun,  Kyodo News
[Cosponsors] SHIMIZU CORPORATION, TOSHIBA CORPORATION, Kawasaki Shinkin Bank, JFE Engineering Corporation, JFE Steel Corporation, NEC Corporation, FUJITSU LIMITED, SIMUL INTERNATIONAL, Inc., Mitsui O.S.K. Lines, Ltd., NIPPON OIL CORPORATION, STAX CO., LTD., JA CERESA KAWASAKI, Tokyo Gas Co., Ltd., The Tokyo Electric Power Company, Inc., Touyoursai Co., Ltd., NIPPON DACRO SHAMROCK CO., LTD., Bank of Yokohama
[Supporters] China Association of Small and Medium Enterprises, ASIA MANAGEMENT ASSOCIATION, Tian Jin Chamber of Commerce & Industry, Kawasaki Japan-China Industrial Exchange Association, Shanghai Jiao Tong University, Shanghai Environmental Protection Bureau, Shanghai Academy of Environmental Sciences



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Takao Abe

Chairperson
Kawasaki International ECO-Tech
Fair Executive Committee
Mayor
Kawasaki City, Japan

Greetings

Global warming is a pressing issue for humanity. Kawasaki City is making efforts to contribute to global society by leveraging its experience dealing with pollution and its concentration of cutting edge technology. With the establishment of the "Carbon Challenge Kawasaki Eco Strategy (CC Kawasaki)", which aims to contribute toward the realization of a sustainable environment, as well as to achieve a virtuous circle between the environment and the economy, the city is putting great effort into global warming measures by promoting global contribution in environmental strategies and technologies which leverage its strengths.

Today we commence the "Kawasaki International ECO-Tech Fair 2009" to invigorate industry and contribute globally through environmental technology by sharing the the technology of Kawasaki with the rapidly industrializing Asian region and the world.

Please use this exhibit as an opportunity to see outstanding environmental technology and engage in international business matching. Finally, I hope that you will experience the city of Kawasaki as it makes its contribution toward global environmental technology through this exhibit.

Special Features of the Kawasaki International ECO-Tech Fair

Kawasaki now brings environmental technologies to the world

- From environmental technology that meets the policy needs of Asia to cutting edge environmental technology that solves global environmental issues
 - ◆ Presenting a wide range of environmental technology to the world, from new energy to recycling, with 117 exhibitors (199 booths).
 - ◆ The outdoor display presents many next generation eco cars.
- A place for business matching for environmental professionals from throughout the world
 - ◆ Government and related company officials from China, Korea and Vietnam will present their environmental needs to domestic corporations.
 - ◆ International business discussions with a focus on Asia will be supported by on site interpreters in the English, Chinese and Korean languages.
- Intellectual property morals to promote the sharing of environmental technology overseas
 - ◆ An IP seminar will be presented to cultivate IP morals for technology sharing.
 - ◆ The Organization for Small & Medium Enterprises and Regional Innovation, Japan and the Japan Patent Attorneys Association will provide free consultation in environmental regulation compliance and IP rights.

"Carbon Challenge Kawasaki Eco Strategy (CC Kawasaki)"

Toward realizing a low carbon society by achieving a harmonious and virtuous circle between the "Environment" and the "Economy"

"CC Kawasaki" is a strategy in the diverse groups in Kawasaki including citizens and businesses come together to find global warming solutions.

Three Fundamentals

The activities of CC Kawasaki are founded on the following three fundamentals.

1. Employ the characteristics and advantages of Kawasaki City to promote countermeasures against global warming.
2. International contributions through environmental technology.
3. Engage in reduction on CO₂ levels through a wide range of organizations.

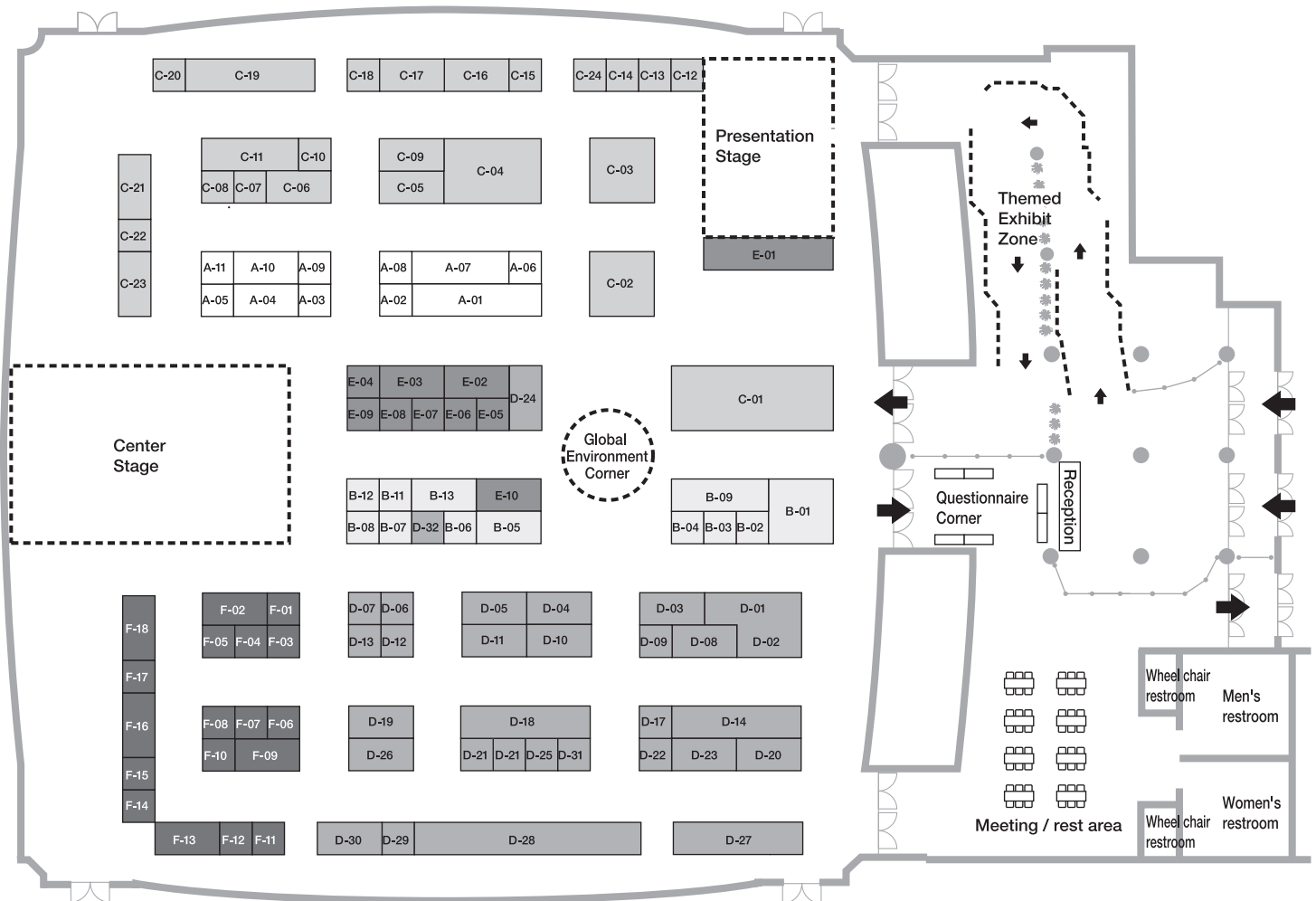


Kawasaki Global Warming
Prevention Association
Mascot

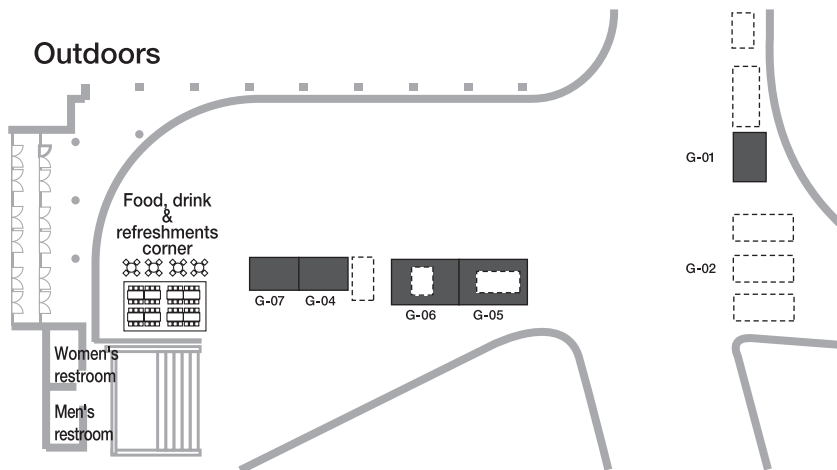
エコちゃんず

Exhibit Floor Guide

Indoors



Outdoors



- A ENVIRONMENTAL TECHNOLOGY
- B WASTE DISPOSAL/RECYCLING TECHNOLOGY
- C NEW ENERGY/ENERGY SAVING
- D CORPORATE ENVIRONMENTAL INITIATIVES
- E INTERNATIONAL RELATIONS
- F INDUSTRY-ACADEMIA-GOVERNMENT COLLABORATION
- G OUTDOOR DISPLAY

Themed Exhibit Zone

Environmental Technologies from Kawasaki to Asia - Our Experience in the Past and Our Message for the Future -

Kawasaki City has a wide range of environmental experience not found in other cities. The themed exhibit zone presents that experience and know-how in an easy to understand manner through pictures and videos which have been categorized by year and theme, connecting the past through the present to the future.

- 1960s Faced with a serious pollution problem, the citizens, corporations and government came together to solve the issue.
- 1970s New energy and energy conservation technology was developed as a result of the two oil shocks.
- 1990s Efforts were made to move away from mass consumption/disposal toward garbage separation and recycling.
- Late 1990s Efforts were made along the coast toward recycling and effective use of energy and resources.
- Now and the future: The role for Kawasaki City in solving the global environmental problem
- Toward an international contribution in the environmental field through the transfer of environmental technology -



Exhibitor List

Lot No.	Exhibitor
A-03	IJR inc.
A-05	ENVIRO-VISION CO.,LTD
A-10	OBAYASHI CORPORATION
A-11	CATARISE Corporation
A-09	Shimadakogyo Engineering Works co.,LTD.
A-01	SHIMIZU CORPORATION
A-07	TOA CORPORATION
A-02	Touyourozai Co.,Ltd
A-04	NIPPON DACRO SHAMROCK CO.,LTD.
A-08	Nippon Basic Co., Ltd.
A-06	UNION CO.,LTD.
B-13	Waterworks/Sewerage of Kawasaki City
B-08	Specified Nonprofit Organization Kawasaki Citizens Soap Plant
B-05	SAN-EI REGULATOR CO., LTD.
B-11	Sankyo Kousan Co.,Ltd.
B-02	Shibaura Institute of Technology Intellectual Property Center
B-06	SHINWA INDUSTRY CO.,LTD.
B-12	STREET DESIGN CORP.
B-04	SOKEN Corporation
B-07	DAI-ICHI HIGH FREQUENCY CO., LTD.
B-03	PET REFINE TECHNOLOGY Co.,Ltd.
B-01	MITSUBISHI KAKOKI KAISHA,LTD.
B-09	Meiji University
C-09	CO.,LTD.INOJAPAN
C-08	ISSHINTASUKE
C-19	Energy Advance Co.,Ltd.
C-03	ELIY Power Co., Ltd.
C-16	Association of Kawasaki Energy Promotion
C-24	Kawasaki intellectual property exchange session (Kawasaki City/Institute of Industrial Promotion Kawasaki)
C-21	KAWASAKI BIOMASS POWER CO.,LTD
C-02	Canon Inc.
C-07	KONDO KOGEI Co.,Ltd.
C-13	Seabell International Co., Ltd.
C-01	JFE Group
C-23	Live Environment Live innovation Renewal Association
C-05	Shoei Co.,Ltd.
C-18	Shoene Corporation., Ltd.
C-04	New Energy and Industrial Technology Development Organization
C-14	STAX CO.LTD
C-22	Sumitomo Heavy Industries,Ltd.

Lot No.	Exhibitor
C-15	Safeco Japan Sales co.,Ltd
C-12	Taiyoudenon Corporetion
C-20	DME VEHICLE PROMOTION COMMITTEE
C-17	TERA ENTERPRISE Co.,Ltd
C-11	Tokyo Gas Co.,Ltd.
C-06	The Tokyo Electric Power Company, Inc.
C-10	YOKOHAMA NATIONAL UNIVERSITY
D-05	ASAHIKASEI CHEMICALS CORPORATION
D-04	AJINOMOTO CO.,INC, Kawasaki Administration & Coordination Office
D-29	Kanagawa Prefectural Council for Promotion Business and Industrial Establishment
D-32	KANAGAWA SHIMBUN
D-12	KANAGAWA DESIGN FORUM "ZERO-PROJECT"
D-25	Kawasaki Compact
D-21	Global Environment Knowledge Centre,City of Kawasaki-Municipal Research Institute for Environmental Protection,City of Kawasaki
D-23	Institute of Industrial Promotion Kawasaki
D-30	THE KAWASAKI CHAMBER OF COMMERCE & INDUSTRY
D-31	KAWASAKI MONODUKURI BRAND Promotion Conference
D-07	Kirin Brewery Company, Limited
D-28	Industrial city network promotion conference Itabashi-city/Itabashi ward office glass recycle project team
D-28	Industrial city network promotion conference Ota-city/KYORITSU CHEMICAL-CHECK Lab.,Corp.-TECH TAIYO KOGYO CO.,LTD
D-28	Industrial city network promotion conference Kawasaki-city/Nihon Rikagaku industry co.
D-28	Industrial city network promotion conference Sagami-hara-city/Kyoritsu.Co.,Ltd
D-28	Industrial city network promotion conference Shinagawa-city/JET NEKO Co.,Ltd
D-28	Industrial city network promotion conference Hachioji-city/ARAYGA CO.,Ltd.-ENA Co.,Ltd.
D-28	Industrial city network promotion conference Hitachi-city/Hitachi Regional Technical Support Center
D-10	SANNAI AUTOMATION Co., Ltd.
D-03	C.M.J.Corp
D-21	Carbon Challenge Kawasaki Eco Conference
D-20	Mitsui O.S.K. Lines, Ltd.
D-08	SHOWA DENKO K.K. Kawasaki Plant
D-27	NIPPON OIL CORPORATION
D-26	Organization for Small & Medium Enterprises and Regional Innovation, JAPAN
D-13	DC Co.,Ltd.
D-14	TOSHIBA Group (Social Infrastructure Systems Company)
D-14	TOSHIBA Group (TOSHIBA PLANT SYSTEMS & SERVICES CORPORATION)
D-14	TOSHIBA Group (TOSHIBA LIGHTING & TECHNOLOGY CORPORATION)
D-11	Japan Freight Railway Company
D-09	NIHON GENRYO Co., Ltd.
D-18	NEC Corporation
D-19	Kanto Branch Of Japan Patent Attorneys Association

Lot No.	Exhibitor
D-06	PC 3R Promotion Center
D-24	Eight Municipal Government Leader's Summit
D-01	FUJITSU LIMITED
D-02	FUJITSU DESIGN LIMITED
D-22	Mitutoyo Corporation
D-17	Mu-fit Japan Corporation
E-02	Initiative for Development of Entrepreneurship in Asia
E-10	Japan for Sustainability
E-03	Shanghai Environmental Protection Industry Group
E-07	Shenyang Xinchangcheng Co.,Ltd
E-08	Dalian Weally Hydraulic Pressure Manufacture Co.,Ltd.
E-05	China Association of Small and Medium Enterprises
E-04	Tianjin Shanhe Environment Protection Investment and Development Co.,Ltd.
E-06	Wuhu Zhongxing Machine Technique Development Co.,Ltd
E-09	Beijing Jade Bird Rainbow Science & Technology Co., Ltd
E-01	Hong Kong Environmental Industry Association/Hong Kong Trade Development Council
F-01	ISMANJ Corporation
F-05	Kanagawa Academy of Science and Technology
F-04	Kanagawa Industrial Technology Center
F-07	Kanagawa Institute of Technology
F-18	Miyamae elementary school , Hiyoshi elementary school , High school for science and technology
F-06	Keio University Shin-Kawasaki Town Campus
F-17	Standard Technology for Air Cleaning
F-02	Non-Profit Organization Liaison Center for Creation of Industry & Environment
F-16	National Institute of Advanced Industrial Science and Technology
F-10	Senshu University
F-13	CIT Design
F-09	The University of Tokyo, Keio University
F-11	TOKYO DENKI UNIVERSITY
F-12	Toyo University :Center for Regional Industrial Symbiosis Research
F-15	Nippon Medical School
F-14	Nippon Veterinary and Life Science University
F-08	Hiroshima University
F-03	Academic Consortium for Nano and Micro Fabrication
G-01	KANAGAWA SPECIAL CARS CO.,LTD.
G-02	Garbage Truck of Kawasaki City
G-05	Electric Vehicle Lab., Keio University
G-04	DME VEHICLE PROMOTION COMMITTEE
G-06	The Tokyo Electric Power Company, Inc.
G-07	Meiji University

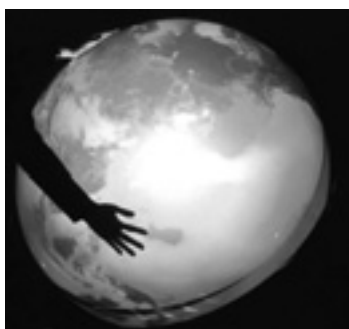
Global Environment Corner

Experience the environment with Tangible Earth

"Tangible Earth" is a next generation globe that aims to cultivate Earth awareness.

From the developing processes of global warming, typhoons and tidal waves to the movements of migrating birds, one is able to experience the living dynamism of the Earth.

One can spin the globe to view the other side and search the globe as if viewing it from a satellite.



Outdoor Display

See the electric car, "Eliica"

Many eco cars will be on display in the Outdoor Display area, from the high performance electric car "Eliica" to the skeleton design eco cleaning car that let's you see the insides and the DME car which uses next generation energy.



The "Eliica" electric car has a top speed of 370 km/h

February 17 (Tuesday)

Center Stage		Presentation Stage
11	<p>■11:00~12:00 AM</p> <p>Opening Ceremony</p> <ul style="list-style-type: none"> ● Greetings from organizer ● Greetings from guests ● Ribbon-cutting ceremony 	
12		
13	<p>■1:00~1:30 PM Keynote Address</p> <p>Kawasaki now brings environmental technologies to the world</p> <p>Takao Abe (Mayor of Kawasaki City)</p>	
14	<p>■1:30~3:10 PM</p> <p>Memorial Lecture ①</p> <p>Mr. Surya Prakash Chandak (Officer in charge, Deputy Director, IETC, United Nations Environment Programme)</p> <p>Memorial Lecture ②</p> <p>Presentations by representatives of various Asian cities of their environmental protection efforts</p> <p>Mr. Xing Kai (Vice Mayor of Shenyang Municipal People's Government)</p> <p>Mr. Min Cheon-sik (Director, Bucheon City Bureau of Environment and Waterworks, Republic of Korea)</p> <p>Mr. Tran Van Minh (Chairperson, Danang City People's Committee, Socialist Republic of Vietnam)</p> <p>Special Lecture</p> <p>"1+1+1"Project: One Factory, One Year, One Environmental Project</p> <p>Mr. Daniel M. Cheng (President, Hong Kong Environmental Industry Association)</p>	<p>■13:30~15:30</p> <p>Presentation</p> <p>by Shanghai Environmental Industries</p> <p>As the opening of the 2010 World's Fair approaches, Shanghai, China's largest industrial city, faces an urgent need to create a recycling-oriented society able to control environmental pollution, conserve energy, and practice 3R (Reduce-Reuse-Recycle). For this Kawasaki International ECO-Tech Fair, 10 Shanghai environmental companies will come to Japan to give direct presentations to Japanese environmental companies on the technologies needed by Shanghai. These presentations offer an excellent opportunity to hear the voice of Chinese companies and to feel the pulse of the Chinese market.</p>
15	<p>■3:15~3:45 PM Environmental Technology Seminar</p> <p>Current State of Small- and Medium-Sized Coal-Fired Electric Power Plants in China and Our Role</p> <p>Lecturer: Dr. Koichi Nishizawa (Representative, International Technology Evaluation Center Inc.)</p>	
16	<p>■4:00~4:50 PM</p> <p>Kawasaki City Environmental Industries Forum</p> <p>Surviving in a Low-Carbon Society through Eco-Products</p> <p>Lecturer: Dr. Ryoichi Yamamoto (Professor, Institute of Industrial Science, University of Tokyo)</p>	<p>Dr. Yamamoto's areas of specialization include materials science, sustainable product development theory, and eco-design. He is currently Chairman of the Sustainable Management Forum of Japan, the Environmental Efficiency Forum, and the International Green Purchasing Network. His books include "Eco-Innovation", "Globalization Inferno", "Climate Change + 2°C", "Sustainable Companies" and others.</p>

February 17 (Tuesday) 1:30~1:50 PM
Center Stage: Memorial Lecture①



Mr. Surya Prakash Chandak
(Officer in charge, Deputy Director, IETC, United Nations Environment Programme)

Mr. Chandak has served as a Director of India's National Productivity Council and National Cleaner Production Center. He has worked as a senior expert in the Asian Productivity Organization, the World Bank, the Asian Development Bank, and UNIDO. In 2005, he was appointed deputy director of IETC and since then has been involved in ISWM projects in countries including China, India, Lesotho, and Sri Lanka and in preparing guidelines for project development at the local level. He has extensive experience in cleaner production, training concerning industrial energy efficiency and air pollution management.

February 17 (Tuesday) 2:50~3:10 PM
Center Stage: Special Lecture



Mr. Daniel M. Cheng
(President, Hong Kong Environmental Industry Association)

Mr. Cheng is Founding President of the Hong Kong Environmental Industry Association, and holds high-level posts in the Sustainable Industry Council, Group 26 (Environmental Industries) in Federation of Hong Kong Industries (FHKI), and the Business Environment Council. As the Managing Director of Dunwell Enviro-Tech (Holdings) Ltd., he is currently involved in a wide range of projects from used oil recycling to admixture and marketing of lubricating oil products, design and installation of advanced vibrating membrane systems, provision of used oil analysis service, and manufacture of formulated resins and high performance seamless epoxy flooring. He has received wide acclaim for his work in environmental protection and was awarded Medal of Honour by the Hong Kong SAR Government in 2007.

February 17 (Tuesday) 3:15~3:45 PM
Center Stage: Environmental Technology Seminar



Mr. Koichi Nishizawa
(Representative, International Technology Evaluation Center Inc.)

Mr. Nishizawa graduated with a degree in engineering from Kyoto University in 1967 and joined Nippon Sheet Glass Co. the same year. In 1991, he was awarded a doctorate in engineering for research in microoptics from Hokkaido University. He has held high-level posts in International Standard Committees, nanotechnology research groups of Japan Society of Applied Physics and others. In July 2008, he became representative of the International Technology Evaluation Center Inc.

February 18 (Wednesday) 10:00~10:45 AM
Center Stage: Seminar on Intellectual Property



Dr. Shunya Watanabe
(Professor, Research Center for Advanced Science and Technology, University of Tokyo)

Dr. Watanabe holds a doctorate in engineering from the Tokyo Institute of Technology. After working in a private company, he became a visiting professor at the Research Center for Advanced Science and Technology, University of Tokyo in 1996. Since 1999, he has served concurrently as a professor in the Department of Technology Management for Innovation. He has worked on committees in organizations including the Council for Science and Technology Policy. His areas of specialization include materials and intellectual property management.

February 18 (Wednesday)

Center Stage

10	<p>■10:00~11:45 AM</p> <h3>Seminar on Intellectual Property</h3> <p>This seminar provides participants an opportunity to gain knowledge of intellectual property rights including patents, or technology transfers.</p> <p>10:00~10:45 AM Lecture</p> <p>Intellectual Property Strategies in an Era of Open Innovation - Practical Experience of Large, Small, and Venture Companies</p> <p>Lecturer: Dr. Shunya Watanabe (Professor, Research Center for Advanced Science and Technology, University of Tokyo)</p> <p>11:00~11:45 AM Lecture</p> <h3>Patents for Enhancing Corporate Value</h3> <p>Lecturer: Mr. Naoki Kimiya (Patent Attorney, Kimiya International Patent Office)</p>
11	
12	<p>■12:00~12:45 PM</p> <h3>Special Lecture</h3> <h3>Eco-innovation: Ultrahigh-efficient solar cells that quantum world opens.</h3> <p>Lecturer: Dr. Yoshitaka Okada (Associate Professor, Research Center for Advanced Science and Technology, University of Tokyo)</p>
13	<p>■1:00~3:50 PM</p> <h3>Environmental Business Forum in Kawasaki - Environmental Business Opportunities in Asia -</h3> <p>1:00 PM Opening remarks Efforts by the Kanto Bureau of Economy, Trade and Industry to promote environmental business</p> <p>1:10~2:10 PM Keynote speech</p> <h3>Current state of environmental business in Asia</h3> <p>Mr. Michikazu Kojima (Director, Environment and Resources Research Group, New Domain Research Center, Institute of Developing Economies, Japan External Trade Organization)</p> <p>«Break»</p> <p>2:20~3:40 PM Panel Discussion</p> <h3>How to Approach Asia's Environmental Business Market</h3> <p>Mr. Michikazu Kojima (Director, Environment and Resources Research Group, New Domain Research Center, Institute of Developing Economies, Japan External Trade Organization)</p> <p>Mr. Yuichi Katsuura (CEO, Nippon Basic Co., Ltd.)</p> <p>Mr. Manabu Tani (President, Green Blue Corporation)</p> <p>Mr. Minoru Hirao (Group Manager, Environmental Development Group, Tokyo Branch, Osumi Co., Ltd.)</p> <p>Question-and-answer session</p> <p>3:50 PM Close of session</p>
14	
15	
16	<p>■4:00~4:40 PM</p> <h3>Closing Ceremony</h3> <ul style="list-style-type: none"> ●"Eco Stage": Concert by Ms. Chika Yuri ●Greetings from organizer ●Greetings from guests



Presentation Stage

■10:30 AM~3:45 PM

Presentation by exhibitors

10:30 AM~ Shimizu Corporation

The latest technology against soil pollution - Shimizu's soil purification engineering and its continuing evolution -

10:50 AM~ Academic Consortium for Nano and Micro Fabrication Nano/MicroFabrication
Efforts to create bases for the Consortium of Four Universities (Keio University, Waseda University, Tokyo Institute of Technology and University of Tokyo) on Nano/MicroFabrication in Shin-Kawasaki

11:10 AM~ Standard Technology for Air Cleaning

Waste treatment technology with efficient recycling of VOC

(Volatile Organic Compounds) discharged from painting and printing plants

11:30 AM~ DME Vehicles Promotion Committee

DME (dimethyl ether), a clean energy to expand in the near future

11:50 AM~ Kyoritsu Co., Ltd.

Overview of environmental equipments and systems for a recycling-oriented society

12:10 PM~ Tera Enterprises Co., Ltd.

Introduction of zeolight's high-functionality; R&D and patent technology

12:30 PM~ ENA Co., Ltd.

More than 10% reduction in CO₂ emissions through the combustion improvement device "GREENBOX"

12:50 PM~ Isshintasuke

A tire tube containing patented "elastic granular substances and air" with strong resistance to puncture and air pressure loss

1:10 PM~ ELIY Power Co., Ltd.

A new lithium-ion battery

1:30 PM~ Arayga Co., Ltd.

Energy-saving efforts - introduction of a transparent thermal barrier coating for glass

1:50 PM~ Shoene Co., Ltd.

Environmentally-friendly inverter for fluorescent lighting

2:10 PM~ Dai-Ichi High Frequency (DHF) Co., Ltd.

Introduction of a boiler tube and superheated water vapor generating device for waste disposal and treatment plants

2:30 PM~ Shimadakoogyo Engineering Works co.,LTD.

Profitable environmental improvements (Approach and techniques toward an economic and environmentally-improved construction)

2:50 PM~ Toshiba Lighting & Technology Corporation

From dreams to reality: LED lighting using E-CORE

3:10 PM~ Kyoritsu Chemical-Check Lab., Corp.

Introduction of "Pack Test", a product allowing simplified analysis of water quality

3:30 PM~ IJR (Innovation Joint Research) inc.

Technology of "AirReseta", an air quality improvement device that enhances safety by decomposing harmful gases in living environments

■2:00~3:50 PM [Training Room No. 1]

Kawasaki-Shanghai Recycling-Oriented Economic Cooperation Survey "Japan-China Joint Conference"

In this conference, persons concerned with Japan-China relations will exchange views on various subjects including efforts concerning Kawasaki Eco-Town, the results of a survey this year by the Ministry of Economy, Trade and Industry on the possibility of transferring environmental technology to Shanghai, and proposals for cooperative projects.

We welcome the participation of companies considering the environmental business in the Chinese market.

February 18 (Wednesday) 11:00~11:45 AM
Center Stage: Seminar on Intellectual Property



Dr.
Naoki Kimiya
(Patent Attorney, Kimiya International Patent Office)

Mr. Kimiya graduated with a degree in mechanical engineering from Saga University in 1990. After working in technical translation, he processed patent applications at the Okabe International Patent Office from 1996 to 2008. He was registered as a patent attorney in 2005. In April 2008, he established the Kimiya International Patent Office. As a Kanagawa representative of the Patent Attorneys Association, he assists intellectual property activities of various enterprises in Kanagawa.

February 18 (Wednesday) 12:00~12:45 PM
Center Stage: Special Lecture



Dr.
Yoshitaka Okada
(Associate Professor, Research Center for Advanced Science and Technology, University of Tokyo)

Dr. Okada is a graduate of the research course of engineering from the University of Tokyo in 1990. After serving as an assistant professor at Tsukuba University and as a visiting assistant professor at Stanford University, he became Associate Professor of Engineering at the Research Center for Advanced Science and Technology, University of Tokyo. He holds a doctorate in engineering and is currently involved in R&D concerning advanced photovoltaic generation technology with NEDO.

February 18 (Wednesday) 1:00~3:50 PM Center Stage: Environmental Business Forum



●Keynote speech / Coordinator
Mr. **Michikazu Kojima**
(Director, Environment and Resources Research Group, New Domain Research Center, Institute of Developing Economies, Japan External Trade Organization)



●Panelist
Mr. **Manabu Tani**
(President, Green Blue Corporation)



●Panelist
Mr. **Yuichi Katsuura**
(CEO, Nippon Basic Co., Ltd.)



●Panelist
Mr. **Minoru Hirao**
(Group Manager, Environmental Development Group, Tokyo Branch, Osumi Co., Ltd.)

ENVIRONMENTAL TECHNOLOGY

A

A-03 IJR inc.

●〒212-0032 Kawasaki Business Incubation Center 7-7 Shin-Kawasaki, Saiwai-ku, Kawasaki, Kanagawa
●TEL.044-589-0747 ●FAX.044-589-0748
●e-mail : ebisu@ijr.co.jp
●URL : <http://www.ijr.co.jp/>

POINT

IJR is now selling to high acclaim its air quality improvement device "Air Resetter" which uses high-performance catalytic decomposition technology to break down harmful gases in the air and ensure safety. IJR will modify this product to meet special specifications. The company is also in the process of developing a lead-free soldering iron named "Hybrid Bonder" (now undergoing on-site testing). Our other products include an ultrasonic oscillator for use as a driver.

A-01 SHIMIZU CORPORATION

●〒105-8007 Seavans South, 1-2-3 Shibaura, Minato-Ku, Tokyo
●TEL.03-5441-0169 ●FAX.03-5441-0370
●e-mail : kshio@shimz.co.jp
●URL : <http://www.shimz.co.jp/>

POINT

One of the first companies to operate in the area of soil and groundwater purification, Shimizu Corporation has established a solid record of experience. Our technology and expertise in soil purification engineering is presented by means of exhibit panels. The highlight of the exhibit is a model of our soil cleaning plant located in Ogimachi, Kawasaki City, which will demonstrate how we can take one dump truck full of soil contaminated with heavy metals and oil and purify it at low cost.

A-07 TOA CORPORATION

●〒102-8451 5 Yonban-cho, Chiyoda-ku, Tokyo
●TEL.03-3262-5152 ●FAX.03-3262-1837
●e-mail : n_tomita@toa-const.co.jp
●URL : <http://www.toa-const.co.jp/>

POINT

TOA Corporation has long been involved in business operations connected with the sea and thus has acquired extensive knowledge of the sea. Our new dredging techniques on exhibit here, including technology for natural restoration of tidelands and shallows and for the revitalization of clam spawning and other fishing grounds, are designed to meet environmental protection needs and promote sharing of the gift of the seas.

A-05 ENVIRO-VISION CO.,LTD

●〒121-0055 Ikebukuro White House Bldg, 8F 1-20-2 Higashi-Ikebukuro, Toshima-ku, Tokyo
●TEL.03-6914-5650 ●FAX.03-3984-9810
●e-mail : h-takahashi@enviro-vision.jp
●URL : <http://enviro-vision.jp/>

POINT

Exhibits of environmental equipment centered on water treatment: "YJ Nozzle," a micro-bubble generator which is easy to use, with general-purpose underwater pumps for waste water treatment; "Pipeflex" and "Diskflex," micro-bubble diffusers that reduce CO2 with low energy consumption; and "Flexible," an ultrasonic algae suppression device which prevents pond scum.

A-02 Touyourozai Co.,Ltd

●〒210-0858 12-1 Okawacho, Kawasaki-ku, Kawasaki, Kanagawa
●TEL.044-333-8444 ●FAX.044-333-8445
●e-mail : touyoroza@h8.dion.ne.jp
●URL : <http://www.touyoroza.jp>

POINT

Our products are designed to have low impact on the global environment and to contribute to a recycling-oriented society. This exhibit includes a demonstration of the radiation properties of our earthbrick-type block, fabricated using 80% recycled materials, which is effective in controlling emperature and absorbing water and also imparts an antique character. In addition, this product offers safety and security and presents no barriers to access. Our exhibit also includes a deck sample made from woodfiber-plastic composites.

A-10 ODAYASHI CORPORATION

●〒108-8502 Shinagawa Intercity Tower B 2-15-2 Konan, Minato-ku, Tokyo
●TEL.03-5769-1002 ●FAX.03-5769-1901
●e-mail : tamaru.hitoshi@odayashi.co.jp
●URL : <http://www.odayashi.co.jp/>

POINT

Obayashi Corporation is in the business of creating comfortable living spaces for people, one component of which is our innovative approach to restoring soil environments. Through the use of exhibit panels, we present a lineup of products which enable on-site treatment and purification of soil contaminated with heavy metals and VOC and technology for the purification of oil-contaminated soil.

A-04 NIPPON DACRO SHAMROCK CO.,LTD.

●〒210-0865 3-3 Chidori-cho, Kawasaki-ku, Kawasaki, Kanagawa
●TEL.044-280-3017 ●FAX.044-280-3119
●e-mail : ishizuka@n-d-s.co.jp
●URL : <http://www.n-d-s.co.jp>

POINT

On exhibit are our anti-rust agents GEOMET® and U&Z Coat®, which are completely chromium-free and have low impact on the global environment. These products are completely chromium-free and deliver high anti-corrosion performance. Thanks to their use within an extensive global network, these products allow anti-rust treatment to be performed with comparable quality anywhere in the world and can answer the diverse needs of companies seeking to globalize their operations.

A-11 CATARISE Corporation

●〒213-0012 KSP East-510, 3-2-1 Sakado, Takatsu-ku, Kawasaki, Kanagawa
●TEL.044-829-0811 ●FAX.044-829-0812
●e-mail : takenouchi.m@cata-rise.co.jp
●URL : <http://www.cata-rise.co.jp>

POINT

Catarise Corp. develops and manufactures functional materials focused on photocatalysis. Our leading products include "Hikari Actor," a photocatalytic coating fluid for industrial uses, and "Hikari Mist," a photocatalytic deodorizing spray for general household use. Through these products, we are contributing to the creation of environments in which people can live safely and comfortably.

A-08 Nippon Basic Co., Ltd.

●〒211-0005 767-2 Shinmaruko-cho, Nakahara-ku, Kawasaki, Kanagawa
●TEL.044-738-2215 ●FAX.044-738-2216
●e-mail : nipponbasic@ceres.ocn.ne.jp
●URL : <http://www.nipponbasic.ecnet.jp/>

POINT

(1) An exhibit of our "Mobile Water" automobile-installed emergency water purifier along with a demonstration of its operation. (2) An exhibit of the emergency water purifier with accompanying carrying case alongside a drink vending machine.

A-09 Shimadakogyo Engineering Works co.,LTD.

●〒211-0002 2-1326 Sanno-cho, Kamimaru-ku, Nakahara-ku, Kawasaki, Kanagawa
●TEL.044-434-2686 ●FAX.044-434-2697
●e-mail : info@shimadakogyo.co.jp
●URL : <http://www.shimadakogyo.co.jp>

POINT

(1) Ecology "e" Coat: A catalyst that offers photocatalytic functional properties with high deodorizing and anti-bacterial capabilities without the need for light or ultraviolet radiation. (2) Ecology "e" ThermoShield: This ultra long-life, energy-efficient protective heat-shielding material is fabricated by applying a top coat of fluorine resin to a base material with high heat-shielding and sound-isolation capacity. This material has a proven record in major projects, including a 50,000m² world's fair site.

A-06 UNION CO.,LTD.

●〒211-0036 2-3 Idasugiyama-cho, Nakahara-ku, Kawasaki, Kanagawa
●TEL.044-755-1107~8 ●FAX.044-755-6711
●e-mail : union@uni-project.com
●URL : <http://www.uni-project.com/union>

POINT

(1) No harmful gases are produced from the burning of scrap bamboo or combined environmental resins. Because "bamboo powder" which burns with a low caloric output of 6,880cal/g is used as the principal raw material, growth of mold is suppressed. (2) Scraps of paper-and-wood sliding doors and combined environmental resins can be burned without environmental damage. No dioxin is generated and caloric output of combustion is low at 6,100cal/g.

WASTE DISPOSAL/ RECYCLING TECHNOLOGY

B

B-06 SHINWA INDUSTRY CO.,LTD.

●〒230-0003 1-2-1 Shitte, Tsurumi-ku, Yokohama, Kanagawa
●TEL.045-581-2711 ●FAX.045-581-8266
●e-mail : awakura-skk@k9.dion.ne.jp
●URL : <http://www.shinwa-skk.co.jp>

POINT

Shinwa Industrial Company manufactures and sells stainless steel and aluminum products on a broad scale. Our mainstay products include hopper-type containers, PCB waste transport containers, and other special products. A manufacturer specializing in order-made products ranging from single- to mass-produced items, we can meet diverse customer needs through flexible operating capabilities.

B-13 Waterworks/Sewerage of Kawasaki City

●〒210-8577 1 Miyamoto-cho, Kawasaki-ku, Kawasaki, Kanagawa
●Waterworks Bureau TEL.044-200-3097 e-mail : 80soumu@city.kawasaki.jp
●Construction Bureau TEL.044-200-2877 e-mail : 53gsoumu@city.kawasaki.jp
●URL : <http://www.city.kawasaki.jp>

POINT

Kawasaki City is building a energy-saving waterworks system which avoids the use of pumps as much as possible and instead draws water from the source taking advantage of undulating topography. Kawasaki is also conducting a joint project with Tokyo Electric Power Company in micro hydroelectric power generation which produces electricity by effectively using the flow of hitherto unutilized water. In sewage treatment, Kawasaki City is not only securing a favorable water cycle through sewage processing but is also creating waterside spaces that use highly treated water. In addition, Kawasaki City is working to achieve healthy water and substance cycles by, for example, converting incinerated sludge to the raw material for cement and utilizing heat from the incineration of sludge to heat water for swimming pools.

B-12 STREET DESIGN CORP.

●〒211-0041 6-9-30 Shimokodanaka, Nakahara-ku, Kawasaki, Kanagawa
●TEL.044-740-6155 ●FAX.044-740-6157
●e-mail : r.sakamoto@street-design.co.jp
●URL : <http://www.street-design.co.jp/>

POINT

Through low-temperature melting and petrochemical recycling, Street Design Corp. provides treatment systems that completely remove toxic and polluting substances from waste generated by industries that implement special asbestos-control measures. By lowering the required melting temperature from 1500? to 700?, these systems can also convert wastes other than asbestos, such as construction covering and protective apparatus, to oil, which can be used as engine fuel or for generators. In the future, these systems will reduce costs without leaving behind hazardous wastes.

B-08 Specified Nonprofit Organization Kawasaki Citizens Soap Plant

●〒210-0826 2-21-3 Shiohama, Kawasaki-ku, Kawasaki, Kanagawa
●TEL.044-276-0739 ●FAX.044-276-0739
●e-mail : kinarikko@kazekusa.jp
●URL : <http://kinarikko.kazekusa.jp>

POINT

An idea created by citizens: Introducing "Kinarikko," a bath soap made from recycled materials. This exhibit will feature panels illustrating the process of manufacturing the recycled soap Kinarikko, and present displays of Kinarikko products. Kinarikko is made by recovering cooking oil and is a 100% recycled product. It also uses no fragrances or other harmful additives, so it is safe both for the environment and for people.

B-04 SOKEN Corporation

●〒211-0022 335 Kariyado, Nakahara-ku, Kawasaki, Kanagawa
●TEL.044-434-7511 ●FAX.044-434-7313
●e-mail : k.sakamoto@so-ken.co.jp

POINT

This organic kitchen waste treatment equipment converts food residues into soil improvement agents.

B-05 SAN-EI REGULATOR CO., LTD.

●〒210-0866 6-10 Mizuecho, Kawasaki-ku, Kawasaki, Kanagawa
●TEL.044-281-1100 ●FAX.044-281-1101
●e-mail : corelex@b-web.co.jp
●URL : <http://www.corelex.jp>

POINT

The Tokyo Plant of SAN-EI REGULATOR CO., LTD., which is the world's first zero-emission paper manufacturing plant located in Kawasaki's Zero Emission Industrial Park, recycles mixed paper and other waste collected in Kawasaki City to manufacture toilet paper. This exhibit features technology for processing this hard-to-recycle wastepaper, a recycling system for confidential documents, and household paper products such as toilet paper made from recycled paper.

B-07 DAI-ICHI HIGH FREQUENCY CO., LTD.

●〒103-0002 1-6-2 Nihonbashi Bakurocho, Chuo-ku, Tokyo
●TEL.03-5649-3725 ●FAX.03-5649-3726
●URL : <http://www.dhf.co.jp>

POINT

This anti-corrosion boiler panel which provides advanced cladding achieves excellent durability and improves combustion efficiency in harsh high-temperature corrosive environments such as the combustion chamber of waste incineration plants. Our superheated water vaporizer (IH type) is used widely as a clean heat source in waste treatment and recycling.

B-11 Sankyo Kousan Co.,Ltd.

●〒210-0867 12-3 Ougimachi, Kawasaki-ku, Kawasaki, Kanagawa
●TEL.044-355-8883 ●FAX.044-355-8810
●e-mail : sankyo@skk-web.co.jp
●URL : <http://www.skk-web.co.jp/>

POINT

(1) Environment-related activities: Exhibit focuses on the collection and transport of industrial waste and beverage-related recycling in a resource recycling plant. (2) Environment-related construction operations: Exhibit dealing with asbestos and dioxin treatment operations, soil pollution cleaning operations, and operations to improve work efficiency through work platforms. (3) Exhibit of laser operations.

B-03 PET REFINE TECHNOLOGY Co.,Ltd.

●〒210-0867 12-2 Ougimachi, Kawasaki-ku, Kawasaki, Kanagawa
●TEL.044-355-9322 ●FAX.044-355-9355
●e-mail : m_yoshida@prt.jp
●URL : <http://www.prt.jp>

POINT

Our operations involve the chemical decomposition of used PET bottles, removal of impurities and pigments, and conversion into plastic. The result is plastic with the same quality as the plastic used in the original PET bottle, which we sell to PET bottle manufacturers. Our plant is a genuine PET-to-PET recycling facility which uses the world's first chemical recycling process.

B-02 Shibaura Institute of Technology Intellectual Property Center

●〒135-8548 3-7-5 Toyosu, Koto-ku, Tokyo
●TEL.03-5859-7180 ●FAX.03-5859-7181
●e-mail : sangaku@ow.shibaura-it.ac.jp
●URL : <https://office.shibaura-it.ac.jp/sangaku/index.html>

POINT

This exhibit presents various technologies that will prove indispensable in the environmental and energy fields. (1) Technology for the separation and recovery of useful metals that can be used in low-cost recycling. (2) An eco-friendly energy exchange system. (3) Technology for recovering rare metals from waste water using micro-organisms.

B-01 MITSUBISHI KAKOKI KAISHA,LTD.

●〒210-8560 2-1 Okawacho, Kawasaki-ku, Kawasaki, Kanagawa
●TEL.044-333-5354 ●FAX.044-333-5069
●e-mail : nisihira@kakoki.co.jp
●URL : <http://www.kakoki.co.jp>

POINT

The exhibit of Mitsubishi Kakoki Kaisha, Ltd. features the MegaFuel System (a system which converts sewage into fuel), the Mitsubishi BioGas System (a methane fermentation system), and the Mitsubishi BDF System (a biodiesel fuel manufacturing system). In addition, the Mitsubishi Disc Separator (a high-speed centrifuge) is used in the BDF system and also finds application in the separation of oil and water in waste treatment and other fields.

B-09 Meiji University

●〒101-8301 1-1 Kanda-Surugadai, Chiyoda-ku, Tokyo
 ●TEL.03-3296-4327 ●FAX.03-3296-4283
 ●e-mail : tlo@mics.meiji.ac.jp
 ●URL : <http://www.meiji.ac.jp>

POINT

・ This exhibit features an urban-type wind power system that uses a torsion arc blade-type horizontal axis windmill, which is the product of efforts to develop low-cost urban-type wind power equipment that offers quiet operation and an imposing appearance. ・ Also presented is a polyvinyl chloride wallpaper recycling system which recycles polyvinyl chloride wallpaper through high-speed refining/beating technology which operates at a peripheral speed of 150m/sec.
 ・ Presentations of other environment-related technology developed by Meiji University.

C-16 Association of Kawasaki Energy Promotion

●〒210-8577 1 Miyamoto-cho, Kawasaki-ku, Kawasaki, Kanagawa
 ●TEL.044-200-2313 ●FAX.044-200-3920
 ●e-mail : 28kogyo@city.kawasaki.jp
 ●URL : <http://kawasaki-energy.net/>

POINT

This association, which is made up of 12 new energy-related firms located in Kawasaki City and the government of the City of Kawasaki, was established in October 2007 for the purpose of contributing to sustainable urban development by promoting wider use of new energy with a view to establishing a foundation for new energy industries. This exhibit deals with the measures taken by the association aimed at introducing new energy to homes and business offices and achieving more efficient use of energy.

NEW ENERGY/ENERGY SAVING



C-09 CO.,LTD.INOJAPAN

●〒160-0021 The 7th Kaneshima Bldg, 4F 2-19-10 Kabukicho, Shinjuku-ku, Tokyo
 ●TEL.03-5291-1422 ●FAX.03-5291-1423
 ●e-mail : sakurai@inojapan.com
 ●URL : <http://www.inojapan.com>

POINT

This exhibit focuses on various types of LED lighting both for indoor use (halogen lamps, built-in lighting, LED fluorescent lamps and downlights) and outdoor use (mercury lamps and LED floodlights).

C-24 Kawasaki intellectual property exchange session (Kawasaki City/Institute of Industrial Promotion Kawasaki)

●〒210-8577 (Economic and Labor Affairs Bureau, Policy Planning Division) 1 Miyamoto-cho, Kawasaki-ku, Kawasaki, Kanagawa
 ●TEL.044-200-3714 ●FAX.044-200-3920
 ●e-mail : 28kikaku@city.kawasaki.jp

POINT

The activities of the Kawasaki Intellectual Property Association are aimed at revitalizing regional industries and strengthening competitiveness through efforts to build new business relationships and foster awareness of intellectual property management among small and medium enterprises (SMEs) by promoting exchanges concerning intellectual property between SMEs and large corporations in Kawasaki City. As one of its priority activities, the association is implementing a program for promoting Kawasaki City's intellectual property strategies based on the city's special industrial characteristic whereby the research institutes of large corporations grow together with SMEs possessing strong technical capacity.

C-21 KAWASAKI BIOMASS POWER CO.,LTD

●〒792-8520 16-5 Isouracho, Niihama, Ehime
 ●TEL.03-3261-3560 ●FAX.03-3261-3570
 ●URL : <http://www.sumikyo.co.jp>

POINT

This exhibit features a wood chip supply plant scheduled to be constructed in Kawasaki City and an electric power facility that uses wood biomass for fuel. Efforts toward protecting the environment by the investors, which include Sumitomo Forestry Co., Ltd., Furuhashi EPO, and Sumitomo Joint Electric Power Co., Ltd., will also be presented.

C-08 ISSHINTASUKE

●〒277-0884 4-23-3 Midoridai, Kashiwa, Chiba
 ●TEL.04-7132-2415 ●FAX.04-7132-2415
 ●e-mail : yq@jade.plala.or.jp
 ●URL : <http://www8.plala.or.jp/tasuke/>

POINT

Isshintasuke's patented bicycle tire tube, which contains elastic granular substances and air, succeeded splendidly in a college students' bicycle tour of Hokkaido, in which only bicycles equipped with our anti-puncture tubes sustained no punctures, and in the Gakushuin Sakhalin Bicycle Tour, in which the tube again sustained no punctures. Our other products include an energy-saving shirt, a global environment game, and an environment/coexistence charm inlaid with pure gold.

C-02 Canon Inc.

●〒146-8501 3-30-2 Shimomaruko, Ota-ku, Tokyo
 ●TEL.03-3758-2111
 ●URL : <http://canon.jp>

POINT

Canon is channeling effort into reducing CO2 emissions throughout the entire life cycle of products. Examples of these efforts will be presented through exhibits of the energy-saving technologies used in ink-jet printers and the environmental measures taken by our Kawasaki plant.

C-19 Energy Advance Co.,Ltd.

●〒105-8527 Tokyo Gas Hamamatsucho Headquarters Bldg, 21F 1-5-20 Kaigan, Minato-ku, Tokyo
 ●TEL.03-6403-0514 ●FAX.03-6403-0528
 ●e-mail : otsukata@energy-advance.co.jp
 ●URL : <http://www.energy-advance.co.jp>

POINT

This exhibit includes display panel exhibits, the distribution of pamphlets, and screening of videos. Examples of projects implemented at Saint Marianna University School of Medicine that have achieved major energy savings through large-scale, high-efficiency plant systems and area-wide energy utilization. Examples of various ESCO projects and energy services. Kawasaki City's measures to reduce CO2.

C-07 KONDO KOGEI Co.,Ltd.

●〒213-0031 710-13 Unane, Takatsu-ku, Kawasaki, Kanagawa
 ●TEL.044-820-1013 ●FAX.044-820-1048
 ●e-mail : masakazu@kondo-kogei.co.jp
 ●URL : <http://www.kondo-kogei.co.jp>

POINT

Delta Rays Power was developed as a new concept in LED lighting. With an internal heat-radiating structure, it illuminates through a 360° range and thus can be used for handrails. A suggested use for our new model is in lighting for high ceilings. These are environmentally-friendly light sources; 99% of these products can be recycled.

C-03 ELIY Power Co., Ltd.

●〒100-0008 Yurakucho Denki Bldg, South Tower 5F 1-7-1 Yurakucho, Chiyoda-ku, Tokyo
 ●TEL.03-5224-3721 ●FAX.03-5224-3600
 ●e-mail : kimiya.mizuguchi@eliypower.co.jp
 ●URL : <http://www.eliypower.co.jp>

POINT

ELIY Power has developed a large-scale lithium-ion battery with the world's highest level of safety. We have developed an EPSS (Electric Power Storage System) that incorporates this large-scale lithium-ion battery, enabling the use of stored electric power at any time to achieve more efficient energy utilization.

C-13 Seabell International Co., Ltd.

●〒101-0032 SS Smart Bldg, 1-13-5 Iwamotocho, Chiyoda-ku, Tokyo
 ●TEL.03-5822-2275 ●FAX.03-5822-2274
 ●e-mail : hidesawa@seabell-i.com
 ●URL : <http://www.seabell-i.com/>

POINT

Seabell International has developed the world's first floating-type wave-energy electric generator which uses the energy produced by the movement of water. Unlike conventional hydroelectric power, this system generates electric power from the flow of water without the need for dams.

C-01 JFE Group

●〒210-0868 1-1 Ougijima, Kawasaki-ku, Kawasaki, Kanagawa
●TEL.044-322-1119 ●FAX.044-322-1500
●e-mail : ta-sakamoto@jfe-steel.co.jp
●URL : <http://www.jfe-holdings.co.jp/top.html>

POINT

JFE Group contributes to the creation of a society that can help to prevent global warming and to conserve resources and energy by providing products and engineering technology in harmony with the environment. In this fair we will present our measures to prevent global warming through steel manufacturing operations and our engineering technologies for energy conservation and recycling.

C-22 Sumitomo Heavy Industries,Ltd.

●〒141-6025 ThinkPark Tower 2-1-1 Osaki, Shinagawa-ku, Tokyo
●TEL.03-6737-2592 ●FAX.03-6866-5113
●e-mail : Itk_Watanabe@shi.co.jp
●URL : <http://www.shi.co.jp/>

POINT

This exhibit focuses on the Circulating Fluidized Bed (CFB) Boiler of Sumitomo Heavy Industries and Foster Weller, highlighting the technology and performance record of this product. Sumitomo's CFB boiler achieves highly efficient and stable combustion through the use of renewable energy sources such as biomass. Supplying this product to industry contributes to reducing CO2 emissions.

C-23 Live Environment Live innovation Renewal Association

●〒210-0014 Within Fujiks Co, Ltd. 1-8-2 Kaizuka, Kawasaki-ku, Kawasaki, Kanagawa
(Due to renovation, temporarily moved to the address below: Haitou Tomy S 2F 1-1-4 Watarida, Kawasaki-ku, Kanagawa)
●TEL.044-246-0885 ●FAX.044-245-5871
●e-mail : info@lelira.gr.jp ●URL : <http://www.lelira.gr.jp>

POINT

1. Rirasytem (photocatalytic heat shielding method): The idea for the Rirasytem was generated by this association. This system reduces CO2 emissions through pollution control, insulation and heat-shielding, condensation suppression, sound proofing, and deodorizing. 2. Minus ion- and water-based heat-shielding and insulating paint: Effective in deodorizing and ensuring safety (system idea). 3. UV Coat: When affixed to glass, it cuts ultraviolet rays and thereby reduces CO2.

C-15 Safeco Japan Sales co.Ltd

●〒211-0016 227-2 Ichinotsubo, Nakahara-ku, Kawasaki, Kanagawa
●TEL.044-455-0132 ●FAX.044-455-0139
●e-mail : suzuki@safeco.jp

POINT

・ Exhibits of LED lighting equipment. ・ Exhibits of products that contribute to reducing global warming, and paints with heat-shielding and insulating properties.

C-05 Shoei Co.,Ltd.

●〒211-0051 1-19-23 Miyauchi, Nakahara-ku, Kawasaki, Kanagawa
●TEL.044-766-3080 ●FAX.044-755-4288
●e-mail : shoei@shoei-roka.co.jp
●URL : <http://www.shoei-roka.co.jp/>

POINT

Shoei Engineering, a filtration equipment manufacturer, will present proposals for a lineup of products based on the concept of bath heating device safety, energy conservation, and comfort-ing Grenovation Technology, and accompany these proposals with exhibits of the actual products.

C-12 Taiyoudenon Corporetion

●〒211-0025 2-23-20 Kizuki, Nakahara-ku, Kawasaki, Kanagawa
●TEL.044-431-1450 ●FAX.044-431-1451
●e-mail : ooke@tydo.co.jp
●URL : <http://www.tydo.co.jp>

POINT

This exhibit features wind power generators (WINTEX Series) and other electric generators developed by Taiyo Denon. The company sells wind power generators as single items and presents proposals for hybrid power generating systems that combine wind power generators with solar power generators (product of another company sold separately). In addition, the generators contained within wind power generators are sold as single items.

C-18 Shoene Corporation., Ltd.

●〒229-1132 1-11-23 Hashimotodai, Sagami-hara, Kanagawa
●TEL.042-770-7503 ●FAX.042-770-7513
●e-mail : mogi@kk-sen.com

POINT

This exhibit features a fluorescent light inverter for two 40W lamps and fluorescent light equipment that uses this inverter. We invite you to experience illumination with low electric power consumption. Using electronic circuits that are environmentally-friendly, sturdy and long-lasting, this inverter reduces CO2 by 35%. It also extends the life of lamps and contributes to reducing industrial waste.

C-20 DME VEHICLE PROMOTION COMMITTEE

●〒338-0003 2-10-8-103 Honmachi Higashi, Chuo-ku, Saitama
●TEL.048-853-8685 ●FAX.048-853-8689
●e-mail : wakasa_ryoji@dme-vehicle.org
●URL : <http://www.dme-vehicle.org/>

POINT

DME (Dimethyl Ether) is a new energy synthesized artificially from biomass, plastics, kitchen waste or from various materials such as coal and natural gas (multi-source). A substance with a chemical structure whereby carbon is linked by oxygen, it does not emit black smoke regardless of how it is burned. Although it has properties similar to LP gas, it can be used in diesel engines. It is a clean energy that will be widely used in the near future.

C-04 New Energy and Industrial Technology Development Organization

●〒212-8554 Muza Kawasaki Central Tower 1310 Omiyacho, Saiwai-ku, Kawasaki, Kanagawa
●TEL.044-520-5151 ●FAX.044-520-5154
●e-mail : hashidakh@nedo.go.jp
●URL : <http://www.nedo.go.jp>

POINT

The New Energy and Industrial Technology Development Organization contributes to the strengthening of Japan's industrial technology capacity and to the solving of energy and global environmental problems. Our exhibit in this fair will feature the NEDO House, which applies sophisticated technologies for new energy, energy conservation, and the environment. The exhibit will also include scrap wood utilization, and mega solar and super-conduction technology.

C-17 TERA ENTERPRISE Co.,Ltd

●〒254-0051 12-9 Toyoharacho, Hiratsuka, Kanagawa
●TEL.0463-33-3070 ●FAX.0463-33-0904
●e-mail : terachi@tera-ep.co.jp
●URL : <http://www.tera-ep.co.jp/>

POINT

Tera Enterprises develops various ceramic materials with differing functional properties by means of special (patented) technology utilizing the high functional characteristics of natural zeolite. The company manufactures various materials and products for a variety of uses: for recovering drinking water by means of hydrogen ions, for preventing oxidation of machine and cooking oil, for preserving freshness, and for improving, as an additive, the combustion efficiency of petroleum fuels. These materials and products take advantage of an oxidation-reduction potential of minus 220 volts.

C-14 STAX CO.LTD

●〒211-0011 1750 Shimonumabe, Nakahara-ku, Kawasaki, Kanagawa
●TEL.044-433-1611 ●FAX.044-433-2218
●e-mail : k-hoshino@stax-tqs.co.jp
●URL : <http://www.stax-tqs.co.jp>

POINT

Unlike warm air heaters that operate by burning oil, this heater warms facilities efficiently by combining heated air with steam produced by heating tap water to 200°C and blowing the vapor out. This heater is used in agricultural and horticultural houses, farm workplaces, poultry and livestock raising facilities, and other facilities averse to drying, and is also used for spot heating.

C-11 Tokyo Gas Co.,Ltd.

●〒210-0023 6-1 Ogawacho, Kawasaki-ku, Kawasaki, Kanagawa
●TEL.044-211-7212 ●FAX.044-211-7138
●e-mail : t-okano@tokyo-gas.co.jp
●URL : <http://www.tokyo-gas.co.jp>

POINT

Comfortable living and environmentally-sound urban development centered on natural gas. ・ Exhibit of a model of "ENE-FARM," a fuel cell for household use. ・ Presentation of "TEAM-ENERGY," the local production and local consumption of energy. ・ Introduction of a highly efficient burner system that achieves exceptionally high energy savings in the industrial field; other exhibits.

C-06 The Tokyo Electric Power Company, Inc.

●〒230-8510 1-1 Bentendori, Naka-ku, Yokohama, Kanagawa
 ●TEL.045-394-1526 ●FAX.045-212-8800
 ●e-mail : sekimoto.s@tepco.co.jp
 ●URL : <http://www.tepco.co.jp/>

POINT

・ Mega Solar power generation in Kawasaki City's coastal area through a joint project with the City of Kawasaki (Presentation of the status of performance verification tests and panel exhibits). ・ The Kawasaki thermoelectric power station, which achieves a thermal efficiency of 59%, the highest in the world. (Environmental protection measures (CO2 reduction) through the MACC power generation system). Supply of steam to industrial complexes. ・ EV (Zero emissions of gas during operation, major reduction in CO2).

D-32 KANAGAWA SHIMBUN

●〒231-8445 2-23 Ota-machi, Naka-ku, Yokohama, Kanagawa
 ●TEL.045-227-0080 ●FAX.045-227-0095
 ●e-mail : dokusha@kanagawa-np.co.jp
 ●URL : <http://www.kanaloco.jp/>

POINT

(1) Distribution of current-day newspaper space along with a special feature on the Kawasaki International Eco-Tech Fair (offprint). (2) Acceptance of applications for newspaper subscriptions (including acceptance of applications for trial subscriptions).

C-10 YOKOHAMA NATIONAL UNIVERSITY

●〒240-8501 79-5 Tokiwadai, Hodogaya-ku, Yokohama, Kanagawa
 ●TEL.045-339-4447 ●FAX.045-339-4387
 ●e-mail : sangaku.sangaku@nuc.ynu.ac.jp
 ●URL : <http://www.ynu.ac.jp/>

POINT

Research performed by Yokohama National University centers on the production, from biomass and solar energy, of clean and eco-friendly energy that can serve as an alternative to fossil fuels and help to prevent global warming. This exhibit focuses particularly on research into hydrogen production by fermentation from biomass (kitchen waste, molasses, seaweed, glycerin, and bean curd lees) using bacteria with a view to supplying fuel to fuel cell automobiles. (Faculty of Education and Human Sciences, Course of Environmental Science, Professor Shigeharu Tanisho)

D-12 KANAGAWA DESIGN FORUM "ZERO·PROJECT"

●〒231-0015 Kanagawa Chusho Kigyo Center 6F 5-80 Onoe-cho, Naka-ku, Yokohama, Kanagawa
 ●TEL.045-681-2341 ●FAX.045-681-2342
 ●e-mail : info@kdf.or.jp
 ●URL : <http://www.kdf.or.jp/>

POINT

This exhibit concerns the activities of the Eco-Designer Group "Zero Project."

CORPORATE ENVIRONMENTAL INITIATIVES



D-25 Kawasaki Compact

●〒210-8577 Environmental Promotion Office, Environment Bureau 1 Miyamoto-cho, Kawasaki-ku, Kawasaki, Kanagawa
 ●TEL.044-200-2169 ●FAX.044-200-3921
 ●e-mail : 30kokuse@city.kawasaki.jp
 ●URL : <http://www.kawasaki-compact.com/>

POINT

Kawasaki City participated in the United Nations Global Compact in 2006. This exhibit presents panels illustrating the efforts of the Kawasaki Compact, which promotes the principles of the UN Global Compact in Kawasaki City. The efforts of 10 participating companies concerning measures of the Business Compact, which supports the CSR activities of firms located in the city, will also be presented.

D-05 ASAHIKASEI CHEMICALS CORPORATION

●〒101-0051 Jimbocho Mitsui Bldg. 1-105 Kanda-Jimbocho, Chiyoda-ku, Tokyo
 ●TEL.03-3296-3200 ●FAX.03-3296-3448
 ●e-mail : masuda.ag@om.asahi-kasei.co.jp
 ●URL : <http://www.asahi-kasei.co.jp/membrane/index.html>

POINT

This exhibit presents the precision filtration membrane Microza®, MF which is used in water and sewage systems and in the removal of pollutants from, and the recycling of, industrial waste water. The exhibit also features the ultrafiltration membrane UF and Asahi Kasei Life Spot, a drinking water supply system which uses Microza® membranes to filter groundwater.

D-21 Glocal Environment Knowledge Centre, City of Kawasaki · Municipal Research Institute for Environmental Protection, City of Kawasaki

●〒212-0013 66-20 Horikawa-cho, Saiwai-ku, Kawasaki, Kanagawa
 ●TEL.044-522-3286 ●FAX.044-522-3267
 ●e-mail : 30kangic@city.kawasaki.jp
 ●URL : <http://www.city.kawasaki.jp/30/30kangic/home/home/index.html>

POINT

This exhibit concerns projects for the collection and dissemination of information on environmental technology carried out by the Kawasaki City Environmental Technology Information Center established in May of this year in anticipation of the construction of the Environment Institute. It also introduces collaborative projects among industry, academia, and the public/private sectors and international cooperative projects concerning environmental technology, which the above center is promoting in concert with the Kawasaki City Pollution Research Institute.

D-04 AJINOMOTO CO., INC. Kawasaki Administration & Coordination Office

●〒210-8680 1-1 Suzuki-cho, Kawasaki-ku, Kawasaki, Kanagawa
 ●TEL.044-233-0322 ●FAX.044-245-1538
 ●e-mail : satoshi_suzuki@ajinomoto.com
 ●URL : <http://www.ajinomoto.co.jp/>

POINT

1. Content of exhibit: Company's efforts toward protecting the environment. 2. Description of products exhibited. 1) Low-carbon society: Contribution of amino acids to the environment, e.g. lysine. 2) Recycling-oriented society: (1) "Biocycle" of amino acid fermentation, e.g., "Aji no Moto" (product name); (2) Effective use of raw materials, e.g., "Hondashi" (product name); (3) Containers and packaging 3R, e.g., gift salad oil "Kankyo Ippin." 3) Efforts by the Kawasaki Plant; encouraging action to protect the environment through the making of eco-packs.

D-23 Institute of Industrial Promotion Kawasaki

●〒212-0013 66-20 Horikawa-cho, Saiwai-ku, Kawasaki, Kanagawa
 ●TEL.044-548-4141 ●FAX.044-548-4146
 ●e-mail : kayahara@kawasaki-net.ne.jp
 ●URL : <http://www.kawasaki-net.ne.jp/>

POINT

This exhibit concerns measures taken to support the advancement of local small and medium enterprises (SMEs) including SME network support, provision of technical and management information, support for initiating business ventures and start-ups, and support for expansion into new areas of business. The exhibit also introduces member companies which handle environment-related technologies and products, and presents business auditions.

D-29 Kanagawa Prefectural Council for Promotion Business and Industrial Establishment

●〒231-8588 1 Nihon Odori, Naka-ku, Yokohama, Kanagawa
 ●TEL.045-210-5573 ●FAX.045-210-8875
 ●e-mail : invest_k@pref.kanagawa.jp
 ●URL : <http://k-yuchi.jp/index.html>

POINT

This exhibit deals with subjects including the special characteristics of Kanagawa Prefecture, the preferred treatment system for companies locating in the area, and land for business uses currently on sale. The special characteristics of Kanagawa Prefecture, including its large population, proximity to Tokyo, and concentration of research organization, will be presented. Information will be provided concerning the "Invest Kanagawa" initiative to attract companies to the prefecture, the preferred treatment of prefectural local governments, and the land for business use now on sale.

D-30 THE KAWASAKI CHAMBER OF COMMERCE & INDUSTRY

●〒210-0007 11-2 Ekimae Honcho, Kawasaki-ku, Kawasaki, Kanagawa
 ●TEL.044-211-4112 ●FAX.044-211-4118
 ●e-mail : kikaku@kawasaki-cci.or.jp
 ●URL : <http://www.kawasaki-cci.or.jp/>

POINT

As a regional economic organization, the Kawasaki Chamber of Commerce and Industry seeks to encourage and stimulate emerging enterprises through business solutions activities, manufacturing support, human resources development, assistance to small and medium enterprises, and the revitalization of shopping malls and arcades, with a view to creating vigorous companies and new industries.

D-31 KAWASAKI MONODUKURI BRAND Promotion Conference

●〒210-8577 1 Miyamoto-cho, Kawasaki-ku, Kawasaki, Kanagawa
●TEL.044-200-2324 ●FAX.044-200-3920
●e-mail : 28kogyo@city.kawasaki.jp
●URL : <http://www.k-monobrand.com/>

POINT

From 2004 to the present, the Kawasaki Manufacturing Brand Promotion Council (Chairman: Katsuhito Hiroshi, head of the Kawasaki Chamber of Commerce and Industry) certified 36 products for the purpose of promoting, in Japan and overseas, the excellent industrial products developed by small and medium manufacturing companies in Kawasaki City, and linking these efforts to the revitalization of local industry.

D-28 Industrial city network promotion conference Shinagawa-city/ JET NEKO Co.,Ltd

●〒140-8715 2-1-36 Hiromachi, Shinagawa-ku, Tokyo
●TEL.03-5498-6333 ●FAX.03-5498-6338
●e-mail : sangyo@city.shinagawa.tokyo.jp
●URL : <http://www.city.shinagawa.tokyo.jp/>

POINT

We undertake the assembly of solar panels tailored to customers' requirements taking even small-lot orders. Our own products include the solar-powered cellular phone charger Sola Neko, the solar-powered outside light Sola Kirin, and the solar-powered generator Sola Unagi. These products are sold in Japan and also exported overseas.

D-07 Kirin Brewery Company, Limited

●〒231-0015 Kirin Yokohama Bldg. 8F 5-78 Onoei-cho, Naka-ku, Yokohama, Kanagawa
●TEL.045-641-9561 ●FAX.045-662-0858
●e-mail : t-hanaue@kirin.co.jp
●URL : <http://www.kirin.co.jp/>

POINT

Kirin Brewery Company, Ltd. is involved in efforts to protect the global environment with a view to achieving a sustainable society. In June of last year, Kirin Beer became the first to be certified as a manufacturer under the "Eco-First System" established by the Ministry of the Environment. This exhibit concerns the prevention of global warming, effective utilization of resources, efforts to protect water resources, and Kirin Beer Company's founding in Kanagawa.

D-28 Industrial city network promotion conference Hachioji-city/ ARAYGA CO.,Ltd.·ENA Co.,Ltd.

●〒192-8501 3-24-1 Motohongo-cho, Hachioji, Tokyo
●TEL.042-620-7379 ●FAX.042-627-5951
●e-mail : kashiwada_koki@city.hachioji.tokyo.jp
●URL : <http://www.city.hachioji.tokyo.jp/sangyo/index.html>

POINT

This exhibit features two excellent companies located in Hachioji City · ARAYGA Co., Ltd.: The exhibit introduces the company's transparent heat-shielding coating for glass, its heat-shielding and insulating paint for outside walls and roofs, and a special heat sink for improving the efficiency of air conditioners. · ENA Co., Ltd.: The exhibit introduces GREENBOX, a combustion improvement device that reduces CO2 emissions of engines and boilers by more than 10%.

D-28 Industrial city network promotion conference Itabashi-city/ Itabashi ward office glass recycle project team

●〒173-8501 2-66-1 Itabashi, Itabashi-ku, Tokyo
●TEL.03-3579-2258 ●FAX.03-3579-2249
●e-mail : s-recycle@city.itabashi.tokyo.jp
●URL : <http://www.city.itabashi.tokyo.jp>

POINT

This exhibit concerns the development of interlocking blocks containing water-holding glass developed through cooperation between government and the private sector. Compared with asphalt and concrete, this block reduces road surface temperature by as much as 15 degrees and is therefore effective for mitigating heat islands. Various other products developed by the project team will also be exhibited.

D-28 Industrial city network promotion conference Hitachi-city/ Hitachi Regional Technical Support Center

●〒316-0032 2-20-1 Nishinarusawa-cho, Hitachi, Ibaraki
●TEL.0294-25-6121 ●FAX.0294-25-6125
●e-mail : o_koyama@hits.or.jp

POINT

This exhibit is presented by small and medium enterprises based in Hitachi City. 1. Bio Clean Co., Ltd., which manufactures equipment for treating (organic) kitchen waste (using biological processes). 2. Clean Maintenance Co., Ltd., which produces kits for cleaning the inside of household air conditioners. 3. Ibaso Planning Company, which manufactures eco-boxes for packaging gifts. 4. Media Brain, which produces LED lighting.

D-28 Industrial city Network promotion conference Ota-city/ KYORITSU CHEMICAL-CHECK Lab.,Corp.·TECH TAIYO KOGYO CO.,LTD

●〒144-0035 Ota-ku Industrial Plaza 1-20-20 Minami-Kamata, Ota-ku, Tokyo
●TEL.03-3733-6183 ●FAX.03-3733-6103
●e-mail : ota-pio@msc.biglobe.ne.jp
●URL : <http://www.city.ota.tokyo.jp/sangyo/>

POINT

This exhibit features products that contribute to the environmental field developed by companies that have won the "Ota-ku Small and Medium Enterprise New Products and Technologies Competition." Kyoritsu Chemical-Check Lab., Corp.: Pack Test and Digital Pack Test, two simplified water quality measuring devices, Tech Taiyo Kogyo Co., Ltd.: ECostCoat, an eco-friendly paint that does not harm the environment.

D-10 SANNAI AUTOMATION Co., Ltd.

●〒211-0043 16-14 Shinjonaka-cho, Nakahara-ku, Kawasaki, Kanagawa
●TEL.044-751-6361 ●FAX.044-777-0052
●e-mail : t.ichikawa@sannai.co.jp
●URL : <http://www.sannai.co.jp>

POINT

Camera systems today must be safe and worry-free. This exhibit presents the ceiling-mounted Speed Dome Camera which can be operated remotely and can monitor a field of 360 degrees. Cameras such as these can be used for multiple purposes, not only for crime prevention but also for monitoring production lines.

D-28 Industrial city network promotion conference Kawasaki-city/ Nihon Rikagaku industry co.

●〒210-8577 1 Miyamoto-cho, Kawasaki-ku, Kawasaki, Kanagawa
●TEL.044-200-2324 ●FAX.044-200-3920
●e-mail : 28kogyo@city.kawasaki.jp
●URL : <http://www.city.kawasaki.jp/index.html>

POINT

Japan Rikagaku Industry Co. has established the first model plant in Japan that employs many disabled persons. At present, 70% of these employees are mentally handicapped. Chalk made at this plant from dustless calcium carbonate recycled from scallop shells holds the top share of the market in Japan. The company also manufactures and sells solid markers primarily for children, which use paraffin as their principal raw material which can also be used in cosmetics because it releases no powder or odor.

D-03 C.M.J.Corp

●〒245-0067 1489-1 Fukaya-cho, Totsuka-ku, Yokohama, Kanagawa
●TEL.045-858-4111 ●FAX.045-858-4141

POINT

Cool Mist is a system that reduces temperature by generating a superfine mist using a cutting-edge high-pressure pump and a 10 micron nozzle, dispersing the mist with a high output fan and capturing surrounding heat through the resulting transpiration.

D-28 Industrial city network promotion conference Sagami-hara-city/ Kyoritsu.Co.,Ltd

●〒229-8611 2-11-15 Chuou, Sagami-hara, Kanagawa
●TEL.042-769-8237 ●FAX.042-754-1064
●e-mail : in-pro11@city.sagami-hara.kanagawa.jp
●URL : <http://city.sagami-hara.kanagawa.jp/>

POINT

This exhibit presents an overview of the activities of this enterprise, which includes the formulation of proposals for equipment systems aimed at achieving high value-added recycling by means of order-made equipment. The equipment to be manufactured and marketed includes drying and carbonization equipment for converting unused residues of biomass to safe livestock feed and fuels, crushing and separating equipment for recycling food packaging and PET bottles, and equipment for vacuum deposition and precision sublimation.

D-21 Carbon Challenge Kawasaki Eco Conference

●〒210-8577 Environmental Promotion Office, Environment Bureau 1 Miyamoto-cho, Kawasaki-ku, Kawasaki, Kanagawa
●TEL.044-200-2514 ●FAX.044-200-3921
●e-mail : 30tisui@city.kawasaki.jp
●URL : <http://www.cckawasaki.jp/>

POINT

This exhibit concerns the activities of the CC Kawasaki Eco-Conference and the Council for the Promotion of Initiatives Against Global Warming in Kawasaki, which are organizations that promote measures by Kawasaki City against global warming. Of particular interest is a campaign to "Stop Global Warming Initiated in Kawasaki", which will be introduced through an exhibit to be held on the pedestrian deck located near Musashi Mizonokuchi Station on March 20.

D-20 Mitsui O.S.K. Lines, Ltd.

●〒105-8688 2-1-1 Toranomon, Minato-ku, Tokyo
●TEL.03-3587-6293 ●FAX.03-3587-7722
●e-mail : tadashi.yasukochi@mail.mol.co.jp
●URL <http://www.mol.co.jp>

POINT

This exhibit concerns environmental technology used in marine transportation, focusing on energy-saving technology associated with propellers and reducing environmental load through improvements in transport efficiency by means of super-large ships.

D-14 TOSHIBA Group (TOSHIBA PLANT SYSTEMS & SERVICES CORPORATION)

●〒212-8551 Muza Kawasaki Central Tower 1310 Omiyacho, Saiwai-ku, Kawasaki, Kanagawa
●TEL.044-548-7711 ●FAX.044-548-7884
●e-mail : eco.master@toshiba-tpsc.co.jp
●URL : <http://www.toshiba-tpsc.co.jp/eco>

POINT

This exhibit concerns an environmental information integration system which enables effective environmental management by integrating various environmental information that is required in order to meet regulations and to perform voluntary environmental management. The exhibit also introduces the Environment Communication Club, which features an environmental learning game for permanent exhibit which can be enjoyed by kids and adults alike.

D-08 SHOWA DENKO K.K. Kawasaki Plant

●〒210-0867 5-1 Ougimachi, Kawasaki-ku, Kawasaki, Kanagawa
●TEL.044-322-6813 ●FAX.044-355-8435
●e-mail : Megumi_Yano@sdk.co.jp
●URL : <http://www.sdk.co.jp/index.html>

POINT

・ The exhibit features a project for producing ammonia through highly-efficient recycling of chemical products by means of gasification of used plastics. ・ The aluminum can recycling activities of the Showa Denko Group will also be presented.

D-14 TOSHIBA Group (TOSHIBA LIGHTING & TECHNOLOGY CORPORATION)

●〒140-8660 JN Bldg. 2-2-13 Minami-Shinagawa, Shinagawa-ku, Tokyo
●TEL.03-5463-8800 ●FAX.03-5463-8830
●e-mail : Please visit the HP for more information.
●URL : <http://www.tlt.co.jp/>

POINT

Toshiba Lighting & Technology Corporation was the first company in Japan to manufacture incandescent bulbs. Because of rising concerns about the environment, the company has abandoned production of conventional light bulbs and has taken up the challenge of developing new lighting technologies. In this exhibit, we introduce our LED lighting equipment, which can save energy and reduce CO2 to a far greater extent than conventional light bulbs, and our bulb-shaped fluorescent lamps.

D-27 NIPPON OIL CORPORATION

●〒105-8412 1-3-12 Nishi-Shinbashi, Minato-ku, Tokyo
●TEL.03-3502-1131 ●FAX.03-3502-9352
●e-mail : tomoyoshi.miyakawa@eneos.co.jp
●URL : <http://www.eneos.co.jp/>

POINT

This exhibit concerns efforts toward the environment by the ENEOS Nippon Oil Group, whose management principle is "Harmony with the Global Environment." It focuses primarily on a household fuel cell system which allows electricity to be generated at home while hot water is being drawn and thus contributes significantly to reducing environmental load in terms of reducing CO2 and saving energy.

D-11 Japan Freight Railway Company

●〒102-0072 3-13-1, Iidabashi, Chiyoda-ku, Tokyo
●TEL.03-3239-9333 ●FAX.03-3239-9343
●e-mail : n_kibayashi@jrfreight.co.jp
●URL : <http://www.jrfreight.co.jp/>

POINT

This exhibit uses panels and images to illustrate the system and characteristics of railway freight transport, the most environmentally-friendly means of transportation. It also presents an overview of "Clean Kawasaki," a train which transports Kawasaki City's waste.

D-26 Organization for Small & Medium Enterprises and Regional Innovation, JAPAN

●〒105-8453 Toranomon 37 Mori Bldg. 3-5-1 Toranomon, Minato-ku, Tokyo
●TEL.03-5470-1517 (Environment) ●FAX.03-5470-1526 (Environment)
●TEL.03-5470-1522 (International) ●FAX.03-5470-1527 (International)
●URL : <http://www.smrj.co.jp>

POINT

(Environment) This organization provides support to small and medium enterprises (SMEs) to enable them to deal with the propagation of laws concerning the environment and to comply with these laws in an efficient manner. (International) The organization also helps SMEs with problems concerning overseas business expansion. Visitors are invited to take advantage of the free consultations that will be provided concerning these issues.

D-09 NIHON GENRYO Co., Ltd.

●〒210-0005 1-2 Higashida-cho, Kawasaki-ku, Kawasaki, Kanagawa
●TEL.044-222-5555 ●FAX.044-222-5556
●e-mail : ohzeko@genryo.co.jp
●URL : <http://www.genryo.co.jp>

POINT

In this exhibit, the basic principle of siphon cleaning behind the Siphon Tank sand filtration equipment for water treatment is presented. Incorporating this cleaning principle in filters used in tap water and waste water treatment processes eliminates the need to replace filters and allows major reductions in operation and maintenance costs for adjusting the quantity of backwash water and the like. This is next-generation environmentally-friendly water treatment equipment.

D-13 DC Co.,Ltd.

●〒210-0005 Parale Mitsui Bldg. 17F 8 Higashida-cho, Kawasaki-ku, Kawasaki, Kanagawa
●TEL.044-223-4762 ●FAX.044-223-4763
●e-mail : nito_nobukazu@dccorp.jp
●URL : <http://www.dccorp.jp/>

POINT

The recycling of industrial waste and by-products generated in the vicinity of Kawasaki to provide the raw materials and fuel for cement production can reduce CO2 emissions by 6%. In addition, by using the special blended cement, whose technical development was performed by DC Company, CO2 emissions can be reduced by up to 60% compared with those emitted in the manufacture of conventional cement.

D-18 NEC Corporation

●〒220-6207 2-3-5 Minato Mirai, Nishi-ku, Yokohama, Kanagawa
●TEL.045-682-4511 ●FAX.045-682-4520
●e-mail : k-tanaka@eu.jp.nec.com
●URL : <http://www.nec.co.jp/>

POINT

The NEC Group is working to achieve an information-oriented society that exists in harmony with the global environment by focusing on three areas: consideration for the environment in the development of the company's own products, reducing the environmental load of customers who have introduced our products, and supporting environmental businesses. Our exhibit presents typical environmental solutions and environmentally-friendly products.

D-14 TOSHIBA Group (Social Infrastructure Systems Company)

●〒105-8001 1-1-1 Shibaura, Minato-ku, Tokyo
●TEL.03-3457-4305 ●FAX.03-3457-9290
●e-mail : info_Dr.bio@jsn.toshiba.co.jp
●URL : <http://www3.toshiba.co.jp/snis/>

POINT

This company conducts a business that trades greenhouse gas emission credits as a CDM operation. As an example of the company's activities, the exhibit presents a system that simultaneously reduces CO2 and methane by subjecting highly-concentrated organic waste water discharged from a starch plant in Vietnam to methane fermentation treatment.

D-19 Kanto Branch Of Japan Patent Attorneys Association

●〒100-0013 3-4-2 Kasumigaseki, Chiyoda-ku, Tokyo
●TEL.03-3519-2751 ●FAX.03-3581-9188
●e-mail : info-kanto@jpaa.or.jp
●URL : <http://www.jpaa-kanto.jp/>

POINT

For its presentation, the Japan Patent Attorneys Association Kanto Branch will distribute various pamphlets concerning the support of intellectual property rights and explain the Patent Attorney Locator, a reference for looking up patent attorneys. There will also be an area where visitors can obtain a free patent consultation by a patent attorney. In addition, an intellectual property seminar guided by a patent attorney will be held at 10:00 a.m. on February 18.

D-06 PC 3R Promotion Center

●〒101-0052 Nakakita Bldg. 7F 3-8 Kanda-Ogawamachi, Chiyoda-ku, Tokyo
 ●TEL.03-5282-7685 ●FAX.03-3233-6091
 ●e-mail : taka-suzuki@pc3r.jp : k-sata@pc3r.jp
 ●URL : <http://www.pc3r.jp>

POINT

This exhibit displays panels and samples of materials made from recycled resources in order to illustrate a system for collecting and recycling personal computers from households and businesses. This system is being operated by PC manufacturers and other companies based on the law for the promotion of effective utilization of resources. The exhibit also includes a PC quiz on recycling.

INTERNATIONAL RELATIONS



E-02 Initiative for Development of Entrepreneurship in Asia

●〒212-0013 Institute of Industrial Promotion Kawasaki 3F 66-20 Horikawa-cho, Saiwai-ku, Kawasaki, Kanagawa
 ●TEL.044-542-5811 ●FAX.044-542-5812
 ●e-mail : info@asia.or.jp
 ●URL : <http://www.asia.or.jp/>

POINT

Established as a special international environment zone project, the Initiative for Development of Entrepreneurship in Asia is an NPO started up in Kawasaki for administration of the business community by using 'Asia Power' to the fullest extent in efforts such as discovering entrepreneurs and creating environmental business. Our booth will present the products of two companies which are members of the Initiative for Development of Entrepreneurship in Asia, namely, Tokyo Electronics Industry Co., Ltd., which manufactures silicon for solar cells, and CJ Niche Co., Ltd., which develops photocatalysis-related products.

D-24 Eight Municipal Government Leader's Summit

●〒210-8577 Environmental Promotion Office, Environment Bureau 1 Miyamoto-cho, Kawasaki-ku, Kawasaki, Kanagawa
 ●TEL.044-200-2514 ●FAX.044-200-3921
 ●e-mail : 30tisui@city.kawasaki.jp
 ●URL : <http://www.8tokenshi-kankyoku.jp/>

POINT

This exhibit concerns measures against global warming taken by the Eight Tokyo Metropolitan Area Municipalities Summit (Saitama Prefecture, Chiba Prefecture, Tokyo, Kanagawa Prefecture, Yokohama City, Kawasaki City, Chiba City, and Saitama City) so as to present an appeal from the Tokyo Metropolitan Area to promote measures against global warming.

E-10 Japan for Sustainability

●〒214-0034 1-12-5-138 Mita, Tama-ku, Kawasaki, Kanagawa
 ●TEL.044-933-7639 ●FAX.044-933-7639
 ●e-mail : saigusa@japanfs.org
 ●URL : <http://www.japanfs.org/>

POINT

This organization operates a website that translates Japan's excellent environmental information into English and disseminates it around the world. The site is read by people concerned with government, research, and the media in 191 countries. In addition, we are currently carrying out an indicators project for increasing people's awareness of Japan's commitment to sustainability, and holding seminars and lectures concerning the environment.

D-01 FUJITSU LIMITED

●〒105-7123 Shiodome City Center 1-5-2 Higashi-Shinbashi, Minato-ku, Tokyo
 ●TEL.03-6252-2194 ●FAX.03-6252-2758
 ●e-mail : watanabe.hm@jp.fujitsu.com : yukiko-@jp.fujitsu.com
 ●URL : <http://jp.fujitsu.com/about/csr/>

POINT

This exhibit focuses on the environmental protection measures implemented by Fujitsu's Kawasaki Plant (in Musashi Nakahara) and on the environmental information system "e-FEINS" which supports operations ranging from the submission of reports to environmental administration offices and on-site inspections to regulations and planning and public relations. Also featured is the harmful chemical substances data management system "PLEMIA/ECODUCE."

E-03 Shanghai Environmental Protection Industry Group

●〒212-0013 Entrepreneur Asian Village Promotion Organization, Institute of Industrial Promotion Kawasaki 3F 66-20 Horikawa-cho, Saiwai-ku, Kawasaki, Kanagawa
 ●TEL.044-542-5811 ●FAX.044-542-5812
 ●e-mail : info@asia.or.jp ●URL : <http://www.asia.or.jp/>

POINT

Between 1:30 - 3:30 p.m. on February 17 (Tuesday), a presentation by the Shanghai Environmental Protection Industry Group will be held on the presentation stage (Eco-tech Procurement Exhibition). The booth will display brochures and other literature of 10 companies in Shanghai Environmental Industries announced in the presentation. We invite you to take this opportunity to consider participating in the Shanghai market with a view to establishing alliances with Shanghai's environmental industries.

D-02 FUJITSU DESIGN LIMITED

●〒211-8588 Main Building 7F Kawasaki Research & Manufacturing Facilities 4-1-1 Kamikodanaka, Nakahara-ku, Kawasaki, Kanagawa
 ●TEL.044-754-3751 ●FAX.044-754-3481
 ●e-mail : oda.tohru@jp.fujitsu.com

POINT

Fujitsu Design is involved in the development of designs aimed at realizing a society that supports comfortable and fulfilling lifestyles in harmony with the global environment. This exhibit centers on next-generation IT products--devised by designers--which use recyclable materials and natural materials, and also presents our solution concepts.

E-07 Shenyang Xinchangcheng Co.,Ltd

●〒110021 Gujing Road, Dongling District, Shenyang City
 ●TEL.86-024-81346177 ●FAX.86-024-88514195
 ●e-mail : LN1949@126.com

POINT

Carbon-fiber electrothermal plate (a newly patented product for practical use; Patent No. ZI.99 2 23551.0) This is a new type of heating system which transmits heat via infra-red radiation using electric power. It represents a revolutionary new innovation in heating technology. Its special features are adjustable temperature control, long life, excellent safety, and simple maintenance. It is a green product that saves energy, provides comfort, and does not pollute.

D-22 Mitutoyo Corporation

●〒213-8533 1-20-1 Sakado, Takatsu-ku, Kawasaki, Kanagawa
 ●TEL.044-813-8201 ●FAX.044-813-8210
 ●e-mail : naoki_nakamura@mitutoyo.co.jp
 ●URL : <http://www.mitutoyo.co.jp>

POINT

Theme of exhibit: Efforts by Mitutoyo Corporation to reduce environmental load. Products exhibited: (1) Solar CD (vernier caliper). This solar-powered digital vernier caliper which requires no batteries achieves IP67-equivalent environmental protection. (2) LED lighting unit for microscopes. Uses a long-life LED with low power consumption.

E-08 Dalian Weally Hydraulic Pressure Manufacture Co.,Ltd.

●〒116100 No. 11, Jinzuan Road, Jinzhou economic development Zone, Dalian City
 ●TEL.86-0411-39336688 ●FAX.86-0411-39336699
 ●e-mail : zhangm8888@yahoo.com.cn
 ●URL : <http://www.weally.com/>

POINT

A 1780-plate belt heating continuous hydraulic rolling system. This hydraulic system finds application in large-scale plate material rolling machines and lathes. Because several dozen valves are distributed throughout the system, repeatability is excellent and precision is high.

D-17 Mu-fit Japan Corporation

●〒213-0012 KSP West 300J2 3-2-1 Sakado, Takatsu-ku, Kawasaki, Kanagawa
 ●TEL.044-850-5221 ●FAX.044-850-5222
 ●e-mail : info@mu-fit.co.jp
 ●URL : <http://www.mu-fit.co.jp>

POINT

Mu-fit is a multi-purpose micro suction pad sheet which enables items to be affixed solely by means of the strength of the suction pad without use of paste and which can be used repeatedly. Micron-unit pores fulfill the role of suction pad, and because of swift deaeration, anyone can easily apply without error. Also available are products that allow items to be affixed to difficult uneven surfaces.

E-05 China Association of Small and Medium Enterprises

●〒100045 Floor A6, Xinhua Building, No.59, Yuetannan Street, Xicheng District, Beijing City
 ●TEL.86-010-8865-3605 ●FAX.86-010-8865-3588
 ●e-mail : wudi@ca-sme.org
 ●URL : <http://www.ca-sme.org/>

POINT

Established in December 2006, the China Association of Small and Medium Enterprises (CASME) is a nationwide non-profit organization created through the initiative of small and medium enterprises (SMEs) and corporate managers throughout China. Its members include SMEs operating in different industry sectors and geographic areas, large corporations that support the development of SMEs, organizations that provide services to SMEs, and other NPOs.

INDUSTRY-ACADEMIA- GOVERNMENT COLLABORATION



F-01 ISMANJ Corporation

●〒210-0855 Think Miraikobo 1-8 Minami-Wataridacho, Kawasaki-ku, Kawasaki, Kanagawa
 ●TEL.044-873-3335 ●FAX.044-873-3336
 ●e-mail : am@ismanj.com
 ●URL : <http://www.ismanj.com>

POINT

Through the use of control-type combustion synthesis technology, this company has developed the silicon alloy Meramics® whose raw materials are metallic silicon manufactured from desert silica and nitrogen in the air. Compared with conventional iron alloys and special steel for industrial uses, this silicon alloy is 40% lighter and has twice the strength. We invite you to have a close look at Meramics® powder and molded products.

E-04 Tianjin Shanhe Environment Protection Investment and Development Co.,Ltd.

●〒300381 No.69 JunChengQianShuiWan, Nankai District, Tianjin City
 ●TEL.86-22-83959200 ●FAX.86-22-83959100
 ●e-mail : huaming@terreits.com.cn

POINT

This company's waterproof fruit packaging paper uses waste from paraffin-containing food packaging paper manufactured in pulp as its raw material. After treatment using our patented technology, the paraffin is absorbed uniformly into the paper fibers and the product can be used as waterproof fruit packaging paper.

E-06 Wuhu Zhongxing Machine Technique Development Co.,Ltd

●〒241007 Yang Wang Village, Jiuhua North Road, Wuhu City
 ●TEL.86-0553-2263008 ●FAX.86-0553-2263008
 ●e-mail : zhs@uhzhongxing.com
 ●URL : <http://www.zhongxing-china.com/>

POINT

An axle for the rear wheels of automobiles, the S21 rear shaft is a product promising for use in automobiles manufactured in China. This product is assembled from components including machined parts, pressed parts and cold-rolled steel pipe, and is an important safety component.

F-05 Kanagawa Academy of Science and Technology

●〒213-0012 KSP West 6F 3-2-1 Sakado, Takatsu-ku, Kawasaki, Kanagawa
 ●TEL.044-819-2030 ●FAX.044-819-2026
 ●e-mail : koyata@newkast.or.jp
 ●URL : <http://www.newkast.or.jp/>

POINT

This exhibit focuses on R&D concerning subjects including photocatalysis, functional surfaces with low environmental impact, and eco-friendly solid acid catalysts, and presents the results of this R&D.

E-09 Beijing Jade Bird Rainbow Science & Technology Co., Ltd

●〒100081 2003 Fuhai International Building, No.17, Daliushu Road, Haidian District, Beijing City
 ●TEL.86-010-6211-4996 ●FAX.86-010-6211-4976
 ●e-mail : xingzhao@ama-jp.cn
 ●URL : <http://www.jadebird.co.jp>

POINT

This is the local Japanese subsidiary of the Beijing University Jade Bird System. Its business activities include offshore development directed toward Japan, dispatch of IT personnel, hiring of new graduates of elite Chinese universities, and Japanese-language education.

F-04 Kanagawa Industrial Technology Center

●〒243-0435 705-1 Shimoimaizumi, Ebina, Kanagawa
 ●TEL.046-236-1500 ●FAX.046-236-1526
 ●e-mail : shigeo@kanagawa-iri.go.jp
 ●URL : <http://www.kanagawa-iri.go.jp/>

POINT

• This exhibit introduces micro fuel cells and technology for recycling food waste.

E-01 Hong Kong Environmental Industry Association/ Hong Kong Trade Development Council

●〒102-0083 Trusty Kojimachi Bldg. 6F 3-4 Kojimachi, Chiyoda-ku, Tokyo
 ●TEL.03-5210-5850 ●FAX.03-5210-5860
 ●e-mail : shunsuke.chanoki@tdc.org.hk
 ●URL : <http://japan.hktdc.com/>

POINT

The Hong Kong Environmental Industry Association is a Hong Kong industry organization established in 2000 for the purpose of promoting the environmental industry in Asia. The Hong Kong Trade Development Council is a semi-governmental organization established by the Hong Kong government in 1966 for the purpose of promoting external trade and economy. These two organizations and member companies will be introduced at a combined booth.

F-07 Kanagawa Institute of Technology

●〒243-0292 1030 Shimo Ogino, Atsugi, Kanagawa
 ●TEL.046-291-3303 ●FAX.046-291-3221
 ●e-mail : hirota.erc@kanagawa-it.ac.jp
 ●URL : <http://www.kait.jp/>

POINT

This exhibit features a system for the recovery and concentration of VOC in groundwater which operates by raising and lowering the pressure of pressurized CO2 while excluding secondary wastes. It presents the results of experiments concerning the operating performance and equilibrium relationship of small 3-column/step testing equipment which uses a combination of a high-pressure (8MPa) column and a low-pressure (4MPa) column as one column/step.

F-18 Miyamae elementary school , Hiyoshi elementary school , High school for science and technology

●〒210-0004 6 Miyamoto-cho, Kawasaki-ku, Kawasaki, Kanagawa
 ●TEL.044-200-3307 ●FAX.044-200-3950
 ●e-mail : 88kikaku@city.kawasaki.jp

POINT

This exhibit introduces the content of learning and research that takes place at Kawasaki municipal schools concerning nature and the environment, including subjects such as the rivers that flow through the area, the biology of the surrounding environment, and eco-cars competing to be the most energy efficient.

F-06 Keio University Shin-Kawasaki Town Campus

●〒212-0032 7-1 Shin-kawasaki, Saiwai-ku, Kawasaki, Kanagawa
●TEL.044-580-1580 ●FAX.044-580-1570
●e-mail : k2-tc@adst.keio.ac.jp
●URL : <http://www.k2.keio.ac.jp/>

POINT

The Shin-Kawasaki Town Campus was established in 2000 through collaboration and cooperation with the City of Kawasaki to serve as a facility for undertaking Keio University's advanced joint research by industry, government and academia. This facility pursues cutting-edge research in a diversity of fields, as well as research into high-performance electric cars and the creation of comfortable environments.

F-09 The University of Tokyo, Keio University

●〒113-8656 Faculty of Engineering Bldg. 8 7F Room 709, Room 713 7-3-1 Hongo, Bunkyo-ku, Tokyo
●TEL.03-5841-0234 (Tokyo University) ●FAX.03-5841-0234 (Tokyo University)
●e-mail : yaya@epd.t.u-tokyo.ac.jp(Yamashita), odagiri@sfc.keio.ac.jp(Odagiri)
●URL : <http://www.epd.t.u-tokyo.ac.jp/>

POINT

This laboratory has surveyed the green environment of the Kawasaki coastal area industrial belt and activities of citizens and companies, and has analyzed the belt's potential for conversion from an industrial base to an environmental base with a view to renewing the natural environment around Tokyo Bay. This exhibit presents the survey methodology and results along with a vision of a coastal area industrial belt that contributes to the global environment and the local community.

F-17 Standard Technology for Air Cleaning

●〒212-0054 Keio University Shin-Kawasaki Town Campus K Tower Room 104
7-1 Shin-Kawasaki, Saiwai-ku, Kawasaki, Kanagawa
●TEL.045-566-1572 ●FAX.045-566-1572
●e-mail : tanaka@aplc.keio.ac.jp ●URL : <http://www.stac-keio.com>

POINT

STAC Co. has developed equipment with high cyclical efficiency for removal of VOC through a low-cost diffusion scrubber technique with a high cost-benefit ratio for the aim of reducing VOC discharged from paint and printing plants. Because exhaust gas is sent through the small gaps in parallel plate and removed, ventilation resistance is small, allowing large quantities of VOC contained in exhaust gas to be removed by means of small removal equipment.

F-11 TOKYO DENKI UNIVERSITY

●〒101-8457 2-2 Kanda-Nishikicho, Chiyoda-ku, Tokyo
●TEL.03-5280-3640 ●FAX.03-5280-3649
●e-mail : crc@jim.dendai.ac.jp
●URL : <http://www.dendai.com/>

POINT

・ This exhibit concerns the recovery by cyclic adsorption of harmful metals by means of light, which is the subject of research of instructors of Tokyo Denki University (Faculty of Engineering, Department of Environmental Chemistry, Professor Takayuki Suzuki). ・ It also introduces the Industry-Government-Academia Exchange Center.

F-02 Non-Profit Organization Liaison Center for Creation of Industry & Environment

●〒212-0013 66-20 Horikawa-cho, Saiwai-ku, Kawasaki, Kanagawa
●TEL.044-522-5455 ●FAX.044-522-5455
●e-mail : npo_lcie@helen.ocn.ne.jp
●URL : <http://www.lcie-npo.jp/>

POINT

This exhibit focuses on efforts undertaken by enterprises in Kawasaki City's coastal area relating to the environment and environmental technology, and features activities including a project for modeling the general use of industrial exhaust heat and the research society for measures against heat islands.

F-12 Toyo University :Center for Regional Industrial Symbiosis Research

●〒350-8585 2100 Kujirai, Kawagoe, Saitama
●TEL.049-239-1556 ●FAX.049-231-4482
●e-mail : amurano@toyonet.toyo.ac.jp
●URL : <http://cris.eng.toyo.ac.jp/>

POINT

This center is involved in technical development and systems research aimed at achieving sustainable cities and communities focusing on the problem of general and industrial waste. This exhibit presents information on the potential of low-carbon housing developed by using cyclical symbiotic technology for improving the environment, and introduces an on-line system which supports decision-making concerning recycling.

F-16 National Institute of Advanced Industrial Science and Technology

●〒101-0021 Akihabara Dai Bldg, 10F 1-18-13, Soto Kanda, Chiyoda-ku, Tokyo
●TEL.03-5298-4718 ●FAX.03-5298-4719
●e-mail : y-hanada@aist.go.jp
●URL : <http://www.aist.go.jp>

POINT

・ Introduces energy-saving distillation technology using internal heat exchange. ・ Presents technology for the recycling of rare earth elements. ・ Introduce research into countermeasures against moderate generation of VOC.

F-15 Nippon Medical School

●〒113-8602 1-1-5 Sendagi, Bunkyo-ku, Tokyo
●TEL.03-5802-8724 ●FAX.03-5802-9355
●e-mail : nms-tlo@nms.ac.jp
●URL : <http://college.nms.ac.jp/>

POINT

In a joint project with business firms, Nippon Medical School has developed surgical gowns designed to suppress perspiration during surgery by means of a small fan affixed to the gown which evaporates perspiration and thereby disperses heat. These fan-equipped gowns will make the surgical environment of surgeons more comfortable, and if temperature in the surgery room can be regulated, they can contribute to a reduction in the amount of heat discharged from hospitals during summer.

F-10 Senshu University

●〒214-8580 2-1-1 Higashimita, Tama-ku, Kawasaki, Kanagawa
●TEL.044-911-1252 ●FAX.044-900-7803
●e-mail : kikaku@acc.senshu-u.ac.jp
●URL : <http://www.senshu-u.ac.jp/>

POINT

This exhibit focuses on publicity concerning measures against global warming using the latest Internet technology such as Web 2.0 and GoogleMapsAPI. It describes the fusion of quantitative data gathered by sensor networks formed by WEB map interfaces and qualitative data gathered through crowd-sourcing.

F-14 Nippon Veterinary and Life Science University

●〒180-8602 1-7-1 Kyonan-cho, Musashino, Tokyo
●TEL.03-5802-8724 ●FAX.03-5802-9355
●e-mail : nms-tlo@nms.ac.jp
●URL : <http://www.nvlu.ac.jp/>

POINT

This university has developed a method of removing nitrogen in order to prevent eutrophication, nitric acid pollution and build-up of foul odors at water areas caused by the nitrogen contained in dirty water from cattle barns. With existing methods, removal has been inadequate and it is necessary to adjust conditions. With the newly developed method, it is possible to remove four to six times the amount of nitrogen that can be removed by existing methods.

F-13 CIT Design

●〒275-0016 2-17-1 Tsudanuma, Narashino, Chiba
●TEL.047-478-0558 ●FAX.047-478-0558
●e-mail : toru.nagao@it-chiba.ac.jp

POINT

This exhibit presents reports on the issues of eco-design and bio-materials, two subjects taught by this department. It also describes efforts aimed at protecting the environment and ecology by means of design based on exhibits of the results of these efforts.

F-08 Hiroshima University

●〒108-0023 CIC 5F 3-3-6 Shibaura, Minato-ku, Tokyo
●TEL.03-5440-9065 ●FAX.03-5440-9117
●e-mail : ki-aikawa@hiroshima-u.ac.jp
●URL : <http://www.hiroshima-u.ac.jp/liaison/index-j.html>

POINT

1. Commercialization of tourism resources through the use of sludge and other waste. 2. Microbial fuel cell that rapidly converts surplus sludge into electric power with high yield. 3. Research into high capacity hydrogen storage materials composed of light-element substances.

F-03 Academic Consortium for Nano and Micro Fabrication

●〒152-8552 2-12-1-I 1-40 Oookayama, Meguro, Tokyo
●TEL.03-5734-3604 ●FAX.03-5734-3604
●e-mail : tsushima@mech.titech.ac.jp

POINT

This exhibit presents an overview of the Consortium of Four Universities on Nano/MicroFabrication established in March 2008 by Keio University, Waseda University, Tokyo Institute of Technology, and the University of Tokyo, focusing on the staff of researchers, organization, and fields of specialization. The exhibit also presents research results and the latest news concerning the formation of bases for alliances among industry, government, and academia.

G-06 The Tokyo Electric Power Company, Inc.

●〒230-8510 1-1 Bentendori, Naka-ku, Yokohama, Kanagawa
●TEL.045-394-1526 ●FAX.045-212-8800
●e-mail : sekimoto.s@tepco.co.jp
●URL : <http://www.tepco.co.jp/>

POINT

・ Mega Solar power generation in Kawasaki City's coastal area through a joint project with the City of Kawasaki. (Presentation of the status of performance verification tests and panel exhibits) ・ The Kawasaki Thermoelectric Power Station, which achieves a thermal efficiency of 59%, the highest in the world. (Environmental protection measures (CO₂ reduction) through the MACC power generation system; (Supply of steam to industrial complexes) ・ EV (Zero emissions of gas during operation, major reduction in CO₂)

OUTDOOR DISPLAY

G



G-07 Meiji University

●〒101-8301 1-1 Kanda-Surugadai, Chiyoda-ku, Tokyo
●TEL.03-3296-4327 ●FAX.03-3296-4283
●e-mail : tlo@mics.meiji.ac.jp
●URL : <http://www.meiji.ac.jp>

POINT

・ This exhibit features an urban-type wind power system that uses a torsion arc blade-type horizontal axis windmill, which is the product of efforts to develop low-cost urban-type wind power equipment that offers quiet operation and an impressive appearance.

G-01 KANAGAWA SPECIAL CARS CO.,LTD.

●〒210-0003 13-16 Horinouchi-cho, Kawasaki-ku, Kawasaki, Kanagawa
●TEL.044-222-2451 ●FAX.044-222-6109
●e-mail : head-office@kanatoku.com
●URL : <http://www.kanatoku.com>

POINT

(1) Exhibits of an environmentally-friendly vehicle, a waste collection truck (hybrid vehicle), and an electric car (2) Exhibits of environmental products manufactured by Fuji Heavy Industries Ltd.

G-02 Garbage Truck of Kawasaki City

●〒210-8577 Policy Administrator for Waste Products, Lifestyle and Environment Division, Environment Bureau, 1 Miyamoto-cho, Kawasaki-ku, Kawasaki, Kanagawa
●TEL.044-200-2562 ●FAX.044-200-3923
●e-mail : 30haise@city.kawasaki.jp
●URL : <http://www.city.kawasaki.jp/30/30genryo/home/menu.htm>

POINT

This exhibit presents an environmentally-friendly hybrid CNG waste collection truck using a skeleton model which shows its internal structure. The City of Kawasaki is working to reduce the volume of waste and to promote recycling through a program initiated by the city to practice 3R: Reduce-Reuse-Recycle. This skeleton waste-collection truck is used by municipal employees in environmental education provided in elementary and middle schools to convey the importance of reducing waste.

G-05 Electric Vehicle Lab., Keio University

●〒212-0032 7-1 Shin-kawasaki, Saiwai-ku, Kawasaki, Kanagawa
●TEL.044-580-1565 ●FAX.044-580-1435
●e-mail : bus@sfc.keio.ac.jp
●URL : <http://elica.com>

POINT

Ellica, which is an abbreviation of Electric Li-ion Battery Car, is an electric car that is both environmentally-friendly and delivers high performance using a lithium-ion battery as its electric power source. This is new-concept electric car—named Shuseki Daisha—which combines a lithium-ion battery with a new car body assembly technology. Designed first of all to deliver outstanding environmental performance and excellent safety, this crossover vehicle also combines the superb driving performance of a sports car and the spacious, four-seat elegance of a luxury sedan. Ellica was developed through cooperation between Keio University and supporting companies.

G-04 DME VEHICLE PROMOTION COMMITTEE

●〒338-0003 2-10-8-103 Honmachihigashi, Chuo-ku, Saitama
●TEL.048-853-8685 ●FAX.048-853-8689
●e-mail : wakasa_ryoji@dme-vehicle.org
●URL : <http://www.dme-vehicle.org/>

POINT

DME (Dimethyl Ether) is a new energy synthesized artificially from biomass, plastics, and kitchen waste or from various materials such as coal and natural gas (multi-source). A substance with a chemical structure whereby carbons are linked by oxygen, it does not emit black smoke regardless of how it is burned. Although it has properties similar to LP gas, it can be used in diesel engines. It is a clean energy that will be widely used in the near future.

CONTACT

Located in the Industrial Development Section, Industrial Development
Department, Economic and Labor Affairs Bureau, Kawasaki City

☎+81-44-200-2313
E-mail: 28kogyo@city.kawasaki.jp

●For more details about the event

<http://www.kawasaki-eco-tech.jp>