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# JETRO Bangkok Update

# Briefing on "Current Situation of Nuclear Accident at the Fukushima Dai-ichi Nuclear Power Station"

JETRO Bangkok, jointly with the Embassy of Japan in Thailand held a briefing for Thai companies and organizations, to explain current situation of Nuclear Accident at the Fukushima Dai-ichi Nuclear Power Station on 27th April 2011 from 13:30~16:00.

In the briefing, representatives from Japan Nuclear Energy Safety Organization (JNES), JETRO and the Embassy of Japan explained the current situation in Japan, of issues including: nuclear reactors, radiation levels in and around the major cities, regulations surrounding food products, regulation on exports and Tourism in Japan.

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JETRO organized the Japan booth with 10 Japanese companies in the Entech Pollutec Asia 2011 from June 1-4 at BITEC. These companies have specialized in advanced technologies and solutions, including municipal refuse heat recovery facilities, a dust collector exhaust dust monitoring sensor, a roof umbrella, a submerged mechanical aerator, etc.

The Japanese exhibitors included

- 1) Daiwa Chemical Industry Co., Ltd.: "GEN" decompression-dehydration-drying-device reduces waste fluid by distilling under reduced pressure
- Toyo Screen Kogyo Co., Ltd: Ultra TN Screen is an inclined solid/liquid separating unit with a wedge wide screen, used for separation, concentration and recovery, as well as in waste water treatment.
- 3) Daicen Membrane Systems Ltd: Emizu Shower is a new patented energy saving system for the outdoor compressor unit of air conditioner and refrigerator.
- 4) Sawaya Co., Ltd.: Roof umbrella is preventive insulate solution.
- 5) Matsushima Machinery Laboratory Co., Ltd.: dust monitor (dust monitor sensor) and dust switch (broken bag detector)
- 6) Hanshin Engineering Co., Ltd.: Aquarator (Submerged Mechanical Aerator/Agitator), Turbo, Blower, Supernatant
- 7) Hitachi Zosen Corporation: municipal refuse heat recovery (incineration) facilities
- 8) Suzuki Sangyo Co., Ltd: Powerful Aeration System "AERATOR S-1"
- 9) NTT Communications (Thailand) Co., Ltd.: Container Data Center to install the IT equipment and power supply and air conditioning facilities in the container type box of 20 feet.
- 10) Recycle Energy Co., Ltd: Provider of the best solution of latest recycle technology

ENTECH POLLUTEC ASIA 2011 is one of the most important environmental technology and renewable energy exhibitions in Asia.

# Recent Publications

# Magazines:

# Japan SPOTLIGHT Asian Oynamis Web Series & Kenney Chia Sep to Arich Total

# 1. Japan Spotlight, May/June 2011

Publisher's Note	~ The Web Revolution
i ublisher s Note	http://www.jef.or.jp/journal/jef_contents_free.asp?c=3918
Special Report	~ In the eye of the cyclone
Special Report	http://www.jef.or.jp/journal/jef_contents_free.asp?c=3919
Cover Story	~ 1 An Assessment of the Potential of ICT & its Impact on
Cover Story	Economic Growth in Asia
	http://www.jef.or.jp/journal/jef_contents_free.asp?c=3921
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	~ 1 Leading Asia's Rise: a Post-American Asia?
	http://www.jef.or.jp/journal/jef_contents_free.asp?c=3926
	~ 2 China-Japan Rivalry in Asia's Integration Process
	http://www.jef.or.jp/journal/jef_contents_free.asp?c=3927
	~ 3 Asia's Security Amid Shifting Power Balances
	http://www.jef.or.jp/journal/jef_contents_free.asp?c=3928
	~ 4 China's Ascendance as Second-largest Economy in the World
	Pondering Geopolitical Implications
	http://www.jef.or.jp/journal/jef contents free.asp?c=3929
	~ 5 Rising China, Shifting Paradigms
	What Can the Asia-Pacific Region Do?
	http://www.jef.or.jp/journal/jef_contents_free.asp?c=3930
Message	~ What Has Changed after March 11?
	http://www.jef.or.jp/journal/jef_contents_free.asp?c=3920
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Special Articles	~ 1 Ambassador's View
	TPP: A New Zealand Perspective
	http://www.jef.or.jp/journal/jef_contents_free.asp?c=3931
	~ 2 The Japanese Political Economy under Transition
	http://www.jef.or.jp/journal/jef contents free.asp?c=3932
Digital Start	~ DIGITAL START
	New Japan SPOTLIGHT Seeks to Achieve Better Global
	Governance Through Asia-Pacific Cooperation
	http://www.jef.or.jp/journal/jef_contents_free.asp?c=3933

# Events in Japan

 Osaka City Business Seminar "WHY OSAKA? -Osaka's Role Right Now-"

City of Osaka, IBPC Osaka Investment Promotion Center organized seminar on "WHY OSAKA? -Osaka's Role Right Now-" to highlight investment opportunities in Osaka and the Kansai region, the City's policies for supporting companies on June 13.

# What's new on the net?

### **New Reports from JETRO**

Below are some recently published reports now available on the JETRO website.

# Launch of Joint WTO-IDE/JETRO publication, "Trade in value-added": a new measurement of international trade

Institute of Developing Economies (IDE), JETRO and the World Trade Organisation (WTO) have launched a report on the joint research project on "trade in value-added", a new measurement of international trade at the WTO headquarters in Geneva on 6th June, 2011, chaired by Director-General Mr. Pascal Lamy and President of IDE Professor Takashi Shiraishi.

The "trade in value-added" approach enables us to redefine the relationship between the countries of origin-destination in international trade. In contrast to the orthodox concept of trade balances based on foreign trade statistics, it focuses on the value-added contents of traded goods, and considers the contribution of countries to value-added generation at each stage of production process of a given commodity. For example, it is known that China's exported goods use for their production a large amount of intermediate inputs supplied by neighbouring Asian countries. Accordingly, a significant part of Chinese export is attributable to foreign origins in terms of value-added.

The report, "Trade Patterns and Global Value Chains in East Asia: From Trade in Goods to Trade in Tasks", is a product of the first-ever joint experiment to measure and analyse "trade in value-added", by integrating IDE's experience in international input-output analyses and the WTO's expertise on international trade.

# For the full report, visit:

http://www.ide.go.jp/English/Press/pdf/20110606\_news.pdf

Report on the Japan-EU Business Forum -Early Negotiations Imperative toward the Conclusion of the EIA-

For the full report, visit:

http://www.jetro.go.jp/en/news/announcement/20110519975-news/report1.pdf

# Exploring Japan

Highlights of Report on Economic Impact of the Great East Japan Earthquake and Current Status of Recovery conducted by Japan's Ministry of Economy, Trade and Industry released on 30 May 2011

The contents of the Report include:

- 1. Extent of the affected areas
- 2. Reconstruction and recovery following the Hanshin-Awaji earthquake
- 3. Reconstruction and recovery following the recent earthquake
- 4. Electricity supply/demand
- 5. Present status and prospects of restoration of production bases in the affected areas
- 6. Effects on specific industries
- 7. Effects of radioactivity from Fukushima Dai-ichi NPS
- 8. Macroeconomic impact

### Highlighted points cover:

# 1. Extent of the affected areas

- Adverse impact to Japanese economy is limited since the Pacific Ocean coast, which suffered the greatest damage, accounts for only 2.5 % of the total Japanese economy.
- The affected areas are slightly smaller in economic size than that of the Great Hanshin-Awaji Earthquake (1995).

# 4. Electricity supply/demand

- With reinforcement of the power supply, Tokyo Electric Power Company decided, in principle, to not carry out "Rolling Blackouts."
   After March 29th, "Rolling Blackouts" have been discontinued.
- TEPCO expects that it will be able to supply electricity up to 56.2GW this summer.
- With TEPCO's action to add further power supply and demand side measures, "Rolling Blackouts" is expected to be avoided throughout this summer.

### 5. Present status and prospects of restoration of production bases in the affected areas

- More than 60% of affected production bases of respondents had already finished restoration by mid April.
- Meanwhile, other production bases are on the way to resumption, and in total about 90% are expected to be restored by summer.

(Reference) The ratio of the number of establishments located in the municipalities in 7 prefectures (Aomori, Iwate, Miyagi, Fukushima, Tochigi, and Chiba) covered by the Disaster Relief Act in the total number of the manufacturing establishments all over the country, is about 7%. (The figure was calculated based on Census of Manufactures 2008, as of March 27th)

# 6. Effects on specific industries

### (1) Steel

- Although Sumitomo Metal's Kashima plant stopped production, other Japanese iron works could still produce plenty of crude steel.
- Sumitomo Metal's Kashima plant resumed its operation on April 30, with return to full production expected by the end of May.

# (2) Petrochemicals

- Mitsubishi Chemical's Kashima Plant, which suffered some damage from the Great East Japan Quake, was responsible for about 10% of Japan's ethylene production. Even with the temporary loss of its production, Japan had many other complexes which could produce more than the necessary volume of petrochemicals.
- Mitsubishi Chemical's Kashima Plant resumed its operation on May 20, with return to full production expected by June 27.

# (3) Auto/Electronics Industries

 Several weeks after the earthquake, certain major factories producing core parts and materials temporally ceased operation, but gradually resumed. For factories that need more time to recover, companies are seeking substitute production from other factories.  Most of the motor production companies have restarted production, depending on the supply level of core parts and materials.

# 8. Macroeconomic impact

- (1) Comparison with the "Lehman Shock"
  - According to private sector forecasts, Japan's economy will grow in Q3 and Q4 2011 after slowing down in the Q1 and Q2. The degree of the slowdown is expected to be much less than after the "Lehman Shock."
- (2) Cabinet office estimate
  - The Cabinet Office forecasts that Japan's growth will be positive following the "Great East Japan Earthquake." It estimates damage to stock due to the disaster to be about 1% of the national stock.

For further details, visit http://www.meti.go.jp/english/earthquake/recovery/pdf/20110530 impact.pdf

# For more information, visit

http://www.jetro.go.jp/en/news/releases/20110308801-news/material-2.pdf

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