



JAPANESE BUSINESS ALLIANCE FOR SMART ENERGY WORLDWIDE (JASE-W)



**Presentation for
The New Japan/Brazil Cooperation on EE&C**

1. PROFILE

- **JASE-W** was established in 2008 with the support from **METI** (Ministry of Economy, Trade and Industry of Japan) and Japanese Business and Industry Association: **KEIDANREN** (Federation of Japanese Economic Organizations).
- Its mission is that Japan and Japanese business industries will make specific contribution to the global environment and carbon reduction, by disseminating smart and energy efficient technologies and products to the world.













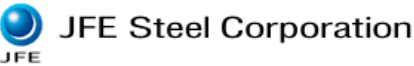
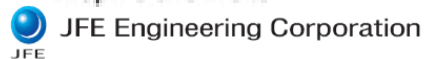




























Japanese Business
Alliance for
Smart
Energy
- Worldwide



JASE-W Chairman, Mr Masakazu Tokura
(Chairman of KEIDANREN and
SUMITOMO CHEMICAL)

2. MEMBER COMPANIES

▪ Currently more than 40 of Japanese excellent companies are the members of JASE-W.

3. OBSERVERS

OBSERVERS

Ministry of Economy, Trade and Industry (METI)

Ministry of Foreign Affairs of Japan (MOFA)

Ministry of the Environment (MOEJ)

Japan International Cooperation Agency (JICA)

New Energy and Industrial Technology Development Organization (NEDO)

Japan External Trade Organization (JETRO)

Incorporated Administrative Agency, Nippon Export and Investment Insurance (NEXI)

The Institute of Energy Economics, Japan (IEEJ)

The World Bank Tokyo Office (WB)

International Finance Corporation (IFC), Tokyo Office

Asian Development Bank (ADB) Japanese Representative Office

European Bank for Development and Reconstruction (EBRD), Japan Representative Office

JAPAN BANK FOR INTERNATIONAL COOPERATION (JBIC)

Clean Authority of TOKYO

Development Bank of Japan Inc. (DBJ)

City of Kitakyushu

The Economic Research Institute for Northeast Asia (ERINA)

AREA ADVISOR

Trade and Development Bank of Mongolia

4. ASSOCIATES MEMBERS

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Japan Association of Energy Service Companies

The Engineering Advancement Association of Japan (ENAA)

Japan Far Infrared Rays Association

Engineering and Consulting Firms Association, Japan

Kansai-Asia Environmental and Energy-Saving Business Promotion Forum

Kansai Economic Federation

The Energy Conservation Center, Japan (ECCJ)

Global Environmental Centre Foundation (GEC)

Japan Coal Energy Center

Japan Photovoltaic Energy Association

The Federation of Electric Power Companies of Japan

Japan Electronics and Information Technology Industries Association

Japan Chemical Industry Association

Japan Machinery Center for Trade and Investment

Japan Weather Association

Nippon Keidanren (Japan Business Federation)

Japan Construction Material & Housing Equipment Industries Federation

The Japan Iron and Steel Federation

The Japan Electrical Manufacturers' Association

Heat Pump & Thermal Storage Technology Center of Japan

Overseas Environmental Cooperation Center, Japan

5. JOINT BUSINESS DELEGATIONS

- Collaborating with METI and other Japanese ministries, JASE-W has been dispatching public-private joint energy business delegations to many countries.



**JASE-W Delegation Visit to
Indian Oil Industry, 2019**



**Joint Business Mission to
Saudi Arabia, 2019**

6. ENERGY BUSINESS FORUMS

- Energy Business Forums to introduce JASE-W companies technologies and products are being held in many countries with close cooperation of energy ministries of both countries.



**Energy Business Forum in Delhi
India, 2019**



**Online Business Forum between
Vietnam and Japan, 2021**

7. WORKING GROUP

ZEB DISSEMINATION

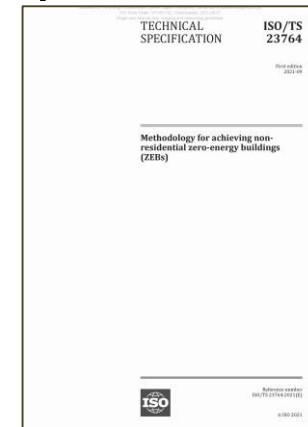
- ZEB - (net) **Zero Energy Building**- is a concept that energy input and output for buildings should be ultimately equal through energy conservation and renewables.
- JASE-W set up a working group of ZEB to host Workshops and Seminars on ZEB for ASEAN countries. And it facilitates ISO standardization on ZEB and it has been successfully enacted as Technical Specification since Sept.24th,2021.



Signing MoU for ZEB with SEDA , Malaysia



ZEB Concept Seminar



**ISO TS23764
(for achieving ZEBs)**

7. WORKING GROUP

CHP (Co-Generation) PROMOTION

- Promotion of CHP (Combined Heat and Power) or Co-Generation is one of the areas where JASE-W is tackling.
- Focusing on Indonesia, Energy Forum followed by meetings between Indonesian energy ministry MEMR and JASE-W and METI to promote CHP in the country have been carried out.



Speaker from MEMR



Scene from the Forum

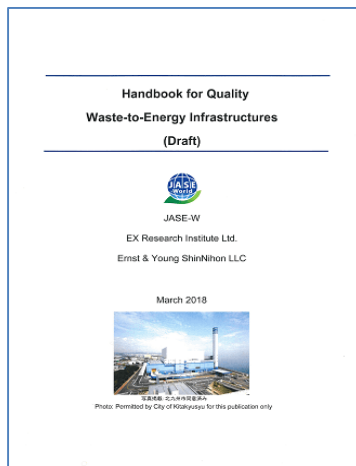


Meeting for CHP Promotion

7. WORKING GROUP

WASTE TO ENERGY

- To build sound waste disposal facilities is strongly required in many countries and JASE-W established the working group on **Waste to Energy (WtE)** .
- The WG drafted the “**Handbook for Quality Waste to Energy Infrastructure**” based on the concept of “3E+S”, namely Environmental Protection, Economic Efficiency, Energy and Safety.



Handbook for Quality Waste to Energy Infrastructure (draft)



Workshop on Waste to Energy Management , for APEC

7. WORKING GROUP

TURKEY AND THE BLACK SEA REGION

- In 2020 JASE-W established “**Turkey and the Black Sea Coast WG**” to seek energy saving potential and energy project/business in this region, where energy transition is rapidly progressing with the development of natural gas and gas pipeline networks.



Discussion by the Working Group Members



Visit to Turkish Embassy in Tokyo , 2020

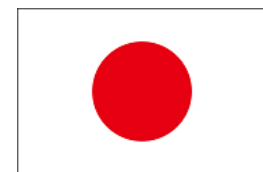
8. BOOKLET : JAPANESE SMART ENERGY PRODUCTS AND TECHNOLOGIES

- JASE-W is publishing a booklet every year which compiles various smart energy products and technologies developed by Japanese companies and applicable to the world.

Please visit:

<http://www.jase-w.eccj.or.jp/technologies/index.html>

Available in 7 Languages !

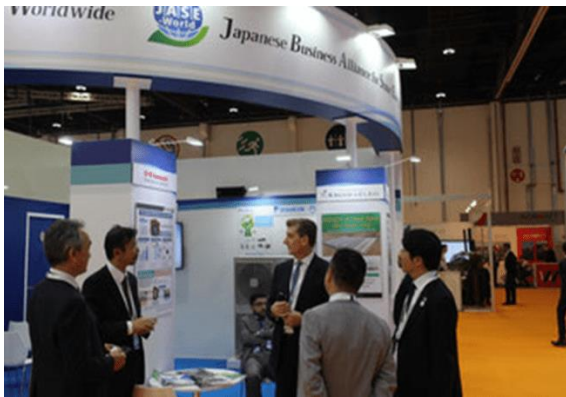


9. INTERNATIONAL EXHIBITIONS

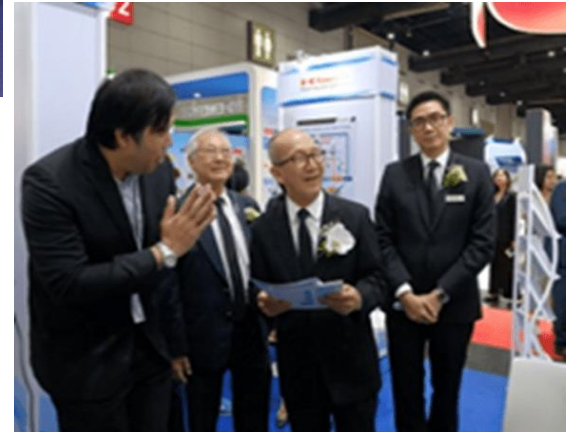
- JASE-W and its members has been participating in many international exhibitions such as ASEW.



**WFES in Abu Dhabi
2020**



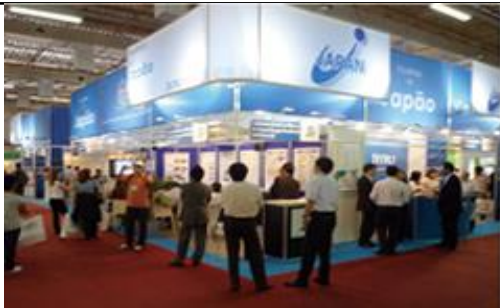
**WFES in Abu Dhabi
2019**



**ASEW in Bangkok
2019**

10. ACTIVITIES IN BRAZIL (1)

- ❑ 2009 Nov International Industrial Environment Fair(Brazil XI FIMIX)
- ❑ The South America Sub Working Group has established in 2010.
- ❑ Energy & Environment Public and Private Mission to Sao Paulo, Curitiba, and Belo Horizonte, in Brazil in 2011.
- ❑ Business Mission to Brazil for EE & S Renewable Energy, organized by JETRO in 2012.
- ❑ Waste to Energy Working group Mission to Curitiba in Brazil in July 2012



JASE-W Stand and Seminar

Environmental Agency of Curitiba

10. ACTIVITIES IN BRAZIL (2)

❑ Cooperation with Parana Chamber of Commerce and Industry



Chamber of Commerce and Industry , City of Londrina, Parana



Chamber of Commerce and Industry ,City of Maringa, Parana



Unisumar University
City of Maringa, Parana

❑ MOU concluded between ABESCO and JASE-W in 2014

❑ 2015 & 2016 Business matching seminar of Congresso Brasileiro de Efeciencia Energetica e Expoeficiencia (COBEE).



COBEE9° @Frei Caneca Convention Center, Sao Paulo



Concluded MOU with ABESCO, Chairman of ABESCO



Presentation at COBEE

10. ACTIVITIES IN BRAZIL (3)

☐ Cooperation with governmental offices



Ministry of Mines and Energy



Ministry of Environment

☐ Cooperation with National Confederation of Industry (CNI) in Aug. 2016



Presentation at CNI Headquarter



Meetings with participants

THANK YOU !



Japanese Business Alliance for Smart Energy Worldwide

- Japanese
- Contact
- The Energy Conservation Center, Japan

Home

About us

Activities

Mission & Meeting

Exhibition & Events

Membership

Contact



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