

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



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)

MEMBER COMPANIES

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



2

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

3

ASSOCIATES MEMBERS

ASSOCIATE MEMBERS

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

4

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**

5

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

6

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 and is holding Workshops and Seminars on ZEB for ASEAN countries. Also it facilitates to make ISO global standard on ZEB and it has successfully enacted Technical Specification since Sept. 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



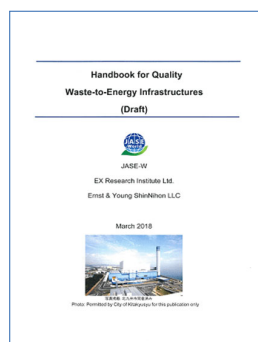
Meeting for CHP Promotion

8

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

9

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

10

WGの活動

ロシアビジネスWG +露でのこれまでの活動

【目的】

- 日露両国政府と連携して、同国での省エネ等のビジネス具体化を目指す。

【これまでの取組み】

- 発足当初から省エネWGの下にロシアSWGが組織され官民ミッション派遣など先方との対話を継続。相手方はエネルギー省傘下のエネルギー庁(REA)。老朽化した発電所の設備更新など、省エネニーズは大きい。
- 2010年にREAとMOU締結。2013年、茂木経産大臣の立会いの下、ロシア直接投資基金(RDIF)ともMOU締結。
- 2016年には、REA長官来日時に打合せを行い、ビジネスの具現化に向けて協力することを合意。MOU改訂版を締結し、ロシア最大のエネルギー関連カンファレンス:Russian Energy Weekの活用に向け協力を約した。

【その後の活動】

- 2018年にREA提案のロシア鉄鋼業省エネ会議に参加。鉄鋼の省エネ技術に関し個社ベースで商談を実施。
- 2019年ノボシビルスクを訪問し、科学アカデミー等と脱炭素に向けた協力について議論。
- 具体的成果に結びつけるべく、極東地域も念頭に新たなビジネス実現に向けた呼び水となるワークショップ開催やミッション派遣を検討。



REA長官来日時のMOU延長署名

BOOKLET : JAPANESE SMART ENERGY PRODUCTS AND TECHNOLOGIES

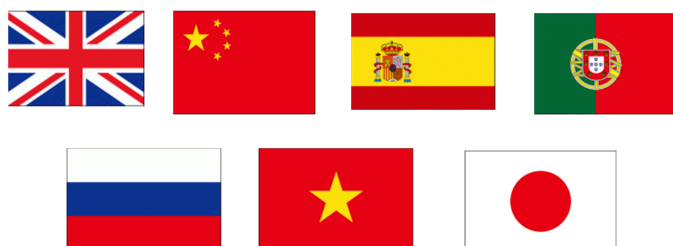
- JASE-W is publishing a booklet every year which compiles various smart energy products and technologies developed by Japanese companies and applicable to the world.



Please visit:

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

Available in 7 Languages !



11

INTERNATIONAL EXHIBITIONS

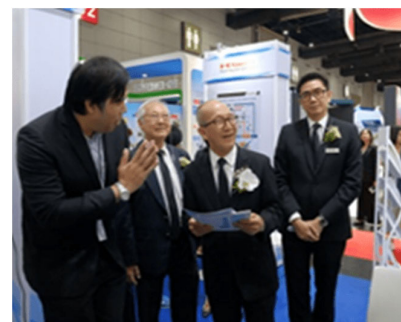
- JASE-W and its members has been participating in many international exhibitions.



WFES in Abu Dhabi
2019



WFES in Abu Dhabi
2020



ASEW in Bangkok
2019

12

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



<https://www.jase-we.org/>

Email: jase-w@eccj.or.jp