

Attachment – 1 : **Tentative Program of EMAK11**

Date : Feb. 9 2023

Venue : Grand Copthorne Waterfront

Address: 392 Havelock Road Singapore 169663

Theme: Transitions toward Net-Zero Energy Building Workshop

Time	Agenda
09:30-10:00	Reception/Connection Test
10:00-11:10	Opening Remarks & Keynotes
10:00-10:10	Welcome Remarks from Singapore, Mr Jonathan Goh, Director of External Relations, Energy Market Authority
10:10-10:20	Remarks from the Energy Efficiency Hub Ms. Kristina Klimovich, Programme Officer, Energy Efficiency Hub
10:20-10:30	Remarks from Japan Mr. Masashi Hoshino, Director, International Affairs Office, ANRE, METI, Japan
10:30-10:50	Keynote-1: The Human Dimension of Net Zero Energy Buildings Dr. Clayton Carl Miller, Assistant Professor, National University of Singapore
10:50-11:10	Keynote-2: Impact for GHG reduction by ZEB Dr. Masayuki Ichinose, Associate Professor, Tokyo Metropolitan University, Japan
11:10-11:30	Guest Introduction and Photo Session & Break
11:30-12:50	Session – 1 : Effective Policy Packages for Sustainable and Energy Efficient Building – Pathway to net ZERO Energy Building – Chaired by Mr. Joji Koike, ECCJ
11:30-11:45	S1-1 Japan's policy and strategy in the building sector towards Carbon Neutrality Mr. Haruto Shinoda, Assistant Director, International Affairs Office, ANRE, METI, Japan
11:45-12:00	S1-2 Towards Net-Zero Buildings in Canada Mr. Jérôme Bilodeau, Director, Office of Energy Efficiency, Canada (via online)
12:00-12:10	Q&A
12:10-12:25	S1-3 Toward Carbon Neutrality in Building sector in ASEAN Dr. Nuki Agya Utama, Executive Director, ASEAN Centre for Energy
12:25-12:40	S1-4 Transitioning to Net-zero Commercial Buildings in Australia Mr. Stanford Harrison, Director, Commercial Building Policy, Department of Climate Change, Energy, the Environment and Water, Australia (via online)
12:40-12:50	Q&A
12:50-14:10	Lunch
14:10-15:45	Session – 2 : The Best Practice examples towards net ZERO Carbon goals in the Building sector Chaired by Mr. Masashi Hoshino, ANRE, METI
14:10-14:25	S2-1 Singapore's Sustainability Drive Towards Zero Energy Ms. Farizan d'Avezac de Moran, Senior Partner, GreenA Consultants Pte Ltd, Singapore
14:25-14:40	S2-2 ZEB conversion retrofit of existing building in Malaysia Mr. Steve Anthony Lojuntin, Director, Sustainable Energy Development Authority, Malaysia
14:40-14:55	S2-3 The Best Practice examples towards carbon neutrality goals in the building sector Mrs. Hu Nan, Senior Engineer, China Quality Certification Centre, China (via online)
14:55-15:05	Q&A
15:05-15:20	S2-4 Energy Saving Technology Towards ZEB and SLEB as a Private Construction Company in Singapore Dr. Takamasa Hasama, Senior Research Engineer, Kajima Technical Research Institute Singapore
15:20-15:35	S2-5 Climate-neutral construction and refurbishment - best practice examples from Germany Mr. Manuel Palz, Federal Ministry for Economic Affairs and Climate Action (BMWK), Germany (via online)
15:35-15:45	Q&A

15:45-16:05	Break
16:05-17:35	Session – 3 : Panel Discussion on Promotion of EE&C toward achievement of Net-Zero Energy Building Moderated by Dr. Yoshitaka Ushio, ECCJ
16:05-16:45	Panel Discussion (Speakers and Representatives of Government / Private Sector) Panelist's opinion sharing (5min. each) and Discussion Agenda-1 : Key policy issues to enhance awareness of building owners to promote ZEB ACE(Dr. Nuki Agya Utama), EE Hub(Ms. Kristina Klimovich), Germany(Mr. Manuel Palz via online), Japan(Mr. Haruto Shinoda) Discussion and Q&A
16:45-17:25	Agenda-2 : Technical challenges for promote and disseminate ZEB Singapore(Ms. Farizan d'Avezac de Moran), Malaysia(Mr. Steve Anthony Lojuntin), Germany(Mr. Manuel Palz via online), Japan (Dr. Takamasa Hasama) Discussion and Q&A
17:25-17:35	Wrap-up of Session – 3 by Moderator
17:35-17:45	Closing
17:35-17:40	Closing Remarks (MTI, Singapore)
17:40-17:45	Closing Remarks(METI, Japan) Mr. Masashi Hoshino, Director, International Affairs Office, ANRE, METI
	END of Workshop
18:00-19:30	Reception

(Abbreviations)

ACE	: ASEAN Centre for Energy
ANRE	: Agency for Natural Resources and Energy (Japan)
BMWK	: Federal Ministry of Economic Affairs and Climate Action (Germany)
ECCJ	: The Energy Conservation Center, Japan
EE&C	: Energy Efficiency and Conservation
EMA	: Energy Market Authority
EMAK	: Energy Management Action Network for Industrial Efficiency
GHG	: Greenhouse Gas
MTI	: Ministry of Trade and Industry (Singapore)
METI	: Ministry of Economy, Trade and Industry (Japan)
SLEB	: super low energy building
ZEB	: net zero energy building

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