

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, Ministry of Trade and Industry (MTI), Singapore (TBD)
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 Singapore academia(TBD)
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
11:30-12:55	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 Effective Policy Packages for Sustainable and Energy Efficient Building Mr. Haruto Shinoda, Assistant Director, International Affairs Office, ANRE, METI, Japan
11:45-12:00	S1-2 Singapore (TBD)
12:00-12:15	S1-3 Toward Carbon Neutrality in Building sector in ASEAN Dr. Nuki Agya Utama, Executive Director, ASEAN Centre for Energy
12:15-12:20	Q&A
12:20-12:35	S1-4 Towards Net-Zero Buildings in Canada Mr. Jérôme Bilodeau, Director, Office of Energy Efficiency, Canada (via online)
12:35-12:50	S1-5 EMAK member country (Under arrangement)
12:50-12:55	Q&A
12:55-14:30	Lunch
14:30-15:55	Session – 2 : The Best Practice examples towards net ZERO Carbon goals in the Building sector Chaired by Mr. Masashi Hoshino, ANRE, METI
14:30-14:45	S2-1 (TBD) Ms. Farizan d’Avezac de Moran, Senior Partner, GreenA Consultants Pte Ltd, Singapore
14:45-15:00	S2-2 ZEB conversion retrofit of existing building in Malaysia Mr. Steve Anthony Lojuntin, Director, Sustainable Energy Development Authority, Malaysia
15:00-15:15	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)
15:15-15:20	Q&A
15:20-15:35	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
15:35-15:50	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)
15:50-15:55	Q&A
15:55-16:15	Break
16:15-17:15	Session – 3 : Panel Discussion and Wrap-up (Speakers / Representatives) Promotion of EE&C toward achievement of Net-Zero Energy Building Chaired by Dr. Yoshitaka Ushio, ECCJ
16:15-17:05	Panel Discussion (Speakers and Representatives of Government / Private Sector) Panelist's opinion sharing (3min. each) and Discussion Agenda-1 : Key policy issues to disseminate EE&C in the building sector Singapore(TBD), ACE(Dr. Nuki Agya Utama), EE Hub(Ms. Kristina Klimovich), Japan(TBD) Agenda-2 : Technical Challenges for achieving Carbon Neutrality in the building sector Singapore(Ms. Farizan d’Avezac de Moran), Malaysia(Mr. Steve Anthony Lojuntin), Germany(Mr. Manuel Palz via online), Japan (Dr. Takamasa Hasama)
17:05-17:15	Wrap-up by Chairperson Summary and the Way Forward
17:15-17:25	Closing
17:15-17:20	Closing Remarks (MTI, Singapore)
17:20-17:25	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
AEA	: ASEAN Energy Award
ANRE	: Agency for Natural Resources and Energy (Japan)
BMWK	: Federal Ministry of Economic Affairs and Climate Action (Germany)
CN	: carbon neutrality
EC	: Energy Conservation
ECCJ	: The Energy Conservation Center, Japan
EE&C	: Energy Efficiency and Conservation
EM	: Energy Management
EMA	: Energy Market Authority
EMAK	: Energy Management Action Network for Industrial Efficiency
KaTRIS	: Kajima Technical Research Institute Singapore
MTI	: Ministry of Trade and Industry (Singapore)
METI	: Ministry of Economy, Trade and Industry (Japan)
ZEB	: net zero energy building