



Advancing Buildings Energy Efficiency in Southeast Asia

Launch of Online Course on Energy Efficiency in Buildings

20 May 2021

9:00 CEST (2 hours)

13:30 – 15:30 Nay Pyi Taw

14:00 – 16:00 Bangkok, Hanoi, Jakarta, Phnom Penh, Vientiane

15:00 – 17:00 Bandar Seri Begawan, Kuala Lumpur, Manila, Singapore

Registration link: https://ieaorg.zoom.us/webinar/register/WN_kdcYT6-nQtumuEqHjtGurw

Online Buildings Course link: <https://elearning.iea.org/>

Background

The buildings and buildings construction sectors combined are responsible for over one-third of global final energy consumption and nearly 40% of total direct and indirect CO₂ emissions. Energy demand from buildings, including air conditioning and buildings construction continues to rise, driven by improved access to energy in developing countries, greater ownership and use of energy-consuming devices, and rapid growth in global buildings floor area.

The path to low-emissions, efficient and resilient buildings, construction sectors will require greater collaboration among policymakers at all jurisdictional levels, as well as with urban planners, architects, developers, investors, construction companies and utility companies.

Based on the findings from the GlobalABC Regional Roadmap for Buildings and Construction in Asia, developed by the IEA in 2019, there exists significant opportunities in policy and technology development in the ASEAN region, across the areas including new building construction, building retrofits, appliances, building operations and construction materials.

This webinar will explore some of the key questions around advancing energy efficiency in buildings in Southeast Asia. It will mark the official launch of the IEA's new online course on Energy Efficiency in Buildings.

The syllabus of the IEA's new online course on Energy Efficiency in Buildings is available to download [here](#).

This is a free online course, which will be accessible on the day of the webinar [here](#).

Agenda

TIME (Singapore)	ACTIVITIES
15:00 – 15:10	Welcoming Address Ms Melanie Slade, Senior Programme Manager, Energy Efficiency in Emerging Economies Programme, International Energy Agency
15:10 – 15:25	Online Course Overview Mr Ian Hamilton, Associate Professor, UCL Energy Institute; Executive Director, Lancet Countdown on Health and Climate Change
15:25 – 16:50	Advancing Buildings Energy Efficiency Panel Discussion Moderator: Melanie Slade, Senior Programme Manager, Energy Efficiency in Emerging Economies Programme, International Energy Agency <ol style="list-style-type: none">1. Ms Andrea Dorotan, Director, Cities and Buildings at Green Restorative Actions and Sustainable Solutions2. Dr Retno Dewi Gumiland, Head of The Center for Research on Energy Policy, Bandung Institute of Technology3. Ms Farida Lasida Adji, East Asia Lead for Green Buildings and Market Transformation at World Bank Group-International Finance Corporation4. Mr Lem Yang Lim, Head of Certification & Technology, Singapore Green Buildings Council
16:50 – 17:00	Workshop Closing Remarks
17:00	End of Webinar

Speakers



Farida Lasida Adji, East Asia Lead for Green Buildings and Market Transformation at World Bank Group-International Finance Corporation

Farida is Regional Green Building Lead - East Asia for IFC Climate Business Group and is based in Jakarta. She joined IFC in 2003 and has worked in various units within IFC, delivering Technical Assistance and Advisory Services. In 2010-2015 she was involved in early development of IFC EDGE and led IFC's Green Building Program in Indonesia and East Asia. After a 5-year assignment in IFC Manila, Philippines, where she worked on investment climate and business regulatory reform, in mid-2020 she rejoined the IFC Green Building Program and resuming her role as East Asia regional lead. She received her MBA from University of Edinburgh, Scotland, UK; and a Bachelor in Economics from University of Indonesia.



Dr Retno Dewi Gumiland, Head of The Center for Research on Energy Policy, Bandung Institute of Technology

Dr Retno Dewi Gumiland is Head of The Center for Research on Energy Policy at the Bandung Institute of Technology. She has more than 30 years of research project experience on energy, technology, policies, economics, and environmental related issues. These include research related to the role of Green Buildings Code to the energy efficiency and the achievement of GHG emissions reduction target of the Indonesia NDC and the Long Term Strategy for Low Carbon Development of Indonesia 2050, the Development of Indonesia's NAMAs for The Green Buildings, and other research and trainings on energy efficiency in buildings (hotels and offices). Dr Retno Dewi Gumiland holds a PhD in Chemical Engineering from the Bandung Institute of Technology and a master of Environmental Engineering Science from the University of New South Wales, Australia.



Ian Hamilton, Associate Professor, UCL Energy Institute; Executive Director, Lancet Countdown on Health and Climate Change

Ian Hamilton is Associate Professor in Energy Epidemiology and Executive Director of the Lancet Countdown on Health and Climate Change. Ian's research in the built environment is at the intersection of climate, energy and health. His research background is in evaluating climate mitigation actions and energy efficiency in the built environment their impact on energy demand and building energy performance, along with indoor and outdoor environmental conditions, and associated health and wellbeing outcomes. Ian is the the Operating Agent for the International Energy Agency's Annex 70 - Building Energy Epidemiology, a co-investigator on the UKRI Centre for Research into Energy Demand Solutions, the NERC APEX London Air Pollution and ANTICIPATE project, and Newton funded Capability and Energy Poverty project in Mexico. He has worked with the IEA to develop the Global and Regional Roadmaps for Buildings and Construction, and the Global Alliance for Buildings and Construction's Buildings Global Status Reports.



Lem Yang Lim, Head of Certification & Technology, Singapore Green Buildings Council

Lem heads the certification team at the Singapore Green Building Council which evaluates and certifies green building products under the Singapore Green Building Product (SGBP) scheme. Prior to

joining the Singapore Green Building Council, Lem has worked in the facilities management and maintenance sector, and was involved in the implementation of various energy saving initiatives. He holds a degree in Mechanical Engineering from the National University of Singapore (NUS), and is also a Green Mark Accredited Professional (Facilities Management) [Green Mark AP (FM)] and a Singapore Certified Energy Manager (SCEM).



Melanie Slade, Senior Programme Manager, Energy Efficiency in Emerging Economies Programme, International Energy Agency

Mel Slade has spent thirty years in energy efficiency policy development and implementation in many parts of the world. She started out working in the UK Government on industrial and appliance energy efficiency and has worked with many other governments to establish similar programmes, perhaps most notably, the Government of China since the 1990s. In 2007 Mel became the Chair of Australia and New Zealand's Equipment Energy Efficiency programme and where she led the phase-out of inefficient lighting. Mel moved to the International Energy Agency in February 2014 to manage the Energy Efficiency in Emerging Economies Programme. Mel and her team work with policy makers in Brazil, China, India, Indonesia, Mexico, South Africa and Thailand to develop more effective energy efficiency policy, track its progress and assess its potential.