



## **International Conference**

**on**

# **Inclusive Science, Technology and Innovation Policies for Promoting the Transfer of New and Emerging Technologies in Water and Energy Sectors**

27 November 2018, Bangkok, Thailand

(Venue: Pullman Bangkok King Power Hotel, 8/2 Rangnam Road, Thanon-Phayathai,  
Ratchathewi, 10400 Bangkok)

*Organized by*

Asian and Pacific Centre for Transfer of Technology (APCTT) of the  
United Nations Economic and Social Commission for Asia and the Pacific  
(ESCAP)

*Jointly with*

Ministry of Science and Technology (MOST), Thailand  
&  
Thailand Institute of Scientific and Technological Research (TISTR)

## Tentative Programme

**08:30-09:00 Registration**

**09:00-09:45 Inaugural Session**

**09:00-09.10 Welcome Remarks** - Ms. Michiko Enomoto, Head, Asian and Pacific Centre for Transfer of Technology (APCTT), United Nations Economic and Social Commission for Asia and the Pacific (ESCAP)

**09:10-09.20 Opening Remarks** – Dr. Chutima Eamchotchawalit, Governor, Thailand Institute of Scientific and Technological Research (TISTR)

**09:20-09:30 Inaugural Address** – Dr. Pathom Sawanpanyalert, Deputy Permanent Secretary, Ministry of Science and Technology

**09:30-09:50 Group Photo and Tea/Coffee**

**09:50-12:40 Session I: Innovative Strategies and Technological Interventions for Sustainable Water Management**

Ensuring the availability, accessibility, quality and sustainability of safe water is a key development agenda of many countries in the Asia-Pacific region. This session will discuss inclusive policies on sustainable water management with adoption and development of innovative technologies. It covers on: development and deployment of innovative water technologies; increasing accessibility and affordability of water technologies; integrated water management and water efficiency approaches; and wastewater management.

**Moderator: Mr. Curt Garrigan, Chief, Sustainable Urban Development Section, Environment and Development Division, ESCAP**

**09:50-10:10 Mr. Curt Garrigan**, Chief, Sustainable Urban Development Section, Environment and Development Division, ESCAP, *“Regional Cooperation for Sustainable Water Management to Achieve SDG-6 in Asia-Pacific”*

**10:10-10:30 Mr. Kang Jin Won**, Senior Expert, Center of National R&D Evaluation, Korea Institute of Science and Technology Evaluation and Planning (KISTEP), *“Sustainable Water Resources Management - Policy Experiences from Republic of Korea”*

- 10:30-10:50** **Mr. Paul Bevis**, Director and Co-Founder, GreenTrees (Thailand) Ltd, *“The Big Idea – Technology Commercialization Platform for Deployment in Emerging and Frontier Markets in Water and Numerous Other Sectors”*
- 10:50-11:10** **Ms. Orn-uma Polpanich**, Research Fellow, Stockholm Environment Institute (SEI) Asia, *“SEI’s Sustainable Mekong Research Network (SUMERNET) and Sustainable Water Partnership (SWP)”*
- 11:30-12:00** **Q&A**
- 12:00-13:00** **Lunch**
- 13:00-14:45** **Session II: Sustainable Energy Technologies: Challenges, Opportunities and Policy Options for the Asia Pacific**

This session discusses on opportunities and challenges related to the accessibility and affordability of sustainable energy options in the Asia-Pacific region. It will also discuss lessons learnt and provide recommendations on instruments which promote renewable energy expansion and utilization such as net metering, feed-in tariffs (FiTs), renewable energy certificates (RECs), renewable portfolio standards (RPS) including quota systems and power purchase agreements.

**Moderator:** **Mr. Michael Williamson**, Chief, Energy Section, Energy Division, ESCAP

**Speakers:**

- 13:00-13:20** **Mr. Michael Williamson**, Chief, Energy Section, Energy Division, ESCAP, *“Regional Scenario on SDG7 – “Ensure Access to Affordable, Reliable, Sustainable and Modern Energy for All”*.
- 13:20-13:40** **Dr. Aparat Mahakhant**, Deputy Governor, Thailand Institute of Scientific and Technological Research (TISTR), *“Increasing the Share of Biomass Energy – Opportunities and Challenges in Thailand”*.
- 13:40-14:00** **Mr. Foad Farhani Baghlani**, Acting President for International Cooperation, Iranian Research Organization for Science and Technology (IROST), *“Promoting Renewable Energy Technology Transfer – Experiences and Best Practices from Islamic Republic of Iran”*
- 14:00-14:20** **Mr. Arthit Vechakij**, Vice Chairman, Renewable Energy Industry Club, Federation of Thai Industries, *“Development of Renewable Energy in Thailand – Private Sector Perspectives”*

**14:20-14:50 Q & A**

**Session III Roundtable Discussions: Innovative Strategies and Technological Interventions for Achieving SDG 6 & SDG7**

**15:10-16:10 Panel I: Case Studies for Adopting Innovative Strategies and Technologies for Sustainable Water Management**

**Moderator:** Ms. Michiko Enomoto, Head, APCTT-ESCAP

**Panelists:** Mr. Ragil Yoga Adi, Acting Director, Centre for Innovation, Indonesian Institute of Sciences (LIPI)

Ms. Li Wenjing, Division of International Organizations and Conferences Department, Division of International Cooperation, Ministry of Science and Technology of China

Ms. M. Shan-E-Alam Misty, Senior Assistant Secretary, Ministry of Water Resources, Bangladesh

**16:10-17:10 Panel II: Case Studies for Promoting the Development, Transfer and Adoption of Innovative Sustainable Energy Technologies**

**Moderator:** Ms. Mia Mikic, Director, Trade, Investment and Innovation Division, ESCAP

**Panelists:** Mr. WJLS Fernando, Chairman, National Engineering Research and Development Centre (NERDC), Sri Lanka

H.E. Bulat Sarsenbayev, Ambassador Extraordinary and Plenipotentiary, Embassy of the Republic of Kazakhstan to India, Vasant Vihar, New Delhi

Ms. Haslinda Binti Abdul Razak, Principal Assistant Secretary, International Division, Ministry of Energy, Science, Technology, Environment and Climate Change (MESTECC), Malaysia

Mr. Zafar Yab Khan, Deputy Secretary, Ministry of Energy (Power Division), Government of Pakistan

Mr. Md. Moniruzzaman, Deputy Secretary, Energy and Mineral Resources Division, Bangladesh Secretariat, Dhaka

**17:10-17:30 Closing Remarks: - Ms. Michiko Enomoto, Head, APCTT-ESCAP**

**Closing Remarks: Representative from Ministry of Science and Technology of the Royal Thai Government**