



## **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**

**Mr. Akash Bhavsar, Managing Director and Chief Executive Officer, WaterQuest Group, India**

**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: 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. Akbar Azam Rajar, Section officer/Member Monitoring Committee Team, Ministry of Energy (Power Division)**

**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**