



# International Conference on Green Technologies for Achieving Sustainable Development Goals

28 November 2017, Manila, Philippines

(Venue: Level 2 Park Terraces Building 1 (across Holiday Inn & Suites Makati) West  
Street corner Arnaiz Avenue, Ayala Center, Makati City)

*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*

Technology Application Promotion Institute (TAPI)  
Department of Science and Technology, Republic of Philippines

## Tentative Programme

### 11:00-12:40 Session I: Green Technologies for Sustainable Development - Role of Public Policies

In 2015, 193 member countries of the United Nations adopted the “2030 Agenda for Sustainable Development “. It comprises of 17 Sustainable Development Goals (SDGs) and 169 targets. The Agenda aims to end poverty by 2030 and to pursue a sustainable future for the world over the next 15 years. Science, technology and innovation the green technologies play a central role to manage various developmental challenges and achieving the SDGs.

The session examines how public policies support the development, adoption, adaptation of green technologies to advance the Sustainable Development Goals. It also examines linkages between policies related to innovation, environment and energy and the conditions for the successful integration of sectoral approaches in the promotion of green technologies. Successful case studies, observed challenges and their effectiveness will also be discussed, among others.

**Moderator:** **Mr. Gil-Hong Kim**, Senior Director & Chief Sector Officer, Sustainable Development and Climate Change Department. Asian Development Bank (ADB)

#### Moderator’s Remarks and Introduction to the Theme

**Keynote Address:** **Dr. Rodolfo Ila**, Director, Agricultural Resources Management Research Division (ARMRD), Philippine Council for Agriculture, Aquatic and Natural Resources Research and Development (PCAARRD)

**Dr. Viraj Perera**, Chief Executive Officer, PlaTCOM Ventures, Sdn Bhd, The National Technology Commercialization Platform of Malaysia, Government of Malaysia, *“Promoting green technologies – Perspectives from Private Sector”*

**Dr. Aiko Endo**, Associate Professor, Research Institute for Humanity and Nature (RIHN), Kyoto, Japan, *“The Nexus Challenges for Promoting Green Technologies”*

### 12:40 - 13:40 Lunch

**13:40 – 15:10 Session II: Transfer and Commercialization of Green Technologies: Challenges and Opportunities**

The transfer, exploitation and commercialization of green technologies are critical for countries to advance Sustainable Development. Through transforming green technology inventions into innovations, countries can leapfrog in economic development while balancing the environmental aspects.

Technology transfer happens through a variety of channels – mobility of academic staff, scientific publications, open trade, conferences, contract research with industry and the sale, transfer or licensing of intellectual property. Commercialization of technology is a complex process as it involves time, collaboration with different actors and continuous flow of financial investments throughout the technology transfer cycle.

This session provides a platform for a discussion and sharing of broad exchange of experiences and lessons learned among policy-makers, representatives from business and academia and other experts on transfer, adoption and commercial application of green technologies.

**Moderator:** **Ms. Michiko Enomoto**, Head, Asian and Pacific Centre for Transfer of Technology, ESCAP

**Speakers:** **Dr. Kang Jin Won**, Senior Expert, Center of National R&D Evaluation, Korea Institute of Science and Technology Evaluation and Planning (KISTEP), *“Promotion of Technologies for Green Growth – Experiences and Lessons from Republic of Korea”*.

**Mr. WJLS Fernando**, Chairman, National Engineering Research and Development Centre (NERDC), Sri Lanka, *“Opportunities and challenges in the Transfer and Adoption of Green Technologies”*

**Dr. Manaek Simamora**, Science and Technology Park Programme Coordinator, Center for Innovation, Indonesian Institute of Sciences (LIPI), Jakarta, Indonesia, *“Commercialization of Green Technologies: Experience of Indonesian Institute of Sciences”*

**Assoc. Prof. Dr. Thumrongrut Mungcharoen**, Cluster Director, Energy and Environment, National Science and Technology Development Agency, Thailand, *“Transfer and Adoption of Green Technologies – Lessons from Thailand”*.

**15:10-15:40** Coffee / Tea Break

**Session III Roundtable Discussions: The Business Environment for Innovation in Green Technologies**

Successful development and diffusion of green technologies rely on a robust business environment that encourages investment in technologies and in knowledge-based capital. This will enable innovative entrepreneurs to experiment new ideas, technologies and greener business models; and will help them to grow, increase their market share and reach scale.

The session examines framework conditions: (a) to promote innovations in green technologies, such as openness to international trade and investment; innovation-friendly tax systems; and financial systems that enable resources to flow to green innovation activities; and (b) to enable growth of young innovative entrepreneurs.

**15:40-16:30 Panel I: Creating Enabling Environment for Innovation in Green Technologies**

**Moderator:** **Ms. Marta Perez Cuso**, Economic Affairs Officer, Technology and Innovation Section, Trade, Investment and Innovation Division, ESCAP

**Speakers:** **Keynote Speaker: Mr. Aik Hoe Lim**, Director, Trade and Environment Division, World Trade Organization (WTO), Geneva, *“Trade as an Enabler for Transfer of Green Technologies” (Through VC)*

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

**Prof. Jose Manuel Biona**, Director and Professor, Center for Engineering and Sustainable Development Research, De La Salle University, Philippines

**Mr. Pervaiz Ahmed Junejo**, Additional Secretary, Ministry of Science and Technology, Government of Pakistan

**Mr. Teoh Phi Li**, Undersecretary, International Division, Multilateral Cooperation Unit, International Section, ministry of Science, Technology and Innovation of Malaysia

**Dr. Gholam Hossein Rahimi Sharbaf**, Professor, Department of Mechanical and Aerospace Engineering, The University of Tarbiat Modarres, Tehran, Islamic Republic of Iran

**Dr. Manaek Simamora**, Science and Technology Park Program Coordinator, Center for Innovation, Indonesian Institute of Sciences(LIPI), Jakarta

**16:40-17:30 Panel II: Policies and Strategies for Supporting Innovative Entrepreneurs for Green Technology Innovation and Commercialization**

**Moderator: Mr. Jovito Rey E. Gonzales**, Division Manager, Technology Application and Promotion Institute (TAPI), Department of Science and Technology (DOST), Philippines

**Panelists: Mr. Aleksey A. Semin**, Head, Intellectual Manufacturing Technologies Division, Science and Technology Department, Ministry of Education and Science of the Russian Federation (tbc)

**Dr. P. K. Dutta**, Scientist-F, Department of Scientific and Industrial Research (DSIR), Ministry of Science and Technology, India.

**Mr. Md. Abdul Momin**, Joint Chief, Ministry of Science and Technology, Bangladesh

**Ms. Jiang Shuhua**, Division of International Organizations and Conferences Department, Division of International Cooperation, Ministry of Science and Technology of China.

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

**H.E. Kolinio Gata Takali**, Fiji High Commissioner to Malaysia and Permanent Representative to UNESCAP