

International Conference on Innovation Strategies for Sustainable Development

19 December 2016
Islamabad, Pakistan

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, Government of Pakistan

Tentative Programme

11:30-13:00 Session I- Role of Public Policies in Facilitating Innovation for Sustainable Development

The Sustainable Development Agenda or Agenda 2030 which was unanimously adopted by 193 Member States at the UN General Assembly in September 2015 is a bold, universal agreement to end poverty in all its dimensions and craft an equal, just and secure world for people, planet and prosperity by 2030. Fostering innovation has been identified as a key element to achieve numbers of Sustainable Development Goals (SDGs) that are an integral part of the Agenda 2030.

The session examines how innovations are transforming our world, addressing social and environmental challenges, creating jobs and contributing to inclusive growth. It will further discuss the role of public policies and best practices in fostering the innovations for sustainable development.

Moderator: **Ms. Shamshad Akhtar**, Under-Secretary General, United Nations and Executive Secretary of ESCAP.

Speakers: **Mr. Atta-ur-Rahman**, Co-Chairperson of the ESCAP Science, Technology and Innovation Advisory Board & the Former Minister of Science and

Technology of Pakistan, "Disruptive Innovations: The Exciting World of Discovery".

Mr. Thomas Andersson, President, International Organisation for Knowledge Economy and Enterprise Development, "Towards Policy for Innovation Ecosystems & Sustainable Development".

Mr. Myung Jin Lee, Senior Fellow, Science and Technology Policy Institute of Korea, "Science, Technology and Innovation Strategies to Achieve Sustainable Development Goals".

1400 - 1530 Session II - Supporting Innovative Entrepreneurs

A dynamic business sector is a key source of technological and non-technological innovations. Innovative firms are founded by entrepreneurs who focus on innovative and high-growth businesses. In order for the young innovative firms to survive, they need access to finance, expert guidance, skilled work force and good market conditions. Linkages with research institutions, networks and innovation clusters to facilitate technology transfer and diffusion are other essential elements for their success.

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

Speakers: **Mr. Thomas Andersson**, President, International Organisation for Knowledge Economy and Enterprise Development, "Enterprise Development and Venture Funding".

Mr. WANG Delu, Secretary General of China-ASEAN Science and Technology Partnership Programme, "Entrepreneurial Innovation: China's Experience of Innovation in Reform and Opening-up".

Mr. Edgar I. Garcia, Director, Technology Application and Promotion Institute, Department of Science and Technology of the Philippines, "Promoting Innovative Entrepreneurs - Policy interventions and Best practices".

Mr. Jonathan Wong, Regional Advisor on Science, Technology and Innovation, Trade, Investment and Innovation Division, ESCAP, "Catalyzing Social Entrepreneurship and Impact Investment for the Sustainable Development Goals".

16:30-17:30 Session III - Measuring Innovation and the role of the Innovation Support Institutions

In recent years, a very limited set of data, such as research and development (R & D) and patent data have been widely used as a reliable policy tool to measure innovation activities in a country. Such data could provide information on some of the inputs to innovation, but reveal little on the outputs of the innovation or its processes. The data does not cover non-technological innovations, including but not limited to, process innovations, and marketing or organisational innovations. The first part of the session discusses challenges in measuring innovation, recent trends and international best practices.

The second part of the session examines the best practices and lessons learnt related to the role of universities and public research institutes in innovation systems. This includes education, training, creation and diffusion of knowledge, development of

Moderator: **Mr. Jonathan Wong**, Regional Advisor on Science, Technology and Innovation, Trade, Investment and Innovation Division, ESCAP.

Speakers: **Mr. Shahbaz Khan**, Director, United Nations Educational, Scientific and Cultural Organization Office Jakarta and Regional Science Bureau for Asia and the Pacific, "Measuring innovation - International perspectives, challenges and examples from pilot studies in the Asia Pacific".

Mr. Anwar-ul-Hassan Gilani, S.I., Chairman, Pakistan Council for Science & Technology, "Gender Mainstreaming in STI in Pakistan: Current Status and Future Prospects".

Mr. Esam Alqararah, United Nations Industrial Organization Representative in Pakistan, "Promoting Cleantech Innovation - Challenges and Opportunities".

Mr. Wei Jia, First Secretary, Science & Technology, Chinese Embassy in Pakistan "Measuring Innovation for Sustainable Development"

Mr. Jitti Mungkalasiri, Head, Life Cycle Assessment Lab, National Metal and Materials Technology Center, National Science and Technology Development Agency of Thailand, "Life Cycle Assessment data for sustainability and green growth: Applications in Thailand".

17:30-17:45 Wrap up