

Thailand - Country Statement for Agenda Item 6: Promoting regional cooperation in new and emerging technologies to achieve sustainable development.

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Hello everyone. My name is Pratip Vongbandit, Deputy Governor of Research and Development Group for Sustainable Development from Thailand Institute of Scientific and Technological Research (TISTR) under the Ministry of Higher Education, Science, Research and Innovation (MHESI). Thank you for giving me the opportunity to share my perspectives on Agenda item 6: Promoting regional cooperation in new and emerging technologies to achieve sustainable development.

The new and emerging technologies have the potential to address developmental challenges in today's dynamic world and deliver innovative solutions for sustainable development. The support of APCTT on capacity building, technology transfer, and adoption of technologies enables the sharing of know-how between member countries to promote their innovation, intellectual property, and research initiatives.

APCTT's works foster partnerships and networking among the Asia-Pacific region encourage member countries to develop, transfer, and adopt technologies to achieve the Sustainable Development Goals (SDGs), as well as enhance personnel capabilities and skills. APCTT helps

create an environment for the sharing of best practices in policymaking and management to ensure the effective implementation of foreign research and development.

Carbon measurement and analytics should be taken into account as the issue of climate change is becoming more serious. Thailand has set a goal to be a carbon-neutral country by 2050. A carbon credit is a permit that allows private companies to emit a certain amount of carbon dioxide or other greenhouse gases. It is one of the mechanisms to mitigate climate change and promote the concept of doing business in a more environmental concern, which is in accordance with the Bio-Circular-Green Economic Model. Therefore, technologies that would facilitate carbon credit calculation in several industries are essential, particularly technology for data collection of greenhouse gas emissions, carbon footprint assessment through data mining and analytics, assessment of biomass in lands, and remote sensing model development using geographic information system (GIS).