



**Asia-Pacific
Economic Cooperation**

2016/SOM3/CSA/012

Agenda Item: 1

Policy Partnership on Science, Technology and Innovation

Purpose: Information

Submitted by: PPSTI



**Fourth APEC Chief Science Advisors and
Equivalents Meeting
Lima, Peru
18-19 August 2016**



Policy Partnership on Science, Technology and Innovation

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PPSTI Vice Chairs

- CSAE
- Lima Peru
- 18 August 2016



General Information

Establishment:



In 2012, Transformed from **APEC Industrial Science and Technology Working Group (ISTWG)** to include issues of innovation policy development. Now established as the **primary fora for science, technology and innovation (STI)** under APEC framework

Mission:

To support the development of **S&T cooperation** as well as effective **STI policy recommendations** through collaboration between government, academia, private sector and **other APEC fora**

Vision:

By 2025, APEC will have achieved innovative economic growth through PPSTI's efforts.

Operation

One Governing Board



- Chair and Vice Chairs
- Principal ABAC Advisor

Two Meetings

- PPSTI7 May 10-12
- PPSTI8 August 15-17

Three Topics

- Building Science Capacity
- Promoting Enabling Environment for Innovation
- Enhancing Regional Science and Technology Connectivity

Centers and Long Mechanisms

APCTP	Asia Pacific Center for Theoretical Physics est. in 1996
APECCTF	APEC Center for Technology Foresight est. in 1998
ACES	APEC Cooperation for Earthquake Simulation est. in 1999
APECTT	APEC Center for Technology Transfer est. in 2002
APCC	APEC Climate Center est. in 2005
AMGS	APEC Mentoring Center for the Gifted in Science est. in 2006
ACAB	APEC Research Center for Advanced Biohydrogen Technology est. in 2010
ACTS	APEC Research Center for Typhoon and Society est. in 2010



Highlights 2016

- APEC PPSTI Innovation Policy Sharing Seminar on Mass Entrepreneurship and Innovation
- APEC Science Prize for Innovation, Research and Education (ASPIRE)
- 1st Conference on Centers and Long-term Mechanisms, Pohang, Korea, 9-11 June
- APEC Research and Technology Program(ART)
- Cooperation with ABAC, HRDWG (joint session), SCSC, IASP, OECD, UNEP...



Undergoing Projects

--Internet of Vehicles

Capitalizing on the internet economy to create an integrated network using advanced technology for supporting intelligent traffic management and vehicle control and improving road safety and transportation efficiency

--SME Cluster Development

The creation of higher value added clusters through supply chain connectivity and by sharing successful models of acceleration and technology transfer



Undergoing Projects

--Smart City Application Forum

Promotion of energy efficiency through development of energy smart and low carbon model communities and cities utilizing new information technologies

--Dialogue on Sustainable Urbanisation

Integrating smart/innovative technologies and business solutions into city planning and management and building sustainable, resilient communities

--and others



CSAE and PPSTI: Opportunities for Coordination

-- Emergency Preparedness, Resilience, Response

- PPSTI's APEC Center for Typhoon and Society (ACTS)
- PPSTI Project: Building Earth and Marine Observation Systems

-- Developing Human Capital in Risk Management and Climate Change

- PPSTI's APEC Climate Center
- PPSTI's APEC Mentoring Center for Gifted in Science
- PPSTI's collaboration with APEC Human Resource Development WG

-- Sustainable Development Goals

- PPSTI's APEC Research & Technology (ART) Program.



Thank you for your attention

“Innovation represents an important pathway to improve the quality of growth, promote economic and social development, address common challenges and achieve prosperity of the Asia-Pacific and beyond.”

-----PPSTI Strategic Plan 2016-2025