Kunihiko (Kuni) Shimada

• Special Adviser to the Minister of Environment- JAPAN/ Vice-Chair, Technology Executive Committee (TEC)

• Special Adviser to the Minister of Environment Japan and Principal International Negotiator. Also Vice Chair of Technology Executive Committee (TEC). Kuni has participated in climate negotiations since 1997 and co-chaired several negotiation agenda items.

• Prior to that, Mr. Shimada served as an UN conflict mediator covering conflicts including Kosovo, Afghanistan, Iraq, Sri Lanka and Timore-Este.
Technology Executive Committee –
Recommending actions to create and enhance enabling environments for the development and transfer of climate technology

Third Meeting of the Durban Forum on capacity-building
12 June 2014
SB 40, Bonn, Germany
TEC – Recommending actions to create and enhance enabling environments

Mandates and functions

- **Technology Mechanism: established in 2010 in Cancun**
  - Facilitate the implementation of enhanced action on technology development and transfer to support action on both mitigation and adaptation, to achieve the full implementation of the Convention

- **Technology Executive Committee (TEC) – policy component**
  - Facilitate the effective implementation of the Technology Mechanism, together with the CTCN
  - Undertake seven defined functions
    - *(a) Provide an overview of technological needs and analysis of policy and technical issues related to the development and transfer of technologies for mitigation and adaptation*
    - *(e) Recommend actions to address the barriers to technology development and transfer in order to enable enhanced action on mitigation and adaptation*
  - Further implement the Technology Transfer Framework
    - Key themes: Capacity-building, Enabling environments
TEC – Recommending actions to create and enhance enabling environments

Work on enabling environments / capacity-building in 2012-2013

- Two thematic dialogues on enabling environments and barriers (EE&B) to technology development and transfer (May and September 2012)
- Key messages to COP 18 on enabling environments and barriers
- Consideration of findings from the second round of TNAs on enabling environments and barriers – June 2013
- Thematic dialogue on research, development and demonstration of technologies – June 2013
- Establishment of a TEC task force on EE&B
- Key messages to COP 18 and 19 on RD&D
- Three TEC Briefs released in October 2013
  - Technology needs assessments and Technology Roadmaps
Main key messages to the COP in 2012/2013 on enabling environments and barriers, and research, development and demonstration (RD&D)

- Enhance capacity of developing countries to assess, absorb and develop technologies needs to address their climate change related development challenges
- Consider in an integrated manner activities related to the technology cycle, policy, regulatory frameworks and financing
- Intellectual property rights is an area for which more clarity would be needed on their role in the development and transfer of climate technologies based upon evidence on a case by case basis
- Promote collaborative RD&D as a way to share knowledge and experiences between developed and developing countries, including through North–South and South–South collaboration, to meet the technology needs of developing countries
- Strengthening national systems of innovation provides an effective and efficient way to enhance national capacity to address climate change
- Multi-stakeholder engagement at the regional and national levels is essential to achieving effective international collaborative RD&D
TEC – Recommending actions to create and enhance enabling environments


- Workshop on technology for adaptation (March 2014), with consideration of barriers to and enabling environments for the successful implementation of adaptation technologies

- TEC Briefs on technology for adaptation in preparation, and possibly some key messages to COP 20

- Workshop on national systems of innovation – October 2014

- TEC Brief and key messages to the COP will follow, and further work on enablers to provide for an enhanced understanding on barriers and enablers

- Thematic dialogue on enablers and barriers to South-South cooperation on technologies for adaptation, in 2015

- Enhance the functioning of TT: CLEAR, to enhance knowledge-sharing among Parties and stakeholders

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United Nations Framework Convention on Climate Change

Thank you!

More information: ttclear.unfccc.int

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