



National Consultative Workshop on Strengthening and Roadmapping of Emerging Technology Innovation Systems of Sri Lanka

17-19 November 2015

Colombo, Sri Lanka

Jointly Organized by

Coordinating Secretariat for Science, Technology and Innovation (COSTI), Ministry of Science, Technology and Research, Sri Lanka
and

Asian and Pacific Centre for Transfer of Technology (APCTT)
of the United Nations Economic and Social Commission for Asia and the Pacific (ESCAP), New Delhi, India

Tentative Programme

17 November 2015, Tuesday

0800-0845 **Registration**

0845-0930 **Inauguration**

- Traditional lighting of the oil lamp and the national anthem
- Welcome Address by Prof. Sirimali Fernando, CEO- COSTI
- Address by Mr N Srinivasan, Coordinator, Science Technology and Innovation, APCTT-ESCAP
- Address by Mr Susil Premajayantha, Hon. Minister of Science, Technology and Research
- Vote of Thanks by Prof. Ajith de Alwis, Project Director COSTI

0930-1000



1000-1130 **Technical Session I – Current Global Trends in Emerging Technologies and Approaches to Harness them for Development**




Moderator: Mr Shehan Ratnavale, Programme Director-COSTI

1000-1020 - **Global Emerging Technology Trends: Bio and Nanotechnologies**
Mr N Srinivasan
Coordinator, Science Technology and Innovation, APCTT

1020-1040 - **Modern biotechnology**
Dr Nataporn Chanvarasuth, Senior Policy Researcher
National Center for Genetic Engineering and Biotechnology, Thailand

1040-1100 - **Nanotechnology and advanced materials**
Dr Abdul Kadir Bin Masrom
Under Secretary and Director, National Nanotechnology Directorate,
Ministry of Science Technology and Innovation (MOSTI), Malaysia

1100-1125 Questions & Answers

- 11.25-1130 WATER BREAK**
- 11.30-1300 Technical Session II - Emerging Technology Systems of Innovation in Sri Lanka: Current Status and Challenges**
Moderator: Dr S. Sahu, Coordinator, Science Technology and Innovation, APCTT
- 1130-1200 Status of biotechnology in Sri Lanka
 Status : *Prof. Sirimali Fernando, CEO-COSTI*
 Challenges : *Prof. Roshan Perera, KDU*
- 1200-1230 Status of nanotechnology and advanced materials in Sri Lanka
 Status : *Prof. Veranja Karunaratne, UoP*
 Challenges : *Dr Nilwala Kottegoda, UoSJ*
- 1230-1300 General Discussion
- 1300-1400 
- 1400-1700 Technical Session III - Break-out group sessions**
 Break-out Group 1 : Biotechnology
 Break-out Group 2 : Nanotechnology and advanced materials
Facilitated by APCTT and international resource persons
- Biotechnology – Breakout
- 1400-1630 Brief presentations to be made in biotechnology areas by the identified national experts to support the roadmap development
-  *(within session)*
- 1630-1700 1) Policy / regulatory difficulties 2) Funding and 3) Biotech park
- Nanotechnology and advanced material – Breakout
- 1400-1630 Brief presentations to be made in nanotechnology and advanced materials area by the identified national experts to support the roadmap development
-  *(within session)*
- 1630-1700 1) Policy regulation 2) Funding and 3) Further development of Sri Lanka’s Nano science Park

18 November 2015, Wednesday

0900- 1100 Technical Session IV – Plenary on Science Technology and Innovation (STI) Strategies

0900-0930 Approaches and strategies for measuring STI
- Mr. Mr N Srinivasan, Coordinator, Science Technology and Innovation, APCTT

0930– 1030 Panel discussions on systems of innovation and STI strategies
Moderator: Mr. N. Srinivasan, APCTT
- Panelists: Prof. Sirimali Fernando, Prof. Ajith de Alwis, Mr Ajit Gunawardane, Prof Ananda Jayewardane, Dr Abdul Kadir Bin Masrom, Dr S Sahu

1030-1100



1100-1230 Technical Session V - Policy and Institutional Frameworks for Hi-tech Innovation Systems

Moderator: Prof. Ajith de Alwis, Project Director - COSTI

1100-1120 - Emerging technology innovation systems: key considerations for policy making and strategy development
Dr Satyabrata Sahu, Coordinator, Technology Intelligence, APCTT

1120-1150 - **Modern biotechnology**
Dr Nataporn Chanvarasuth, Senior Policy Researcher
National Center for Genetic Engineering and Biotechnology, Thailand

1150-1210 - **Nanotechnology and advanced materials**
Dr Abdul Kadir Bin Masrom
National Nanotechnology Directorate, Ministry of Science Technology and Innovation (MOSTI), Malaysia

1210-1230 Questions & Answers

1230-1330



1330 Field visit
Biotechnology group : Ceygen Biotech Pvt., Credence Genomics Pvt.
Nanotechnology and Advanced Material Group : SLINTEC

19 November 2015, Thursday

0900-1030 Technical Session VI - Presentations from Breakout Groups

0900-0930 Presentation by break-out Group 1 : Biotechnology
Co-chairs of the National Council on Biotechnology

0930-1000 Presentation by break-out Group 2 : Nanotechnology and advanced materials
Co-chairs of the National Councils on Nanotechnology and advanced materials

1000-1030 Discussions

1030-1100



1100-1230 Technical Session VII - Plenary on Road-mapping for Sri Lanka

1100-1130 Presentation on linkages between the identified emerging technologies in a Sri Lankan Perspective
- Expert from Sri Lanka

1130-1230 Panel discussions on road-mapping
Moderator: Prof. Ajith de Alwis, Project Director-COSTI
- Panelists: *Dr S. Sahu, Mr. N. Srinivasan, Dr Nataporn Chanvarasuth and Dr Abdul Kadir Bin Masrom*

1230

Concluding Session

- Mr. N. Srinivasan, Coordinator, Science Technology and Innovation, APCTT-ESCAP
- Prof. Sirimali Fernando, CEO-COSTI

1300

