United Nations Climate Change
Technology Executive Committee

KOICA

UNFCCC Technology Executive Committee
AI for Climate Action Forum 2026

Shangri-la Hotel, Phnom Penh, Cambodia
13-14 October 2026, 9:00-18:00

Agenda

Version of 14 October

DAY 1: Tuesday, 13 October 2026, 9:00-18:00 (ICT)

8:00-9:00 Registration and Welcome Coffee and Tea

9:00-10:00 High-level Opening

Moderator: Anita Erskine

9:00-9:10 Welcome by the Moderator

Session moderator: H.E. Meas Chanthida, Under Secretary of State, Ministry of Environment, Cambodia

9:10-9:40 Opening Remarks

- Simon Stiell, Executive Secretary, United Nations Climate Change Secretariat
- Junmo Kim, Country Director, Korean International Cooperation Agency (KOICA) Cambodia Office
- Vladanka Andreeva, United Nations Resident Coordinator in Cambodia
- Fred Onduri, Member of the UNFCCC Technology Executive Committee (TEC)
- H.E. Dr. Eang Sophalleth, Minister of Environment, Cambodia

10:00-10:10 Group Photo

10:10-10:40 Coffee and Tea Break

10:40-11:00 Live Poll with Participants

11:00-12:30 Session 1: Opportunities to Harness AI for Climate Action in Developing Countries

Moderator: Anita Erskine

11:00-11:30 Scene-setting Presentations

- ***Powering the Energy Transition: Harnessing AI for Resilient and Renewable Energy Systems***
  Larissa Pinheiro Pupo Nogueira, Team lead, Energy Modelling and Planning, International Renewable Energy Agency (IRENA)
- ***Predicting Risk, Enabling Action: AI for Climate Resilience in Developing Countries***
  Nakul Prasad, Project Officer, World Meteorological Organization (WMO) on behalf of the Global Initiative on Resilience to Natural Hazards through AI Solutions
- ***From Data to Resilience: Harnessing AI for Climate-Smart Agriculture and Resilient Agrifood-Systems***
  Erik van Ingen, Senior Digital Agriculture and Innovation Specialist, Food and Agriculture Organization of the United Nations (FAO)

11:30-12:15 Roundtable Conversation with Presenters and Country Representatives

- Ou Chanthearith, Director, Department of Science and Technology, Ministry of Environment of Cambodia and UNFCCC National Designated Entity for Technology Development and Transfer of Cambodia
- Samuel Okodi McMondo, UNFCCC National Designated Entity for Technology Development and Transfer of Uganda

12:15-12:30 Q&A with the Audience

12:30-13:30 Lunch Break

13:30-14:30 Session 2: Showcasing Local AI-Powered Solutions for Climate Change Mitigation

Session moderator: H.E Sum Thy, Director General of Policy and Strategy, Ministry of Environment, Cambodia

13:30-14:00 Solution showcases

- ***SMART-RICE: AI and Satellite Data for Low-Emission Rice Cultivation in the Mekong Region***
  Gayoung Choi, Senior Researcher, National Institute of Green Technology
- ***Using AI for reducing greenhouse gas emissions from the built environment***
  Ivan Poon, Asia Lead, Climate Change AI
- ***AI and Digital Solutions for Low-Emission Transport***
  Juhee Jenny Lee, Team Leader, VERYWORDS

14:00-14:20 Panel Discussion: From Solutions to Scale

14:20-14:30 Q&A with the Audience

14:30-15:30 Session 3: Showcasing Local AI-Powered Solutions for Climate Change Adaptation

Session moderator: Maia Tskhvaradze, Programme Officer, UN Climate Change Secretariat

14:30-15:00 Solution Showcases

- ***SAFIR: Harnessing AI for Climate-Resilient Irrigation and Water Management***
  Alisa Luangrath, Head of the International Cooperation Team, Integrated Watershed Management Institute
- ***Advancing Climate Change Adaptation through AI in Cambodia***
  Mr. Sona Long, Director of Climate Change, Ministry of Environment, Cambodia
- ***AI for SIDS: Strengthening Early Warning and Climate Resilience***
  Letetia Mary Addison, Lecturer in Biostatistics, The University of the West Indies
- ***AI-powered Glacier Mapping and Glacial Lakes Monitoring in the Himalaya***
  Anthony Ortiz, Principal Research Science Manager, Microsoft AI for Good Research Lab

15:00-15:20 Panel Discussion: From Solutions to Scale

15:20-15:30 Q&A with the Audience

Group Photo with NDEs

15:30-16:00 Coffee and Tea Break

16:00-17:30 Session 4: UNFCCC Technology Mechanism AI for Climate Action Award 2026

Moderator: Anita Erskine

16:00-16:05 Introduction of the Award

16:05-16:10 Reflections from 2025 Award Winner Alisa Luangrath

16:10-17:00 Videos and short presentations by the 2026 Award Finalists

- ***Restoring degraded watersheds in Timor-Leste***
  Team Benedikta Anindya Bernadi
- ***Predicting forest fire occurrence in Tanzania***
  Team Cesilia Mambile
- ***Translating climate alerts into local languages and last mile delivery in Mali***
  Team Djeneba Doumbia
- ***Supporting climate action decision-making in Bangladesh***
  Team Faria Islam Sara
- ***Supporting climate risk management in Tanzania***
  Team Upendo Ernest Lyimo

17:00-17:15 Q&A with the Audience

17:15-17:20 Announcement of the Award Winner 2026!

17:20-17:25 Remarks by the Award Winner 2026

17:25-17:30 Photo with Award Finalists & Winner

17:30-18:00 Wrap-up and Closing of Day 1

Moderator: Anita Erskine

17:30-18:00 Key Takeaways of Day 1 and Outlook to Day 2

18:30-20:30 Gala Dinner

Moderator: Anita Erskine

18:30-18:40 Cultural Performance: Blessing Dancing

18:40-18:50 Welcome Remarks

- Kim Junmo, Country Director, KOICA Cambodia Office
- H.E. Dr. Eang Sophalleth, Minister of Environment, Cambodia

18:50-20:30 Gala Dinner

DAY 2: Wednesday, 14 October 2026, 9:00-18:00 (ICT)

9:00-9:10 Welcome Back and Live Poll with the Audience

Moderator: Anita Erskine

9:10-10:40 Session 5: Challenges and Risks of Using AI for Climate Action in Developing Countries

Session moderator: Bill Wright, Chair, Enterprise Neurosystem

9:10-9:40 Scene-setting presentations

- **Building Local Capacity for AI-Powered Climate Action**
  Karlina Octaviany, Artificial Intelligence Advisor, ICT & Digitalisation, GIZ
- **Data Gaps and Bias: Building the Data Foundations for AI**
  Prachi Shahare, Coordinator, Digital Public Goods Alliance
- **Digital Infrastructure and Energy Challenges of AI for Climate Action**
  Reyna Ubeda, Study Group Advisor, International Telecommunication Union (ITU)

9:40-10:25 Roundtable Conversation with Presenters and Country Representatives

- Raniya Husnu Al Suood, Senior Environment Management Officer, Ministry of Climate Change, Environment and Energy and UNFCCC National Designated Entity for Technology Development and Transfer of the Maldives
- El Hadji Diop, UNFCCC National Designated Entity for Technology Development and Transfer of Senegal

10:25-10:40 Q&A with the Audience

10:40-11:10 Coffee and Tea Break

11:10-12:30 Session 6: Whose Knowledge? Whose Solutions? - Advancing Inclusive and Equitable AI for Climate Action

Session moderator: Gyungah Kim, Manager, Korea International Cooperation Agency

11:10-12:10 Roundtable Conversation

- Hindou Oumarou Ibrahim, President, Association for Indigenous Women and Peoples of Chad
- Blen Romam, President, Cambodia Indigenous Youth Association
- Djeneba Doumbia, Founder and Coordinator, Green Youth and Development
- Chilambwe Olga Mwansa, Senior Science and Research Officer, Ministry of Technology and Science and UNFCCC National Designated Entity for Technology Development and Transfer of Zambia
- Phinith Chanthalangsy, Regional Advisor for Social and Human Sciences, UNESCO

12:10-12:30 Q&A with the Audience

12:30-13:45 Lunch Break

13:45-15:00 Session 7: From Policies to Practices: National Approaches to AI-powered Climate Action

Session moderator: Jaeyoun You, Chairperson, Social Division, Presidential Council on National AI Strategy, Republic of Korea

13:45-14:45 Roundtable Conversation

- Gerald Kafuku, Manager of Innovation and Technology, Tanzania Commission for Science and Technology and UNFCCC National Designated Entity of the United Republic of Tanzania
- Shreshtha Ragini, Knowledge Management Officer, Ministry of Environment and Climate Change and UNFCCC National Designated Entity for Technology Development and Transfer of Fiji
- Christopher Bangalie Kabah, Director, Planning and Policy, Environmental Protection Authority and UNFCCC National Designated Entity of Liberia
- Yash Laiksingh, Policy Officer, Ministry of Economic Affairs, Entrepreneurship and Technological Innovation and UNFCCC National Designated Entity for Technology Development and Transfer of Suriname

14:45-15:00 Q&A with the Audience

15:00-15:30 Coffee and Tea Break

15:30-17:00 Session 8: Financing and Partnerships to Scale AI for Climate Action

Session moderator: Gyungah Kim, Manager, Korea International Cooperation Agency

15:30-16:10 Scene-setting Presentations

- Tomoko Furusawa, Head of Partnership and Liaison Office, Climate Technology Centre and Network (CTCN)
- Yuan Zheng, Senior Professional, Strategy, Policies and Partnerships Department, New Development Bank (NDB)
- Thavin So, Senior Climate Change Officer, Asian Development Bank (ADB)
- Nathalie Andre, Country Office Lead for Cambodia, Global Green Growth Institute (GGGI)
- Shruti Narayan, Managing Director, Regions and Mayoral Engagement, C40

16:10-16:50 Roundtable Discussion with Presenters

16:50-17:00 Q&A with the Audience

17:00-17:30 Live Poll with the Audience and Key Takeaways

17:30-18:00 Closing

Moderator: Anita Erskine

17:30-17:50 Closing remarks

- Fred Onduri, Member of the UNFCCC Technology Executive Committee
- H.E. Dr. Eang Sophalleth, Minister of Environment, Cambodia

17:50-18:00 Group Photo with all Participants