

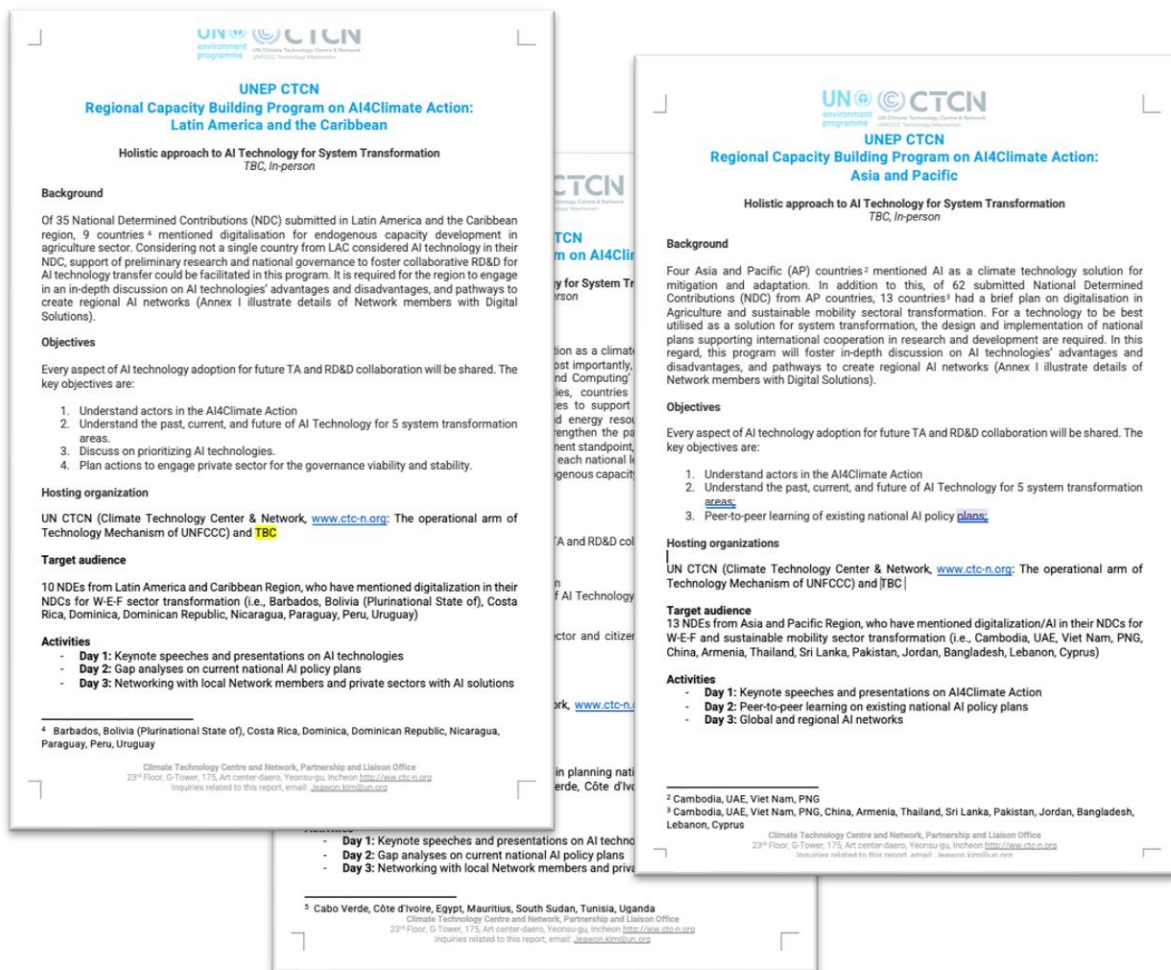
Technology Mechanism Initiative on AI4Climate Action

Capacity Building Series

CTCN AB - Friday 19th April 2024

Rajiv Garg, CTCN Director (a.i.)

Capacity Building on Artificial Intelligence



List of countries mentioned AI in NDCs:
Non-Annex 1 (32) :China, Armenia, Thailand, Sri Lanka, Pakistan, Jordan, Bangladesh, Lebanon, Cyprus, Cambodia, United Arab Emirates, Viet Nam, PNG, Cabo Verde, Côte d'Ivoire, Egypt, Mauritius, South Sudan, Tunisia, Uganda, Barbados, Bolivia (Plurinational State of), Costa Rica, Dominica, Dominican Republic , Nicaragua, Paraguay, Peru, Uruguay, Albania, Andorra,

Annex 1 (25): Austria, Belgium, Bulgaria, Croatia Czechia, Denmark, Estonia, European Union, Finland, France, Germany, Greece, Hungary, Ireland, Lithuania, Luxembourg, Malta, Netherlands, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Serbia

Technology Training for NDEs

- **Objective:** Awareness
- **Regions:** Asia, Pacific, LAC, Africa
- **Mode:** In-person, 2-day

Objectives

- Increasing NDE's knowledge related to AI technologies
- Lead to formation of NDE-led regional networks of entities supporting AI for climate actions.
- Introducing Key players of AI4Climate action in this
- Provide a platform for discussions on all types of ethical AI technologies available for application and its impact on 5 systems of transformation
- Establishing collaborations and partnerships
- Share information on the work of the Technology Mechanism Initiative on AI for Climate Action

This program will cover:

- a) Past, current, and future AI technologies;
- b) System thinking for National AI policy instruments;
- c) Regional Networks for societal shift and economic stability.

Agenda Topics – Under Development

1) Holistic approach to the AI4Climate Action

- From past to present, and future: History of AI
- Two-sides of AI technologies: Pros and Cons
- System thinking for AI4Climate Action: Key players and their action

2) Overview of AI technology for 5 System Transformation Areas

- Applying AI technologies for Energy systems
- Applying AI technologies for Building and Infrastructure
- Applying AI technologies for Business and Industry
- Applying AI technologies for Agriculture
- Applying AI technologies for Sustainable Mobility

Agenda – contd.

3) AI4Climate Action - Policies for System transformation by national governments

4) Calling from Future – Networks : Developing Regional AI Network

- Identify existing AI network/governance
- Mapping AI network/governance
- Developing policies to support mapped AI network

5) Digital /AI readiness

Venue/ Duration / Logistics

- 1) To be organized in conjunction with regional NDE forums / In person
 - Asia – July 2024 [Songdo]
 - Pacific – July 2024 [Songdo]
 - Africa – September [Nairobi]
 - LAC – TBC
- 2) Duration : 2 days (in conjunction with NDE forum)
- 3) NDEs and CTCN network members (more than 50 identified to be working on AI)
- 4) Resource Speakers – from Network members and public institutions

Follow Up Actions : Webinar

Webinar Series :

- Specific case on Applying AI technologies for Energy systems
- Specific case on Applying AI technologies for Building and Infrastructure
- Specific case on Applying AI technologies for Business and Industry
- Specific case on Applying AI technologies for Agriculture
- Specific case on Applying AI technologies for Sustainable Mobility

Cost Implications – Globally

- Training Material : 20000 USD
- Additional Travel for resource speakers and network members: 50000 USD
- Additional days subsistence : $(2*300*120) = 72000$ USD
- Additional Venue expenses : $(50*120*2) = 12000$ USD
- Miscellaneous : 6000 USD

TOTAL : Approx 160000 USD



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