

Agenda item 4 (a) iv. Digital Technologies

Concept Note: COP 28 High-Level Event on Artificial Intelligence for Climate Action

Technology Executive Committee, 27th meeting and TEC-CTCN Joint session
19-21 and 22 September 2023, Bonn, Germany



Erwin Rose, Co-Lead of TEC Activity Group on Digital Technologies

TEC Activity Group on Digital Technologies

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I. Background

- The TEC is exploring the role of artificial intelligence (AI) and applied machine learning as enablers of climate solutions (TEC rolling workplan, Activity A.4.1.)
- TEC 26 requested the Activity Group on Digital Technologies to prepare an event for COP 28 and report back at TEC 27

II. Objectives

- The objectives of this event are to provide a space for policy discussion, awareness raising, and exchange of knowledge and experiences on developing and deploying climate solutions powered by AI



III. Format

- High-level opening
- High-level panel
- Showcases of AI-powered adaptation and mitigation solutions
- Technology Mechanism findings from Regional Climate Weeks
- Q&A
- Closing



IV. Draft Agenda

5'	Welcome & introduction by the Moderator
15'	High-level Opening: UNFCCC/UNEP/COP Presidency
30'	High-level Panel Discussion: Governments/UN/CEO/Academia <ul style="list-style-type: none">➤ How to harness the power of AI as a transformational tool for climate action in particular for the most vulnerable communities?➤ How to ensure that the digital divide is not widening with AI applications?➤ What aspects need to be taken into consideration to ensure an inclusive and just application of AI for climate action?➤ How can international cooperation and partnerships be strengthened to leverage the role of AI for addressing climate change?
20'	AI for Climate Action Showcases: 2 x Adaptation (AI & NAI) and 2 x Mitigation (AI & NAI)
3'	Technology Mechanism findings from Regional Climate Weeks
15'	Q&A
2'	Closing by UN Special Envoy for Climate Ambition and Solutions



Thank you!

