

Agenda item 8 (b) ii. Technology Mechanism Initiative on Artificial Intelligence for Climate Action

Technology Mechanism AI Climate Application Hub

Technology Executive Committee, 28th meeting and TEC-CTCN Joint session
16-18 and 19 April 2024, Copenhagen, Denmark



Background

- The TEC and the CTCN Advisory Board agreed on a concept note for the Initiative, including activities to be undertaken by the TEC, by the CTCN and jointly by the TEC and the CTCN (TEC/2023/27/21, Annex III).
- The TEC agreed on a concept note for the AI Innovation Grand Challenge in partnership with Enterprise Neurosystem, including the development of a Technology Mechanism AI Climate Application Hub to serve as repository of AI powered open-source climate applications that can be freely accessed by all countries, featuring the outputs of the AI Innovation Grand Challenge (TEC/2023/27/09).
- The TEC-CTCN AB Joint Taskforce on AI requested the TEC and CTCN Secretariats to jointly launch the Technology Mechanism AI Climate Application Hub in partnership with Enterprise Neurosystem.
- Enterprise Neurosystem to develop, host and manage the online repository; co-branded by Enterprise Neurosystem, CTCN and TEC.

Update

- Offer received from IBM Research to provide pro-bono support for the development.
- To be based on the Github platform, which enables pass-through software downloads from different validated sources.
- Recruitment of research groups, academic institutions and open-source development communities.
- Application communities and authors deliver training and support of application donations.
- Target and encourage contributions from developing countries.
- YouTube - AI development and application training programs in multiple languages.

Timeline

- Activate IBM development team and cadence calls – April 2024
- Website development framework design complete – May 2024
- Approval of design by TEC and CTCN Secretariats – May 2024
- Development of website framework – June to July 2024
- Small group of applications for posting on site – August 2024
- Testing and integration of framework – August 2024
- Initiate promotion for application donations – September 2024
- Go-live date – October 2024
- Promotional activity at COP 29 – November 2024



Thank you.

