



## **Side Event | Bonn Climate Change Conference (SB 58)**

### **How Digital Technologies Can Support Carbon Markets: The Digital 4 Climate Initiative**

Wednesday, 07 Jun 2023  
13:15 – 14:30 CET, Bonn Room

#### **Background**

Decisions in Glasgow on Article 6, paragraph 8 of the Paris Agreement elaborated the importance of non-market approaches in assisting Parties to implement nationally determined contributions (NDCs) in the context of sustainable development and poverty eradication. Further, Parties at COP27 (Decision -\*/CMA.4 paragraphs 14), requested the secretariat to ensure that the relevant activities of the UNFCCC Global Innovation Hub contribute to supporting the implementation of the joint work programme as guided by the technology framework to avoid duplication and fragmentation of efforts in the area of innovation. This side-event supports the work programme under the framework for non-market approaches and it is synergetic to the implementation of the joint work programme.

#### **Objective**

The planned event aims to provide an overview of the opportunities that digital technologies bring to underpin and support post-2020 carbon markets. The UNFCCC, EBRD, UNDP and WB initiated the 'Digital for Climate' (D4C) collaboration in the form of a Working Group with the aim to jointly build an end-to-end digital ecosystem for the carbon market. The D4C has also partner organizations including the International Emissions Trading Association and the European Space Agency (ESA). This panel will discuss the work of the Digital 4 Climate Initiative and how it aims to assist Parties to improve efficiency and transparency in both upstream and downstream of carbon markets.

The workshop will include presentations on the D4C's workstreams components including digitizing methodologies, digital monitoring, reviewing and verification (MRV), national carbon registries, and the ability to issue digital carbon assets, all tracked and anchored in the Climate Action Data Trust (CADT) metadata layer and coordinated through a digital workflow platform.

#### **Logistics**

The event will take place in Bonn, Germany at the margins of the Bonn Climate Change Conference (SB 58), at Room Berlin, on Wednesday, 7th June 2022, between 13:15 – 14:30. The event will be broadcasted, and a link will be provided over the SB58 Event Platform closer to the date. For panelists, registration as a delegate is required.

- 13:15 – 13:20: Welcoming remarks by UNFCCC & WB
- 13:20 – 14:00: Panel Presentation
  - o Massamba Thioye, Project Executive, Global Innovation Hub, UNFCCC
  - o Dmitry Halubouski, Associate, Climate Finance and Carbon Markets, EBRD
  - o Reina Otsuka, Lead Digital Innovation for Climate Nature and Energy, UNDP
  - o Gemma Torras Vives, Climate & Technology Specialist, Climate Warehouse, World Bank
  - o Frank Martin Seifert, Earth Observation Application Engineer, European Space Agency (ESA)
- 14:00 – 14:20: Discussion
- Sonam Tashi, Chief Planning Officer, Policy & Planning Division, Ministry of Economic Affairs of Bhutan
- El hadji Mbaye Diagne, Director General of Afrique Energie Environnement (AEE), Senegal
- 14:20 – 14:28: Open Q&A session
- 14:28 -14:30: Closing remarks by UNFCCC & WB