UNDP SDG Blockchain Accelerator Cohort 1

Date: 18 September 2025

1. **Participants:**

   i. **UNDP Tanzania:** Mariestella Kago, Faustine Ninga, Ann Moirana, Tulalumba Bangu, Peter Lyimo
   ii. **Thallo team**: Joseph Hargreaves, Brandon Nazek
   iii. **Tanzania Forest Services Agency (TFS):** Yusuph Tango, Mary Mahumi, Raymond Suleiman
   iv. **National Carbon Monitoring Centre (NCMC)**: Dr. Paul Lyimo

2. Agenda:
1. Opening Remarks
2. Live Demo
3. Discussion
4. Way Forward

3. Opening
The meeting opened with acknowledgements from UNDP and Thallo teams. Participants highlighted the importance of collaboration in developing a transparent, blockchain-enabled carbon credit registry and marketplace for Tanzania.

4. Summary Of Key Action Point

Key Agreed Actions for Implementation	Timeline	Responsible
Set up joint technical meeting between Thallo, NCMC, and VPO to explore integration of blockchain platform with government registry.	Before end of September	UNDP CO
Explore integration of Thallo's platform with NCMC's digital registry. Set up a joint meeting between Thallo, NCMC (with developer team)	Before End of September	UNDP/Thallo
Prepare for further technical demonstration tailored to NCMC – Block chain/VPO integration (e Mazingira).	October	Thallo

5. Thallo Presentation

Thallo demonstrated its blockchain enabled carbon registry and marketplace. Key features included issuance, management, and retirement of carbon credits in a secure, transparent manner. The system ensures full traceability and auditability, supporting quick flow of finance from buyers to project developers and government entities.

6. Key Discussions & Questions

During the discussion, government colleagues raised several clarifying questions on the functionality and alignment of the blockchain-based carbon credit registry.

Mary Mahumi from the Tanzania Forest Services (TFS) inquired whether the platform could automatically pull carbon credit prices from international standards such as Verra. In response,

Joe (Thallo) explained that credits issued by the Government of Tanzania would generally be self-priced. However, he noted that the system could be integrated with established standards like Verra and Gold Standard and that Thallo could provide price guidance based on data from trading partners.

Faustine Ninga from UNDP asked whether Thallo's registry solution assumed that the NCMC system was already fully functional or if it would also support its operationalization. Joe clarified that Thallo's platform was designed to be complementary, not a replacement. The intention is to strengthen and accelerate existing government systems, with the long-term plan being full handover of operations to government, while Thallo provides ongoing technical backend support.

Dr. Paulo Lyimo from NCMC confirmed that the Centre is already developing a digital registry that includes blockchain elements. He emphasized that Thallo's proposed solution aligns with several components currently under development. To avoid duplication of effort, he recommended integrating the two systems and proposed a follow-up meeting between Thallo, NCMC and their developer team.

Building on this, Faustine highlighted that the Vice President's Office is also in the process of developing the E-Mazingira database to centralize environmental and climate data. He recommended that this platform also be factored into future discussions to ensure coordination. Paulo confirmed that NCMC's registry is indeed planned to link with VPO's E-Mazingira platform, further reinforcing the importance of collaborative integration moving forward.

7. Way Forward

UNDP will organize a follow-up technical meeting between Thallo, NCMC and VPO technical teams to align platforms and explore integration options. TFS will remain the lead agency under NZNP and Building Resilience projects with support from UNDP and AltFinLab. A broader stakeholder session including will be organized to demonstrate the pilot and gather feedback.