



Investment Phase: Progress update

Tanzania January 2026

Systematic Observations
Financing Facility

**Weather
and climate
data for
resilience**



General Information

Country	United Republic of Tanzania	
Implementing Entity	United Nations Development Programme (UNDP)	
Agreement effectiveness date	20 May 2024	
Duration	60 months	
Anticipated end date	1 May 2029	
Reporting period	From: 1 July 2025	To: 31 December 2025
Approved amount	Total: USD 9,067,503.87 <ul style="list-style-type: none"> • UNDP: USD 8,437,337 • WMO: USD 630,166.87 	
Disbursed amount	Total: USD 5,272,436.82 <ul style="list-style-type: none"> • UNDP – USD 5,062,402.20 • WMO – USD 210,034.62 	

Summary

The implementation of the SOFF Investment Phase in the United Republic of Tanzania officially commenced in **July 2024**. The 2025 Annual Work Plan focuses on achieving two core outcomes:

1. **Outcome 1:** GBON institutional and human capacity developed
2. **Outcome 2:** GBON infrastructure in place

Key Achievements: July - December 2025

Outcome 1: GBON institutional and human capacity developed

Regional and International Collaboration and Knowledge Exchange

- **Participation in the SOFF Africa Regional Workshop – Investment Phase Implementation**, held in **Casablanca, Morocco (1–3, 5-8 October 2025)**, where Tanzania presented national implementation progress, challenges, lessons learned, and contributed to regional resolutions.
- Participation in the **ClimAfrica Forum 2025 – SkyLabs Edition**, held in **Rabat, Morocco (29–30 September 2025)**, focusing on climate services, innovation, and regional coordination.
- **Participation in the Meteorological Technology World Expo (MTWE) 2025**, held in **Vienna, Austria (14–16 October 2025)**, enabling TMA experts to explore advanced meteorological and environmental monitoring technologies relevant to GBON requirements.
- **Participation in the Extra-Ordinary Session of the World Meteorological Congress (Cg-Ext 2025)**, held in **Geneva, Switzerland (20–23 October 2025)**, including sessions on the **Early Warnings for All (EW4ALL)** initiative, where Tanzania shared experience on SOFF’s contribution to EW4ALL implementation.
- **Bilateral outreach to 21 African countries implementing SOFF** to initiate collaboration, peer learning, and exchange of experience on GBON infrastructure and capacity development.

Institutional Capacity Building

- **Training on Tanzania Revenue Authority (TRA) systems for application of tax exemptions**, conducted in **Morogoro from 24–26 September 2025**, building capacity of 12 TMA staff to manage tax exemption processes for imported GBON equipment.
- **Training for TMA Senior Management Staff on Project Management for Capital Expenditure (CapEx) meteorological infrastructure projects**, conducted at the **Institute of Accountancy Arusha from 15–19 December 2025**, strengthening institutional capacity for planning, implementing, and sustaining large-scale GBON infrastructure investments.

Project Monitoring

- **Bi-annual project monitoring mission** conducted from **23 November to 2 December 2025**, involving field visits to Mwanza, KIA, and Songwe upper-air stations to assess progress, verify outputs, and inform Steering Committee decision-making.

Communication and Visibility of GBON Infrastructure

- **Field visits for documentation and communication of socio-economic benefits** of the new upper-air stations, conducted from **23 November to 2 December 2025**, resulting in

the preparation of documentary and communication materials to enhance visibility of SOFF-supported GBON infrastructure.

Project Coordination, Governance, and Oversight

- **Third Meeting of the SOFF Project Technical Coordination Committee (PTCC)** held in **Dodoma from 27–29 August 2025** to review progress on the 2025 Annual Workplan, financial performance, construction activities, procurement status, Environmental Impact Assessments, and the DMI technical familiarization visit.
- Agreement reached to strengthen implementation oversight through **monthly online PTCC follow-up meetings**.

Outcome 2: GBON infrastructure in place

1. Construction of GBON Upper-Air Infrastructure

- **Completion and certification of Environmental Impact Assessments (EIAs)** for upper-air station sites at Songwe, Mwanza, and Kilimanjaro International Airports, enabling compliant establishment and operation of GBON infrastructure.
- **Preparation of services drawings** (electricity and water) by TMA and UNDP technical teams to support installation of meteorological equipment.
- **Technical inspections and verification of construction milestones** conducted through regular site visits by:
 - Site Clerks of Works
 - TMA and UNDP technical experts
 - PTCC leadership, including a technical guidance visit on **4 September 2025**.

2. Procurement of GBON Infrastructure

- **Completed procurement activities**, including:
 - Procurement and delivery of **safety gear and working tools** for land-based GBON stations.
 - **Customisation of five (5) project vehicles** with canopies to support GBON station operations.
- **Signing and initiation of contracts** for the supply and delivery of:
 - **Nine (9) new Automatic Weather Stations (AWSs)**
 - **Seven (7) AWS upgrades**
- The technical evaluations for the **Universal Data Collection and Dissemination System (UDCS)**, **equipment for the three (3) new upper-air stations**, and **equipment for upgrading the upper-air station at Julius Nyerere International Airport** have been completed. **Financial negotiations with the suppliers are currently ongoing**, with a view to finalising contract awards in the next implementation period.



Photo 1: The Director General of TMA, Dr. Ladislaus Chang'a delivering opening remarks at the Training for TMA Senior Management Staff on Project Management for Capital Expenditure (Capex) meteorological infrastructure projects held at the Institute of Accountancy Arusha (IAA) from 15th to 19th December, 2025.



Photo 2: Group photo of participants of the Training for TMA Senior Management Staff on Project Management for Capital Expenditure (Capex) meteorological infrastructure projects held at the Institute of Accountancy Arusha (IAA) from 15th to 19th December, 2025.



Photo 3: Director of Infrastructure and Technical Services at TMA, who is also the Coordinator of SOFF project implementation at TMA making an intervention at the “ClimAfrica Forum 2025 – SkyLabs Edition”, in Rabat, Morocco on 29th and 30th, September, 2025, which preceded the SOFF Africa Regional Workshop – Investment Phase Implementation”,



Photo 4: SOFF project Desk Officer based at TMA, Mr. Mathew Ndaki, delivering Tanzania presentation at the “SOFF Africa Regional Workshop – Investment Phase Implementation”, which was held in Casablanca, Morocco from 1st to 3rd October, 2025



Photo 5: Upper air Station building at Kilimanjaro International airport - December 2025



Photo 6: Upper air Station building at Songwe airport - December 2025



Photo 7: Upper air Station building at Mwanza airport - December 2025



Photo 8: Group photo of Monitoring Team, Technical Team and Site workers at Songwe Airport - December 2025.

Progress of implementation

Output	Indicator	Target					Actual					Status	Milestones achieved	Challenges and risks	
		Y1	Y2	Y3	Y4	Y5	Y1	Y2	Y3	Y4	Y5				
1. GBON institutional and human capacity developed															
1.1 National consultations, including with CSOs and other relevant stakeholders conducted	Number of workshops with stakeholders	1	1	1									Not yet started		<ul style="list-style-type: none"> No challenge, the activity for this indicator is scheduled to take place later during 2025; Mitigation measures for the identified risks associated with this activity are being adhered to.
	Percentage of women participating in SOFF consultations with CSOs and the private sector	50%	50%	50%										Not yet started	
1.2 NMHS institutional capacity required to operate the GBON network developed	Number of TMA Senior Management trained		10										Achieved	<ul style="list-style-type: none"> Training for 24 TMA Senior Management Staff on Project Management for Capital Expenditure (CapEx) was successfully conducted at the Institute of Accountancy Arusha from 15–19 December 2025. A total of 34 TMA staff (senior management, technical experts, and support staff) participated, exceeding the annual target. 	

	Number of Team members trained in project Management	5										Achieved	<ul style="list-style-type: none"> 5 Team members participated in the Project Management for Capital Expenditure (CapEx) training held at the Institute of Accountancy Arusha from 15–19 December 2025. The training strengthened project management capacity within TMA. 		
1.3 NMHS human capacity required to operate the GBON network developed	Number of TMA Engineers and ICT staff Trained		15	10								Not yet started	<ul style="list-style-type: none"> No training activities for TMA engineers and ICT staff were implemented during the reporting period, as the training is planned to take place after procurement and delivery of the relevant GBON equipment, in order to ensure hands-on, operationally focused capacity building. 	<ul style="list-style-type: none"> This activity awaited the delivery of procured equipment. Mitigation measures for identified risks associated with this activity are being adhered to. 	
2. GBON infrastructure in place															
2.1 New land-based stations and related equipment, ICT systems, data management systems and standard operating practices in place	Number of new land-based stations installed (Nine new stations)		9										On-track	<ul style="list-style-type: none"> Purchase Order has been issued for 9 new land-based stations. Delivery is expected in May 2026, with installation following thereafter. 	<ul style="list-style-type: none"> No challenge; Mitigation measures for identified risks associated with this activity are being adhered to.
2.2 Improved land-based stations and related equipment, ICT systems, data management systems and standard operating practices in place	Number of land-based stations improved (7 stations)		7										On-track	<ul style="list-style-type: none"> PO has been issued for 7 improved land-based stations. Delivery is expected in May 2026, with installation following thereafter. Procurement of safety gears and working tools for land-based stations has been completed, with items delivered to TMA. Evaluation of Tenders for 	<ul style="list-style-type: none"> No challenge; Mitigation measures for the identified risks associated with this activity are being adhered to.

<p>3.1 GBON land-based stations' commissioning period completed, country-specific standard cost for operations and maintenance established, and data sharing verified by WMO Technical Authority</p>	<p>Number of land-based stations commissioned</p>				<p>27</p>							<p>Not yet started</p>		<ul style="list-style-type: none"> • No challenge, the activity for this indicator is scheduled to take place later; • Mitigation measures for the identified risks associated with this activity are being adhered to.
<p>3.2 GBON upper air stations' commissioning period completed, country-specific standard cost for operations and maintenance established, and data sharing verified by WMO Technical Authority</p>	<p>Number of upper air stations commissioned</p>				<p>5</p>							<p>Not yet started</p>		<ul style="list-style-type: none"> • No challenge, the activity for this indicator is scheduled to take place later; • Mitigation measures for identified risks associated with this activity are being adhered to.