



Investment Phase: Progress update

United Republic of Tanzania
July 2025

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 January 2025	To: 30 June 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:** Institutional and human capacity for the Global Basic Observing Network (GBON) enhanced
2. **Outcome 2:** GBON infrastructure established and operational

Key Achievements: January – June 2025

Outcome 1: GBON Institutional and Human Capacity Developed

3. High-Level Launch of the SOFF Investment Phase

A national launch event was held on **21 January 2025**, officiated by the Hon. Prime Minister Kassim Majaliwa. The event was attended by the Acting Director General of the Tanzania Meteorological Authority (TMA), Dr. Ladislaus Chang'a; the Director General of the Danish Meteorological Institute (DMI), **Ms. Marianne Thyrring**; the UNDP Resident Representative, **Mr. Shigeki Komatsubara**; and several senior government officials and development partners.

4. Strengthening Project Coordination Mechanisms

1. The **second meeting** of the Project Technical Coordination Committee (PTCC) took place on **14 March 2025**, focusing on the preparation of the Annual Work Plan.
2. The **second National Steering Committee meeting** was held on **10 April 2025**, where the 2025 Annual Work Plan (AWP) was formally reviewed and approved.

5. Technical Familiarisation Visit to Denmark

A delegation from Tanzania conducted a **technical familiarization visit to the Danish Meteorological Institute** from **20–30 June 2025**. The visit aimed to deepen institutional

and technical capacity in line with GBON requirements and promote long-term sustainability of project outcomes.

Outcome 2: GBON Infrastructure in Place

1. Environmental Impact Assessments (EIAs)

EIAs for the construction of new upper-air stations are at an advanced stage. This process is being undertaken in compliance with the Environmental Management Act (2004), which governs projects with potential environmental or social impacts.

2. Construction of Upper-Air Station Buildings

Civil works for the construction of upper-air station buildings across **three selected sites** are nearing completion.

3. Preparation of Utility Service Designs

Detailed service drawings, including water supply and electrical installations for the upper-air stations, have been completed.

4. Finalization of Technical Specifications

Technical specifications for both new and upgraded GBON stations—covering surface and upper-air observation systems—have been finalized to guide procurement and implementation.

5. Procurement of Safety Gear and Tools

The procurement of safety equipment and work tools for land-based stations has been finalized. TMA is concluding internal procedures for receiving and distributing the consignment.

6. Procurement of Data Systems

Evaluation of bids for the **supply, installation, and commissioning** of data collection, storage, and dissemination systems has been completed. The **Purchase Order (PO)** is expected to be issued in **early August 2025**.

7. Upgrading of Land-Based Stations

Tenders for the **procurement of equipment to upgrade seven land-based stations** have been evaluated. A **PO** is similarly anticipated in **early August 2025**.

8. Procurement of Operational Vehicles

The procurement of **five (5) vehicles** to support operations at GBON stations has been completed. Branding and customisation are currently underway ahead of handover to TMA.



Photo 1: The Prime of the United Republic of Tanzania, Hon. Kassim Majaliwa Majaliwa (MP) cutting a ribbon to release a weather balloon in the atmosphere as an action of official launch of the SOFF project- Investment phase in Tanzania, which took place on 21st January 2025.



Photo 2: Upper air station building at Songwe airport, one of the three sites where new upper air stations will be established.



Photo 3: Technical Familiarization visit to Danish Meteorological Institute (DMI) on the aspects which DMI has advanced technical expertise related to GBON requirements, as part of enhancing institutional and human capacity to support effective delivery of the SOFF project outputs and outcomes and their sustainability, which took place from 20th to 30th June, 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		<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.	
1.2 NMHS institutional capacity required to operate the GBON network developed	Number of TMA Senior Management trained		10									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.	

Output	Indicator	Target					Actual					Status	Milestones achieved	Challenges and risks
		Y1	Y2	Y3	Y4	Y5	Y1	Y2	Y3	Y4	Y5			
	Number of Team members trained in project Management	5										On-track	A concept note has been drafted to ensure that the training has a multiplier effect at TMA even for other future projects	<ul style="list-style-type: none"> No challenge, the activity for this indicator is scheduled in the Annual Workplan for 2025; Mitigation measures for the identified risks associated with this activity are being adhered to.
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 challenge, the activity for this indicator is scheduled in the Annual Workplan for 2025; Mitigation measures for identified risks associated with this activity are being adhered to.
	Add indicator as per approved funding request											Select an item		
	Add indicator as per approved funding request											Select an item		
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"> Procurement of five (5) vehicles to support activities of GBON Stations has been completed. Branding of the cars is underway for handing them to TMA; Evaluation of Tenders for procurement of new 9 weather stations has been completed. The Purchase Order (PO) is expected to be issued in early August, 2025; 	<ul style="list-style-type: none"> No challenge; Mitigation measures for identified risks associated with this activity are being adhered to.

Output	Indicator	Target					Actual					Status	Milestones achieved	Challenges and risks
		Y1	Y2	Y3	Y4	Y5	Y1	Y2	Y3	Y4	Y5			
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"> Procurement of safety gears and working tools for land-based stations has been completed; Evaluation of Tenders for procurement (supply, install and commissioning) of the data collection system, data storage and dissemination system has been completed. The Purchase Order (PO) is expected to be issued in early August, 2025; Evaluation of Tenders for the supply of equipment for upgrading 7 land-based stations has been completed. The Purchase Order (PO) is expected to be issued in early August, 2025. 	<ul style="list-style-type: none"> No challenge; Mitigation measures for the identified risks associated with this activity are being adhered to.
2.3 New upper air stations and related equipment, ICT systems, data management systems and standard operating practices in place	Number of new upper air stations installed (3 stations)		3									On-track	<ul style="list-style-type: none"> Environmental Impact Assessment (EIA) for the sites where new upper air stations will be installed is at final stages; Construction of buildings for the new upper air stations for all the three sites is at final stages; Services drawings for the Upper air stations, including services for water supply and electrical installations have been prepared; 	<ul style="list-style-type: none"> No challenge; Mitigation measures for the identified risks associated with this activity are being adhered to.

Output	Indicator	Target					Actual					Status	Milestones achieved	Challenges and risks
		Y1	Y2	Y3	Y4	Y5	Y1	Y2	Y3	Y4	Y5			
2.4 Improved upper air stations and related equipment, ICT systems, data management systems and standard operating practices in place	Number of upper stations improved (1 station)		1									On-track	<ul style="list-style-type: none"> Technical Specifications of stations spare parts to be procured have been concluded; Procurement of materials and related services for upgrading the upper air station at Julius Nyerere International Airport (JNIA) is under solicitation phase, seeking approval for direct contracting. 	<ul style="list-style-type: none"> No challenge; Mitigation measures for the identified risks associated with this activity are being adhered to.
3. Sustained compliance with GBON														
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	Number of land-based stations commissioned				27							Not yet started		<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.

Output	Indicator	Target					Actual					Status	Milestones achieved	Challenges and risks
		Y1	Y2	Y3	Y4	Y5	Y1	Y2	Y3	Y4	Y5			
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	Number of upper air stations commissioned				5							Not yet started		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.