
Investment Phase:

Peer Advisor Semi-Annual Report

Tanzania

January 2026

Submitted by **Danish Meteorological
Institute**

Systematic Observations
Financing Facility

**Weather
and climate
data for
resilience**



General Information

Country	Tanzania	
Peer Advisor	DMI	
Implementing Entity	UNDP	
Agreement effectiveness date	20 May 2024	
Duration	42 Months	
Anticipated end date	31 December 2027	
Reporting period	From: 1 July 2025	To: 31 December 2025
Approved peer advisory fee	588,941 USD	
Disbursed peer advisory fee	194,350 USD (33%)	
Percentage of financial implementation	174,088 USD (30%)	
Peer advisors's focal point signature	<i>Adrian Lema</i>	
Country's focal point signature (to confirm timely and quality delivery)		

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

Peer support during 2nd half of 2025 focused on support to finalisation of key procurements as well as providing inputs to calibration and maintenance approaches.

2nd half of 2025 was impacted by the presidential election that took place in October. Uncertainty about the security situation following the election meant that a planned DMI mission to Tanzania was postponed until 2026. Peer support has therefore mainly been conducted virtually and through in person meetings at international events.

Key achievements and peer advisor activities: July – December 2025

Outcome 1: GBON Institutional and Human Capacity Developed

Nothing to report during reporting period. Emphasis has been on ensuring GBON infrastructure in place. Partners met in Morocco, during a SOFF implementation meeting, and had discussions on implementation and work plan. Institutional and human capacity needs will be addressed during 2026.

Outcome 2: GBON Infrastructure in Place

Status on procurements

AWS

New AWS's currently being produced by manufacturer. Project awaiting their arrival to Tanzania. Sites ready for installation of the AWS.

Upper Air

Construction of sites for new upper air buildings is ongoing and in accordance with plan. Tender for new Upper Station has been closed and the project is in contract negotiations with provider. Sites for government procured UA station is not ready yet. TMA working on ensuring site clearance.

Universal Data collection system

Tender process for universal data collection system has been closed. The project is in contract negotiations with provider. DMI is providing technical advice, including support to assessment of cost estimates.

Calibration and maintenance equipment

TMA is considering revising their approach to calibration and maintenance. DMI and TMA is in dialogue on the subject. draft technical specifications for calibration and maintenance equipment has been reviewed by DMI. Based on the final decision for calibration and maintenance approach, the technical specifications will be updated and procurement initiated.

Implementation progress

Services or activities listed in the peer advisor's ToR and assignment agreement must be included in the category "activities conducted/contribution" below. Sections that are not relevant or covered in the TOR can be left blank.

Output	Indicator (Please copy the indicators from RBM section of the funding request)	Activities conducted/contributions (Please list all activities that will be conducted by the peer advisor relevant to the output. Please add rows if more than one activity will be conducted)	Implementation plan ¹					Status	Challenges and risks
			Y1	Y2	Y3	Y4	Y5		
1. GBON institutional and human capacity developed									
1.1 National consultations, including with CSOs and other relevant stakeholders conducted	# workshops with stakeholders		1	1	1			Select an item	
	-# of women participating in SOFF consultations with CSOs and the private sector		50 %	50 %	50 %			Select an item	
								Select an item	
1.2 NMHS institutional capacity required to operate the GBON network developed	# of TMA Senior Management trained	DMI will support training of TMA management staff. Training will be planned by the partners based on further in-depth analysis of TMA needs and priorities.	0	10	0			Not yet started	
	# Team members trained in project Management	DMI will support training in project Management. Training will be planned by the partners based on further in-depth analysis of TMA needs and priorities.	5	0	0			Not yet started	
	% of women participating in the capacity-building activities (Target 50%)		50 %	50 %	50 %			Select an item	
1.3 NMHS human capacity required to operate the GBON network developed	# of TMA Engineers and ICT staff Trained	DMI will support training of TMA engineers and ICT staff. Training will be planned by the partners based on further in-depth analysis of TMA needs and priorities.	15	0	10			Not yet started	
								Select an item	
								Select an item	

¹ Indicate which year the activity is targeted to be conducted

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			Y1	Y2	Y3	Y4	Y5		
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	# of new stations installed as per the GBON National Contribution Plan	DMI has provided technical inputs to procurement of AWS DMI has provided strategic and operational advise, and technical inputs to procurement and operation of new universal data collection system	0	4	5			On-track	Price for procuring Universal Data Collection System higher than originally budgeted. Requires negotiation with manufacturer and assessment of options for flexibility within the budget.
2.2 Improved land-based stations and related equipment, ICT systems, data management systems and standard operating practices in place	# of stations improved as per the GBON National Contribution Plan	DMI has provided technical inputs to procurement of parts for upgrading of stations. DMI will support TMA to update standard operation practices. DMI will provide technical advice based on DMI experiences and SOP.	3	6	9			On-track	Stations have been improved but are not submitting observations in compliance with GBON standards. Achievement of 2.2 require improved TMA data collection and management system. Procurement of this is underway.
2.3 New upper air stations and related equipment, ICT systems, data management systems and standard operating practices in place	# of new stations installed as per the GBON National Contribution Plan	DMI has provided technical inputs to construction and procurement of new upper air stations. DMI will provide technical support to installation incl. site visits prior to installation of new upper air stations. DMI will provide technical support to operation of the Upper Air stations. DMI will support TMA to update standard operation practices. DMI will provide technical advice based on DMI experiences and SOP.	0	1	3			On-track	
2.4 Improved upper air stations and related equipment, ICT systems, data management systems and standard operating practices in place	# of stations improved as per the GBON National Contribution Plan	DMI will provide technical inputs to upgrade of upper air station in Dar Es Salaam	0	1	0			On-track	
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	# of stations commissioned as per the GBON National Contribution Plan	DMI will support TMA with developing a sustainable costing plan including life-span cost analysis. DMI will provide ongoing support to TMA based on TMA requests.	0	10	27			Not yet started	It remains unclear what the level of results based payment from the SOFF project will be. Secondly, how it will be paid out to the countries. It is essential for the success of the SOFF project in Tanzania that TMA is well-equipped to start the conversation with the relevant

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			Y1	Y2	Y3	Y4	Y5		
verified by WMO Technical Authority									ministries about the long term funding plan for obs. Infrastructure.
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	# of stations commissioned as per the GBON National Contribution Plan	DMI will support TMA with developing a sustainable costing plan including life-span cost analysis. DMI will provide ongoing support to TMA based on TMA requests.	0	1	5			Not yet started	Same as above