



Investment Phase: Progress update

Ethiopia

July 2026

Systematic Observations
Financing Facility

**Weather
and climate
data for
resilience**



General Information

Country	Ethiopia	
Implementing Entity	UNDP	
Agreement effectiveness date	06 June 2024	
Duration	36	
Anticipated end date	06 June 2027	
Reporting period	From: 01 January 2026	To: 30 June 2026
Approved amount	Total: USD 9,956,802.60 UNDP: USD 9,225,452.25 WMO: USD 731,350.35	
Disbursed amount	Total: USD 6,701,575.65 UNDP: USD 6,457,816.57 WMO: USD 243,759.07	

Summary

GBON institutional and human capacity strengthened. First, an EMI delegation led by the Director General visited the Turkish State Meteorological Service (TSMS) from 12–20 January 2026 to learn from its expertise in instrument calibration, Regional Training Centre (RTC) operations, and observation networks. EMI representatives also participated in the 46th Meeting of the Financial Advisory Committee (FINAC-46) and the 80th Session of the WMO Executive Council (EC-80) in Geneva from 18–26 June 2026, providing valuable opportunities for institutional learning, networking, and knowledge exchange. These engagements strengthened EMI's understanding of global best practices and enhanced its institutional capacity in support of SOFF implementation. A key outcome was the approval of the Ethiopian Meteorological Institute, in collaboration with Arba Minch University, as a WMO Regional Training Centre (RTC), marking a milestone in Ethiopia's leadership in meteorological education, training, and capacity development, while reinforcing EMI's growing role in advancing meteorological and hydrological services in the region. Second, two rounds of cascading WIGOS/GBON training were organized in April and May 2026, reaching 153 participants (25% Female) from EMI headquarters and Regional Meteorological Service Centres (RMSCs). Delivered with support from MET Norway, the training focused on the OSCAR tool, metadata recording, and sensor calibration through both theoretical and practical sessions. Joint facilitation by EMI and MET Norway strengthened GBON implementation capacity and enhanced operational readiness. Third, the Second Project Steering Committee (PSC) meeting of the ETH GBON SOFF Project was held on 8 June 2026 at the Skylight Hotel in Addis Ababa, bringing together core members and newly nominated representatives from strategic institutions. The meeting endorsed the minutes of the first PSC meeting, approved the 2025 Annual Performance Report, and reviewed progress under the 2026 Annual Work Plan. It strengthened coordination among partners, introduced new PSC members, and aligned implementation priorities for 2026. The meeting concluded with a visit to EMI headquarters, showcasing newly established facilities and reinforcing Ethiopia's leadership in advancing GBON compliance and climate resilience.

GBON infrastructure in place. First, with UNDP support, Automated Weather Stations (AWS) were procured for 13 new sites and 16 upgrade sites, complemented by factory-level training for five EMI staff at OTT Hydromet in Germany and the installation AWS equipment was delivered to EMI headquarters, and civil works were completed, including construction of 100 m × 100 m perimeter fences at ten new stations, 20 m × 20 m compounds for relocated airport sites, rehabilitation of fencing at 17 existing stations, and installation of internal fencing at all new sites. These activities significantly strengthened Ethiopia's observation network and infrastructure for GBON implementation. Second, construction of hydrogen generator and balloon housing facilities for the upper-air stations at Gambella, Bale Robe, and Jigjiga was completed, ensuring readiness for enhanced atmospheric observations. Together with the completed civil works and ongoing

equipment procurement, these investments further strengthened EMI's readiness to achieve GBON compliance.

GBON compliance sustained. First, progress was made toward sustaining GBON compliance through the successful handover of three vehicles to EMI, strengthening its capacity to undertake mobile calibration operations. In parallel, progress was made toward establishing a sustainable national calibration system, with procurement of calibration equipment underway. International benchmarking, including experience from the Turkish State Meteorological Service (TSMS) and the accredited laboratory of the China Meteorological Administration, informed the revision of technical specifications and created opportunities for South-South and triangular cooperation to strengthen Ethiopia's national calibration capacity. Second, procurement activities under the ETH GBON SOFF Project progressed across several components. The contract for the supply, installation, commissioning, and training of 29 Automatic Weather Stations (AWS) was awarded, with equipment delivered to EMI headquarters and installation preparations underway. The tender for calibration systems was advertised and closed by the end of June 2026, with bid evaluation and supplier selection underway. Procurement of the CLIDATA database management system progressed through a direct contract waiver process, with negotiations ongoing and pending regional clearance. Preparatory work also advanced for procurement of the new upper-air radiosonde sounding system and consumables through WMO's global Long-Term Agreement (LTA). Procurement of the upper-air system upgrade reached the stage of identifying key technology updates, after which direct procurement through the WMO LTA will commence. Collectively, these activities represent substantial progress in strengthening Ethiopia's meteorological infrastructure and supporting sustained GBON compliance.

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 inception workshops (1.1.7)	1	0	0	0	0	1					Achieved	Inception workshop successfully organized on November 6-7, 2024.		
	Number of stakeholder workshops (1.1.9)	1	0	0	0	0	1					Achieved	Workshops organized on May 27–30, 2025, convened SOFF partners (EMI, UNDP, MET Norway, ETH-SOFF PMU, and the EMI SOFF technical task team.		
	Number of sub national workshops (1.1.12)	1	1	1	0	0	1					On-track	Stakeholder Workshop successfully organized on February 8-14,2025 across nine RMSC.		
1.2 NMHS institutional capacity required to operate the GBON network developed	Number of project staff (1.2.9)	5	0	0	0	0	6					Achieved	2 Programme Specialist and 1 Programme Associate deployed by UNDP Ethiopia CO to provide technical, oversight and operational support. Project Management Unit members, comprising the Project Manager, Finance Officer, and M&E Officer employed marking a crucial step in establishing the project’s national execution structure and enabling day-to-day coordination and implementation.		

Output	Indicator	Target					Actual					Status	Milestones achieved	Challenges and risks
		Y1	Y2	Y3	Y4	Y5	Y1	Y2	Y3	Y4	Y5			
	Percentage of female participants in the workshops (please also indicate the actual number in brackets) (1.2.3)	0	25	0	0	0		25				Achieved	25% of female participants attended the inception workshop, stakeholder consultation workshops, and sub-national workshops	
1.3 NMHS human capacity required to operate the GBON network developed	Number of experience sharing (1.3.8)	1	1	0	0	0	3	1				Achieved	Four Experience sharing visits conducted at Germany, China, Turkey and Switzerland	
	Number of employed staff (1.3.2)	3	5	0	0	0	3					On-track	3 Project Management Unit members, comprising the Project Manager, Finance Officer, and M&E Officer employed marking a crucial step in establishing the project's national execution structure and enabling day-to-day coordination and implementation.	
	Number of trainees (1.3.9)	5	5	0	0	0	260	153				On-track	Through four capacity-building trainings, the project trained a total of 413 participants, of whom 36% were women. During this reporting period, the WIGOS/GBON training conducted in April-May 2026 engaged 153 participants, with women accounting for 25% of the participants.	
2. GBON infrastructure in place														

Output	Indicator	Target					Actual					Status	Milestones achieved	Challenges and risks
		Y1	Y2	Y3	Y4	Y5	Y1	Y2	Y3	Y4	Y5			
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 (2.1.1)	0	7	6	0	0						On-track	The procurement for the installation of 13 new land-based AWS has been delivered by Wagtech (UK), and installation activities are currently in progress.	
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 (2.2.1)	0	8	8	0	0						On-track	The procurement for the upgrade of 16 existing land-based stations is delivered by Wagtech (UK), and installation activities are currently in progress.	
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 (2.3.1)	0	2	1	0	0						On-track	The specifications is completed and submitted to UNDP procurement team for further processing	
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 (2.4.1)	0	1	1	0	0						On-track	The specifications is completed and submitted to UNDP procurement team for further processing	
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	# of stations commissioned as per the GBON National Contribution Plan (3.1.1)	0	17	12	0	0						On-track	The three field vehicles have been handed over to EMI. In parallel, progress has been made in establishing a sustainable national calibration capacity through technical collaboration with MET Norway.	

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	# of stations commissioned as per the GBON National Contribution Plan (3.2.1)	0	2	3	0	0						On-track		