



Investment Phase: Progress update

Mozambique

July 2025

Systematic Observations
Financing Facility

**Weather
and climate
data for
resilience**



General Information

Country	Mozambique	
Implementing Entity	WFP	
Agreement effectiveness date	28 March 2024	
Duration	60 months	
Anticipated end date	1 May 2029	
Reporting period	From: 01 January 2025	To: 30 June 2025
Approved amount	USD 7,892,560.22	
Disbursed amount	USD 5,235,943.30	

Summary

Between January and June 2025, the Instituto Nacional de Meteorologia (INAM), the South African Weather Service (SAWS), and the World Food Programme (WFP) continued the implementation of activities under the Systematic Observations Financing Facility (SOFF) initiative. This time frame comprehends the second half of Year 1 of the Implementation Phase.

Activities at the field level experienced temporary delays due to mobility restrictions caused by civil unrest in Mozambique following Presidential elections in October 2024, particularly affecting operations until January 2025. Field-level implementation resumed in February and March, allowing for the continuation of planned activities.

Despite these initial challenges, significant progress was made across several key areas. Comprehensive assessments of Automatic Weather Stations (AWS) were finalized, providing a clear understanding of existing infrastructure and gaps. Based on these assessments, detailed Terms of Reference (ToRs) were developed to guide the next phases of implementation. Based on the findings of these assessments, procurement processes for necessary equipment and services are currently underway.

As part of the infrastructure setup, the WisBox has been successfully installed. The next step will involve the installation and configuration of the central server to support data transmission and storage.

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	# consultation workshops with CSOs	5	6				1 national consultation, 4 provincial consultation and 16 community consultation					Achieved	Meetings with key province and district government representatives were held to present the SOFF project (4 in Southern, 7 in Central and 5 in Northern Mozambique). This will inform the formal community consultation and sensitization sessions planned for later in the year.		
	% women participants	50	50				At least 26% are women					Delayed		The % of women participants will continue to be collected during the consultation and sensitization sessions. Women participation and leadership are encouraged at all times.	
1.2 NMHS institutional capacity required to operate the GBON network developed	% capacity strengthening activities successfully implemented	30	30	20	10	10	30					On-track	No specific trainings were conducted in the reporting period. The next trainings are foreseen to be held once the installation of new equipment starts, (procurement process ongoing). Ongoing capacity strengthening, knowledge transfer and technical support is provided to the		

Output	Indicator	Target					Actual					Status	Milestones achieved	Challenges and risks
		Y1	Y2	Y3	Y4	Y5	Y1	Y2	Y3	Y4	Y5			
													beneficiary through weekly update meetings and specific technical specific meetings with the peer advisor.	
1.3 NMHS human capacity required to operate the GBON network developed	% training and capacity development for staff	50	80	10			50					On-track		
	% women participants	50	50	50			At least 5% are women					Delayed	The very limited number of women working at INAM is a serious challenge. However, women participation and leadership are encouraged at all times.	
	% female representation in decision-making and project management positions	50	50	50			0%					Delayed	The very limited number of women working at INAM is a serious challenge. However, women participation and leadership are encouraged at all times.	One academy-oriented awareness raising event is planned to enhance interest in the meteorology science career path, with specific sessions targeting female students.
	% women representation of staff for operating and maintaining GBON stations	50	50	50			At least 30% are women					Delayed	The very limited number of women working at INAM is a serious challenge. However, women participation and leadership are encouraged at all times.	One academy-oriented awareness raising event is planned to enhance interest in the meteorology science career path, with specific sessions targeting female students.
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	3	3				21 AWS assessments carried out					On-track	All assessments of existing AWS and new AWS sites have been concluded. A comprehensive report has been elaborated and detailed Terms of	

Output	Indicator	Target					Actual					Status	Milestones achieved	Challenges and risks
		Y1	Y2	Y3	Y4	Y5	Y1	Y2	Y3	Y4	Y5			
													Reference for the procurement process have been approved. The procurement process is currently ongoing.	
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	7	8				21 AWS assessments carried out					On-track	In June 2025, the WisBox was successfully installed at INAM. The next step is the installation of the server and the procurement of a public IP address.	
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 Note from SOFF Secretariat: Kindly indicate which year the new upper-air station will be installed.						Site and building assessments conducted for Maputo, Beira, Nampula and Tete.					On-track	The assessments of upper air stations and launch sites has been finalized, concluding that new constructions will be necessary. Detailed terms of reference for the building design, complying with all technical and safety standards, have been developed. Additionally, terms of reference for necessary equipment (including hydrogen tanks) have been elaborated. The procurement process is ongoing. Construction of the new upper-air stations is expected to start in 2026.	Given that new constructions are necessary for the upper air stations, land use permissions (DUAT) are required, which might cause operational delays.
2.4 Improved upper air stations and related equipment, ICT systems, data management systems and	# of stations improved as per the GBON National Contribution Plan						Site and building assessments conducted					Achieved	After assessing the existing buildings to be improved, the conclusion was reached	Some operational delays in the process to establish a new public IP address.

Output	Indicator	Target					Actual					Status	Milestones achieved	Challenges and risks
		Y1	Y2	Y3	Y4	Y5	Y1	Y2	Y3	Y4	Y5			
standard operating practices in place	Note from SOFF Secretariat: Kindly provide an annual breakdown of the 4 stations indicated in the UN MPTF Office Gateway.						for Maputo, Beira, Nampula and Tete.						that these were too rundown and building new stations would be safer and cheaper.	
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 Note from SOFF Secretariat: Kindly provide an annual breakdown of the 21 stations indicated in the UN MPTF Office Gateway.											Not yet started		
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 Note from SOFF Secretariat: Kindly provide an annual breakdown of the 5 stations indicated in the UN MPTF Office Gateway.											Not yet started		