



Investment Phase:

Peer Advisor Semi-Annual Report

Madagascar

January 2026



Submitted by **Deutscher Wetterdienst
(DWD)**

Systematic Observations
Financing Facility

**Weather
and climate
data for
resilience**



General Information

Country	Madagascar	
Peer Advisor	Deutscher Wetterdienst (DWD)	
Implementing Entity	UNDP	
Agreement effectiveness date	7 February 2025	
Duration	36	
Anticipated end date	31 March 2028	
Reporting period	From: 1 August 2025	To: 31 January 2026
Approved peer advisory fee	USD 382 544.74	
Disbursed peer advisory fee	EUR 105 341.47 (USD 123.102,36 as of 14.07.2025)	
Percentage of financial implementation	7.78%	
Peer advisors's focal point signature		
Country's focal point signature (to confirm timely and quality delivery)		

Summary

The year 2025 represented a critical milestone for the SOFF project, marked by the start of the investment phase and the official launch of activities at the national level as well as across the four regions—Antalaha, Mahajanga, Toliara, and Farafangana—and the specific area of Diego Suarez (Antsiranana) ensuring the engagement and ownership by all key stakeholders.

Strong coordination mechanisms were maintained throughout the year. A slight delay in the establishment of the UNDP programme unit led to minor delays in some processes; however, the position has since been filled, and coordination among all participating entities is fully effective. Regular technical and programmatic meetings between the Peer Advisor (DWD), UNDP as the Implementing Partner, and the DGM were convened, ensuring close monitoring of progress and strong technical alignment, particularly in defining AWS technical specifications tailored to the local context and compliant with GBON requirements.

Key investments to strengthen system continuity and operability were initiated to ensure the linkages with the WIS 2.0, a solar power system installation was initiated at the DGM headquarters in Ampasampito (Antananarivo) to ensure electricity supply reliability and business continuity at DGM. Also, procurement process for a dedicated server is ongoing, which is expected to be completed in early 2026.

Works to establish the 4 Regional Maintenance Centers (RMC) are ongoing now, with initial effort focusing on rehabilitation of existing buildings. Equipment procurement and related trainings will follow, enabling the centres to become fully operational and ensure the sustainability of meteorological infrastructure at regional level.

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	# kick-of workshops and stakeholder engagement	Support NHMS in organizing and conducting inception workshops at national and sub-national level to bring relevant stakeholder together and launch the Investment Phase activities.	5					Achieved	Investment Phase Launch with stakeholder event was done in April 2025; Regional meetings with local authorities and partners were held in order to enable Awareness-raising and mobilization of local stakeholders to ensure their participation and involvement in the project's implementation.
1.2 NMHS institutional capacity required to operate the GBON network developed	# linkage to WIS 2.0 is set up and back-up system is in place	Continuous on-demand support on technical and organisational matters ensuring a sustainable setup and operation of a GBON compliant data production. Oversee the delivery of this output by TAHMO, & CREWS keeping in regular contact (e.g. monthly meetings)	x	x	x			On-track	In Conversation with EUMETSAT about connecting through DCP transmitter; Linkage to WIS2.0 will be available early 2026. Otherwise, the server procurement is currently underway to ensure the linkage to WIS 2.0
1.3 NMHS human capacity required to operate the GBON network developed	# of trainings for DGM staff and associated government institutions	Provide support in organising and implementation of a training plan for DGM staff and associated government institutions		2				On-track	
	# trainings on surface based station installation and maintenance	Provide support in organising and implementation of a training plan for staff in charge of surface-based station installation		5				On-track	
	# trainings on surface based Station operationalization	Provide support in organising and implementation of a training plan for staff in charge of surface-based station operationalization (including topics of GBON		1				On-track	

¹ Indicate which year the activity is targeted to be conducted

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			Y1	Y2	Y3	Y4	Y5		
		relevant activities/products such as WDQMS, WIGOS, OSCAR/Surface)							
	# trainings on surface based station field verification	Provide support in organising and implementation of a training plan for staff in charge of field verification			5			Not yet started	
	# trainings on surface based station calibration	Provide support in organising and implementation of a training plan for staff in charge of station calibration			1			Not yet started	
	# trainings on UA installation, maintenance, operation, radiosonde operation	Provide support in organising and implementation of a training plan for staff in charge of UA installation, maintenance, operation, radiosonde operation		1				Not yet started	Will be done by the provider of the UA station. Might be delayed by one year, depending on the installation time of the UA, see below (2.3).
	# of factory trainings (e.g. France) for UA	Provide support in organising factory trainings for UA engineers		2				Not yet started	If needed - will done by the provider after the station has been installed.
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	<p>General technical advisory to support DGM and the IE in the implementation of the National Contribution Plan and agreed activities for the Investment Phase:</p> <ul style="list-style-type: none"> • development of tender documents • bid assessment and/or evaluation, • ensuring the correct commissioning and initial operation of equipment, • supporting dispute resolution with suppliers on technical matters) <p>Support exploration of synergies with ongoing complementary activities and facilitate stakeholder engagement in coordination with the DGM the IE</p>		2				On-track	Currently in tendering/procurement process

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			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	# of stations improved as per the GBON National Contribution Plan	General technical advisory to support DGM and the IE in the implementation of the National Contribution Plan and agreed activities for the Investment Phase: <ul style="list-style-type: none"> • development of tender documents • bid assessment and/or evaluation, • ensuring the correct commissioning and initial operation of equipment, • supporting dispute resolution with suppliers on technical matters) Support exploration of synergies with ongoing complementary activities and facilitate stakeholder engagement in coordination with the DGM the IE		9				On-track	Currently in tendering/procurement process
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	Specify activities relevant to the output			1			Select an item	
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	Specify activities relevant to the output						Select an item	
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	Continuous on-demand support on technical and organisational matters ensuring a sustainable setup and operation of a GBON compliant data production				11		Not yet started	

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			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	Continuous on-demand support on technical and organisational matters ensuring a sustainable setup and operation of a GBON compliant data production				1		Not yet started	