



Investment Phase:

Peer Advisor Semi-Annual Report

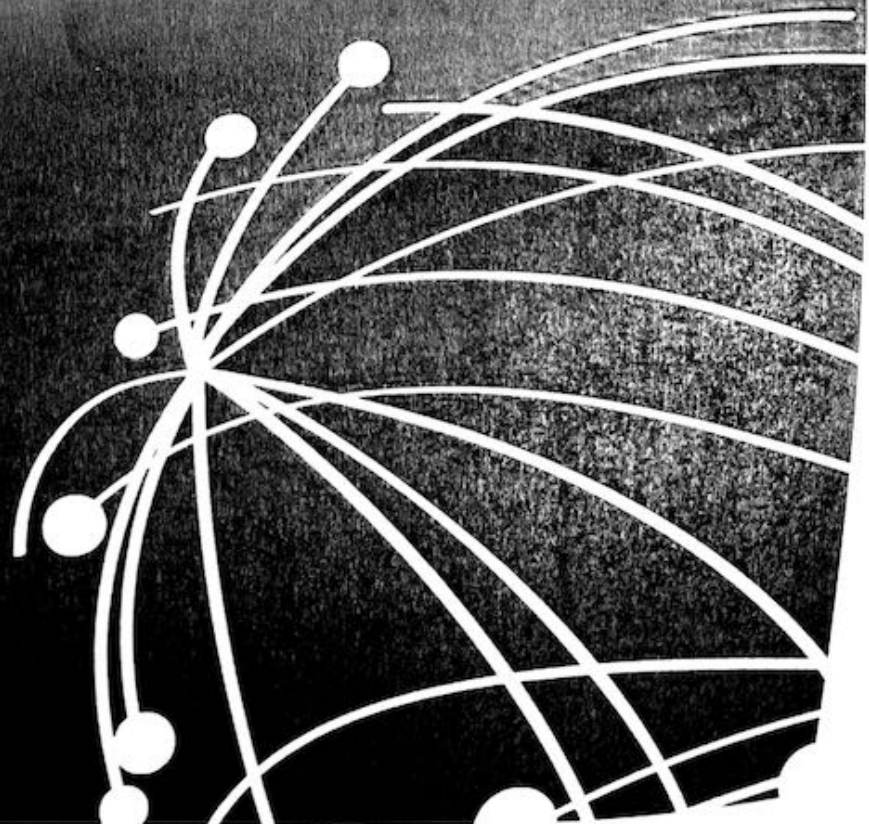
Chad

July 2025



Submitted by GeoSphere Austria

Systematic Observations
Financing Facility

**Weather
and climate
data for
resilience**



General Information

Country	Chad	
Peer Advisor	GeoSphere Austria	
Implementing Entity	World Food Programme (WFP)	
Agreement effectiveness date	9 December 2024	
Duration	60 months	
Anticipated end date	30 June 2029	
Reporting period	From: 1 January 2025	To: 31 July 2025
Approved peer advisory fee	USD 500 000	
Disbursed peer advisory fee	USD 166 650	
Percentage of financial implementation	30%	
Peer advisors's focal point signature		
Country's focal point signature (to confirm timely and quality delivery)		

Summary

The SOFF Investment Phase officially launched in January 2025 (27.-31.01.) with a high-level ceremony, followed by a five-day technical workshop. Key stakeholders gathered to finalize the implementation plan, clarify institutional responsibilities, establish governance mechanisms, and agree on long-term sustainability and performance indicators. Stakeholder engagement was active and enthusiastic. GeoSphere Austria participated with four experts (three men and one woman). The event received broad national media coverage, boosting public visibility and stakeholder involvement. Women made up approximately 28% of the participants.

For Chad, 33 surface stations and 6 upper air sites are necessary to meet the minimum requirement for GBON. 19 existing operational stations were selected for GBON, 8 other were also selected but will require rehabilitation and 6 new stations will need to be acquired for a total of 33 surface stations. For Upper air stations, three (3) existing sites of ASECNA were selected and there is a requirement to acquire 3 new sites in the northern part of Chad.

Despite early launch of the project this year, WFP experienced some delays in securing the position of the project Manager which hopefully will be resolved by end of August.

One of the main contributions as a peer advisor has been mediating between the WMO and ASECNA. The goal is to establish uniform standards and regulations for data transmission and station operations across all countries where ASECNA manages weather stations. The WMO has been asked to explore the preparation of a Memorandum of Understanding (MoU). Achieving a unified agreement at the ASECNA level would be a major milestone for all involved. At this stage, discussions have only just begun, and no formal results have been reached yet.

GeoSphere Austria consulted with ANAM and WFP on the development of a digital station checklist for ANAM, using the open-source tool KoBoToolBox. This tool will simplify station inspections and long-term maintenance. The prototype has been developed and training of personnel on its use will take place before testing in the field at the next inspection mission. It will be refined before being integrated into the routine maintenance workflow. Benefits of the tool include georeferenced data, improved monitoring capabilities for ANAM headquarters, and accurate tracking of field missions, offering proof that technicians have visited the sites. A draft version of the questionnaire can be shared with SOFF upon request.

Regarding GBON stations, we continue to monitor their status jointly with WFP and ANAM. 19 stations have been added to the WIGOS system, ANAM has successfully deployed a WIS 2.0 Box, and their data are currently being transmitted internationally. As for station rehabilitation needs, we await the results of an upcoming assessment mission being planned by WFP and ANAM. Further discussions with ANAM will help determine new locations for rehabilitation efforts.

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	# of Workshops with Stakeholders	Kick-Off Workshop of the Investment Phase: participation of 4 experts from GeoSphere Austria (N'Djamena January 2025)	3	0	0	0	0	0	On-track	
		Several meetings with WMO regarding a potential MoU with ASECNA (to align station standards and data sharing in all ASECNA countries)								
	# of Project steering Committee meetings		2	3	3	4	4	4	Not yet started	
	% of female participating in workshops		5%	10%	10	15	20	20	On-Track	
	& of female participating in the steering committee		5%	10%	10	15	20	20	Not yet started	
1.2 NMHS institutional capacity required to operate the GBON network developed	% of women participating in SOFF consultations with CSO and private sector		5%	10%	10	15	20	20	Not yet started	
	# Number of ANAM senior management trained		0	3	3	0	0	0	Not yet started	
	% of female participants in senior management training		0	33%	33	0	0	0	Not yet started	
	Number of team members trained in project management		0	0	0	0	0	0	Not yet started	
1.3 NMHS human capacity required to operate the GBON network developed	# training and capacity development for the 6 maintenance technicians, data	In order to train the technicians, data manager and IT experts, the equipment for new stations and spare parts	0	2	2	2	2	2	On-track	

¹ Indicate which year the activity is targeted to be conducted

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			Y1	Y2	Y3	Y4	Y5		
	manager, IT expert.	need to be available. Procurement will soon start (based on the results of the field mission).							
	% of women participating in the capacity building activities		5%	10%	10	15	20	Not yet started	
	% of female participants in training		0	33%	33	33	33	Not yet started	
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	Discussion on the new locations for the new GBON stations – consultations with ANAM & WFP. No new station has been procured/installed yet.	0	2	4	0	0	On-track	
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	Preparation of a field mission to gather the current status of the stations which need improvements/rehabilitations. Assistance in planning the first field mission (planned for July/August) to detect and observe the first stations to be improved. For this purpose GeoSphere Austria developed an online questionnaire for the station check. It will be in a pilot-testing phase in the firsts field mission (questionnaire was developed on KoBoTool Box – an open source software). This tool can be used in future to feed the Quality Management System. Based on the data, which will be collected via KoBo Tool box, GeoSphere Austria will be able to better assist in understanding what is needed for which station and help to establish a maintenance plan and assist ANAM/PAM for procurement needs.	19	11	3	x	x	On-track	Preparing the ToR for the project and the mission took longer as expected. Field mission was originally planned for May – but since the rainy season has started the mission was postponed to August.
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	Planned only for the latter part of the project	0	0	1	2	0	Not yet started	
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	Planned only for the latter part of the project	33	33%	33	33	N/A	Not yet started	

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 ^a					Status	Challenges and risks	
			Y1	Y2	Y3	Y4	Y5			
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	On demand technical advice is offered to ANAM if needed. A regular and recurrent online call on technical questions is planned to start in the second semester of 2025.	19	30	33	33	33	On-track		
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	Specify activities relevant to the output	0	0	1	2	3	Not yet started		