



Investment Phase:

Peer Advisor Semi-Annual Report

Chad

January 2026

Submitted by



GeoSphere Austria

Systematic Observations
Financing Facility

**Weather
and climate
data for
resilience**



General Information

Country	Chad	
Peer Advisor	GeoSphere Austria	
Implementing Entity	WFP	
Agreement effectiveness date	9 December 2024	
Duration	60 months	
Anticipated end date	1 November 2029	
Reporting period	From: 1 July 2025	To: 31 December 2025
Approved peer advisory fee	USD 500 000	
Disbursed peer advisory fee	USD 166 650	
Percentage of financial implementation	35%	
Peer advisor's focal point signature		
Country's focal point signature (to confirm timely and quality delivery)		

Summary

Progress has been made in advancing the implementation of the Systematic Observations Financing Facility (SOFF) activities in Chad, with a focus on mission preparation, initial capacity strengthening, and planning adjustments to address implementation delays.

A station mission was prepared and conducted in **August 2025 (by ANAM and WFP)**, during which field-level coordination was strengthened and **KoBoToolbox** (developed by GeoSphere Austria) was tested to support digital data collection for station monitoring. To complement this, an **online training session on KoBoToolbox** was delivered by GeoSphere Austria, enhancing the technical capacity of national counterparts to use digital tools for data collection and reporting. The current feedback and discussions about usage have led ANAM to presumably prefer a different type of data collection. We will incorporate the results of the pilot testing into the further development of another tool or develop a different approach for ongoing data collection.

Discussions were initiated on **station rehabilitation**, covering the identification of priority stations, assessment of rehabilitation needs, and preliminary listing of required spare parts based on the outputs of the field mission.

Efforts were also undertaken to improve regular communication between all three partners. Regular online meetings took place to discuss project activities.

In parallel, discussions were initiated for the establishment of a **Memorandum of Understanding (MoU) between ASECNA and WMO** aiming at facilitating **shared and more cost-effective procurement of consumables**, particularly for **upper-air stations**. WMO is following up internally. There is also the idea for a mission composed of ANAM and Geosphere, to the HQ of ASCENA in Dakar, to try to move this forward here.

In early October, two GeoSphere representatives participated in the **SOFF workshops in Casablanca**. One representative took part in the SOFF Regional Africa workshop, while the other took part in the SOFF Investment Phase Peer Advisory and Implementing Entities Meeting. The meeting provided a valuable opportunity to exchange ideas with other IE representatives, peer advisors, and beneficiary countries.

To address delays encountered during implementation in Chad, preparation was underway for a **follow-up mission planned for January 2026**, during which the activity plan will be reviewed and adjusted as needed. This meeting in January will also be important to support the onboarding process of the new Program Manager hired by WFP specifically for SOFF activities in Chad.

In addition, preparatory work has started for the establishment of a **Long-Term Agreement (LTA) by WFP with UNDP to facilitate procurement of equipment**. **GeoSphere Austria did an evaluation of the technical specifications during this procedure.**

Mitigation measures for the delayed implementation

To effectively mitigate ongoing and potential delays in the implementation of SOFF activities in Chad, a structured and proactive approach will be followed. Key measures include accelerating decision-making processes by organizing face-to-face workshops and regular coordination meetings to ensure timely resolution of pending issues. A crucial asset will be the new Project Manager of the WFP to facilitate and speed up coordination and activities.

Furthermore, critical stations identified during the missions will be prioritized for rehabilitation and operationalization, ensuring that available resources are first allocated to activities that have the highest impact on data availability and system functionality as far as GBON targets are concerned.

To minimize risks associated with external dependencies, such as delays from WMO or ASECNA, alternative implementation scenarios will be developed — including direct the idea about having first a bilateral agreement with ASECNA — to maintain project momentum. For internal risks, such as limited capacity within ANAM or coordination challenges, targeted capacity-building measures (e.g., focused technical training on maintenance and mentorship) will have high priority in the upcoming project year.

Additionally, continuous communication and progress tracking mechanisms among all implementing partners (ANAM, WFP, GeoSphere, and WMO) will be reinforced to prevent misalignments and ensure early detection of new bottlenecks. The upcoming January 2026 follow-up mission will include a detailed update of the activity plan and prioritization will be key, incorporating lessons learned from the pilot phase and aligning all partners on next steps.

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.

Note: Several indicators are planned for later years of the project and are therefore marked as 'Not yet started' at this stage.

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	Follow up for meetings with WMO regarding a potential MoU with ASECNA (to align station standards and data sharing in all ASECNA countries)	3	0	0	0	0	Delayed	WMO not yet fully committed to this idea. Due to internal reorganisation of WMO, the process has slowed down. External risk: we might consider having a bilateral approach in parallel. Delayed also du to the long recruitment process of the SOFF project manager of WFP.
	# of Project steering Committee meetings		2	3	3	4	4	Delayed	ToR with SC took very long. First is planned for early 2026.
	% of female participating in workshops		5%	10%	10%	15%	20%	On-Track	
	# of female participating in the steering committee		5%	10%	10%	15%	20%	Delayed	
	% of women participating in SOFF consultations with CSO and private sector		5%	10%	10%	15%	20%	On track	
1.2 NMHS institutional capacity required to operate the GBON network developed	# Number of ANAM senior management trained	Planned only for the latter part of the project	0	3	3	0	0	Not yet started	
	% of female participants in senior management training	Planned only for the latter part of the project	0	33%	33%	0	0	Not yet started	

¹ Indicate which year the activity is targeted to be conducted

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			Y1	Y2	Y3	Y4	Y5		
	Number of team members trained in project management	Planned only for the latter part of the project	0	2	2	2	2	Not yet started	
	# training and capacity development for the 6 maintenance technicians, data manager, IT expert.	In order to train the technicians, data manager and IT experts, the equipment for new stations and spare parts need to be available. Procurement will start early 2026 (based on the results of the field mission).	0	2	2	2	2	Not yet started	
	% 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 or the sites identified. The list of stations has again been discussed and there might be a change in station locations (new) and rehabilitated one (this will be decided during an in -person workshop in January 2026 in N'Djamena with ANAM, WFP and GeoSphere Austria and shared with SOFF respectively. A field mission to identify to new sites (6) is scheduled for March 2026.	0	2	4	0	0	Not yet started	
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	Field mission to clarify the need of spare parts for those stations to be rehabilitated as situation changed since NGA/NCP were prepared. GeoSphere Austria assisted in preparatory work for the mission in several online meetings. GeoSphere Austria developed an online questionnaire for the station check. It was in a pilot-testing phase in this first field mission (questionnaire was developed on KoBoTool Box – an open source software).	19	11	3	x	x	Delayed	

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			Y1	Y2	Y3	Y4	Y5		
		<p>GeoSphere Austria did an online training on the Pilot KoBoTool Box for station visits. KoBoTool Box</p> <p>GeoSphere Austria is gathering feedback by ANAM about the usage of the tool and will integrate an updated version/other tool into the future SOP processes/maintenance plan for ANAM.</p> <p>Based on the data, which was collected via KoBo Tool box, GeoSphere Austria was able to better assist in understanding what is needed for which station and help to establish a maintenance plan and assist ANAM/WFP for procurement needs.</p> <p>Finale decision on concrete needs for the rehabilitation will be made during the in-person workshop in January 2026 with all partners (ANAM, WFP, GeoSphere Austria).</p>							
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	
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 started in September 2025.	19	30	33	33	33	Not yet started	
3.2 GBON upper air stations' commissioning period completed , country-specific standard cost for operations and	# of stations commissioned as per the GBON National Contribution Plan	Planned only for the latter part of the project. Mission on site identification of the 3 new upper-air sites is planned for march 2026.	0	0	1	2	3	Not yet started	

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			Y1	Y2	Y3	Y4	Y5		
maintenance established, and data sharing verified by WMO Technical Authority									