



Investment Phase: Progress update

Chad

July 2026

Systematic Observations
Financing Facility

**Weather
and climate
data for
resilience**



General Information

Country	Chad	
Implementing Entity	WFP	
Agreement effectiveness date	19 November 2024	
Duration	60	
Anticipated end date	19 November 2029	
Reporting period	From: 01 January 2026	To: 30 June 2026
Approved amount	Total: USD 6,980,084 WFP: USD 6,445,084 WMO: USD 535,000	
Disbursed amount	Total: USD 4,689,874.3 WFP: USD 4,511,558.8 WMO: USD 178,315.5	

Summary

During the first half of 2026, significant progress was made in the implementation of the SOFF-funded project aimed at strengthening the meteorological observation network in Chad. The main activities carried out during this period are presented below:

1. Finalization and Validation of the Annual Work Plan (AWP)

In January, a five-day workshop was held in N'Djamena with the participation of the National Meteorological Agency (ANAM), the World Food Programme (WFP), and GeoSphere, the project's technical partner and peer advisor. The workshop provided an opportunity for joint reflection on the achievements and challenges encountered, as well as lessons learned during the first year of project implementation, with the aims of:

- a. Identifying and prioritizing the activities to be implemented during the year and finalizing and validating the 2026 Annual Work Plan (AWP);
- b. Clarifying and, where necessary, adjusting GeoSphere's role and responsibilities as a peer advisor in providing technical support to ANAM during the implementation period covered by the plan.

During the discussions, ANAM emphasized the need to prioritize the procurement of vehicles to facilitate field missions planned under the project. To ensure regular monitoring of project implementation, a coordination mechanism was established, including monthly meetings between ANAM, WFP, and GeoSphere, as well as weekly meetings between WFP and GeoSphere for operational follow-up of project activities.

2. Launch of the Vehicle Procurement Process

In response to ANAM's request to prioritize vehicle acquisition, the procurement process for two Toyota vehicles was initiated through WFP's procurement service. In accordance with WFP procurement procedures, the purchase had to be conducted locally. As CEFAO was the only supplier already holding a Long-Term Agreement (LTA), there was no requirement to launch a competitive tender process. The vehicle specifications were reviewed and confirmed with ANAM, taking into account the inaccessibility of certain areas of the country and the demanding operational conditions in the field.

3. Capacity-Building Mission Conducted by the WFP SOFF Focal Point from Headquarters

The project team benefited from a technical support mission led by Mr. Abdel-Lathif, the SOFF focal point at WFP Headquarters. The mission contributed to:

- a. Facilitating capacity transfer to the newly recruited Project Manager;
- b. Providing technical and strategic guidance aimed at accelerating the implementation of activities that had experienced slight delays since the project's official launch;
- c. Supporting the development of technical specifications for spare parts required for the rehabilitation of existing meteorological stations, as well as the specifications for six new Automatic Weather Stations (AWS).

The development of the technical specifications was carried out in close collaboration with ANAM for validation purposes and with GeoSphere for technical review, taking into account the realities observed in the field during the site identification mission.

4. Signature of the Technical Assistance Agreement

The process initiated in 2025 for the establishment of a Technical Assistance Agreement between WFP and ANAM culminated in the official signing of the agreement in April 2026.

The agreement is valid until 31 December 2028, with the possibility of renewal. It provides an essential framework for:

- a. The direct implementation of selected project activities by ANAM;
- b. The transfer of the financial resources required for their execution;
- c. Strengthening national ownership of the project.

The signing of this agreement formalized the project's position within the portfolio of activities jointly implemented by WFP and ANAM, thereby promoting greater coherence and coordination of interventions.

5. Mission to Identify Six (06) New Surface Meteorological Station Sites

A first joint mission involving ANAM and GeoSphere was conducted to identify sites for the installation of six new surface meteorological stations. Following this mission, four sites were identified: Faya-Largeau, Bardai, Zouar, and Yebbibou.

Given the logistical constraints and limited flight availability to some remote locations, it was considered more efficient to conduct the site identification process in two phases. As a result, the identification of the remaining two sites will be completed during a subsequent mission to be scheduled at a later date.

Regarding Yebbibou, although this station was not among the sites initially selected under the SOFF National Contribution Plan (NCP), it was subsequently proposed as a replacement for the Biltine station, based on operational and technical considerations identified during the field assessments. This adjustment was communicated to SOFF through the peer advisers and aimed to optimize network coverage while ensuring the feasibility of the station's installation and maintenance.

In addition, consultations were held with local administrative authorities to present the project, secure their endorsement of the selected sites, and promote local ownership. These discussions also helped facilitate the future installation and protection of the equipment by fostering community engagement and support for the project.

6. Meteorological Station Maintenance and Inspection Mission

As part of ANAM's core operational mandate, a maintenance and inspection campaign of meteorological stations was conducted with the participation of WFP. As is customary prior to the deployment of field teams, GeoSphere delivered training on the use of the KoboCollect data collection tool, enabling ANAM staff to digitally collect and manage information from the various meteorological stations.

As a result of this mission, 16 stations supported through SOFF funding are now transmitting data on a regular basis. Although the target of full data transmission from all 27 stations has not yet been achieved, the forthcoming acquisition of spare parts is expected to significantly improve the performance and reliability of the national meteorological observation network.

7. Capacity Strengthening: Training of IT Technicians and Maintenance Personnel

The process of strengthening the capacities of IT technicians and maintenance staff was initiated during the reporting period. To this end, the terms of reference for the training programme were jointly developed by GeoSphere and ANAM, under the supervision and validation of WFP.

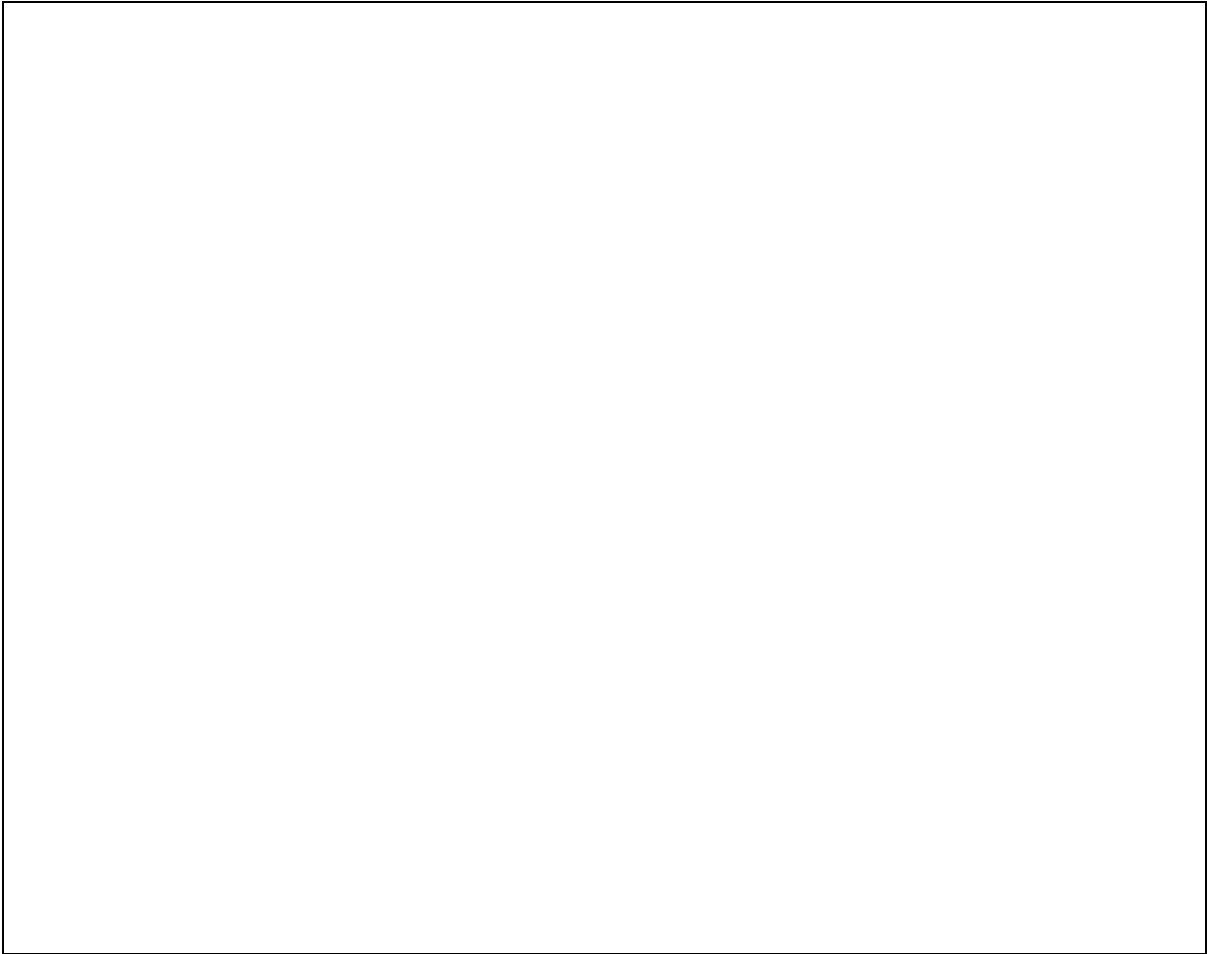
Based on the finalized terms of reference, an assessment of potential service providers is currently underway to identify the provider whose expertise and services best meet the identified training needs. The training is provisionally scheduled to take place in September 2026 and is expected to enhance the

technical capacities required to support the operation, maintenance, and sustainability of the meteorological observation network.

8. Launch of the Procurement Process for Spare Parts and Six (06) New Surface Weather Stations

Following the finalisation of the technical specifications for both the spare parts required to rehabilitate existing stations and the six new Automatic Weather Stations (AWS), the procurement process for this equipment was initiated.

After completion of the required internal review processes, the launch of the tendering process is scheduled for August 2026 through WFP's Procurement Unit. The acquisition of this equipment will represent a major milestone toward strengthening Chad's national meteorological observation network by improving station functionality, expanding geographic coverage, and enhancing the availability of high-quality meteorological data.



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 Workshops with Stakeholders (1.1.9)	3	0	0	0	0	1	1				Delayed	In addition to the consultation workshop conducted during the project launch workshop, community consultations were carried out during the missions to identify four sites for the installation of the new stations, with the governors of the respective areas. These consultations were also conducted with local administrative leaders to explain the objectives of the project and its expected results.		
	Percentage of female participation in workshops <i>(please also indicate the actual number in brackets)</i>	5	10	10	15	15	28 %	5%	%			On-track	Approximately 25 people (community leaders, governors, etc.) were consulted, including 5 women, who represented 20% of the participants.		
	Number of Project steering Committee meetings (1.1.4)	2	3	3	4	4	0	0	0			Delayed	Monthly meetings are organized and bring together the three project partners. A Technical Committee meeting will be organised in August, and a Steering Committee meeting is planned for the end of the year.	The Steering Committee was postponed at the request of the Government so that it can be held at the end of the year, when the 2026 results and achievements will be more fully consolidated. This will enable the Committee to review progress more comprehensively and provide	

Output	Indicator	Target					Actual					Status	Milestones achieved	Challenges and risks
		Y1	Y2	Y3	Y4	Y5	Y1	Y2	Y3	Y4	Y5			
														relevant strategic guidance for 2027.
	Percentage of female participation in the steering committee <i>(please also indicate the actual number in brackets)</i>	5	10	10	15	15	0	0	0			Delayed		
	Percentage of women participating in SOFF consultations with CSO and private sector <i>(please also indicate the actual number in brackets)</i> (1.1.6)	5	10	10	15	20	0	0	0			Delayed		
1.2 NMHS institutional capacity required to operate the GBON network developed	Number of ANAM senior management trained (1.2.4)	0	3	3	0	0	0	0	0			Delayed	A project management training for ANAM staff is scheduled for next year.	This delay is due to the Government's decision to prioritize the implementation of certain activities that had been delayed and to reschedule this activity for 2027.
	Percentage of female participants in senior management training <i>(please also indicate the actual number in brackets)</i>	0	33	33	0	0	0	0	0			Delayed		
	Number of team member trained in project management (1.2.6)	0	2	2	2	2	0	0	0			Delayed		
1.3 NMHS human capacity required to operate the GBON network developed	Number of training and capacity development for the 6 maintenance technicians, data manager, IT expert (1.3.3)	0	2	2	2	2	0					On-track	The procedures for training one IT technician and two maintenance technicians are currently under discussion with potential service providers.	The delay in conducting the IT training is due to the fact that discussions and negotiations with the hosting venue are still ongoing. Finalizing these arrangements is necessary to ensure that the training is delivered under appropriate logistical and operational conditions.
	Percentage of female participants in training <i>(please also indicate the actual number in brackets)</i>	0	33	33	33	33	0	%	%			On-track		

Output	Indicator	Target					Actual					Status	Milestones achieved	Challenges and risks
		Y1	Y2	Y3	Y4	Y5	Y1	Y2	Y3	Y4	Y5			
	Percentage of women participating in the capacity-building activities <i>(please also indicate the actual number in brackets)</i> (1.3.5)	5	10	10	15	20	0	30 %	%			On-track		
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 (2.1.1)	0	2	4	0	0	0	0	0			Delayed	The procurement processes for the new weather stations has been initiated by the Procurement Unit.	A key implementation challenge during the reporting period was the additional time required to develop and validate the technical specifications for the new weather stations, vehicles, and spare parts. This process involved close coordination among ANAM, WFP, and the peer advisor to ensure that the equipment specifications adequately reflected operational requirements and field conditions. While this affected the timeline for launching procurement activities, the process was essential to ensure the quality, suitability, and sustainability of the equipment to be acquired. It also enabled the procurement processes for the new stations and spare parts to be launched in a coordinated and streamlined manner, improving overall efficiency and consistency in project implementation. These procurement processes have now been initiated, reducing the risk of

Output	Indicator	Target					Actual					Status	Milestones achieved	Challenges and risks
		Y1	Y2	Y3	Y4	Y5	Y1	Y2	Y3	Y4	Y5			
														further delays in implementation.
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)	19	11	3	0	0	0	0	0			Delayed	The procurement process for the spare parts has been initiated through WFP's Procurement Unit.	
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	0	1	2	0	0	0	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	0	0	0	0	0	0	0	0			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 (3.1.1)	19	30	33	33	33	0	16				Delayed	The maintenance mission carried out in June enabled the reactivation of several stations that had previously been non-operational. Of the 27 stations scheduled for rehabilitation under SOFF, 16 are now operational and transmitting data. The procurement process for the required spare parts is underway through WFP's Procurement Unit and is expected to facilitate the full rehabilitation of the remaining target stations.	

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	0	1	2	3	0	0	0			Not yet started		