



Investment Phase: Annual Narrative Report

Chad

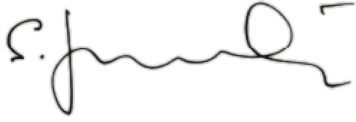
Year 1

Systematic Observations
Financing Facility

**Weather
and climate
data for
resilience**



General Information

Country	Chad	
Implementing Entity	World Food Programme (WFP)	
Agreement effectiveness date	12 November 2024	
Duration	60 months	
Anticipated end date	01 November 2029	
Reporting period	From: 12 November 2024	To: 31 January 2025
Approved amount	Total: USD 6,980,084.00 Implementing Entity: USD 6,445, 084.00 GeoSphere: USD 535,000	
Disbursed amount	Total: 4,689, 874.30 Implementing Entity: USD 4,511,558.80 GeoSphere: 178, 315.50	
Signature of Implementing Entity	 Sarah GORDON-GIBSON WFP Country Director and Representative	

Summary

Highlights

Between 1 November 2024 and 31 January 2025, the SOFF (Systematic Observations Financing Facility) Investment Phase in Chad achieved several foundational milestones:

- The project was officially launched in January 2025 through a high-level event, followed by a five-day technical workshop that gathered key stakeholders to finalize the implementation roadmap, define institutional roles, establish governance mechanisms, and agree on long-term sustainability and performance indicators.
- The launch received broad national media coverage, enhancing public visibility and stakeholder engagement.
- Funds were successfully disbursed to Chad Country Office, and collaboration with the Agence Nationale de la Météorologie (ANAM) was initiated to plan the procurement of meteorological equipment.
- WFP Headquarters worked closely with UNDP to develop technical specifications, fast-tracking the procurement process. The Long-Term Agreement process is near completion, with final technical specifications expected by early April.
- A stakeholder workshop was held with 28 percent female participation, far exceeding the Year 1 target of 5 percent, marking a strong early achievement in gender inclusion.
- Advancements in complementary initiatives, enabled a re-prioritisation of resources: ANAM, with WMO Africa Regional Office support, deployed a WIS 2.0 Box and integrated approximately 19 stations into the WIGOS system, enhancing real-time data sharing. A review of the national network showed that 11 previously targeted stations had already been rehabilitated under other initiatives (e.g., PNA) and are contributing to the WMO WIGOS Data Quality Monitoring System (WQDMS).
- Technical assessments identified eight stations needing major rehabilitation, 14 requiring minor improvements, and others remaining unchanged since the SOFF readiness phase.
- ANAM and peer advisors launched a new technical assessment to update needs and reallocate resources. Some rehabilitated stations will be replaced with new candidates, likely increasing the total number of GBON-compliant stations beyond the original target of 33.

Challenges

- The status of several stations, at the time of the project launch, had changed from what was recorded in the initial diagnostic, due to progress made under other initiatives in the interim.

Lessons Learnt

- Continuous validation of technical data is essential, especially in dynamic contexts where other initiatives may be progressing in parallel.
- Early, structured stakeholder engagement, especially through inclusive workshops, builds ownership, clarifies roles, and enhances implementation readiness.
- Strong inter-agency collaboration, particularly in procurement and technical planning, enables faster and more flexible delivery.
- Adaptive project design, including flexibility to revise station targets and resource allocation, is key to optimizing impact and ensuring alignment with evolving national needs.

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	3	0	0	0	0	1	0	0	0	0	On-track	Workshop launch	
	Percentage of female participating in workshops	5%	10%	10%	15%	15%	28%	0	0	0	0	On-track	% female participants above target	
	Number of project steering Committee meetings	2	3	3	4	4	0	0	0	0	0	On-track	N/A	The official act required to establish the local steering committee was prepared by the Director of ANAM and submitted to the relevant Ministry for approval.
	Percentage of female participating in the steering committee	5%	10%	10%	15%	15%	0	0	0	0	0	On-track	N/A	
	Percentage of women participating in SOFF consultations with CSO and private sectors	5%	10%	10%	15%	15%	0	0	0	0	0	On-track	N/A	
1.2 NMHS institutional capacity required to operate the GBON network developed	Number of ANAM senior management trained	0	3	3	0	0	0	0	0	0	0	Not yet started	N/A	
	Percentage of female participants in senior management training	0	33%	33%	0	0	0	0	0	0	0	Not yet started	N/A	
	Number of team members trained in project management	0	2	2	2	2	0	0	0	0	0	Not yet started	N/A	
1.3 NMHS human capacity required to operate the GBON network developed	Training and capacity development for the 6 maintenance technicians, data manager, IT expert.	0	2	2	2	2	0	0	0	0	0	Not yet started	N/A	
	Percentage of female participants in training	0	33%	33%	33%	33%	0	0	0	0	0	Not yet started	N/A	

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 capacity-building activities	0	5%	10%	15%	20%	0	0	0	0	0	Not yet started	N/A	
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	0	2	4	0	0	0	0	0	0	0	Not yet started	N/A	Prospection and identification mission must take place ahead of the rainy season to ensure access
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	19	11	3	0	0	0	0	0	0	0	On-track	N/A	Lithium batteries must be shipped which may delay rehabilitation
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	0	0	1	2	0	0	0	0	0	0	Not yet started	N/A	A Long-Term Agreement for the procurement of meteorological equipment is currently being finalized through collaboration between WFP and UNDP. The technical specifications are expected to be launched by UNDP's procurement team in early April 2025, which will significantly streamline and accelerate the procurement process. In parallel, raising awareness among key stakeholders, particularly local communities and security forces remains essential to ensure a shared understanding of the purpose and civilian use of meteorological infrastructure, thereby

Output	Indicator	Target					Actual					Status	Milestones achieved	Challenges and risks
		Y1	Y2	Y3	Y4	Y5	Y1	Y2	Y3	Y4	Y5			
														preventing any potential misunderstandings or resistance during deployment.
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	0	0	N/A	N/A	N/A
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	19	30	33	33	33	0	0	0	0	0	On-track	N/A	
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	0	0	1	2	3	0	0	0	0	0	Not yet started	N/A	

Gender

Please indicate how the Gender Policy of your organization (Implementing Entity) was applied to SOFF Operations.

Gender equality is a cross-cutting priority in the implementation of the SOFF Investment Phase. The project has taken concrete steps to promote the meaningful participation of women across planning and implementation processes, in line with the WFP [Gender Policy](#). During the launch workshop in January 2025, women made up 28 percent of participants, significantly exceeding the Year 1 target of 5 percent. Gender targets are systematically embedded in capacity development activities, including training of ANAM staff and project steering committees, with a commitment to reach 33 percent female participation in senior management and technical trainings by 2029. The project aligns with SDG 5.5 by promoting women's leadership in public service and aims to ensure gender-disaggregated reporting throughout implementation.

Social and environmental safeguards

Please indicate how environmental and social safeguards standards are observed in the execution of activities.

The project follows WFP's [Environmental and Social Safeguards Policy](#), ensuring activities are designed and implemented with minimal environmental impact and strong consideration of social dynamics. Site selection for new or rehabilitated meteorological stations is guided by screening criteria to prevent adverse environmental impacts, particularly in ecologically sensitive or conflict-prone zones. Additionally, targeted community engagement is planned with local leaders and security actors to raise awareness about the purpose of meteorological equipment and to prevent misunderstandings. Priority is given to rehabilitating existing infrastructure to reduce waste, and all procurement and deployment follow international safety and sustainability standards.

Civil society and private sector participation

Please indicate any engagements to date with civil society and private sector during Investment Phase implementation.

The project engaged civil society organizations and private sector stakeholders during the launch and planning phase. In the initial stakeholder workshop held in January 2025, consultations included representatives from national and regional CSOs, technical institutions, and private actors active in the climate and development sectors. Women represented 28 percent of participants in these consultations. These interactions helped define roles, surface implementation risks, and ensure a shared understanding of the roadmap. Continuous engagement is planned throughout the

project's implementation, particularly in capacity development and awareness-raising efforts.

Complementary financing and leverage

Please indicate any complementarity with ongoing and future projects/programmes with other climate funds.

The SOFF Investment Phase is complementary to other ongoing initiatives targeting meteorological and climate resilience systems. Several of the stations initially targeted for rehabilitation under SOFF were recently upgraded through other donor-funded initiatives, allowing resources to be reallocated to underserved areas. Additionally, the close collaboration between WFP and UNDP on the development of equipment specifications, leveraging UNDP's procurement mechanisms, demonstrates strong operational synergy. The project also aligns with the Early Warnings for All (EW4All) initiative and benefits from technical guidance by the WMO and GeoSphere Austria, serving as peer advisors.

Implementation of grievance redress mechanism

If applicable, please provide description of any issues or complaints received, along with the current status of their resolution.

Thus far, no grievances or complaints have been received in relation to the SOFF Investment Phase activities. The project will continue applying WFP's standard grievance and feedback mechanisms, ensuring that all stakeholders, including communities where infrastructure will be deployed, have access to safe and responsive channels to express concerns or suggestions.

Hotline: The hotline is operated directly by WFP. The number will be communicated through posters, banners and key messages (see communication plans) – communications will include opening hours for the service, as well as a confidentiality commitment by WFP.

WhatsApp: The WhatsApp is operated directly by WFP. The phone number will be communicated through posters and banners. Key communications messages will include a confidentiality commitment by WFP.

Help desk: The help desk is operated by the service provider. The provider's budget will include the resources needed to hold a helpdesk (two persons, a table, four chairs) and the training package will include a session on how to operate a helpdesk and how to record feedback.

Community feedback committee: The community feedback committee is formed of a group of community members. The committees are established and trained by the provider.

Success stories

Please share any success stories and links to news and publications relevant to Investment Phase implementation.

A key early success was the national launch of the SOFF project in January 2025, which was widely covered by national media and brought together stakeholders from across government, civil society, and technical partners. Another notable achievement was the identification, through coordination between WFP, ANAM and peer advisors, of 11 stations previously targeted under SOFF that had already been rehabilitated and were contributing to WMO's WIGOS system. This allows for the reallocation of SOFF resources to additional high-priority sites and will likely increase the number of GBON-compliant stations beyond the originally anticipated 33. These early wins illustrate the project's adaptive management approach and the value of strong institutional collaboration.

Media coverage of the launch:

MRTV : [journal télévisé du 27/01/2025](#) (début à 09 '38)

Tchadinfos : [journal télévisé du 27/01/2025](#) (début à 05'14)

Ndjam Post : [Météologie : le Tchad vers une amélioration du système d'alerte précoce efficace](#)

La ministre des Transports, de l'Aviation civile et de la Météorologie, Fatima Goukouni Weddey, a lancé, le lundi 27 janvier 2025, le projet « Mécanisme systématique pour le renforcement du réseau d'observation météorologique » appelé systematic observation financing facility.

TribuneEchos : [Tchad : Lancement du projet SOFF pour renforcer les systèmes météorologiques](#)

Le Tchad renforce ses capacités face aux défis climatiques grâce au projet "Systematic Observation Financing Facility" (SOFF), officiellement lancé le 27 janvier 2025 à N'Djaména.

N'djam'Echos : [#Tchad : Programme Alimentaire Mondial en partenariat avec l'agence nationale de la Météorologie et du Geosphere Autriche, a lancé officiellement ce 27 janvier 2025, le projet SOFF](#)

Ce projet vise à réhabiliter le réseau d'observations météorologique, de renforcer les capacités de l'ANAM et d'améliorer le système d'alerte précoce.

Rafigui Média : [Lancement Officiel du projet SOFF au Tchad : L'Agence Nationale de la Météorologie et le Programme Alimentaire Mondiale renforcent la résilience face aux défis climatiques](#)

Ce projet quinquennal estimé à plus de 6,98 millions de dollars américains sera mis en œuvre par le PAM en partenariat avec l'Agence Nationale de la Météorologie du Tchad et Geosphere Autriche.

Paysage Info : [# Tchad : Le lancement du projet SOFF à N'Djamena](#)

Ce projet vise à renforcer le réseau d'observations météorologiques pour une amélioration des systèmes d'alerte précoce.

Focus Média : [# Tchad : Lancement officiel du projet SOFF au Tchad](#)

L'Agence Nationale de la Météorologie et le Programme Alimentaire Mondial ont lancé le projet SOFF, un programme stratégique quinquennal de 6,98 millions de dollars pour renforcer la résilience du Tchad face au changement climatique.

MTACMN : [Renforcement de la résilience climatique : Lancement du projet SOFF](#)

En collaboration avec le PAM et l'ANAM, ce projet vise à moderniser et renforcer les infrastructures météorologiques nationales afin d'améliorer la gestion des risques climatiques

FM Liberté : [Journal parlé du 27/01/2025](#) (début à 06'00)