



Sixth Steering Committee
27 November 2023

Updated SOFF Results Framework for the First Implementation Period 2022-2025

Decision 6.7

**Systematic Observations
Financing Facility**

**Weather
and climate
data for
resilience**



Decision 6.7: Adoption of the Updated SOFF Results Framework for the first implementation period July 2022 to June 2025

The Steering Committee

Adopts the updated SOFF Result Framework that reflects the updated SOFF Work Programme 2022-2025 and the operational progress so far.

Encourages the SOFF beneficiary countries, the SOFF Implementing Entities, the SOFF peer advisors, the WMO Technical Authority and the SOFF Secretariat to continue the speed of action demonstrated so far to achieve the results presented in this framework.

This document presents the baseline and targets for the SOFF Readiness, Investment and Compliance phase for the first implementation period (July 2022 – June 2025). It reflects the updated SOFF work programme (Decision 6.6) and updates the previously adopted result framework [Decision 3.2](#) which provided baseline and targets for the Readiness phase only.

Updated SOFF Results Framework for the First Implementation Period 2022-2025

1. High-level outcome

The measurement of this indicator will be done through the reports prepared by WMO in collaboration with selected WMO Global Producing Centers on the impact of observations.

A proposal for a study on the impact of multiple GBON observation scenarios on weather forecasting skill to inform SOFF decisions has been submitted for consideration of the Sixth Steering Committee (Decision 6.8). The study will be undertaken by the European Centre for Medium-Range Weather Forecasts and coordinated by WMO.

2. Outcome

Acknowledging the complexities of achieving full GBON compliance in SIDS and LDCs this indicator measures progress toward GBON compliance.

According to [Decision 5.7](#) the definition of GBON compliance includes two parts: (a) station-level compliance and (b) country-level compliance. SOFF supports and rewards progress by focusing on station-level compliance while striving to support countries to achieve country-level compliance as much as possible.

During the last year of the Investment Phase, the beneficiary country is expected to fully operate and maintain the network striving to achieve the sustained operation of all the SOFF-supported stations according to the GBON compliance criteria. This is called the 'Commissioning Period'. No country is expected to complete the commissioning period by June 2025.

3. Outputs

The baseline and targets for the Readiness and Investment phase outputs are based on the updated SOFF work programme for the first implementation period (Decision 6.6), submitted for consideration by the sixth Steering Committee.

For the Readiness Phase the proposed target of countries accessing Readiness funding is 75. With this target, SOFF will provide support to 50 % of the 149 SOFF eligible countries for Readiness phase, and nearly all SIDS and LDC countries eligible for SOFF support will receive Readiness phase support by the year 2025.

The indicators for the Investment Phase reflect the operational experience to far and provide a measurement of progress towards the delivery of the outputs. The targets for

surface and upper air stations rehabilitated or newly installed are 40 and 1, correspondingly.

Since it is unlikely that any country will move into the Compliance phase by June 2025, the targets for the respective outputs are zero with the exception of the annual GBON compliance report to be produced by WMO and SOFF annual¹/action reports.

The indicators will be monitored by the SOFF Secretariat in accordance with the Operational Manual and the provisions in the SOFF Operational Guidance Handbook related to the two major outputs of the Readiness phase, namely the GBON national gap analysis and the GBON national contribution plan.

Table 1. SOFF updated results framework

	High-level outcome	Indicator	Baseline	Target	Source
	Improved weather and climate prediction products	Improvement in NWP standard measure of skills	0	tbc	Global Producing Centres
	Outcome	Indicator	Baseline	Target ²	Source
	Sustained compliance with GBON	Countries progress against the GBON gap analysis baseline	0	0	WMO Technical Authority
	Outputs	Indicator	Baseline ³	Target	Source
Readiness phase	1. GBON gap established and reviewed	# of GBON gap reports produced and reviewed	0	75	SOFF Secretariat
	2. GBON national contribution plan developed	# of GBON national contribution plan developed	0	75	SOFF Secretariat
Investment phase	3. GBON infrastructure in place	# of surface stations rehabilitated and/or installed with SOFF support	0	40 ⁴	SOFF Secretariat Implementing Entities

¹ The first SOFF 'Annual' Report has been renamed as 'Action' Report as it is based on more than 12 months of operations of the Fund.

² This information will be available after completion of the Investment Phase which goes beyond June 2025.

³ This baseline is based on July 2022 which corresponds to the start of the first implementation period.

⁴ Total number of stations rehabilitated or newly installed with SOFF support by 2025.

		# of upper air stations rehabilitated and/or installed with SOFF support	0	1 ⁵	SOFF Secretariat Implementing Entities
	4. GBON human and institutional capacity in place	# NMHS staff trained	0	120	SOFF Secretariat Implementing Entities
		# Institutional capacity building activities	0	20	
		# National consultations	0	60	
Compliance phase	5. Annual GBON compliance report and SOFF annual reports produced	Annual reports produced	0	2	WMO Technical Authority SOFF Secretariat
	6. GBON data internationally shared and results-based finance provided	Total # of stations internationally sharing GBON data and receiving result-based finance	0	0	WMO Technical Authority SOFF Secretariat
	7. On-demand GBON operational and maintenance advisory provided	# of countries receiving satisfactory advisory services delivered	0	0	SOFF Secretariat
	8. Weather and climate analysis products freely available through WMO Global Producing Centres	# of Global Producing Centres that provide free and open access to data # of products that have free and open access	tbc	tbc	Participating Global Producing Centers WMO Technical Authority SOFF Secretariat

⁵ Most countries that are part of the first batch of investment funding requests aim to rehabilitate or install upper air stations in the third year of the investment phase i.e. 2026