

Champions' Brief

Systematic Observation Impact Bond

Talking points to mobilize support for the new Impact Bond — innovative finance to close the weather and climate data gap.



A massive global gap leaves the world exposed

Surface-based weather and climate data are a global public good and the invisible ingredient of every forecast, early warning, and climate action — yet in many developing countries, the system is broken.

- In Africa, **fewer than 1 in 10 required surface weather stations are reporting data**. Germany alone has more compliant stations than the entire continent.
- Because the weather and climate do not know borders, these gaps have **profound global impact** — weakening forecasts everywhere and putting agriculture, travel, and energy systems at risk.
- **The consequences are real**: for instance, when Hurricane Otis struck Mexico in 2023, forecasters struggled to anticipate its sudden intensification due to missing surface observations.
- **It is urgent to act**: every year these gaps persist, lives, livelihoods, and economies are at risk.



Innovative finance to accelerate progress

The Systematic Observation Impact Bond will allow to act quickly by frontloading resources from institutional and impact investors, backed by public and private donors while tying repayment to independently verified results.

- With bond support, participating countries will increase weather and climate data sharing by at least **500 percent**.
- Closing the gaps could yield **USD 5 billion in direct annual benefits** and up to 160 billion US dollars each year across critical sectors.
- An isolated station in the Pacific contributes to global forecast quality **20 times more** than any single station in Europe.
- **The human difference**: better data powers stronger early warning systems — saving lives, protecting livelihoods, and safeguarding economies.



A proven solution in place – time to scale up

The Systematic Observations Financing Facility (SOFF) is the single-purpose United Nations fund dedicated to closing the basic weather and climate data gap.

- Established at the request of 193 countries, SOFF combines **results-based, grant-only funding with long-term technical assistance** provided by a community of over 20 advanced national meteorological services.
- Since 2022, SOFF has already started to support **66 countries**, enabled by USD 120 million pledged by 12 initial funding partners.
- **More support is needed**: more than 100 countries have requested support.
- Having demonstrated **speed and low-cost**, SOFF is now scaling through innovative climate finance with the Systematic Observation Impact Bond.



Time to scale up: join the coalition

By supporting the new Impact Bond, you are backing one of the most innovative climate finance solutions today — with the certitude to deliver tangible results.

The Bond will be **announced at COP30** as a practical showcase of the Mutirão principle — countries and partners working together to deliver a global public good.

The call to action:

- Champion the Systematic Observation Impact Bond at COP30 as a **breakthrough in climate and development finance**.
- Help mobilize **USD 200 million** now to meet urgent demand.
- **Join the coalition** of governments, philanthropies, investors, businesses and development funds to secure the accurate data that powers early warnings, saves lives locally, and strengthens resilience globally.