

Global State of Systematic Observation Initiative

Co-creating the world's leading reference on the value of climate data

Systematic observation is an essential yet often overlooked foundation of climate action, resilience and economic prosperity and a global public good. Governments, businesses and financial institutions rely on climate data to manage risk and take action. Yet, critical gaps in the global observing system, particularly in developing countries, are weakening forecast accuracy worldwide.

To make informed decisions, the global community lacks an authoritative reference that demonstrates the scale of the risks these gaps create, the benefits of closing them and the investments required.

WHAT IS IT ABOUT

The Global State of Systematic Observation is a multi-partner initiative aiming at producing a flagship report.

Envisioned as the global reference on the value of climate data the report will:



Highlight the Gaps

in systematic observation, based on GCOS scientific reporting



Demonstrate the Value

from a socio economic, private sector, and humanitarian perspective



Drive Investments

in global observing infrastructure and capacity

HOW IT WILL BE BUILT

The report will be developed through a coalition of public- and private-sector leaders spanning science, policy, finance and industry, representing the global community that generates, funds, researches, uses or decides based on climate data.

The initiative is built on more than 30 years of the Global Climate Observing System (GCOS) reporting on the state of systematic observation and initial funding provided by the Systematic Observations Financing Facility (SOFF) Steering Committee.



WHAT MAKES IT UNIQUE



It bridges scientific evidence and decision-making



It brings together perspectives that have not been connected before



It advances funding for a global public good

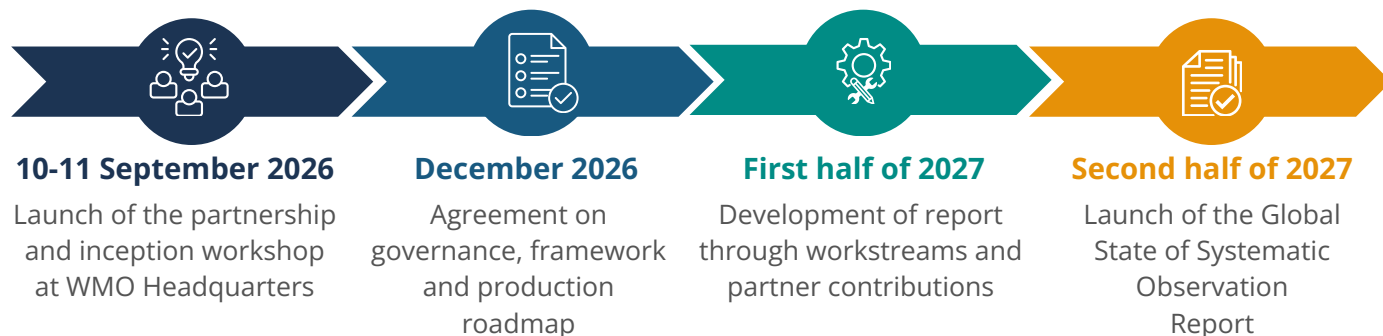
HOW CAN YOUR ORGANIZATION CONTRIBUTE

- Join the coalition and help shape the report.
- Provide expertise, evidence and perspective linked to the scope of your organization.
- Champion the initiative and promote it through your network.

WHY JOIN THE COALITION

- Influence an emerging global agenda.
- Ensure your expertise, evidence and perspective is reflected.
- Gain access to a high-level cross-sector network.
- Amplify your institution's impact.
- Access new evidence and insights.

THE JOURNEY



The Systematic Observations Financing Facility (SOFF) is a United Nations fund co-created by WMO, UNEP and UNDP, solely dedicated to closing the basic weather and climate data gaps in the most resource-constrained countries.

 <https://www.un-soff.org>



The Global Climate Observing System (GCOS) is global scientific programme co-sponsored by WMO, IOC-UNESCO, UNEP and ISC, defining the observations needed to monitor and understand Earth's changing climate.

 <https://gcos.wmo.int/site/global-climate-observing-system-gcos>