



sponsor

GCOS Steering Committee
comments from sponsors



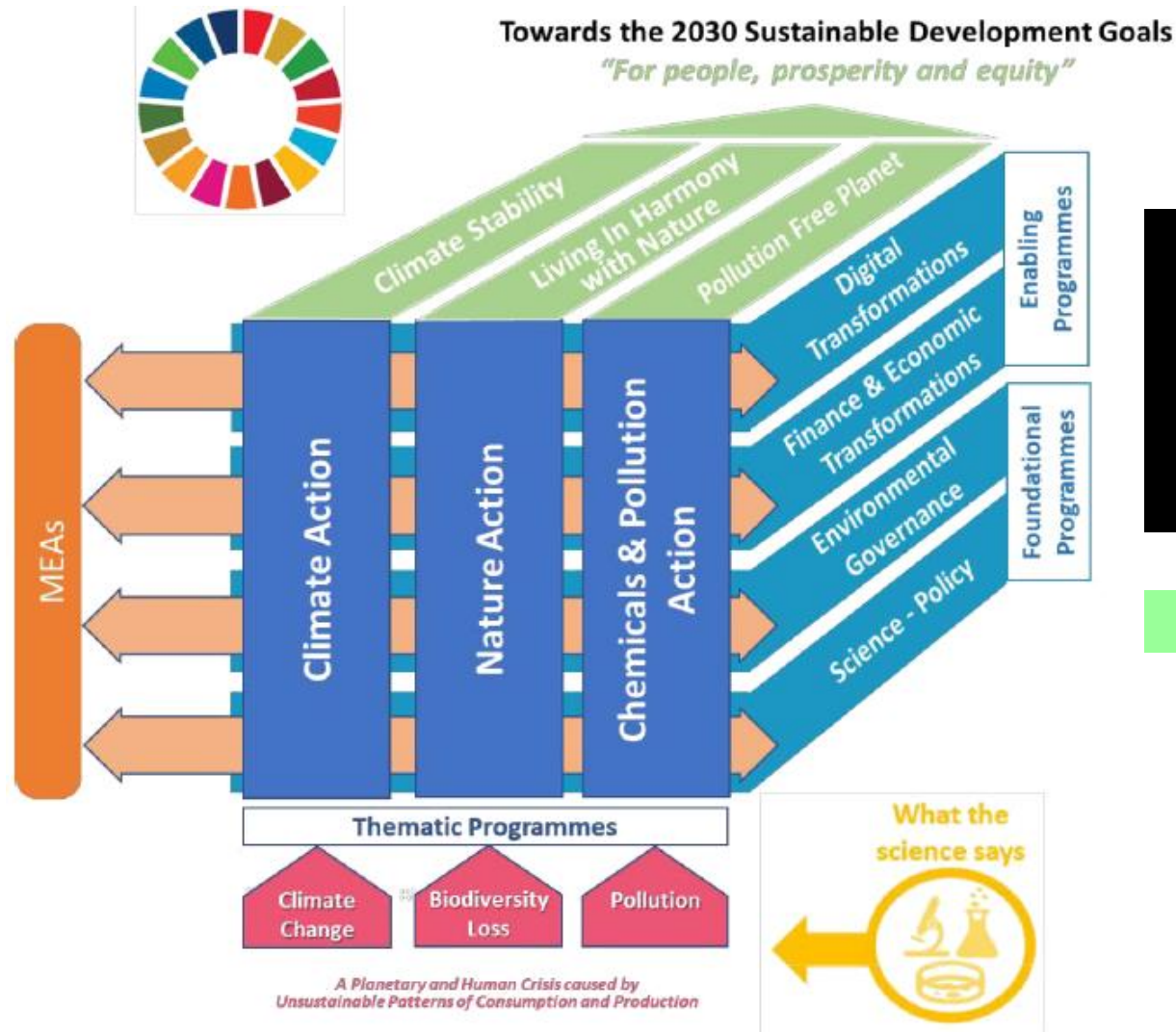
WMO



INTERNATIONAL
COUNCIL
FOR SCIENCE



What benefits do you get from GCOS?



UNEP's MTS 2022-2025

Relevance of ECVs:
Normative global to regional – data monitoring/assessment/measuring progress on mitigation and adaptation (value chain)

Local – regional emission – data

What benefits do you get from GCOS?

1. Essential Climate Variables and Climate Action – a backbone of the UNEP Medium-Term Strategy (MTS) 2022-2025
2. Member States approved the MTS and adopted Science-Policy as one of its foundational sub-programmes; data credibility, modelling, scenarios and forecast information are key to policy-relevant analysis and recommendations.
3. Harmonized high standard observations and establishing context with the SDGs related to SDG 6 (water), 13 (climate), 14 (oceans), etc. are essential for MTS.
4. Co-benefits are in key assessments UNEP supports in partnership/is leading on such as the IPCC, the IPBES and GEO, further the EGR and AGR
5. The focus on “Action” requires to look into both, mitigation and adaptation to global trends including to find and promote rigorous metrics to observe/measure adaptation and to inform steps towards adaptation

How do you contribute to GCOS?

1. UNEP will work with GCOS, GOOS and others to capitalize on its role of data-driven authority to support national institutions in tracking and reporting on climate actions.
2. Provisioning of reliable, accessible, state-of-the-art environmental information, including on climate and relevant policies and incentives, that reduces uncertainty and risk in decision-making.
3. UNEP aims to map progress towards nationally determined contributions and adaptation actions; and assist MS in tracking financial support provided and mobilized.
4. UNEP remains actively involved in the Steering Committee of GCOS and it has been actively contributing to the Task Team on Observations for Adaptation
5. Through the Science-Policy and Digital Transformation subprogrammes UNEP will increase the uptake of ECV and EOVS for relevant transformative actions.
6. UNEP through its analytical and assessment work and supporting MEAs relies on climate and earth system observations, their interlinkages with e.g. health, ecosystems, natural capital at large and their relevance in informing transformation.

How do you see your future relationship with GCOS?

1. UNEP will continue its engagement in the GCOS Steering Committee through the Office of Chief Scientist and Science Division
2. It continues advocating for liaison to the World Adaptation Science Programme, the Adaptation Futures Conference, and shall help identify needs in research, policy, and action, focused on developing countries
3. In regional terms UNEP will draw on the focus on the Cryosphere and engage in broadening focus on the hydrological cycle
4. Further relations will be needed to evolve around UNEP's partnership based (alliance/consortium) approaches around Air Quality, Water Quality (WWQA) and Oceans (incl. coastal zones) with WMO and multiple partners
5. Co-benefits can be foreseen through links of GCOS based observations and the world environment situation room (happening already e.g. on atmospheric and polar variables)

thank you

gcos.wmo.int



@gcos_un

