



At the heart of  
the Ocean Decade

# The Global Ocean Observing System at the heart of The Decade of Ocean Science for Sustainable Development 2021-2030

Support us and enable the Decade of Ocean Science  
for Sustainable Development to succeed.



2021 United Nations Decade  
2030 of Ocean Science  
for Sustainable Development

Endorsed by the UN Decade of Ocean Science

# The Global Ocean Observing System (GOOS) delivers the essential information needed for our **sustainable development, safety, wellbeing, and prosperity.**

Our observations and predictions are the foundation of much of the exciting, transformative work the Ocean Decade will carry out to give us the ocean we need for the future we want.

Launching the Ocean Decade has made GOOS's work more important than it has ever been. We will be fundamental to its success.

## — The challenge

Society needs more observations, delivering more ocean information, targeted at solving issues and connected to services. The specific challenges we face include:

- Addressing ocean pollutants.
- Tackling multiple stressors on ocean health.
- Food security.
- Developing a sustainable ocean economy.
- Building resilience and adapting to climate change.
- Enhancing multi-hazard early warning systems to reduce loss of life and property.

This means integrating and co-designing ocean observing and forecasting systems to be driven by users, integrating from the open ocean to the coast to serve a wider range of users, and integrating efforts and building capacity so more people benefit.

## — The answer

GOOS is at the heart of the Ocean Decade. The Ocean Observing Co-Design, CoastPredict and Observing Together programmes are foundational building blocks for the Ocean Decade.

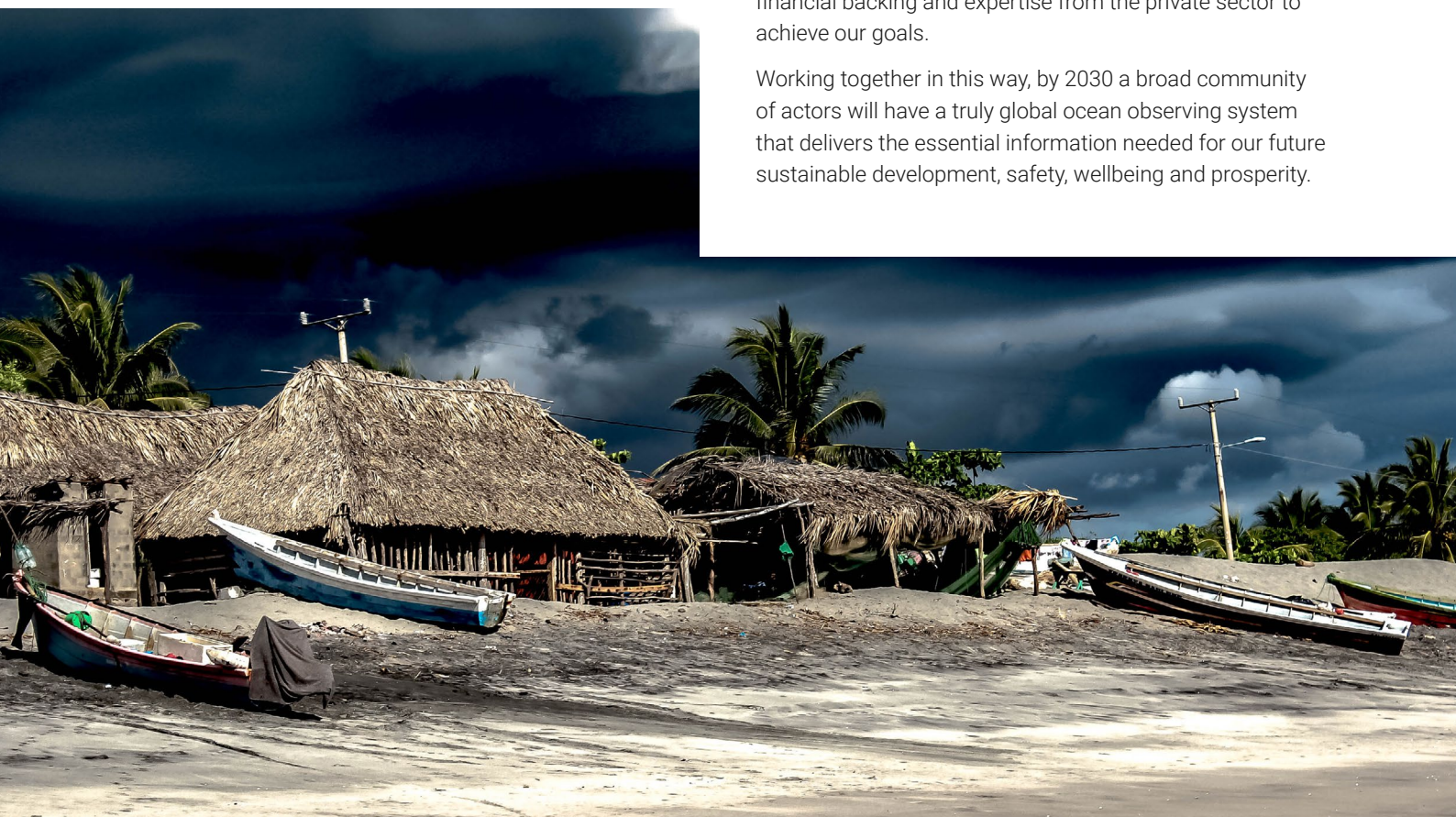
Ocean Observing Co-Design will transform our ocean observing system assessment and design processes. CoastPredict will revolutionise Global Coastal Ocean observing and forecasting. Observing Together will meet stakeholder needs and make every observation count through enhanced support to both new and existing community-scale projects.

Designed to meet immediate, urgent needs and accelerate GOOS development, these programmes will integrate with each other and others to help achieve the Global Ocean Observing System 2030 Strategy and the Ocean Decade Outcomes.

Supporting us is one of the best possible ways to accelerate the Ocean Decade's work and help make sure it achieves the ocean we need for the future we want.

Together with increased public funding and support, we need financial backing and expertise from the private sector to achieve our goals.

Working together in this way, by 2030 a broad community of actors will have a truly global ocean observing system that delivers the essential information needed for our future sustainable development, safety, wellbeing and prosperity.







## — The benefits

Together, Observing Together, Ocean Observing Co-Design and CoastPredict will:

- Better track the current state and future variability of the ocean.
- Empower society to adapt to change.
- Strengthen connections between ocean observers and community users.
- Enhance the value and quality of end-user products such as forecasts.
- Offer reliable predictions of different potential futures.
- Share ocean observations more widely.
- Expand coverage into regions and communities where before this would have been economically unviable.
- Assess the impact of action towards a sustainable ocean.
- Mitigate the impact of climate change, restore habitats and advance sustainable and blue economies.

**“ Supporting us is one of the best ways to accelerate the Ocean Decade’s work and help make sure it achieves the ocean we need for the future we want.**

## — Get involved

**If you are part of a project or institution keen to align with the objectives of the Ocean Decade and play an active role in the exciting work ahead, please get in touch.**

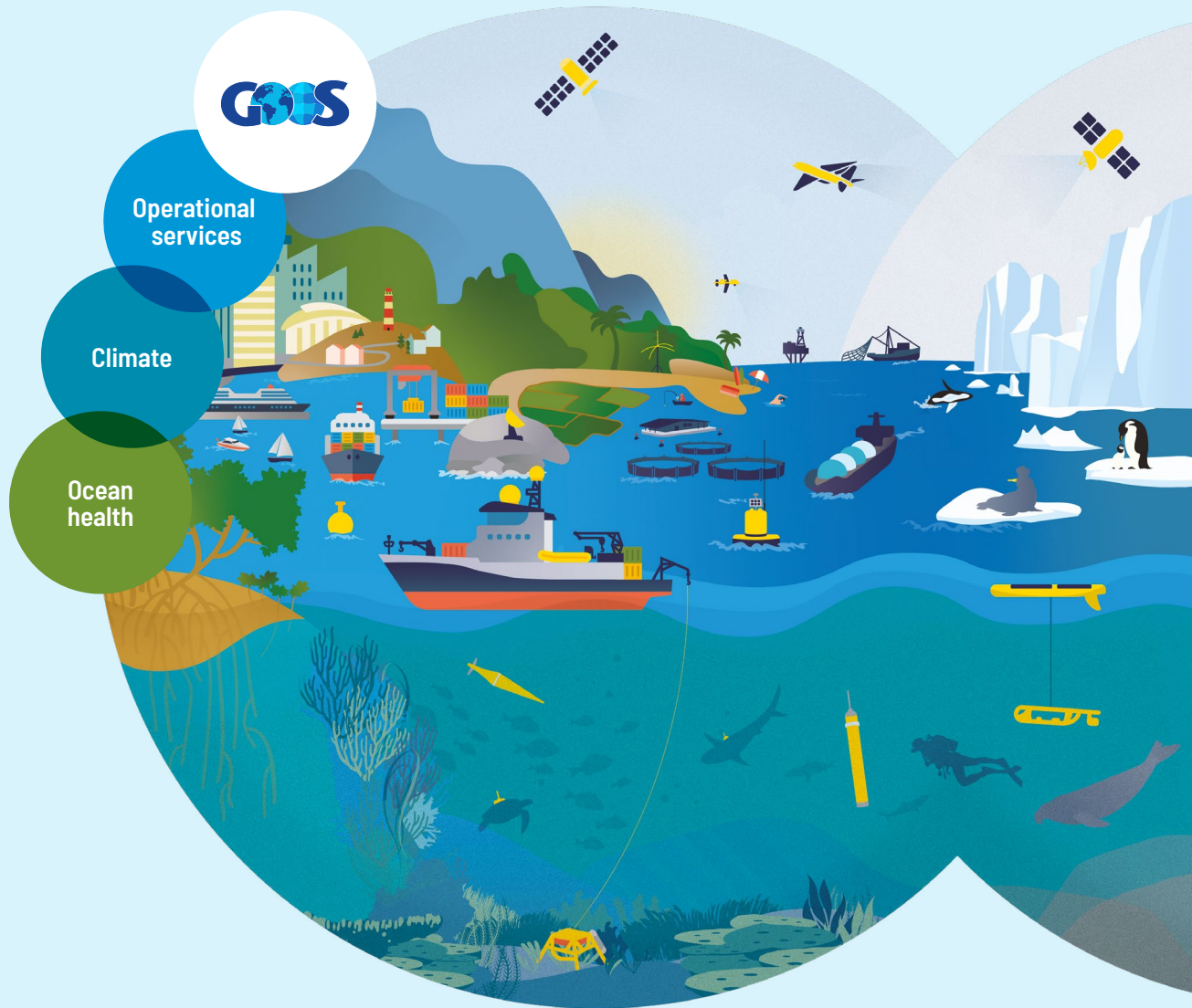
We are also seeking targeted investment to lift the science and tools and implementation.

If you are an early career ocean professional, there are opportunities to get involved with all programmes.

Let’s start the conversation about how you can help us and what your contribution will enable us to achieve together now.

[goosocean.org](https://goosocean.org) →





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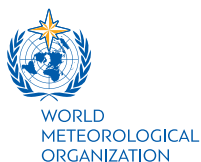
**GOOS is the global home of ocean observing expertise.**

We lead and support a community of international, regional and national ocean observing programmes, governments, UN agencies, research organizations and individual scientists.

Our Core Team of expert panels, networks, alliances and projects supported by a GOOS Office is in touch with ocean observing and forecasting around the world. We are an Intergovernmental Oceanographic Commission (IOC) led programme with UN and science co-sponsors WMO, UNEP and ISC.



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GOOS is sponsored by the **Intergovernmental Oceanographic Commission of UNESCO**, the **World Meteorological Organization**, the **UN Environment Programme**, and the **International Science Council**.