



2021 United Nations Decade
2030 of Ocean Science
for Sustainable Development

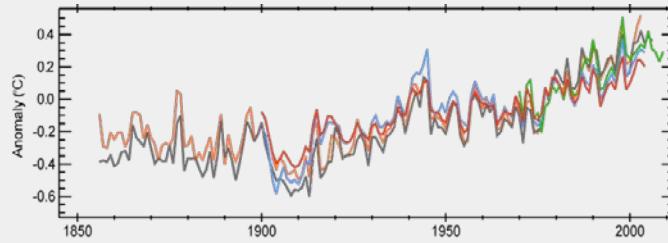


INTRODUCTION TO THE DECADE

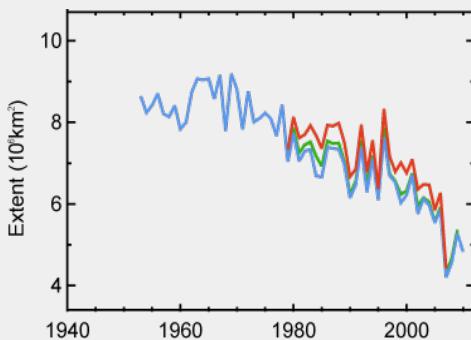
October 16, 2020

Earth Trends

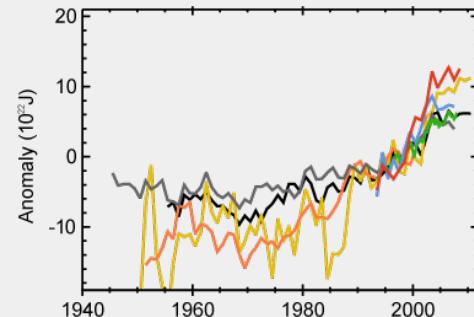
AIR TEMPERATURE OVER OCEAN



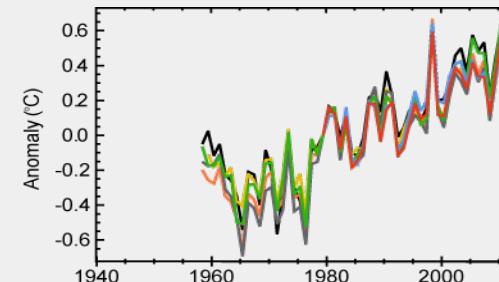
ARCTIC
SEA ICE



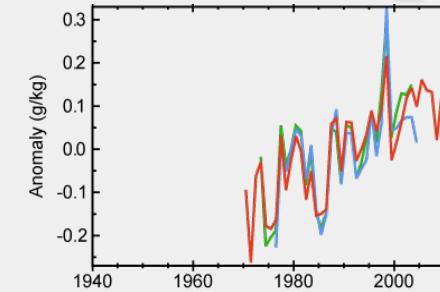
OCEAN HEAT
CONTENT



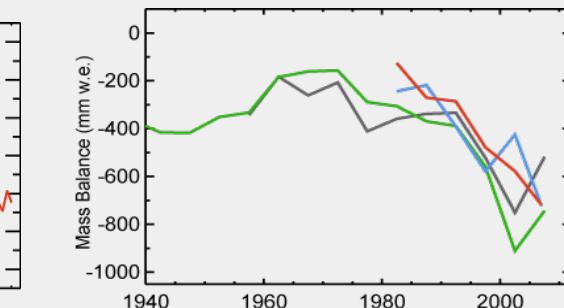
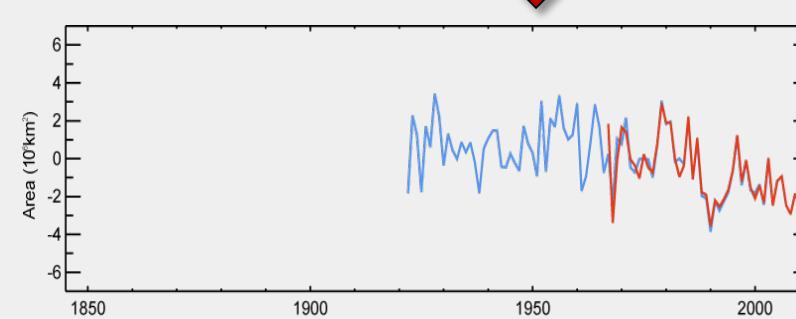
LOWER ATMOSPHERE
TEMPERATURE



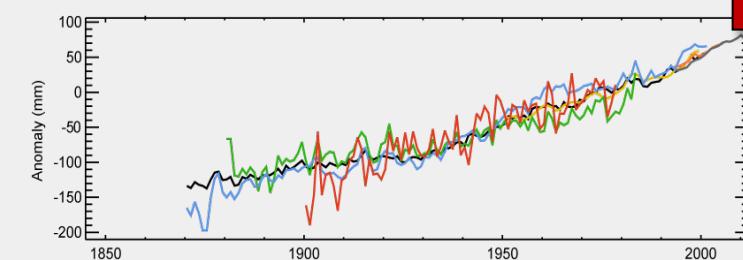
HUMIDITY



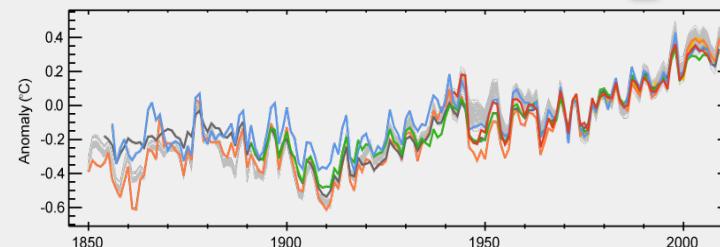
GLACIERS



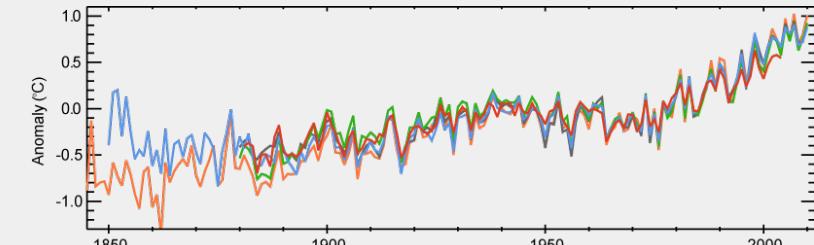
SEA SURFACE TEMPERATURE



GLOBAL SEA LEVEL



OVER LAND AIR
TEMPERATURE



Growing Confluence of Priorities



Common themes emerging at recent international conferences

- Marine Protected Areas
- Climate Change
- Sustainable Fisheries
- IUU Fishing
- Marine Pollution, Plastics
- Sustainable Blue Economy
- Maritime Security
- Corals
- Ocean Acidification



Decade Vision & Mission



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Vision

The science we need for the ocean we want

Mission

Transformative ocean science solutions for sustainable development, connecting people and our ocean.



Decade Outcomes

Describe the 'ocean we want' at the end of the Decade.

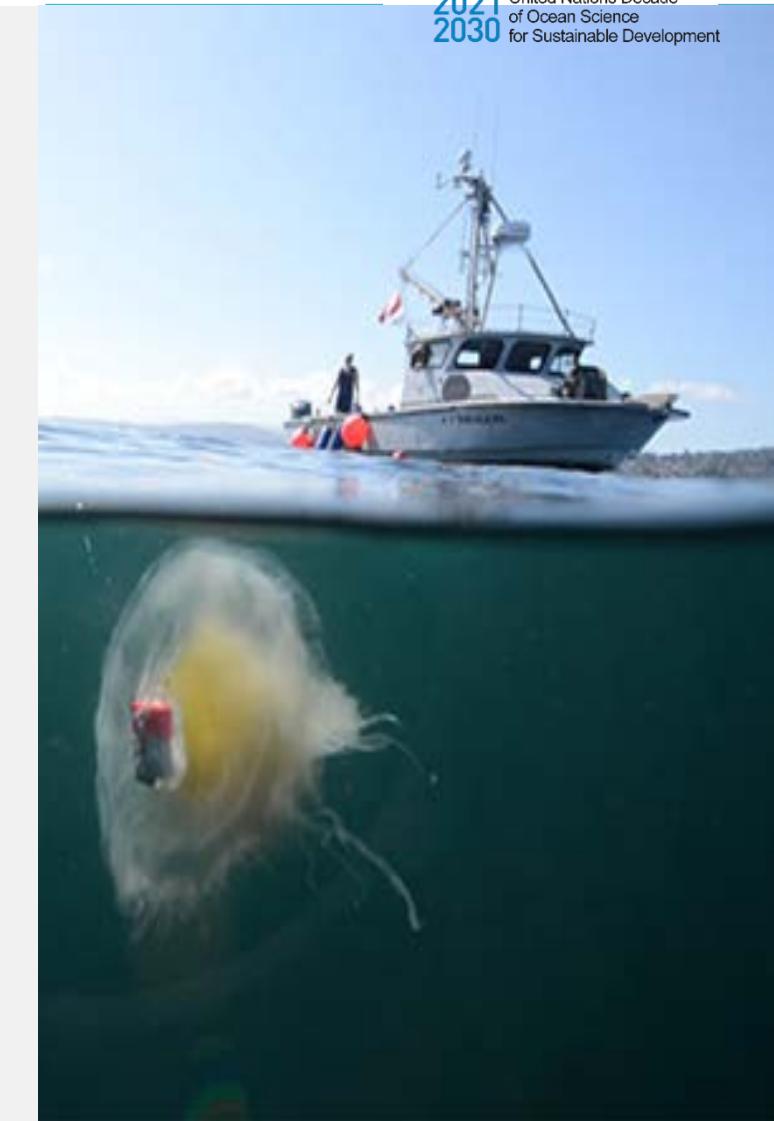
1. A **clean ocean** where sources of pollution are identified, reduced or removed.
2. A **healthy and resilient ocean** where marine ecosystems are understood and managed.
3. A **productive ocean** supporting sustainable food supply and a sustainable ocean economy.
4. A **predicted ocean** where society understands and can respond to changing ocean conditions.
5. A **safe ocean** where life and livelihoods are protected from ocean-related hazards.
6. An **accessible ocean** with open and equitable access to data, information, and technology and innovation.
7. An **inspiring and engaging ocean** where society understands and values the ocean in relation to human wellbeing and sustainable development.



Decade Challenges

Describe the most immediate and pressing priorities for the Decade.

1. Pollution and Marine Debris
2. Ecosystem Protection, Restoration
3. Food Security, Sustainable Seafood
4. Economic development
5. Ocean-Climate Nexus
6. Multi-Hazard Warnings
7. Ocean Observing Systems
8. Digital Ocean Map and Data Portal
9. Capacity Development
10. Social & Behavioral Barriers to Change



Executive Planning Group



Preparatory Phase (2018-2020)



200 participants

at the Global Planning Meeting in May 2019

3 meetings

of UN-Oceans contact group

11 regional workshops

with **>1900 attendees**

PLUS...

- Early Career Ocean Professional Working Group created
- Ocean Literacy & UN agencies thematic meetings
- Virtual sessions presenting zero draft of Implementation Plan
- IOC Member State reviews

**...informed the
Implementation Plan**

Implementation Plan

The Implementation Plan is a ***dynamic, living document*** that will evolve over the Decade.

It provides a ***strategic framework*** for Decade implementation.

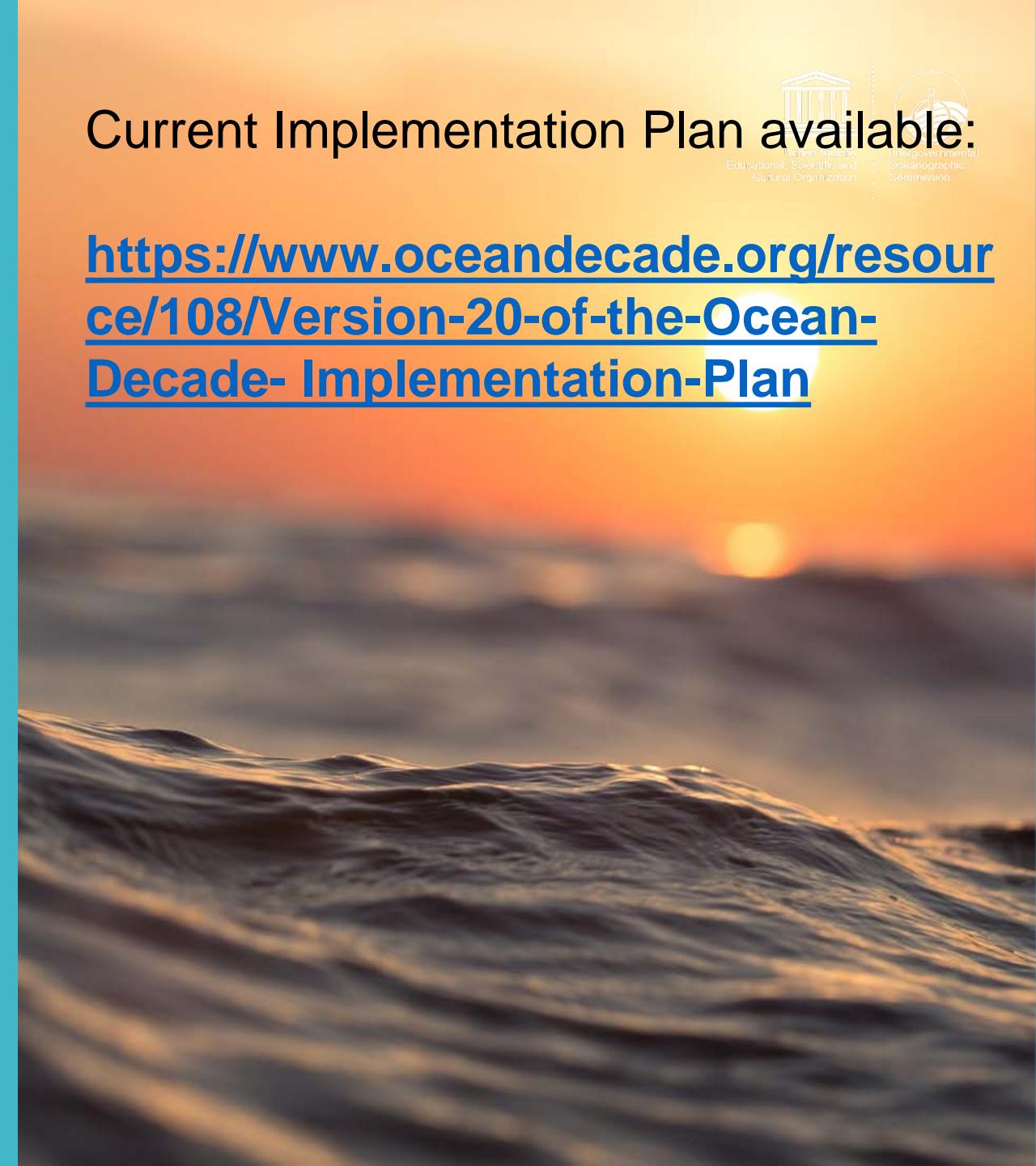
The Implementation Plan is structured as follows:

- ✓ **Part 1:** provides the rationale, vision, mission and desired outcomes of the Decade.
- ✓ **Part 2:** presents the Decade Action Framework
- ✓ **Part 3:** presents the implementation mechanisms

Current Implementation Plan available:



<https://www.oceandecade.org/resource/108/Version-20-of-the-Ocean-Decade- Implementation-Plan>

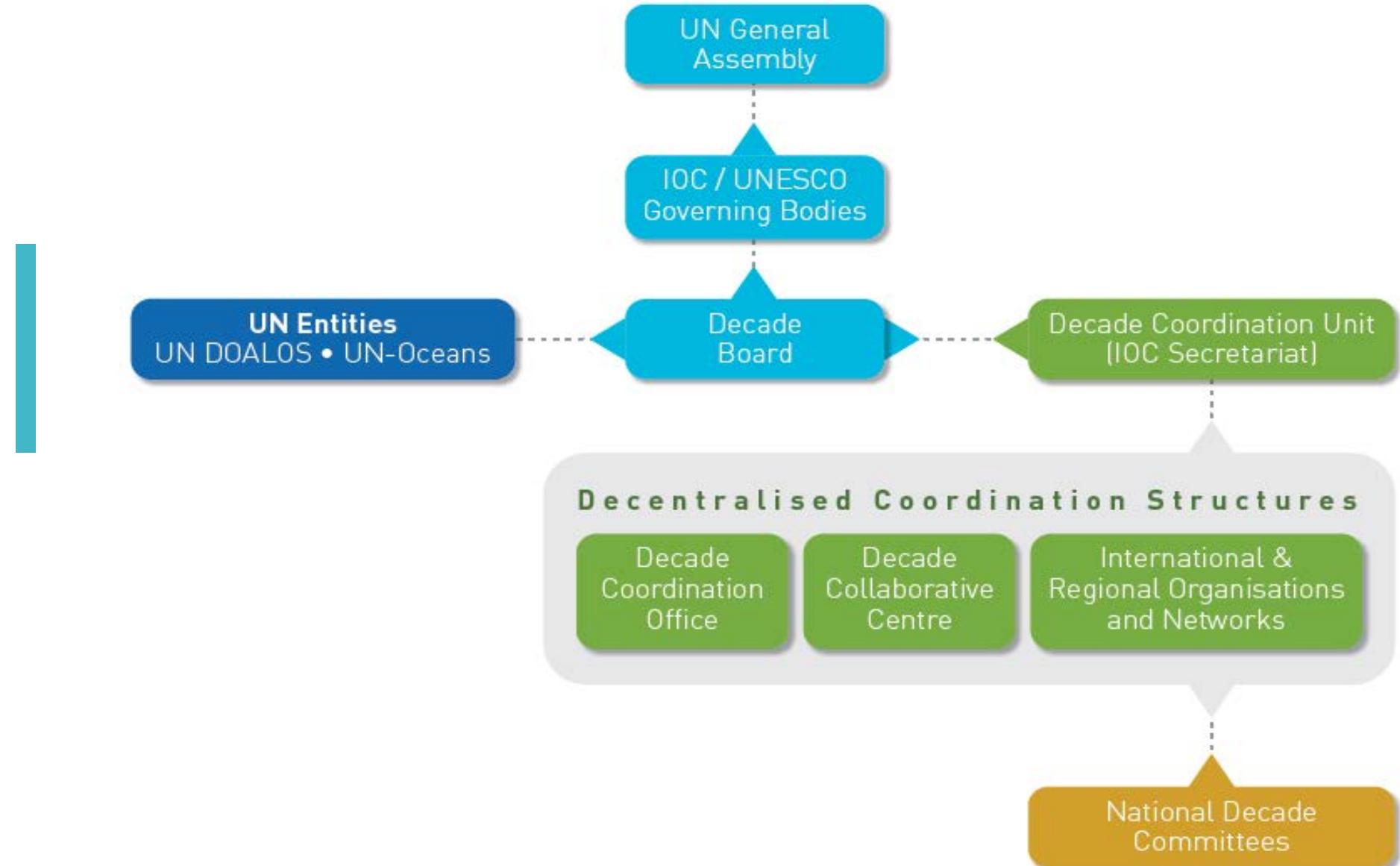


Decade Action Framework

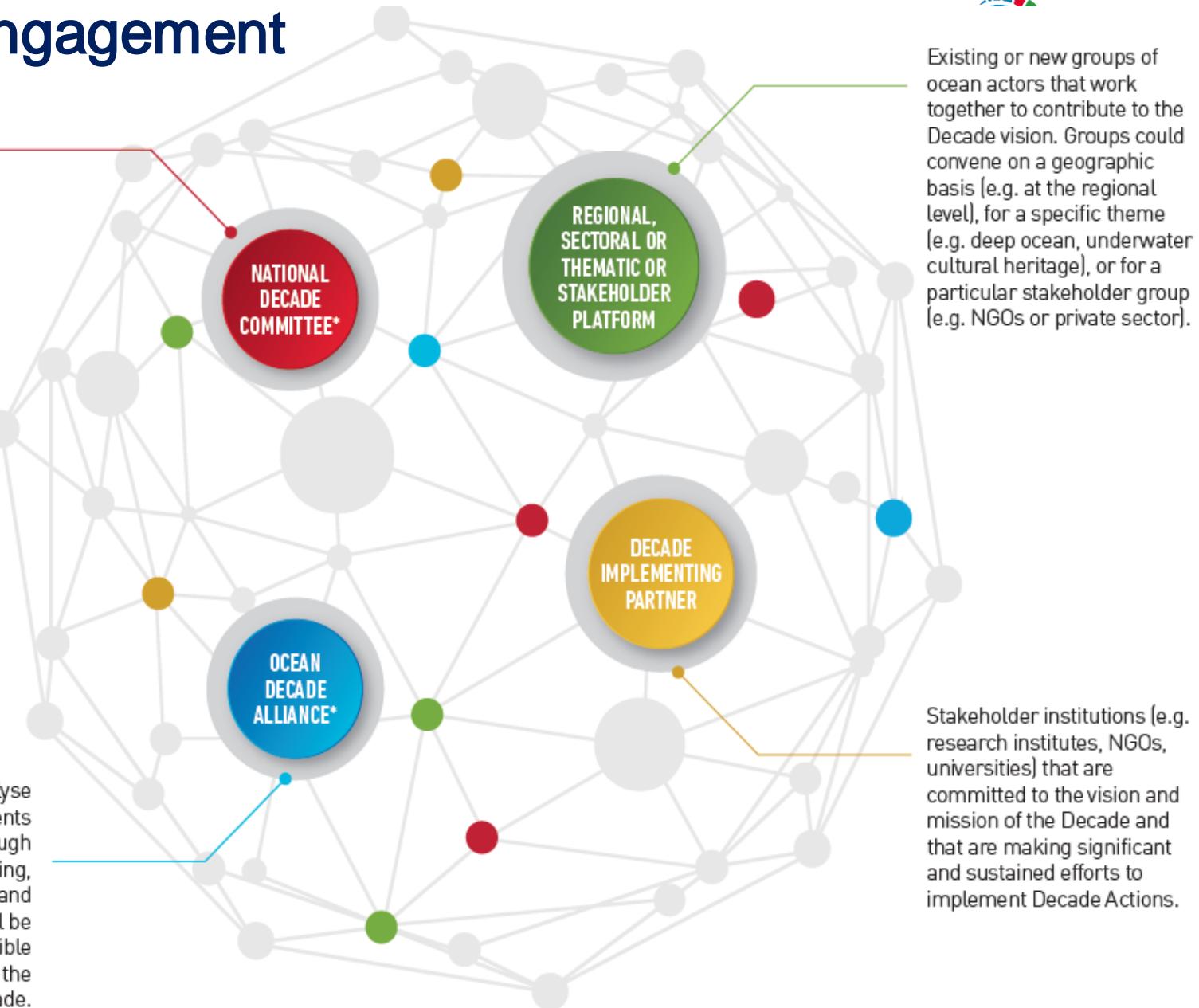
AGENDA 2030 &
REGIONAL AND
GLOBAL POLICY
FRAMEWORKS



Governance Framework



Stakeholder Engagement



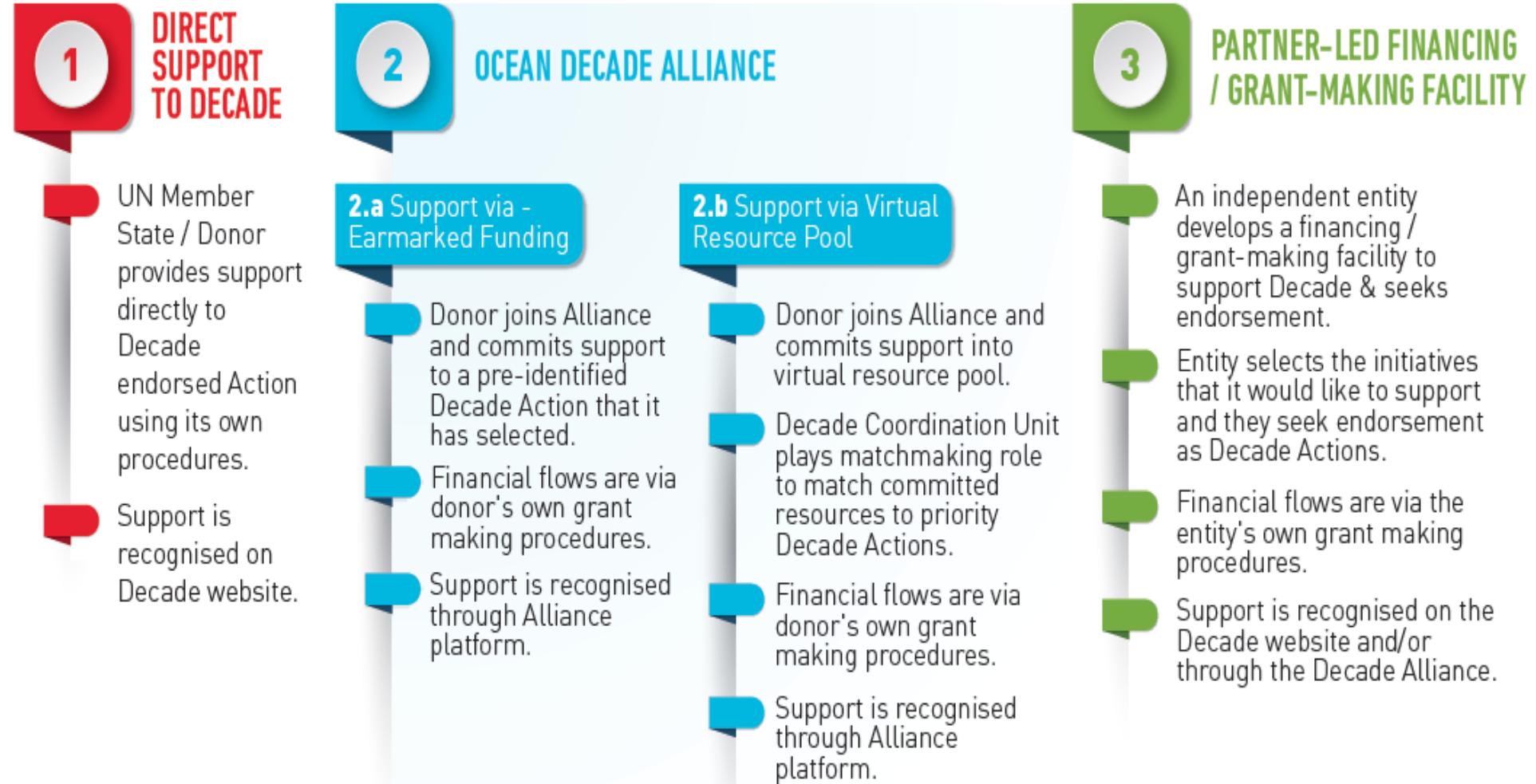
Existing or new structures to coordinate actors at the national level. Inclusive multi-agency and multi-stakeholder platform for the co-design and co-delivery of Actions and facilitate access to benefits such as data, products, science-policy advice, or capacity development.

The Alliance will catalyse large-scale commitments towards the Decade through targeted networking, resource mobilization, and influence. Members will be part of a highly visible platform of supporters of the Decade.

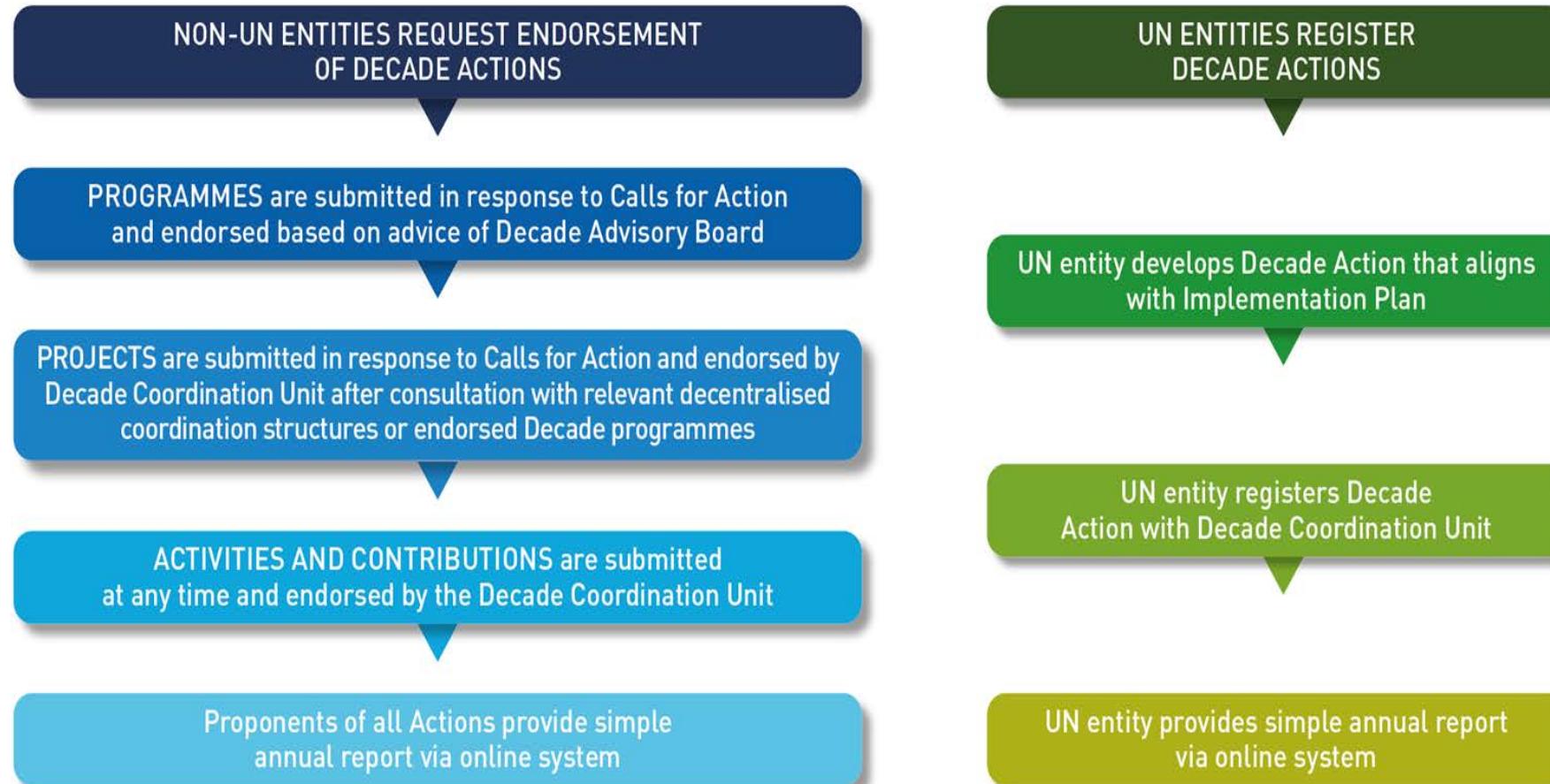
Existing or new groups of ocean actors that work together to contribute to the Decade vision. Groups could convene on a geographic basis (e.g. at the regional level), for a specific theme (e.g. deep ocean, underwater cultural heritage), or for a particular stakeholder group (e.g. NGOs or private sector).

Stakeholder institutions (e.g. research institutes, NGOs, universities) that are committed to the vision and mission of the Decade and that are making significant and sustained efforts to implement Decade Actions.

Resource Mobilization



Endorsement Process for Decade Actions



Call for Actions, issued October 14, 2020



Calls for:

- large-scale, multi-country, transformative Decade programs; and
- large-scale contributions to the coordination costs of the Ocean Decade.

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aims to identify a first group of potential Decade Actions for presentation to the first meeting of the Decade Advisory Board in early 2021.

Launch Event in Berlin, May 2021



THANK YOU

