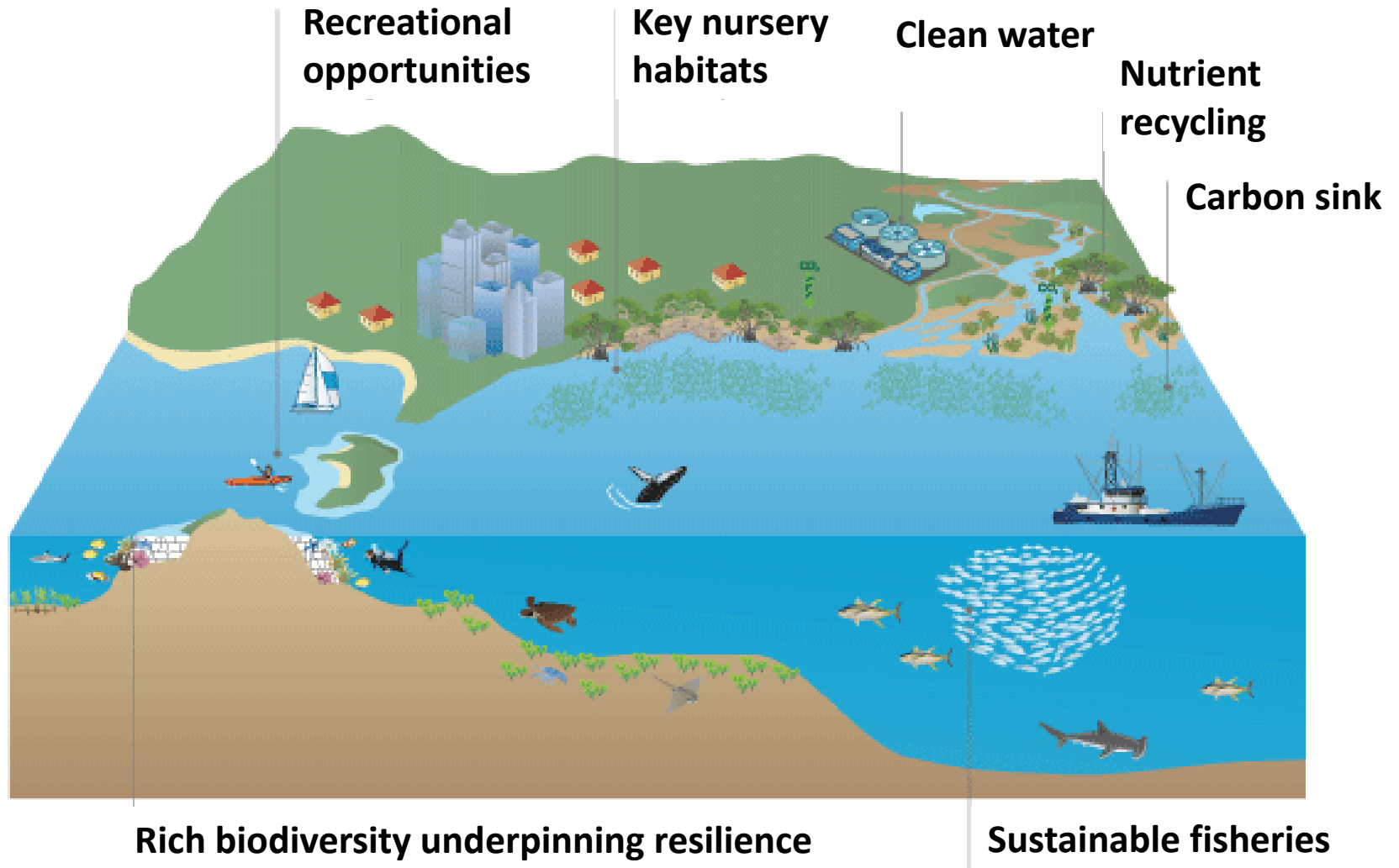


Healthy Oceans and Coasts for Sustainable Development

Mette L. Wilkie

Director
Ecosystems Division

Benefits



Economic value

Global market value of marine and coastal resources and industries: **US\$3 trillion per year** - or about 5% of global GDP



Gross marine product in Western Indian Ocean (WWF 2017): US\$ 334 bn

PRIMARY ASSETS

Marine fisheries	USD 135 bn
Mangroves	USD 43 bn
Coral reefs	USD 18 bn
Seagrass	USD 21 bn

ADJACENT ASSETS

Productive Coastline	USD 93 bn
Carbon Absorption	USD 24 bn

Oceans and the 2030 Agenda



Threats

Direct human impacts

- Unsustainable fisheries
- Pollution – marine litter, nutrients, wastewater, oil spills
- Coastal development (cities, ports, tourism...)
- Offshore infrastructure development
- Mining, oil and gas exploitation

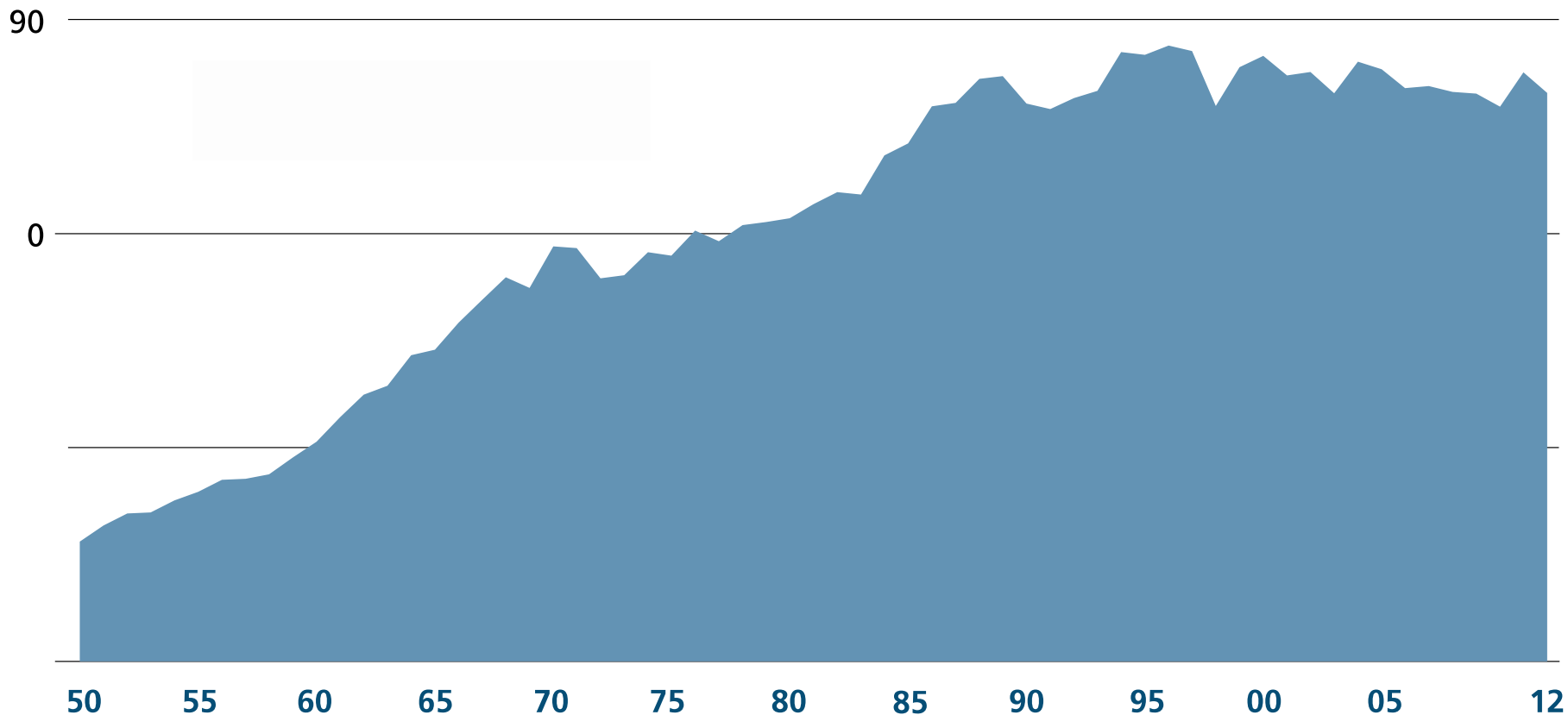
Climate change impacts

- Ocean warming
- Acidification
- Sea-level rise

Increased demand

World capture fisheries production – marine ecosystem 1950-2012

Million tonnes





Overfishing

United Nations
Environment Programme

GLOBAL TRENDS IN THE STATE OF WORLD MARINE FISH STOCKS SINCE 1974



Marine litter

SOURCES OF MARINE LITTER



Cumulative impacts

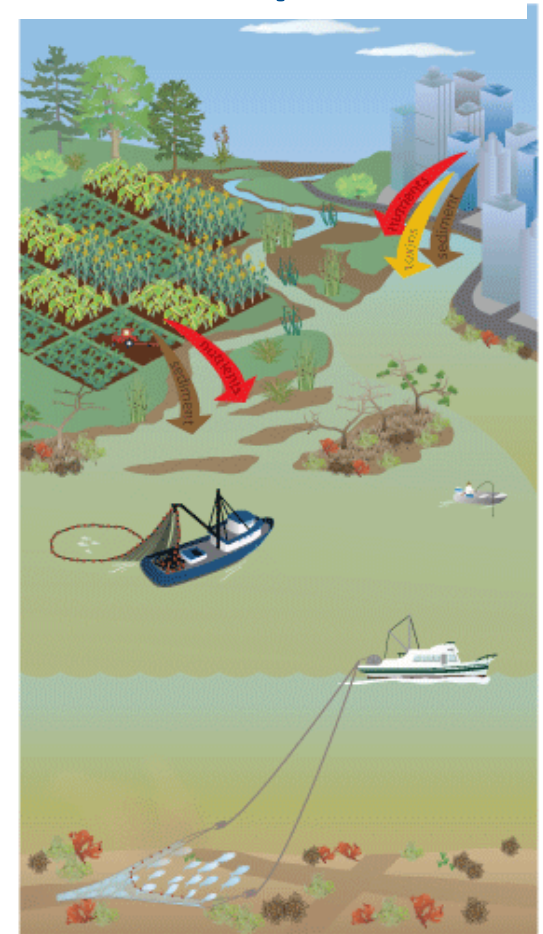
Overfishing



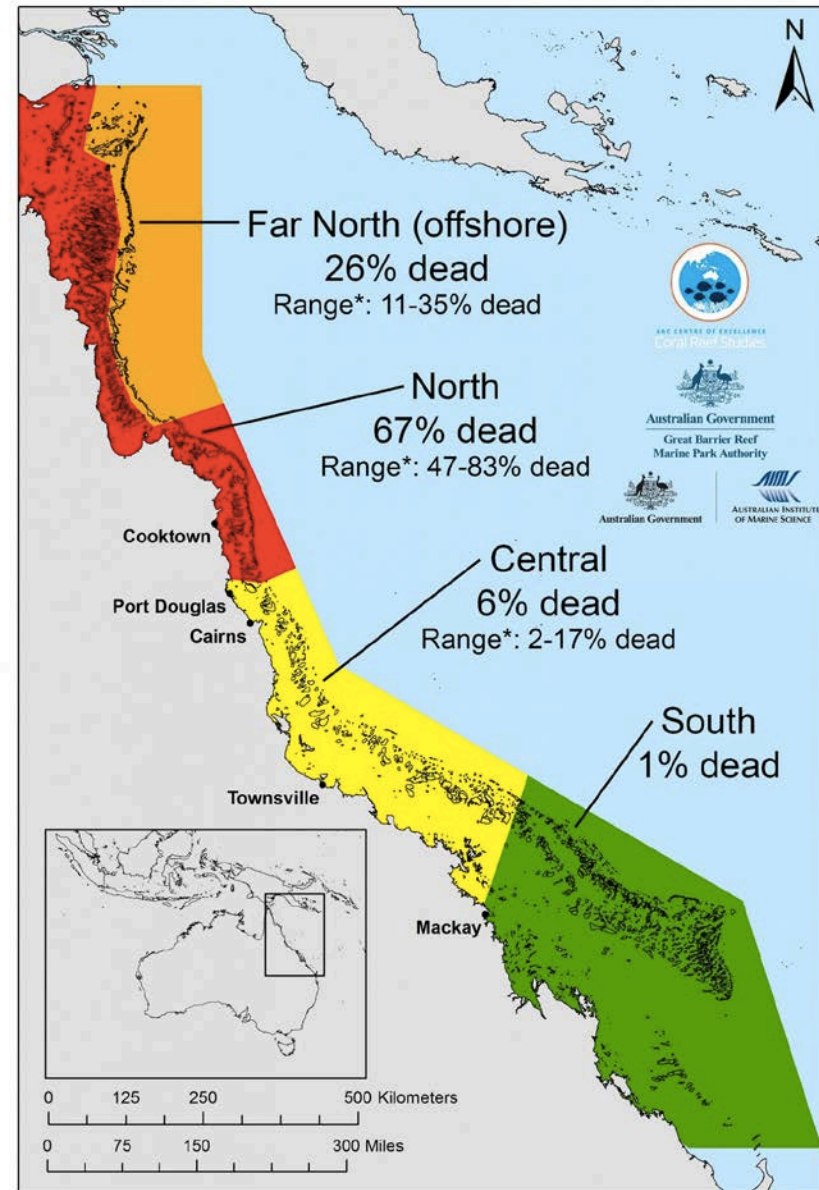
Overfishing + agriculture



Overfishing + agriculture + development



Coral bleaching



Solutions

1. Climate change mitigation and adaption
 - Blue carbon
 - Ecosystem-based climate change adaptation
2. Ocean governance
 - Global, regional and national level
3. Blue Economy
 - Oceans as a vehicle for sustainable development
4. Ecosystem-based management
 - Tools and approaches
5. Behavioural change
 - Private sector, communities, individuals

MAPPING OCEAN WEALTH

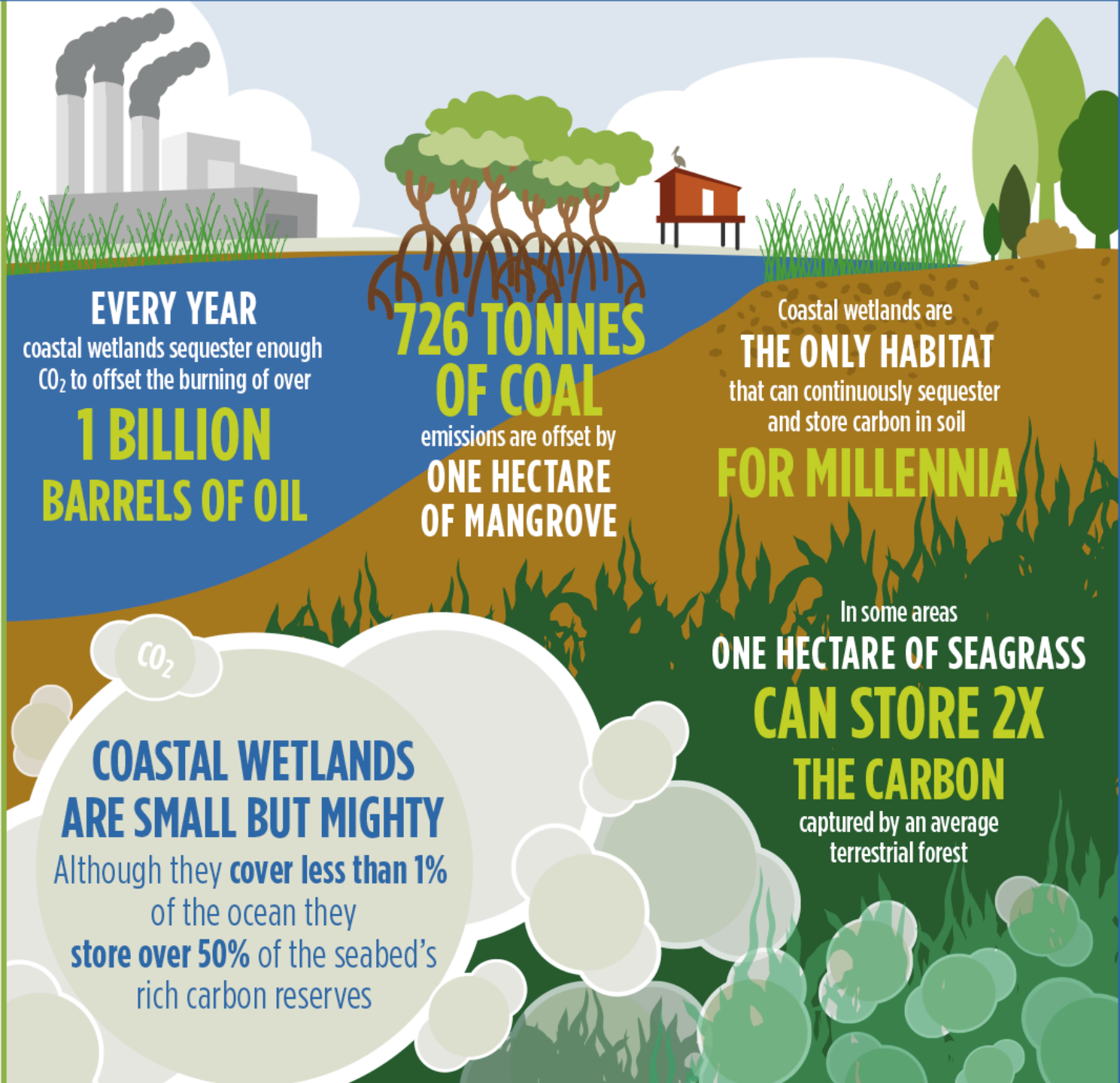
COASTAL BLUE CARBON

Coastal wetlands — seagrass meadows, salt marshes and mangroves — provide one of the most effective natural solutions for carbon capture and long term storage on the planet.

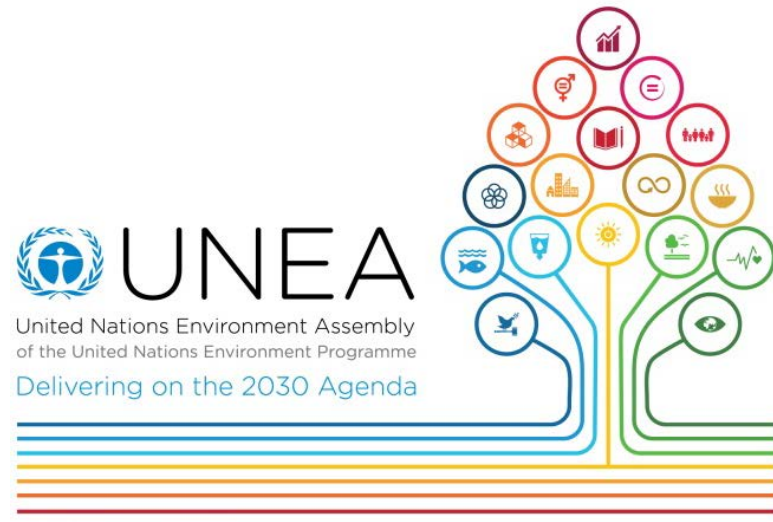
Policymakers, industry and coastal practitioners should begin now to preserve and restore coastal wetlands because of their climate mitigation and market potential for the benefit of local communities and economies.

Mapping Ocean Wealth demonstrates what the ocean does for us today so that we maximize what the ocean can do for us tomorrow.

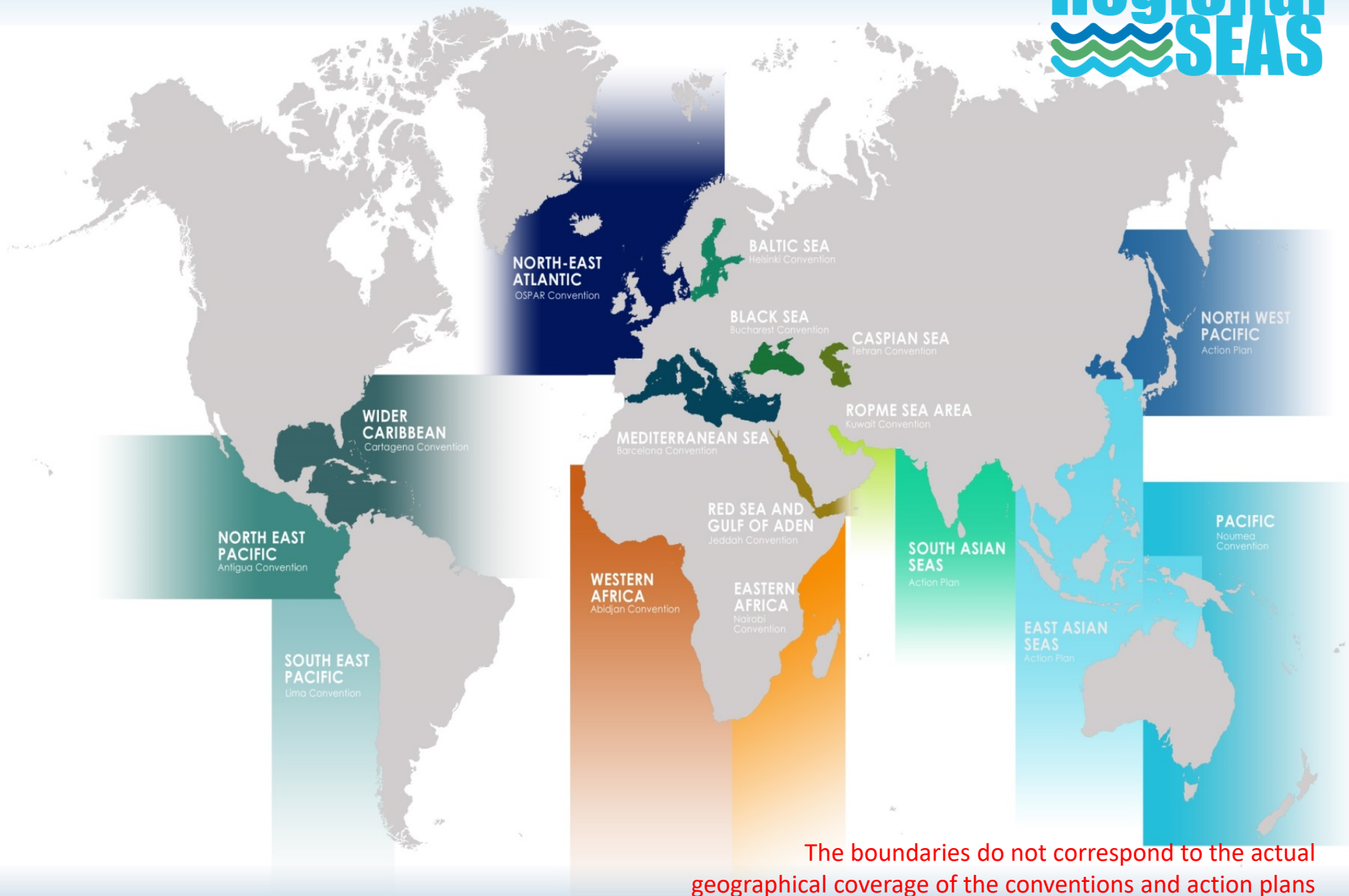
oceanwealth.org @ocean_wealth



Ocean governance



Regional SEAS

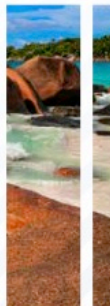
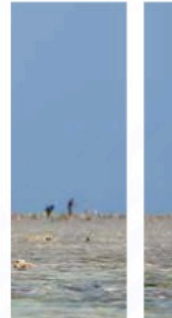


The boundaries do not correspond to the actual geographical coverage of the conventions and action plans



Blue Economy

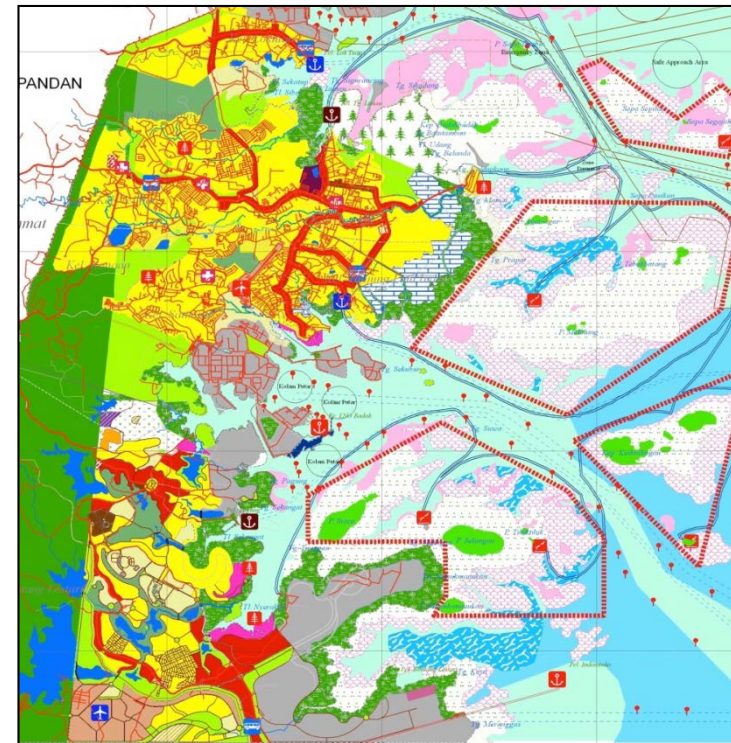
Sharing Success Stories to Inspire Change



Ecosystem-based management

Policies, approaches, tools, capacity development, knowledge management:

- Integrated Coastal Zone Management
- Marine Spatial Planning
- Marine Protected Areas



Behavioural change



Global campaign on marine litter

MISSION:

- Improve plastics management (redesign, reduce)
- Phase-out of microplastics in cosmetics globally
- Drastically reduce single-use plastics



2017 is the ‘ocean’ year – time to act!

- UN Conference on Oceans, June 2017, New York
- “Our Ocean” Conference, October 2017, Malta
- 4th Intergovernmental Review of ‘Global Programme of Action for the Protection of the Marine Environment from Land-based Activities’, October 2017, Indonesia
- 3rd United Nations Environment Assembly – focus on pollution, December 2017, Nairobi

Thank You!



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