



# Coastal Resilience: Where Society Meets the Ocean

Decade Collaborative Center for Coastal Resilience, University of Bologna

Cecilia Bittoni



A scenic view of a beach with the Golden Gate Bridge in the background. The bridge's red towers are visible against a blue sky, with the ocean in the foreground and rocky shorelines on either side.

# MEETING AGENDA

- UN Ocean Decade
  - Challenges and Outcomes
  - Decade Governance Structures
- DCC-CR Mission
- DCC-CR Activities
  - Vision 2030 WP6
  - Cities with the Ocean Initiative and Townhall Event Feb 2024
  - GlobalCoast– Network Mapping
- Get in Touch

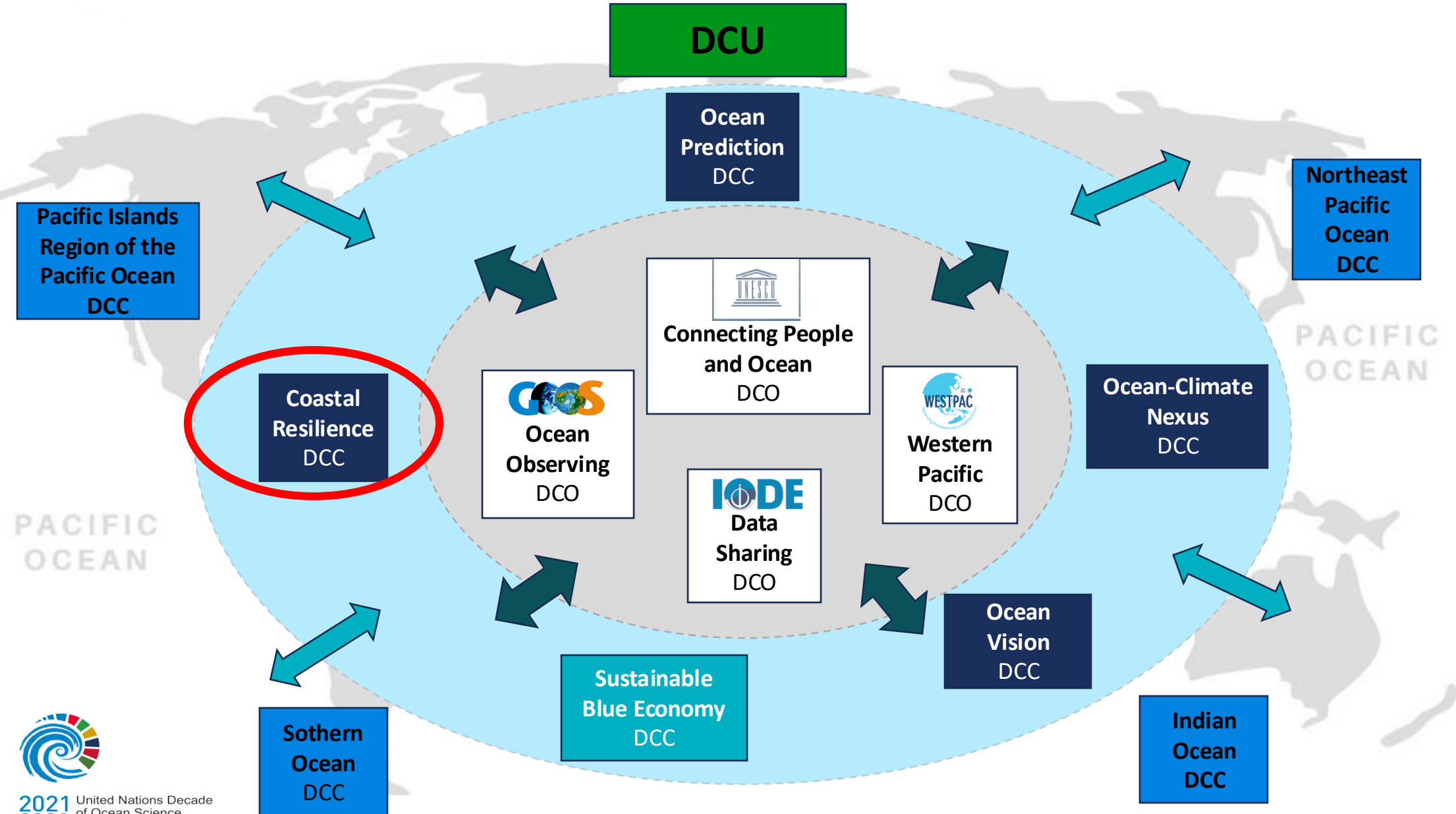


# Ocean Decade Challenges and Outcomes



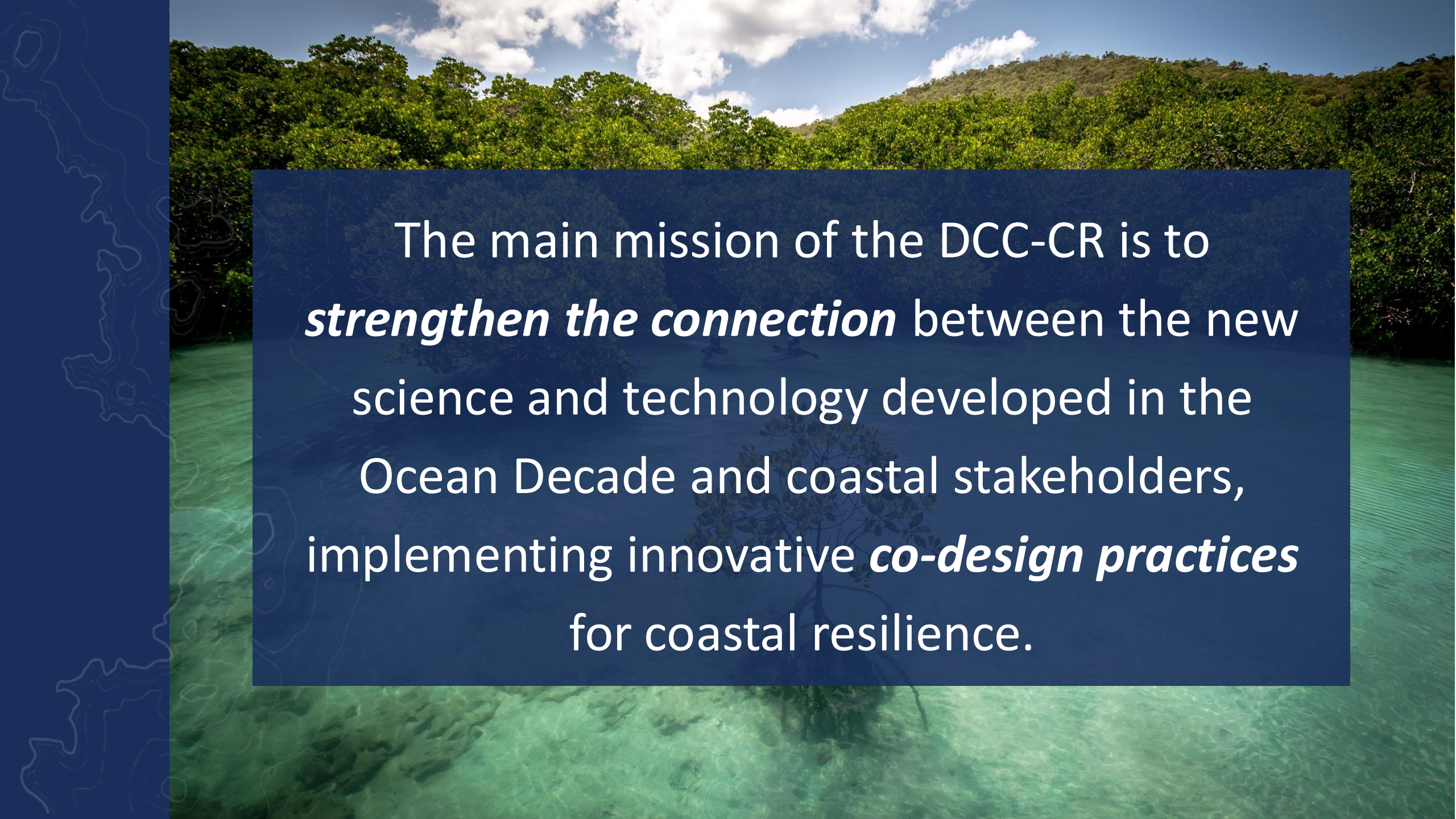
**2021  
2030** United Nations Decade  
of Ocean Science  
for Sustainable Development

# Decade Governance and Coordination Framework



2021  
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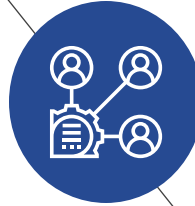


The main mission of the DCC-CR is to  
***strengthen the connection*** between the new  
science and technology developed in the  
Ocean Decade and coastal stakeholders,  
implementing innovative ***co-design practices***  
for coastal resilience.

# DCC-CR's Strategic Objectives



Improve science information  
for all



Enhance stakeholder  
engagement



Promote equitable  
education



Uphold environmental  
justice for coastal  
communities



# Vision 2030 White Paper 6: Increase Community Resilience to Ocean Hazards

Ocean Decade

**Vision 2030**

White Papers

**Challenge 6:**

Increase community resilience  
to ocean hazards



The United Nations  
Decade of Ocean Science  
for Sustainable Development  
**(2021-2030)**



**CO-CHAIRS**

**Nadia Pinardi**, DCC-CR, University of Bologna, Italy

**Srinivasa Kumar Tummala**, DCC- IOR, INCOIS, India

The White paper is now published: download it here



# Vision 2030 WP6- Increase Community Resilience to Ocean Hazards

## Key Outcomes

- Design and implement 'people-centred' multi-hazard early warning systems
- Design and demonstrate innovative adaptation planning strategies

## Challenges

- Adopting a multi-hazard framework involves dealing with complex technologies
- Ocean hazards have important cascading effects not yet fully understood

## Recommendations

- Utilize a risk framework instead of solely relying on a hazard-based approach
- Focus on technologies that remove barriers to rapid innovation uptake

## Expected impacts

- Reconceptualization of challenge 6 within the framework of risk assessment and management strategies
- Establishment of an evaluation matrix to be used to measure and assess progress.



2021  
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for Sustainable Development



UN Decade  
Collaborative Centre  
for COASTAL  
RESILIENCE



Decade Collaborative Centre  
Indian Ocean Region



# Cities with the Ocean – UN Ocean Decade Initiative

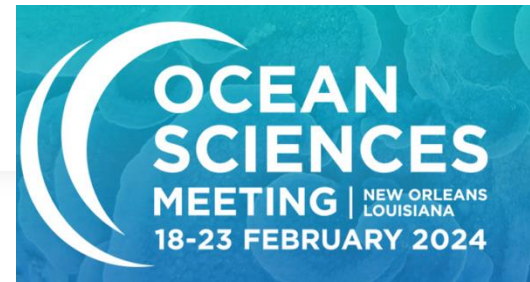


***Mobilizing the Ocean Decade ecosystem to enable coastal cities around the world to take up ocean science and give the ocean a key role in their sustainable development.***

# Cities with the Ocean – UN Ocean Decade Initiative



## A Dialogue on Coastal Cities and Community Resilience

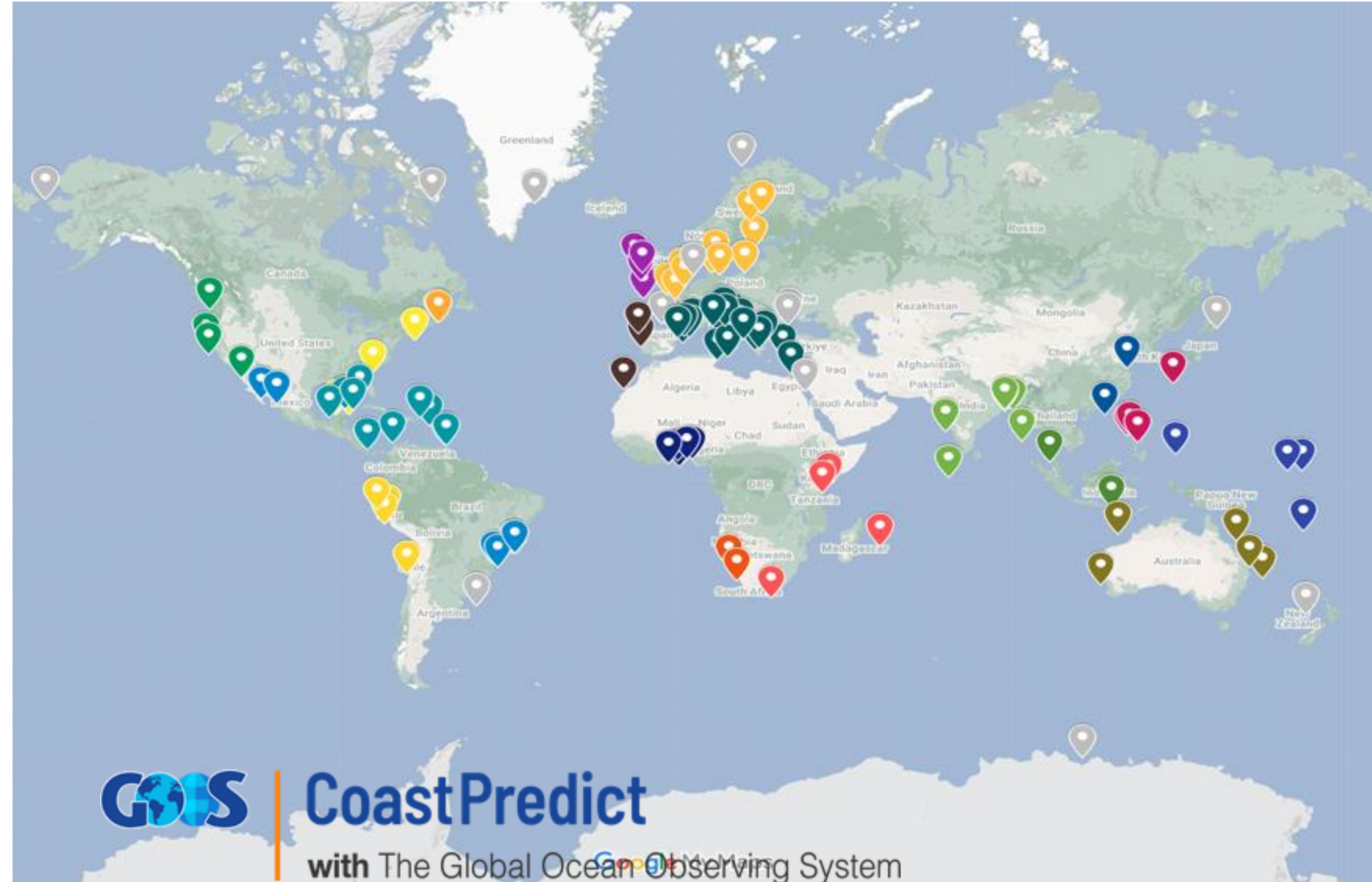


### Outcome

Statement From "a Dialogue on Coastal Cities and Coastal Community Resilience" Town Hall– February 2024

# The Future: Relocatable Solutions for the GlobalCoast Network on the Cloud

**125 Coastal Pilot Sites of the Global Coastal Ocean are ready to demonstrate replicable solutions**





# Get in Touch

DCCs and DCOs network will build the next generation infrastructure for the UNESCO-IOC contribution to the Sustainable Development Goals.



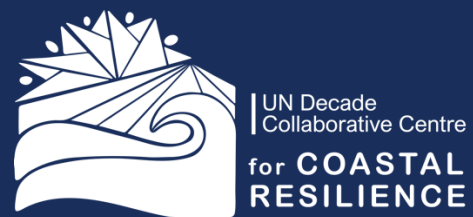
How to **Engage DCC-CR** website

<https://shorturl.at/bhzl9>



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<https://centri.unibo.it/dcc-cr/en>

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@DCC-CoastalResilience



Decade Collaborative Centre for  
Coastal Resilience

The Decade Collaborative Centre for Coastal Resilience is a departmental centre of the University of Bologna and it is funded by the Emilia-Romagna Region.



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