

## Let's talk about marine biodiversity

9<sup>th</sup> June 2025







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### Marine Biodiversity: Why It Matters



- Biodiversity is vital for climate resilience and food security
- Ocean degradation threatens ecosystems and livelihoods
- Time for action: science, technology, and partnerships are key





## 1. Understanding the state of marine biodiversity and the threats



 Climate change, overfishing, pollution: key threats

 Socio-economic impacts on coastal communities

 Global science in action: Azores, Med, Blue-Cloud, NECCTON  Ferries, fishers, floats: new ocean observing tools

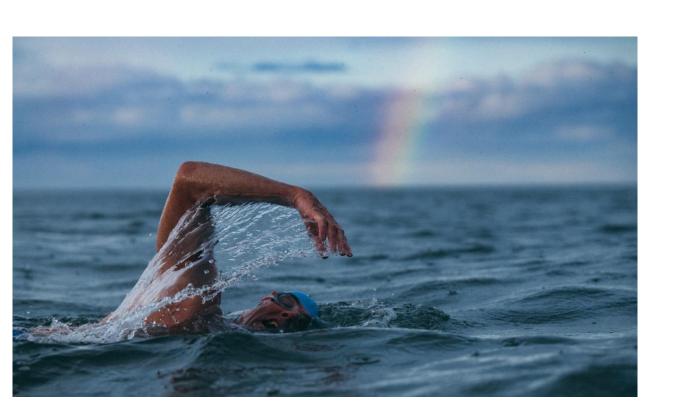
 eDNA and citizen science expand data reach

 BGC-Argo: revolutionizing global ocean observation

# 2. Monitoring life below water – Smarter, Cheaper, Toghether



## 3. Turning Science into Action for Ocean Sustainability



 MBON programme & data flow for impact

 OLAMUR: offshore multi-use aquaculture

Engaging Youth,
Swimming with
Sharks

#### Next Steps: Collaboration for Ocean Health



- Open dialogue: science, policy, and society
- Share insights and build partnerships
- Our collective future depends on a biodiverse ocean



