

European Pavilion  
**Digital  
Ocean**

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# Let's talk about marine biodiversity

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marine biodiversity



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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, Together





### 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



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