

### **Political insight in Marine Protected Areas**

The Future of Marine Spatial Conservation: From Science to Policy

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## How to prevent biodiversity loss?

Preventing biodiversity loss requires:

ecological and scientific action

strong political tools

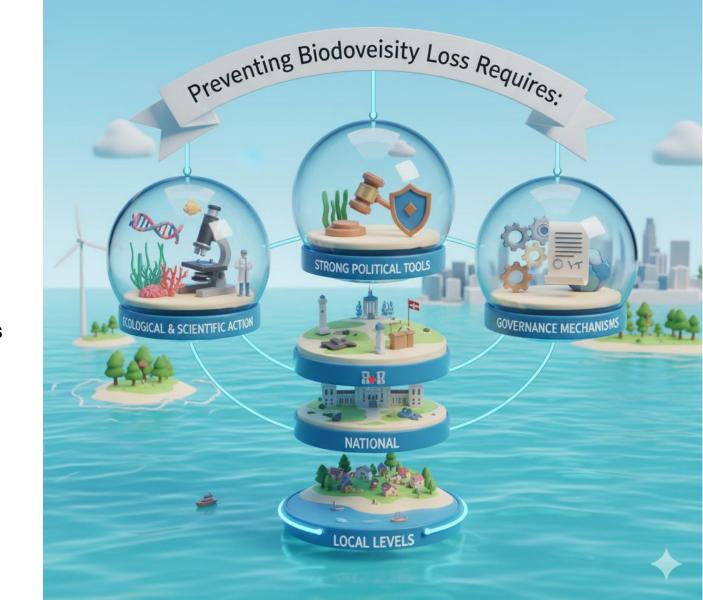
sovernance mechanisms

Work at all levels:

**s** international

**s** national

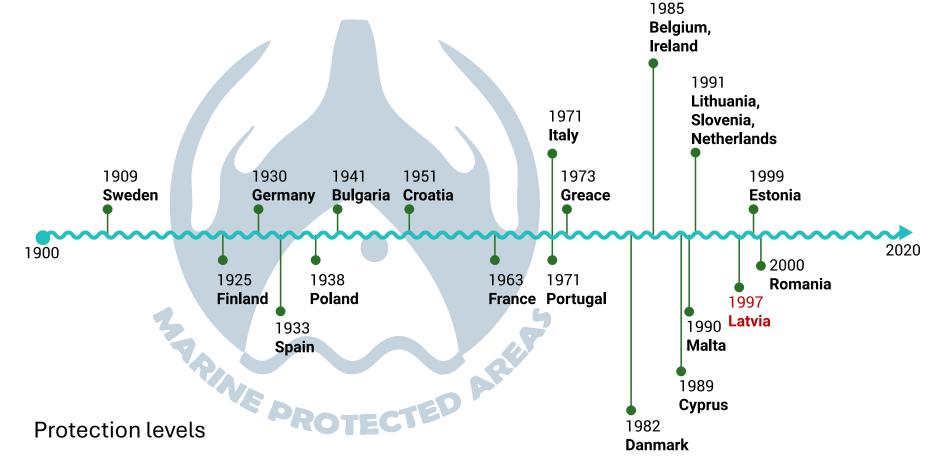
💸 local



### **International Agreements and Conventions**



First Marine Protected Areas designation in each Member State



### **EU** policy I

Birds Directive (1979) & Habitats Directive (1992)

The foundation of the *Natura 2000* network.

Marine Strategy Framework Directive (2008) EU Member States have to

端 assess the **health** of their marine ecosystems

📽 set environmental targets

develop Marine Strategies

Common Fisheries Policy

📽 Fishing quotas

🕰 Closure of sensitive areas

**Technical measures** 

📽 Control of bycatch and reduction of discarded fish

### **EU** policy II

### Funding

- **LIFE** Programme
- European Maritime, Fisheries and Aquaculture Fund (EMFAF)
- Horizon Europe

# Monitoring, enforcement

- **Member States must report every 6 years**
- \* The European Environment Agency coordinates data collection and assessment
- 🕰 Enforcement both national and at EU level

### **EU policy III**

# Ecosystem-based management

The EU policy emphasises ecosystem-based management – marine protection is about habitats, ecological processes and their connections

# Marine spatial planning

📽 Integration of different uses of the sea

Reduction of conflicting uses

**Well-planned protection zones** 

### Other policies

📽 Blue economy

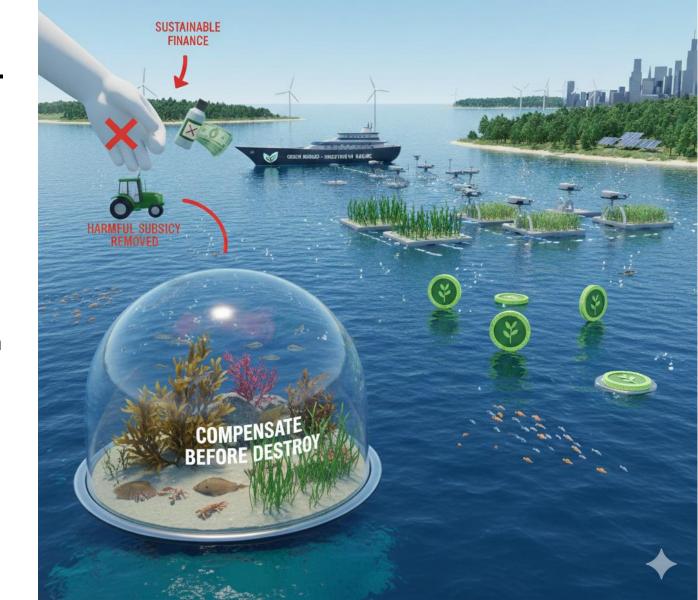
Climate change

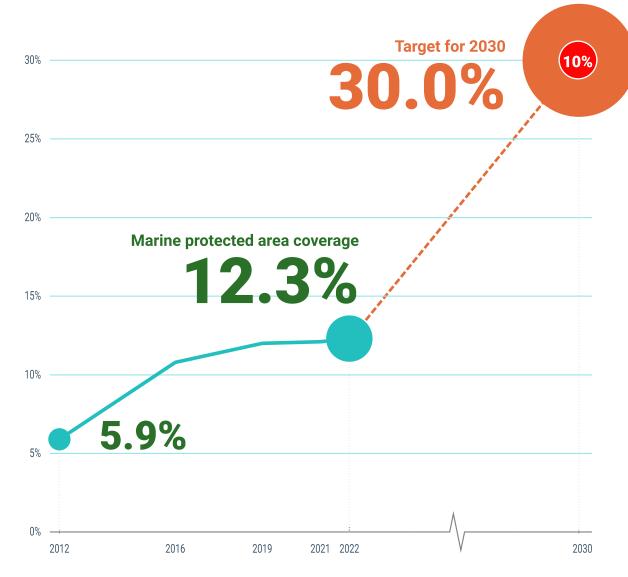
**Solution** 

\* International cooperation

### **Economic and Market- Based Instruments**

- Subsidy reforms removing harmful subsidies (e.g., for intensive agriculture)
- Sustainable finance and green bonds investing in nature-based solutions
- Principle «before destroy or affect, compensate»



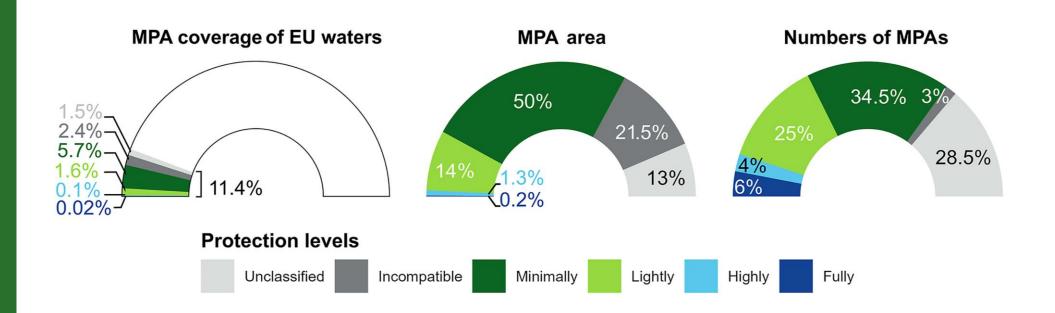


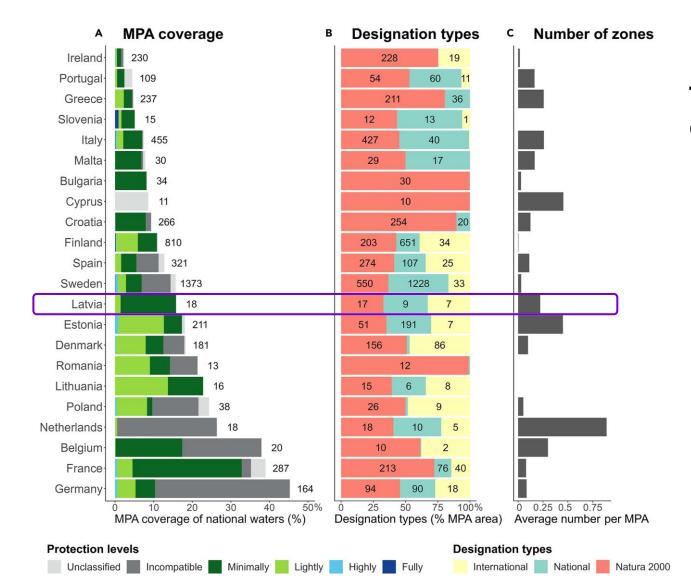
### EU policy – how successful?

**5.9**% in 2012 > **12.3**% in 2022 > **30.0**% in 2030

Many MPAs are "paper parks"

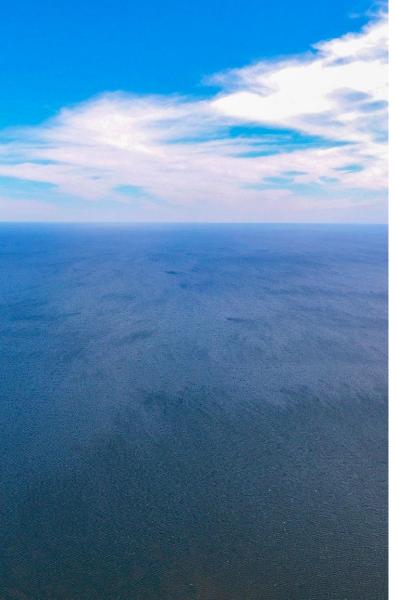
#### **Marine Protected Areas - Protection levels**





# MPA characteristics for each EU coastal country

National designations and earlier designated MPAs show stronger protection levels



### **National Legislation and Policy I**

MPA in Latvia are managed in accordance with:

Law «On Specially Protected Nature Territories» (e.g. *Natura 2000* aspect)

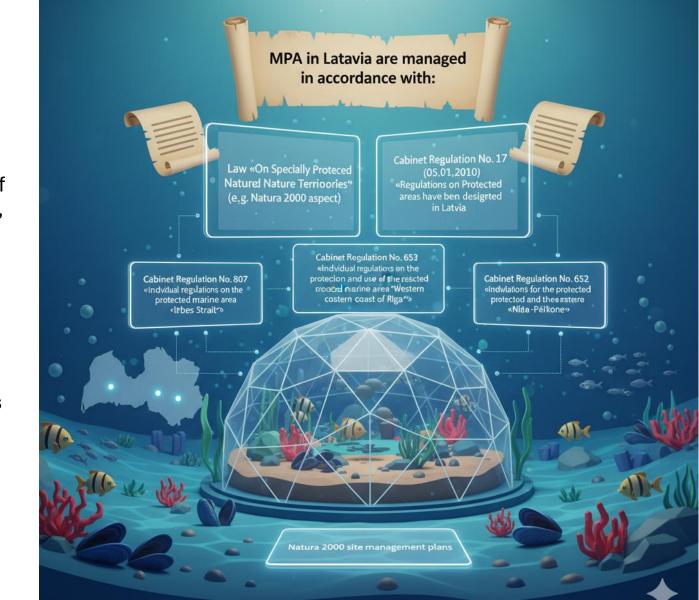
**Cabinet Regulations** 

- No 17 «Regulations on Protected Marine Areas» 7
  protected marine areas have been designated in Latvia
- No 807 «Individual regulations on the protection and use of the protected marine area «Irbes Strait»»
- No 653 «Individual regulations on the protection and use of the protected marine area «Western coast of the Gulf of Riga»»
- No 652 «Individual regulations for the protection and use of the protected marine area «Nida-Pērkone»»

💸 Natura 2000 site management plans

## National Legislation and Policy II

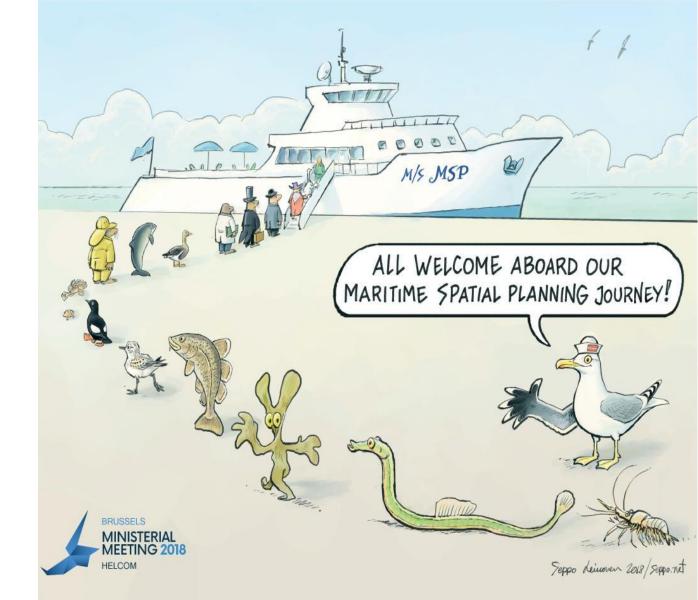
- Law on the Conservation of Species and Biotopes (e.g., endangered species protection)
- Environmental impact assessment (EIA) requirements for development projects
- 📽 Land-use planning policies
- Agri-environmental schemes (forestry and agricultural policies)
- 🗱 Fishery policy



#### **Challenges for Latvia**

#### The positive signs:

- identified important sites and improved knowledge
- scientific and institutional capacity
- comunnication and cooperation between sectors



### **Challenges for Latvia**

- **Well-located and well-managed refuges**
- MPAs must be complemented by broader measures

### **Strong**

- management
- monitoring
- data collection
- adapting management





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