



**NETBIOME-CSA**

STRENGTHENING EUROPEAN RESEARCH COOPERATION FOR SMART  
AND SUSTAINABLE MANAGEMENT OF TROPICAL AND SUBTROPICAL BIODIVERSITY  
IN OUTERMOST REGIONS AND OVERSEAS COUNTRIES AND TERRITORIES

# ASSETS AND OPPORTUNITIES OF BIODIVERSITY RESEARCH IN EUROPEAN OVERSEAS

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## **Boosting Biodiversity Research Cooperation**

A NetBiome Roadmap for European (sub)Tropical Overseas

6 April 2016, European Parliament, Brussels

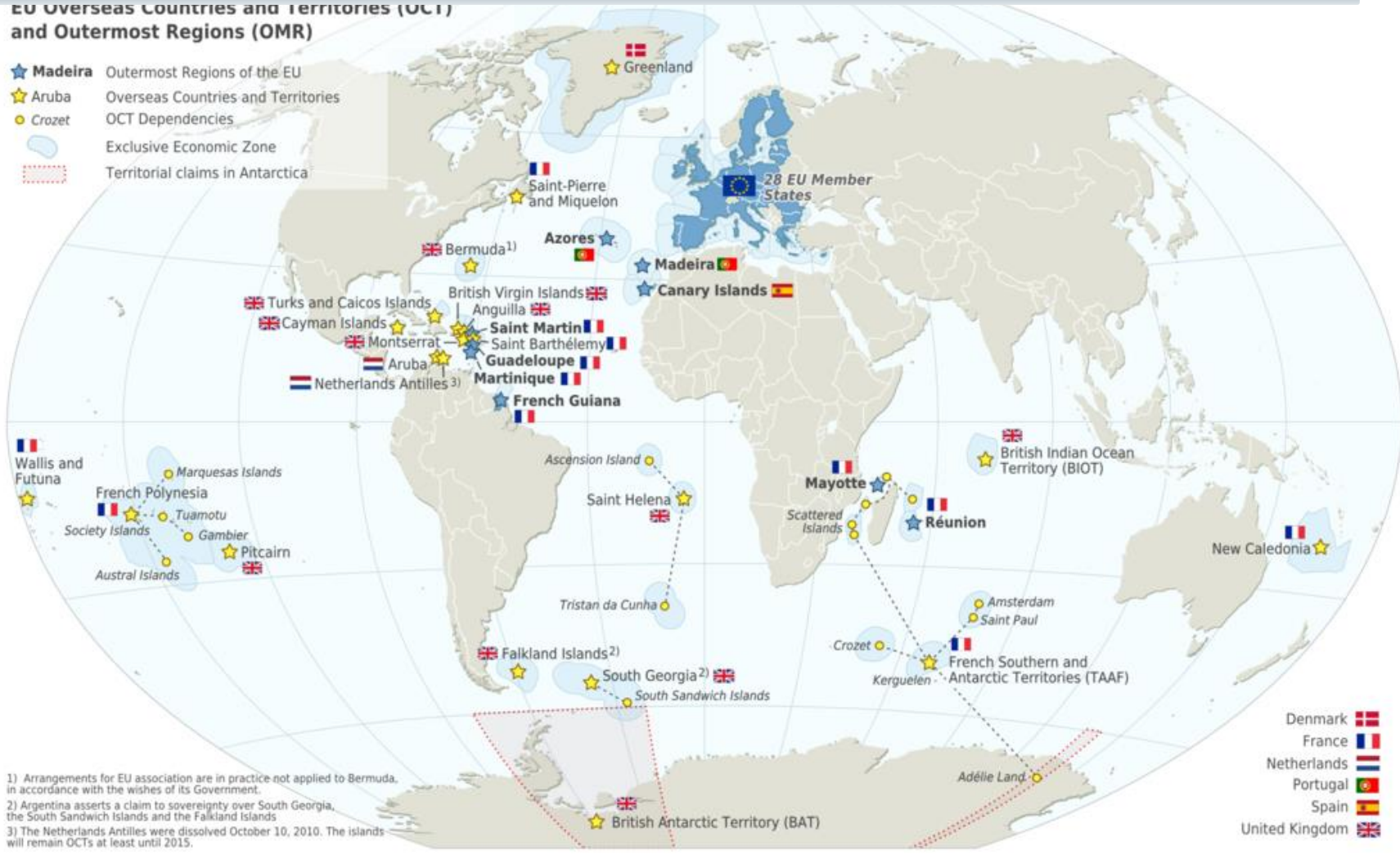
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# Biodiversity in the ORs and OCTs

## EU Overseas Countries and Territories (OCT) and Outermost Regions (OMR)

- ★ **Madeira** Outermost Regions of the EU
- ★ **Aruba** Overseas Countries and Territories
- **Crozet** OCT Dependencies
- Exclusive Economic Zone
- Territorial claims in Antarctica



1) Arrangements for EU association are in practice not applied to Bermuda, in accordance with the wishes of its Government.  
 2) Argentina asserts a claim to sovereignty over South Georgia, the South Sandwich Islands and the Falkland Islands  
 3) The Netherlands Antilles were dissolved October 10, 2010. The islands will remain OCTs at least until 2015.

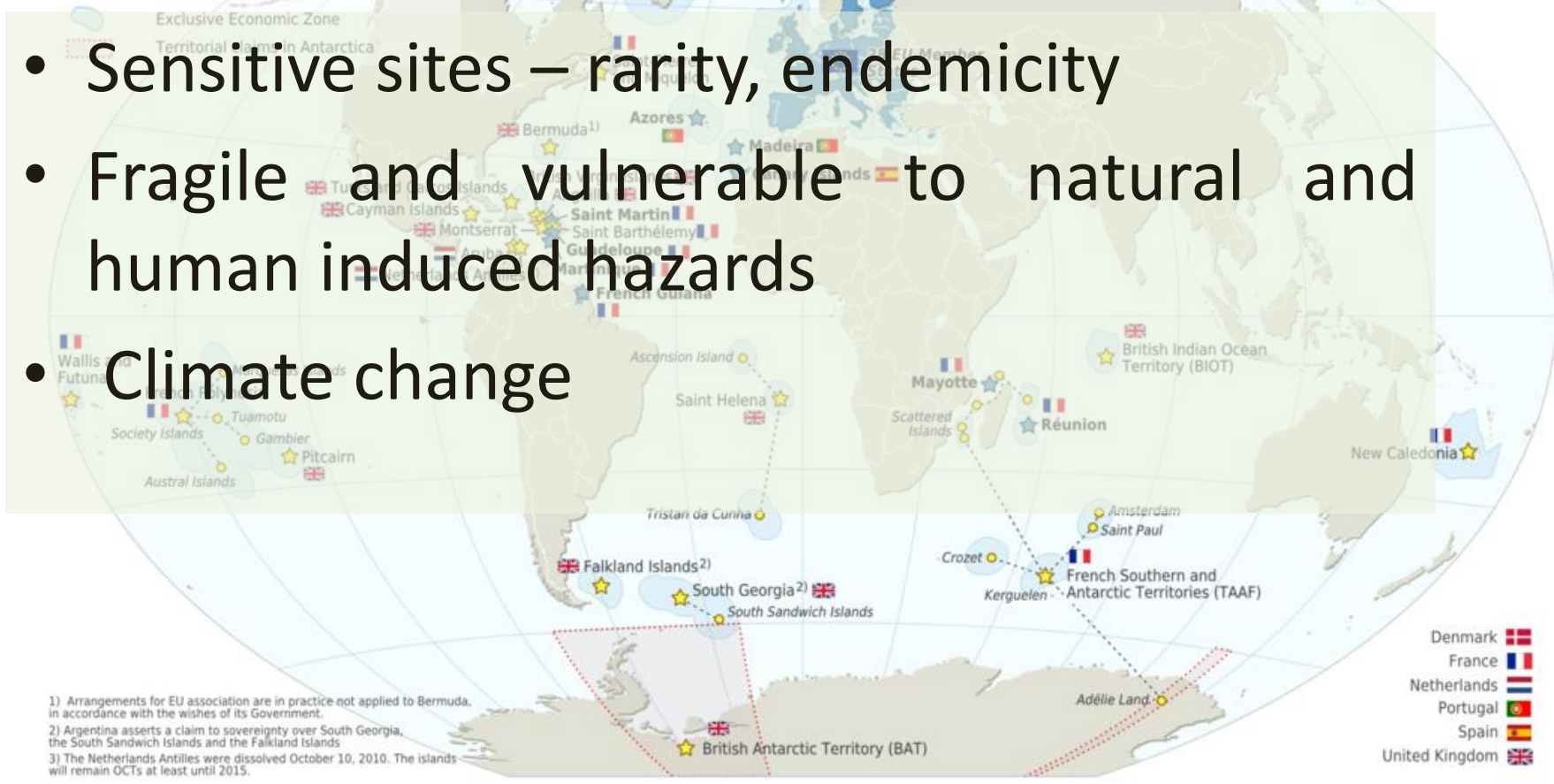
- Denmark 
- France 
- Netherlands 
- Portugal 
- Spain 
- United Kingdom 



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- Sensitive sites – rarity, endemism
- Fragile and vulnerable to natural and human induced hazards
- Climate change

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# Biodiversity in the ORs and OCTs

## EU Overseas Countries and Territories (OCT) and Outermost Regions (OMR)

- Forests, mountains, coastal, marine and estuarine ecosystems, alien and invasive species are priority topics
- Priorities should be addressed in close connection with socioeconomic activities



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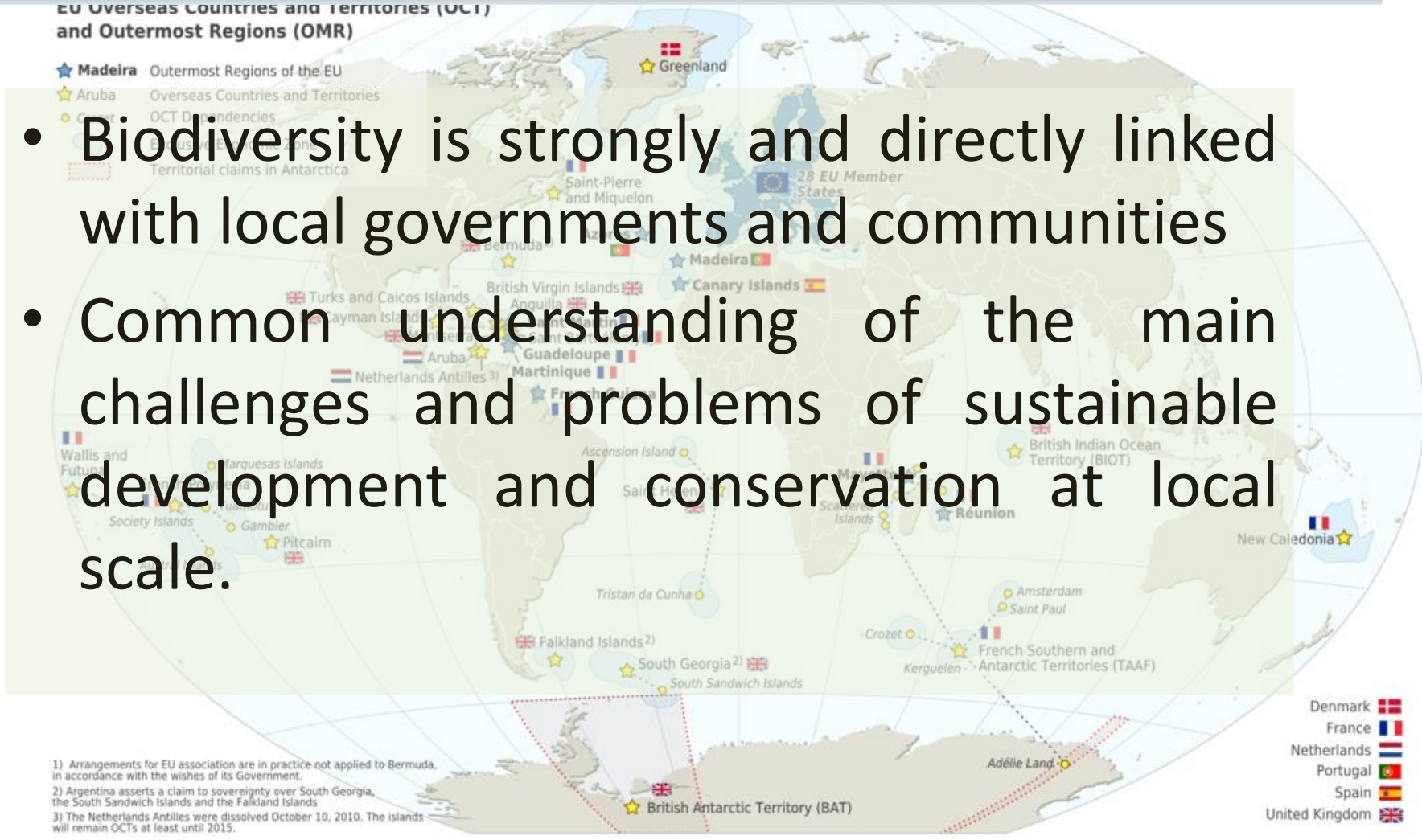


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- Biodiversity is strongly and directly linked with local governments and communities
- Common understanding of the main challenges and problems of sustainable development and conservation at local scale.

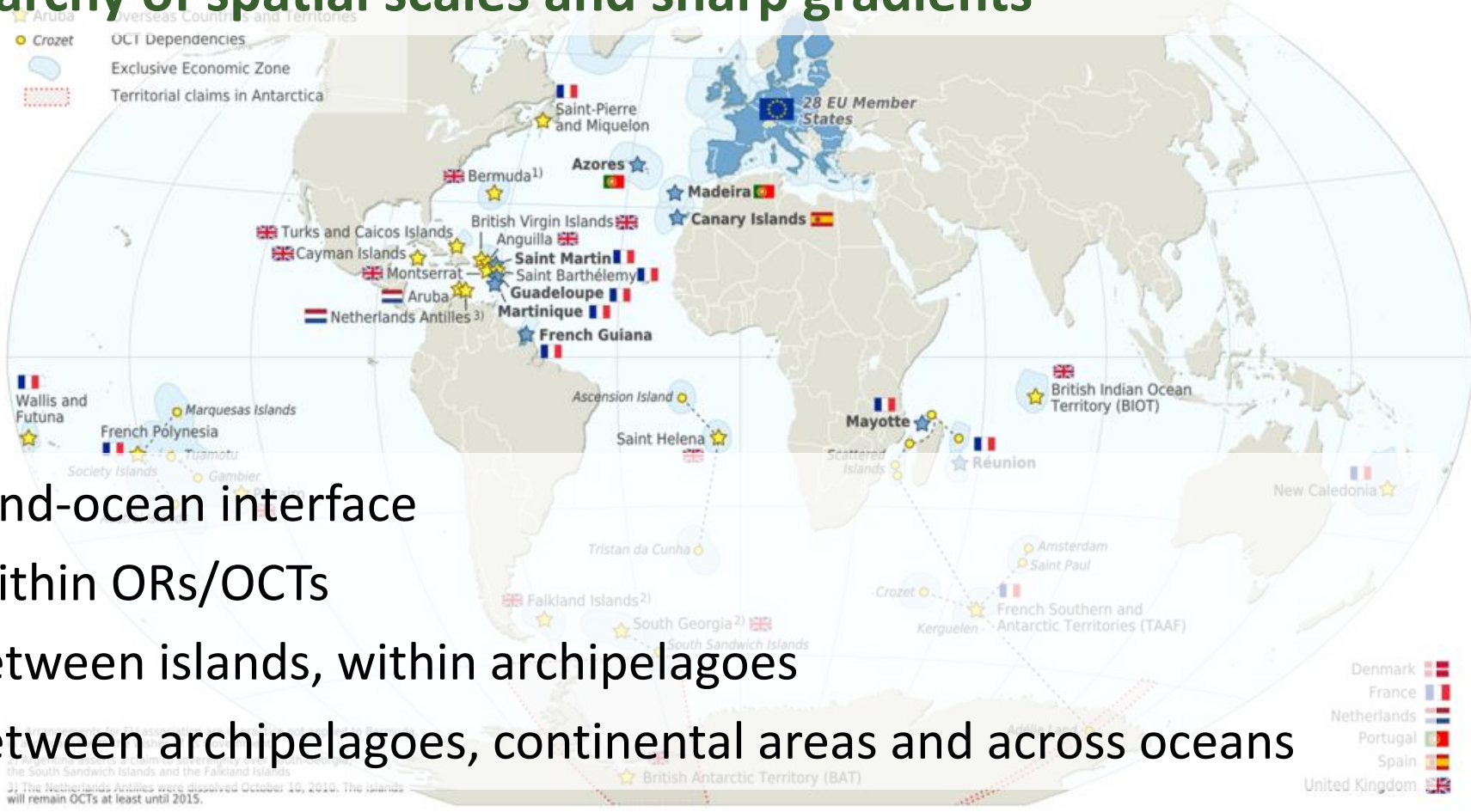


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**EU Overseas Countries and Territories (OCT)  
and Outermost Regions (OMR)**

# Hierarchy of spatial scales and sharp gradients



- Land-ocean interface
- Within ORs/OCTs
- Between islands, within archipelagoes
- Between archipelagoes, continental areas and across oceans



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- **Tractable size**
- **Diversity of policy and management regimes**
- **Existing diversity of management models and experiences**
- **Diverse human pressure situations**
- **Locally adapted practices of using and managing biodiversity**

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## Biodiversity

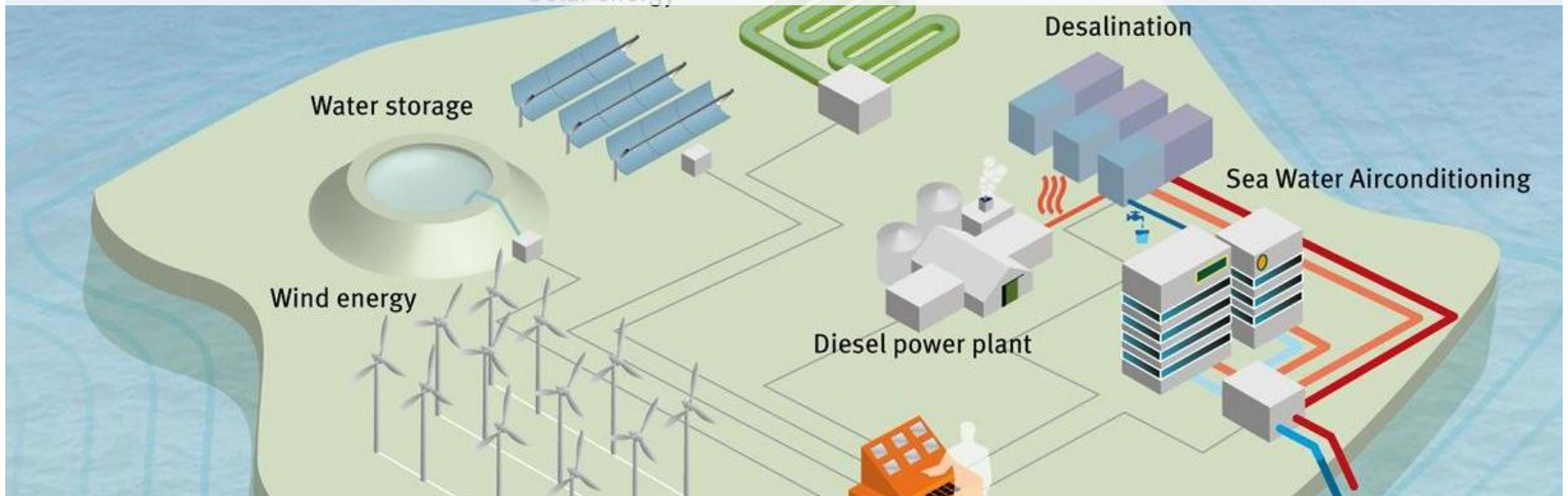
Complex evolutionary patterns, linked to isolation and geological history, unparalleled in continental areas





## Pilot studies

# Testing new tools and approaches for adaptive management



ORs and OCTs can be test systems for the efficacy of policy innovations and interventions. Demonstration projects, e.g. on renewable energy or water quality management can be developed

## Novel bioproducts and biotechnological applications



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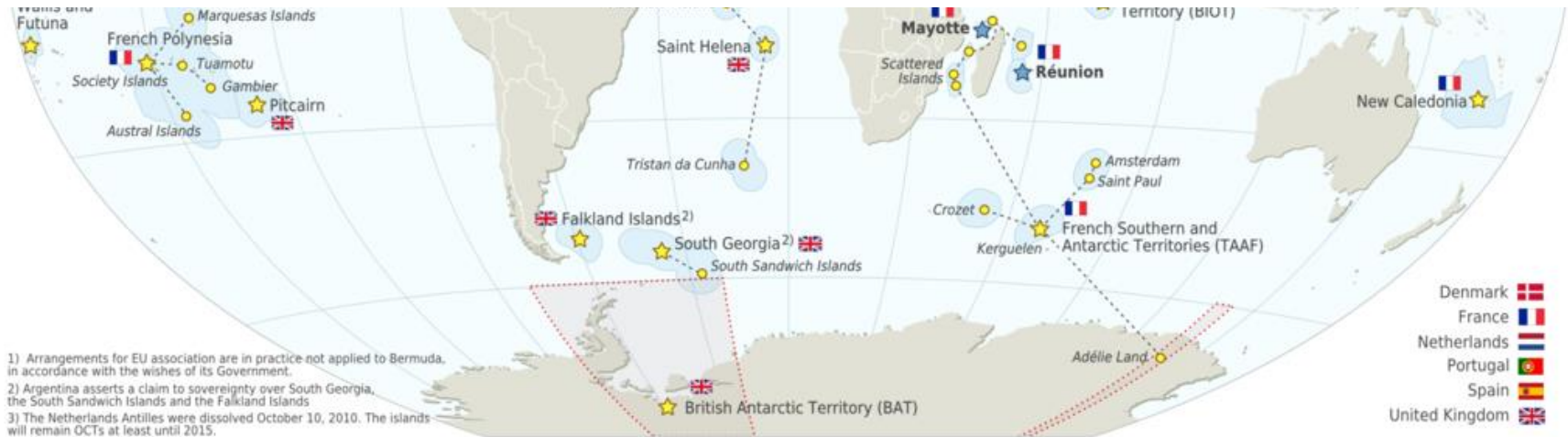


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## Research that can ONLY be done over a network



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