



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

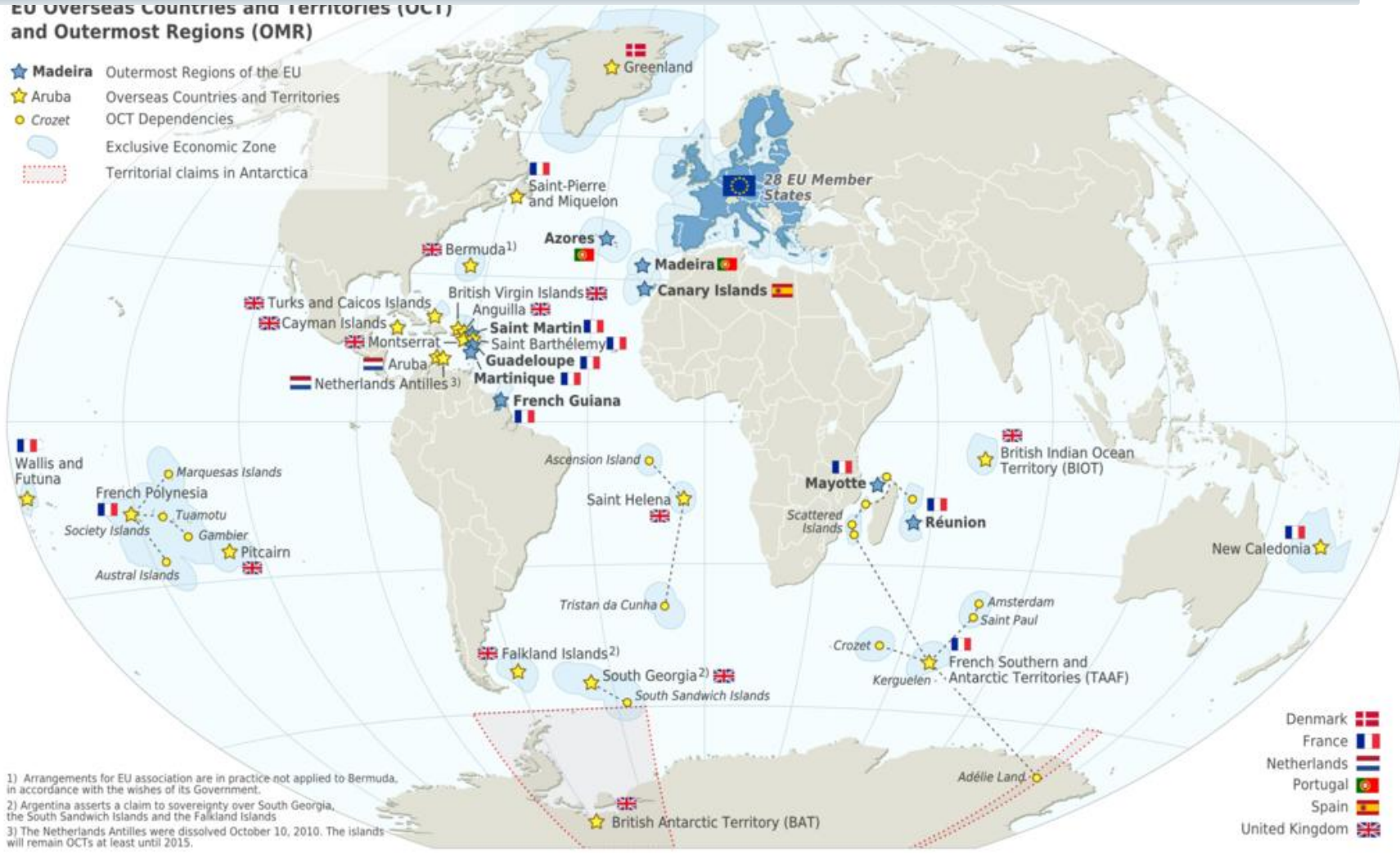
António D. Abreu



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.

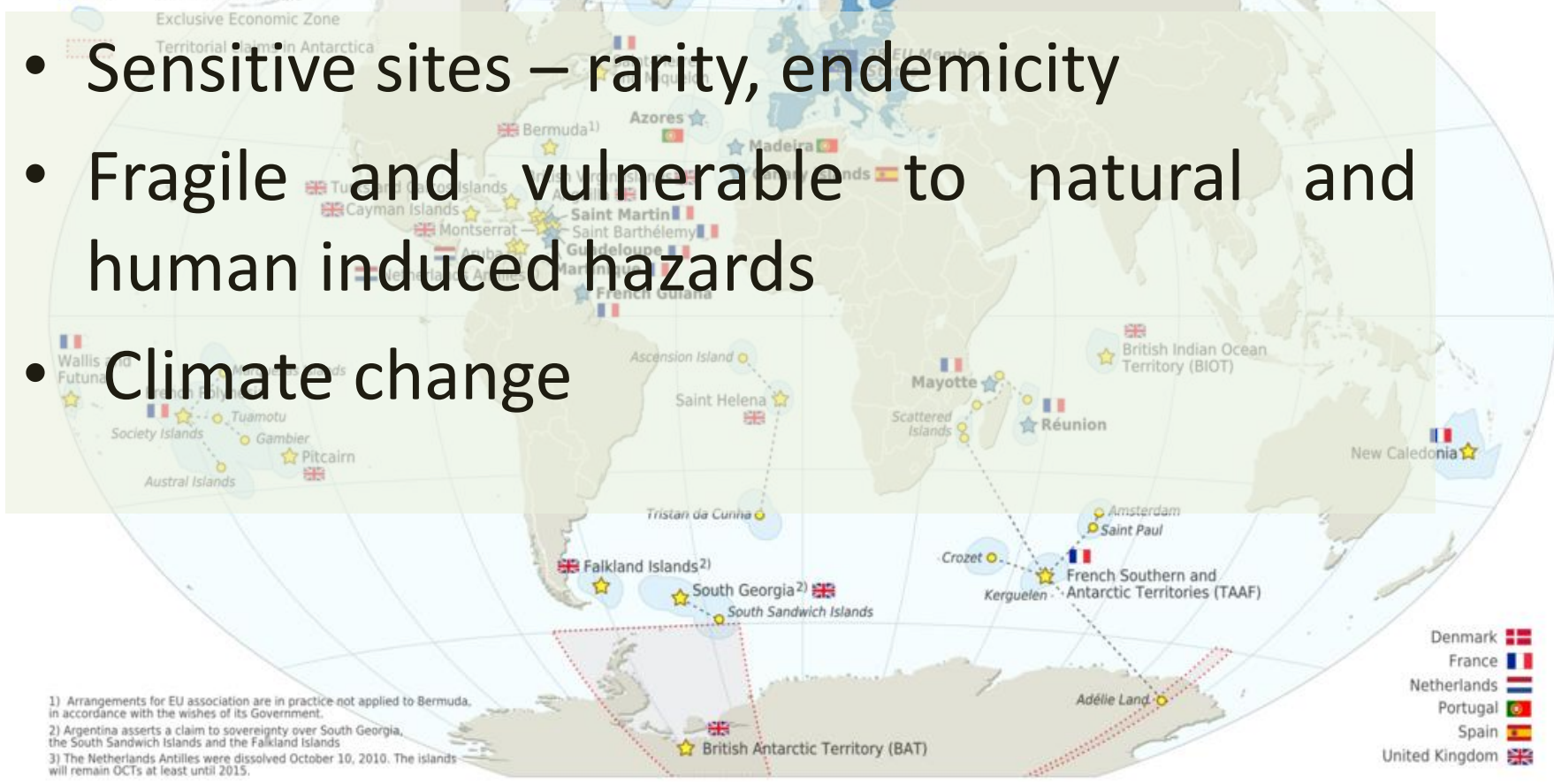
- Denmark 
- France 
- Netherlands 
- Portugal 
- Spain 
- United Kingdom 



Biodiversity in the ORs and OCTs

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



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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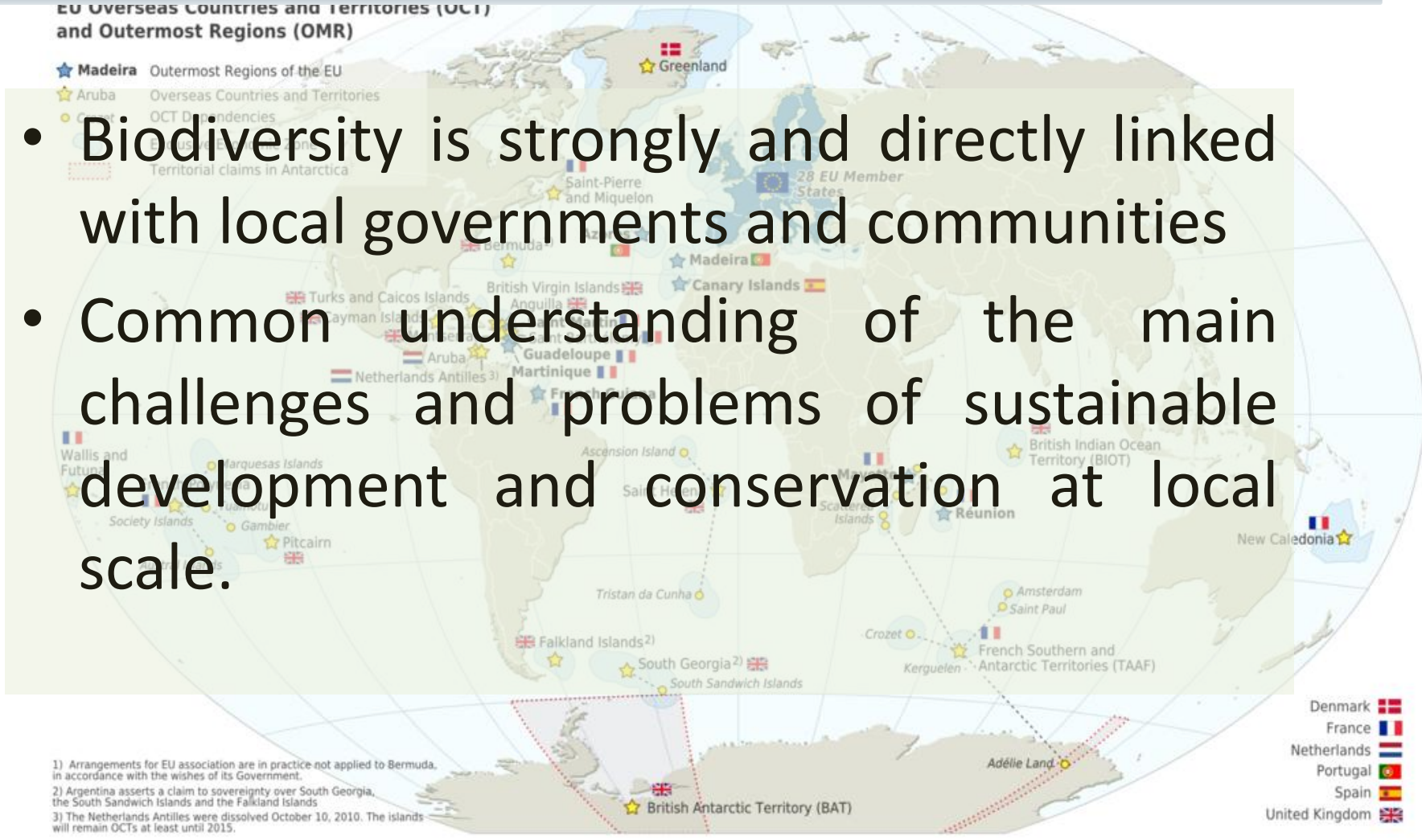


Biodiversity in the ORs and OCTs

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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.

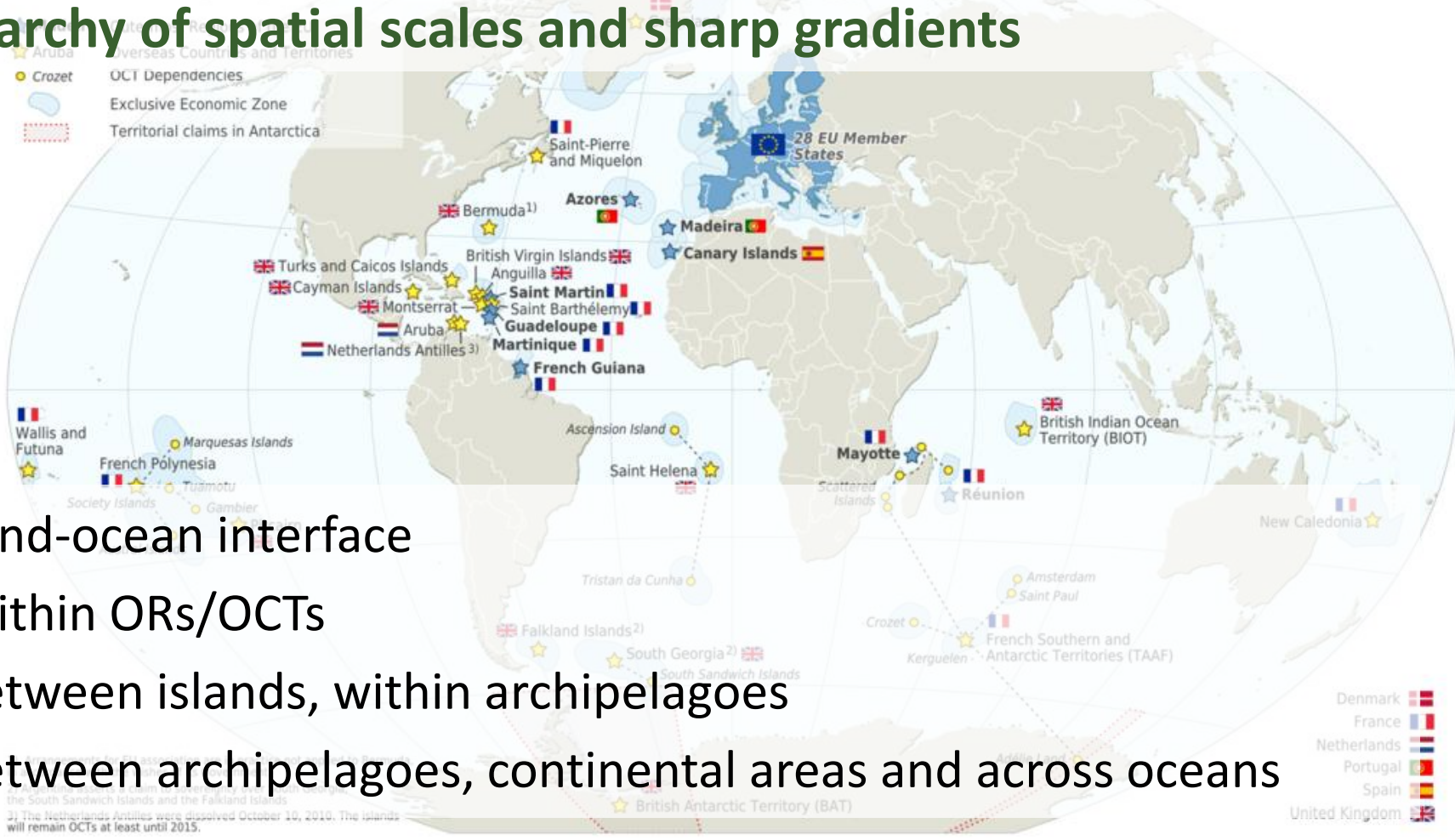


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EU Overseas Countries and Territories (OCT) and Outermost Regions (OMR)

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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and Outermost Regions (OMR)**

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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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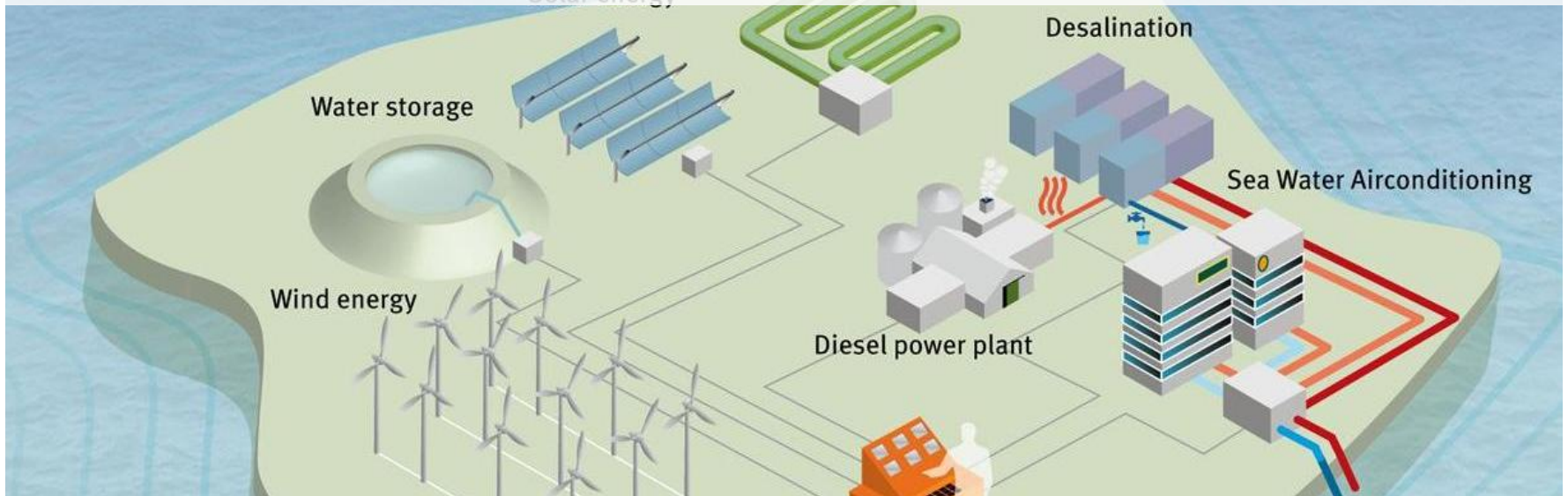
Biodiversity

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

Boosting Biodiversity Research Cooperation

A NetBiome Roadmap for European (sub)Tropical Overseas

6 April 2016, European Parliament, Brussels

This project has received funding from the European Union's Seventh Programme for research, technological development and demonstration under **Grant Agreement Number: 603710**. This presentation only reflects the views of the author's(s), and the European Union cannot be held responsible for any use which may be made of the information contained therein.



Novel bioproducts and biotechnological applications



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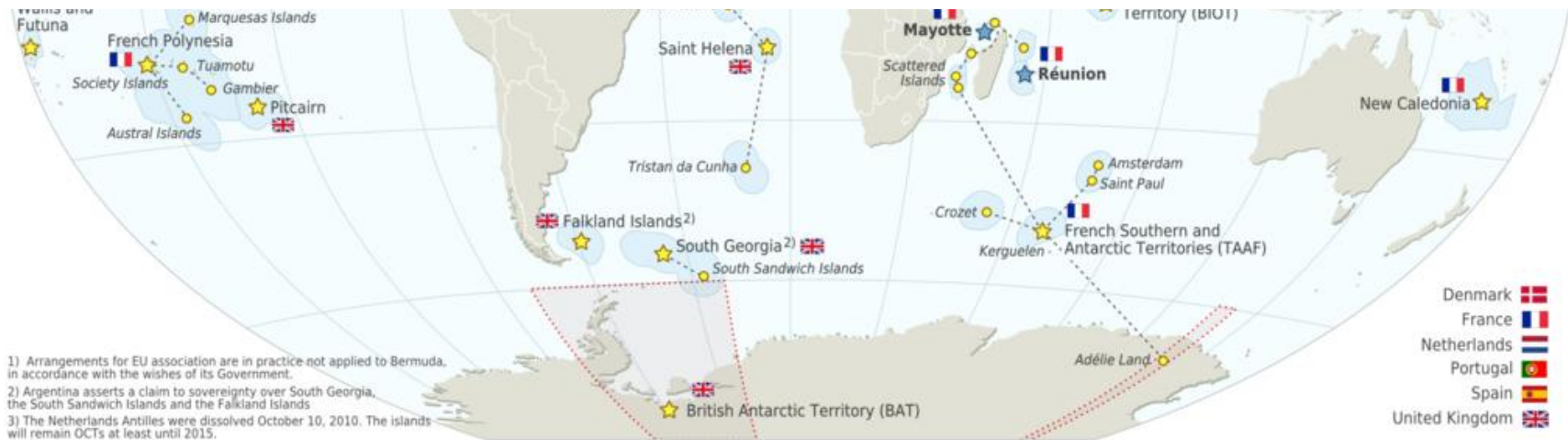


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Research that can ONLY be done over a network



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