



NETBIOME-CSA

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

Building research partnerships: The birth of NetBiome

Josiane Irissin-Mangata

Boosting Biodiversity Research Cooperation

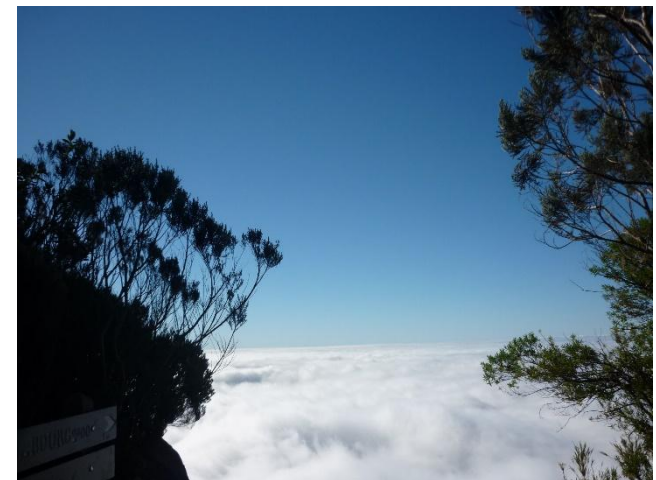
A NetBiome Roadmap for European (sub)Tropical Overseas

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.



- ORs and OCTs biodiversity is exceptional (several hotspots, 80% of European endemic species)
- Their environments are more fragile and threatened by global changes and human activities than continental Europe
- Biodiversity is fundamental for ORs and OCTs social, cultural and economic development



Need of science-based action plan adapted to the high specificity and distinct questions in comparison with continental Europe:

- Tropical and subtropical biogeographical areas
- Isolation and fragmentation
- Limitation in the territories (size for islands, high population densities; higher vulnerability; simplified economies)

A research programme up to the task
(great opportunities based on overseas unique assets)



Solutions to fragmented research and poorly integrated in ERA

- BioRUP, article 169 (attempted top-down initiative), 2002
- Decisive events towards a « bottom-up » initiative:
 - Expression of Interest « Mabiorup », 2002
 - « Biodiversity and Agriculture », 2002, Canary Islands
 - « Biodiversity: Science and Governance », 2005, Paris
 - « ORs and research », 2005, Madeira
- **Opportunity of the ERANet tool (last call for proposals under FP6, 2005)**

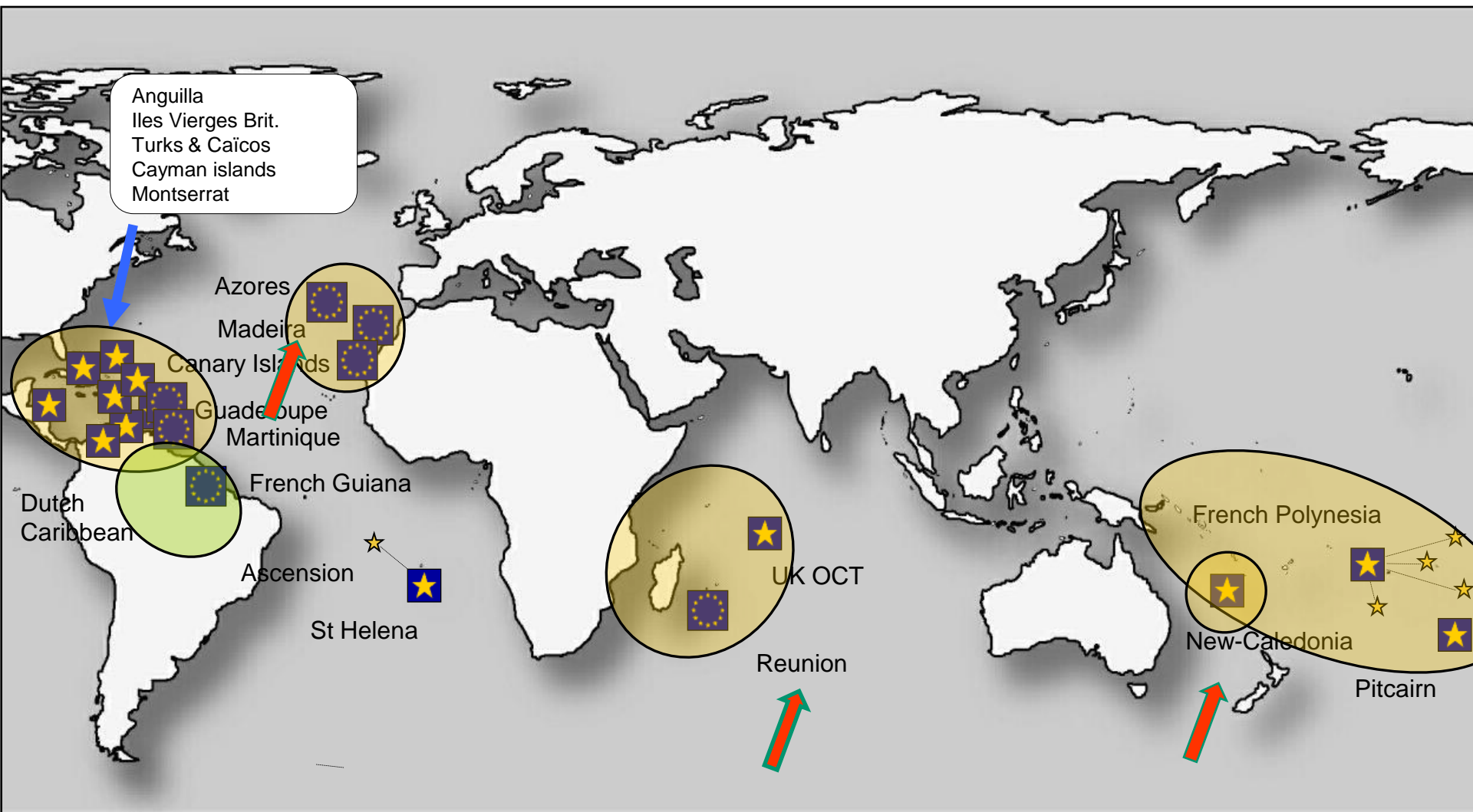


NETworking tropical and subtropical **BI**odiversity research of **OuterM**ost regions and territories of **E**urope in support of sustainable development

Coordination of regional research policies for biodiversity management in support of sustainable development

The first and still unique regional ERANet: ORs and most of the OCTs from (sub)tropical areas (11 partners from 5 countries)

Net-Biome partnership gathering local authorities from ORs and OCTs and many realities and assets ...



Biodiversity Hotspot
 Main Forest area
 World Heritage Site of Unesco

 OR

 OCT

Unite actors from different cultures, countries and regions towards research for **biodiversity management in support of sustainable development**

Deliver and integrate research outputs in regional development models



Actions

- Coordinate research efforts in ORs and OCTs
- Mobilize bottom-up expertise on local research needs and promote Science-Policy interactions
- Design and implement a shared research strategy for (sub)tropical biodiversity management in support of sustainable development
- Promote visibility and acknowledgment of the key role of overseas regions and territories
- Improve research governance

Achievement

- Demonstrate the capacity to implement joint activities



Towards Biodiversity Management in support of Sustainable Development in Tropical and Subtropical European Union

- A. The use, evaluation and valuation of biodiversity and the services and resources it provides, underpinning the sustainable use of natural resources
- B. Improving spatial planning and coastal zone management in order to support the sustainable management and use of biodiversity
- C. Characterising biodiversity and the drivers of its evolution in a way that will enhance local capacity and improve policy decision-making

Through interdisciplinary cooperation (integration or focus on human & social sciences)



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- Most projects driven by overseas teams, 3 years (2012-2015)
- 52 research teams involved
- 10 funding partners including 2 national funding agencies and 8 Net-Biome partners (own funds)
- 3.5 M€ virtual common pot, more than 7 M€ total costs of the funded projects
- 20% success rate: **7 projects funded** out of 35 submitted
- Final meeting on the 5th of April 2016



Unique example of a research network built by and for the overseas

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