

**NET-BIOME: a regional initiative of Overseas
towards the integration of knowledge in biodiversity
management in support of sustainable development**

*Pacific Economic Cooperation Council Seminar
« Sustainable management of Marine Resources »
22-25 November 2011, Noumea - New-Caledonia*

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Presentation proposed

- Background & main features
- Objectives
- Achievements
(First Research Joint call)
- Ongoing activities and prospects
(Crucial sustainability issue)



BACKGROUND & MAIN FEATURES

Overseas present situation

- High level of Biodiversity with a huge marine dimension
- High vulnerability to climate change, human activities and natural hazards
- Sustainable development is highly dependent on biodiversity
- Current research is highly fragmented and often not recognized

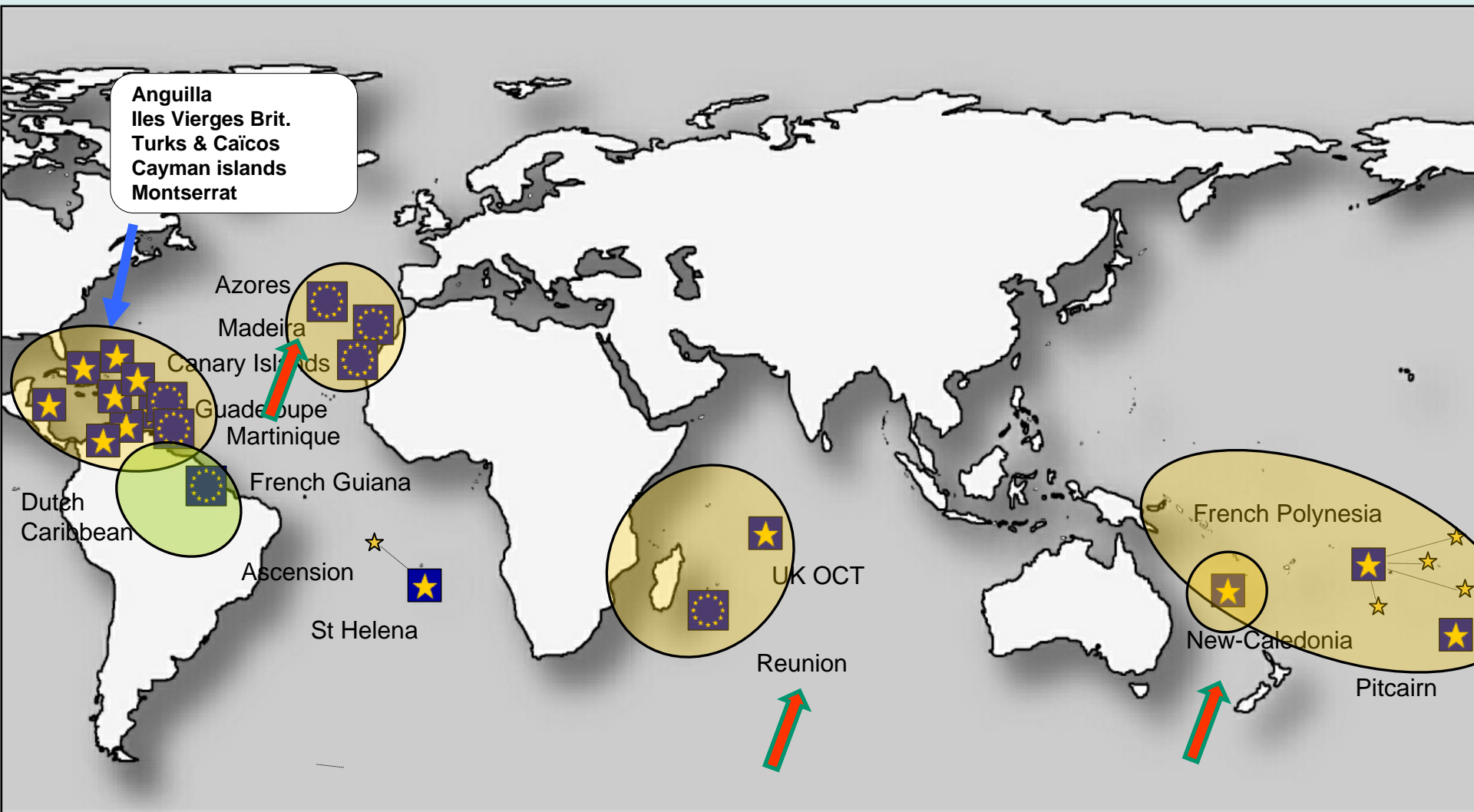
A coordinated research is needed

Definition and participants

- Networking for the coordination of tropical and subtropical biodiversity management research and stakeholders in Overseas regions and territories of Europe in support of sustainable development (ERA-Net tool)
- A first large partnership gathering most OCTs and ORs and initiated by ORs and OCTs
- Project funded under EC FP6, March 2007-End of February 2012, 2.5 M€

An innovative and regionally-driven ERA-Net with linked thematic and geographical approaches (no frontier for biodiversity)

Net-Biome partnership and worldwide hot spots: Gathering of many realities and assets ...



Biodiversity Hotspot



Main Forest area



World Heritage Site of Unesco

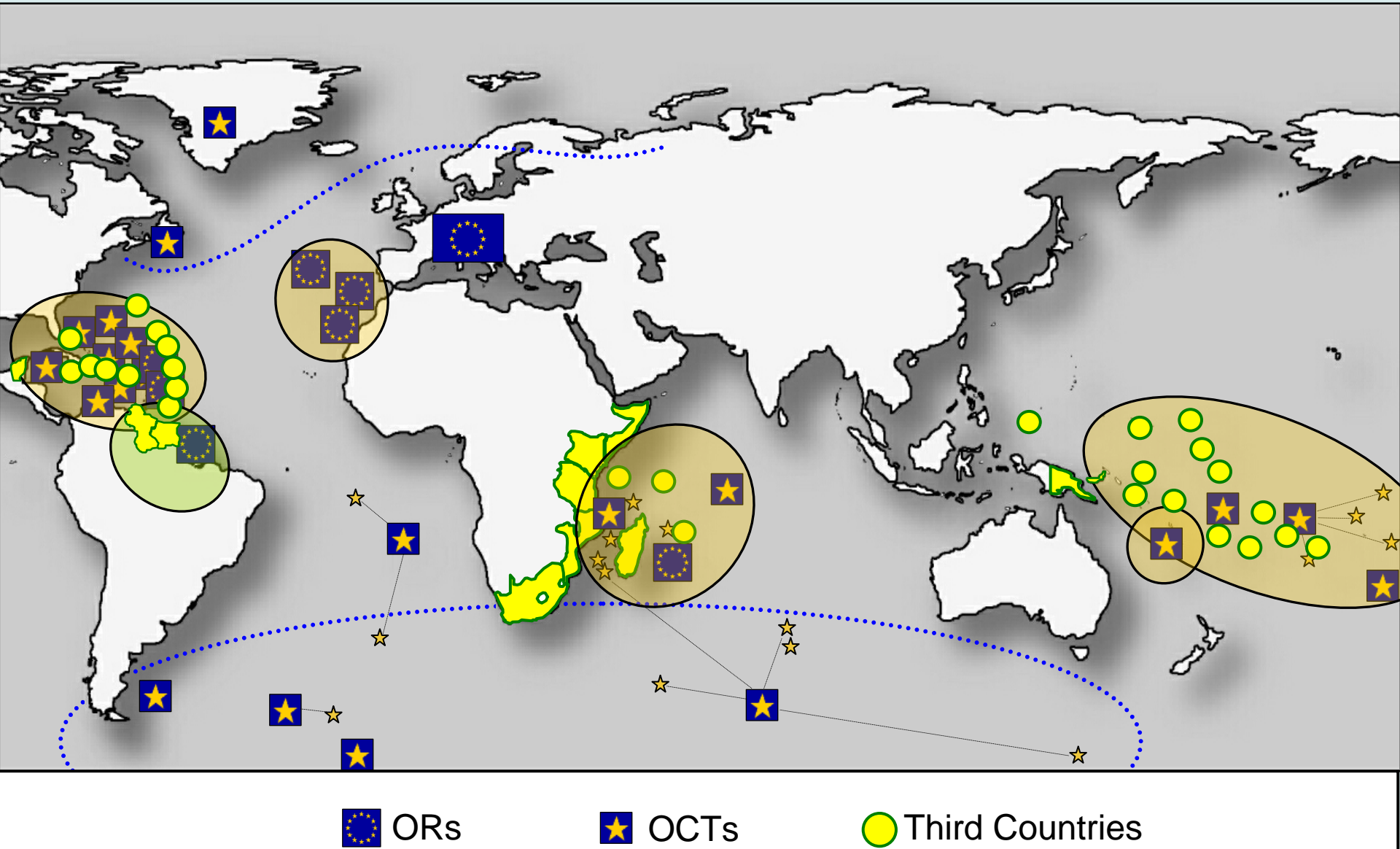


OR



OCT

A real and wide international cooperation framework



Net-Biome challenge

Unite actors from different cultures and countries towards a common subject, i.e. the biodiversity management in support of sustainable development even if each partner has its own specific needs

Unity based on common issues

- Common recognition of responsibility towards ORs and OCTs populations and those of the rest of the world
- Common will to tackle the effects of global change on biodiversity
- Common awareness of ORs and OCTs assets

Objectives

- Mobilise bottom-up expertise on locally relevant research
- Build consensus and capacities among partners
- Coordinate regional and thematic research efforts from OCTs and ORs perspective
- Design and implement a common research strategy (and a platform to manage research) in T&ST biodiversity in support to sustainable development
- Open the network to Europe and the regional areas concerned
- Promote the visibility and acknowledgement of the overseas regions and territories important role

Crucial issue of research governance

- Promote the proper local governance of research (gathering of all stakeholders including scientists, decision-makers, biodiversity managers, ...)
- Develop the consistency of decision-making on research priorities and associated fundings at local, national and international levels

Bottom-up approach

Net-Biome work programme

WP1 : Co-ordination, management and dissemination activities

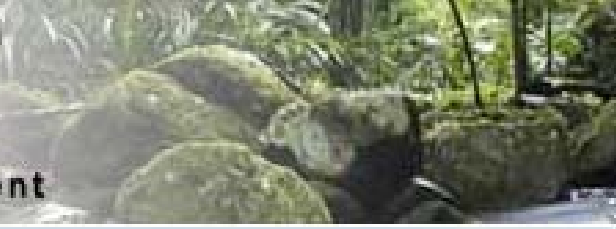
WP5: Joint activities development
Joint call for proposals launched
on Nov. 2010

WP6: opening of the network
at European and
International scales

WP4: design of a common strategy

WP2 :Collect of information about
T & ST B research
(questions to local researchers)

WP3:Collect of information about
T & STB research
(questions to NB partners)



ACHIEVEMENTS

A consolidated network

- Some progresses in overcoming barriers to cooperation
- Development of coordination and management capacity
- Crucial building of trust

Net-Biome 2010 Research Joint Call

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, including those with important cultural and aesthetic resonances
- B. Improving Spatial Planning and Coastal Zone Management in order to support the sustainable management and use of biodiversity (marine and terrestrial) in the context of human pressures and global change
- C. Characterising biodiversity (from gene to ecosystem level and through to landscape) and the drivers of its evolution in a way that will enhance **local capacity and improve policy decision-making**

Interdisciplinary cooperation, integration or focus on Human & social sciences

Net-Biome 2010 Research Joint Call

- 11 funders: 8 NB partners/11, 3 national funding agencies (FR, POR, SP)
- 3.49 millions €, a virtual common pot
- Call open 3 months
- A minimum of 3 partners from 3 funding countries/regions, third countries eligible with their own funds
- Expected projects to be started by February 2012 (3 years projects)
- First set of common biodiversity research priorities
- 32 eligible projects among 35 received
- 7 projects funded
- ORs and OCTs research actors have demonstrated their ability to build transnational *consortia* and good quality projects
- 6/7 transnational projects funded including 1 project with third countries
- 2 projects in marine field (coordinated by a territory of Pacific area)

Research Joint Call results

Acronym	Title	Consortium
FRAG&BINV	Consequences of forest fragmentation and conditions for biological invasions: the case of Caribbean birds	France , Martinique, French Guiana, Portugal, United Kingdom (Montserrat)
Island-Biodiv	Understanding biodiversity dynamics in T&ST islands as an aid to science based conservation	Canary Islands , Reunion, France, Azores
MOVECLIM	Montane vegetation as listening post for climate change	Reunion , Guadeloupe, Azores, French Polynesia, Canary Islands, France, South Africa, Switzerland, Germany, Malaysia
SafePGR	Towards Safer Plant Genetic Resources through improved viral diagnostics	Guadeloupe , France, Reunion, Azores, Madeira

Research Joint Call selected projects

Acronym	Title	Consortium
SEAPROLIF	Diversity and functioning of coastal marine biomes under siege: implications of seaweed proliferations across three oceans	New-Caledonia , Reunion, Guadeloupe, Portugal, France, Azores
VABIOME	Characterisation, Protection, Sustainable use and valorisation of Vanilla Biodiversity in Tropical EU	Reunion , French Polynesia, France, French Guiana, France, Guadeloupe, Mayotte
POMARE	Polynesian, Martinique's, Reunion's marine benthic invertebrates: interactions and chemodiversity evaluation for a sustainable use	French Polynesia , Reunion, Martinique, Nederland, United-Kingdom, France



ONGOING ACTIVITIES AND PROSPECTS

Targeted Strategy

- Enhance research networking on T& STB and reinforce research excellence under development in ORs and OCTs
- Promote the integration of research findings in support of innovation and sustainable development (e.g. deliverables for policymakers)
- Ensure inclusion of ORs and OCTs needs & added value in any strategic initiative (e.g. European research Area, European Framework Programme and other international programmes)

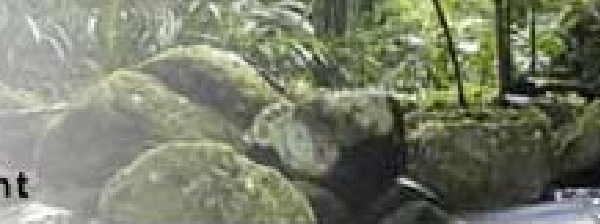
beyond the end of the project &
regarding the resources available

Ongoing and short term activities

- Stress on dissemination activities
- Last steps towards the start of the research projects selected (February 2012) including harmonisation of management tools & procedures
- Identify network sustainability scenarios
- Preparation of the final conference as a window opened to the future (January-February 2012)

Prospects

- Effective sustainability as a basis of long term functioning of the network
- Follow-up of the First Joint call
- Other joint activities implementation towards reinforcement of capacity building and development of research excellence
- Improvement of science/policy integration & ORs and OCTs visibility
- Opening of the network to third countries and other stakeholders (industries, ...)



Coordinated efforts are the key of efficiency
regarding biodiversity management in support
of sustainable development



As shown by the nature itself

Contacts & Website

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*Gracias por
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*Hartelijk dank
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*Merci pour
votre attention*

*Thank you
for your attention*