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# ACTES DES ASSISES DE LA RECHERCHE DANS L'OCEAN INDIEN

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## ANNEXE 1

### INTERVENTIONS - Ateliers 1 et 2 - Workshops 1 and 2





*Tropical and insular  
biodiversity research and  
sustainable development in  
European Research Area*

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*FP6 and the European Research  
Area*

- The 6th FP should have a structuring effect on research and technological development in Europe and associated countries and make a significant contribution to the establishment of the ERA and innovation
- RUP should have a specific action (Canarias Conference – June 2002)



## *6th Framework*

- Different tools for European Research Area:
  - IP (Integrated Projects) and REX (Network of Excellence)
  - article 169
  - ERA-net (open to national or regional public agencies)
  - Pierre et Marie Curie grants (drastic increase of possibilities for students, postdocs or senior scientists)
  - Other tools (STREP, INCO, INTERREG, ....)

## *Rationale*

- The seven RUP (Reunion, Guadeloupe, Martinique, French Guyana, Canarias islands, Azores and Madeira) are exceptional in terms of tropical and subtropical biodiversity. They are more fragile and threatened by global climatic changes and human activities than continental Europe. They are located in or near several biodiversity hotspots.
- Even if due to the isolation and fragmentation of the RUP, scientific activities are less developed, they have unique opportunities to develop regional international collaborations for Europe



## *Rationale*

- It is necessary to bring together Europe's most productive laboratories with local political/scientists/environmentalists and SMEs in one of the largest coordinated tropical and subtropical biodiversity network to date, including Macaronesian, Caribbean and Indian Ocean countries

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Meeting for the Advancement of Research in the Indian Ocean Region - Saint-Denis de la Réunion - 3-5 June 2003

## *Recommandations*

- Understanding the interactions between ecosystems and human activities, especially specific agriculture and fisheries, is essential to ensure sustainable development in these areas

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## *Requirements*

- 1) a better knowledge of both marine and terrestrial biodiversity, its conservation and evolution
- 2) tools and methods to achieve sustainable biodiversity management (including monitoring, preservation and rehabilitation) and enhance the biodiversity value of human controlled ecosystems.

## *Requirements*

- 3) to reinforce economic viability of specific agriculture environmentally friendly.
- 4) to provide elements to define and implements the public policies of biodiversity management (including invasive species and plant and animal protection regulations)



## *Requirements*

- 5) to develop socio-economic valorisation of biodiversity (ecotourism, identification of new crops or molecules of interest thanks to the diversity of biological resources,...)
- 6) to provide results for use by researchers, teachers, and all the stakeholders including decision makers, SME, and NGOs, to ensure the sustainable management of biodiversity in tropical and subtropical regions and to increase the education level and public awareness of populations.

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## *Research organisation has to be improved*

- Specific solutions have to be proposed for biodiversity, agriculture and marine research for the RUP to allow them to be effectively integrated to the ERA and to help integration of research between RUP and with they regional neighbours

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# Thank you



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