



Coral Reef Initiative for the Pacific

**J.CALAS – *FFEM* Secretariat
CBD COP 10
October 2010**

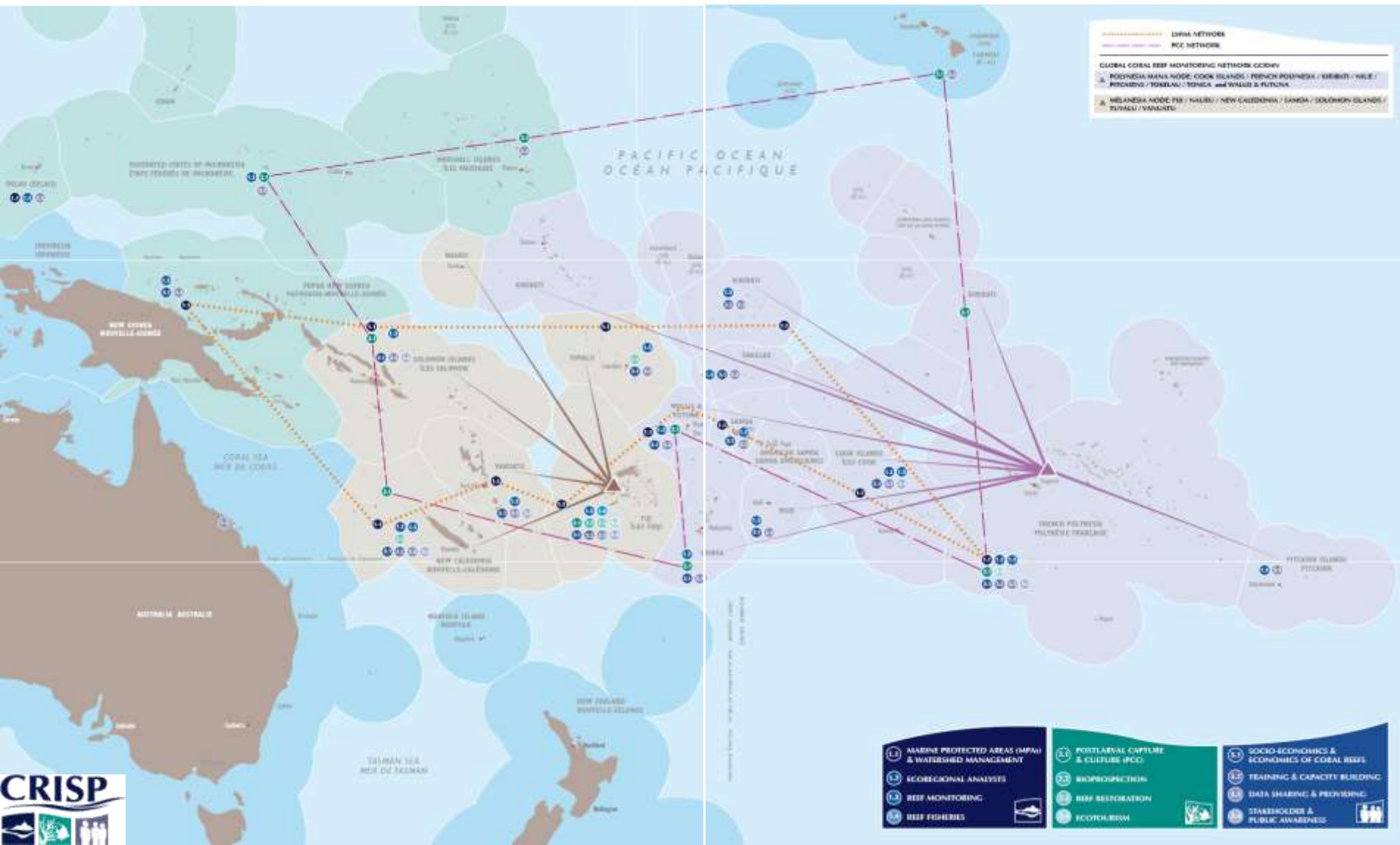


CONSERVATION
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FOUNDATION

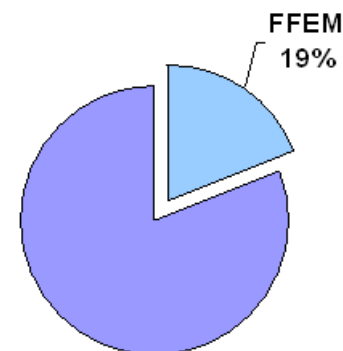
A large program area : challenging !



CRISP

- **Countries** : 14 Islands states, New Caledonia, French Polynesia and Wallis & Futuna
- **Beneficiaries** : NGO, Research centres, Universities, States, Private enterprises.
- **FFEM sponsors** : French Ministry of Foreign Affairs and French Development Agency
- **Budget** :

	8,2 Millions €
– AFD	3 000 000
– FFEM	2 000 000
– MAE – FP	850 000
– Conservation Int	1 000 000
– WWF	400 000
– UNF	900 000
- **Expected duration of 4 years (inception 2004) : 6 years**





CRISP



FINALITY : Support sustainable management and conservation of coral reef in the Pacific region in cooperation with French overseas territories expertise.

Specific objectives:

- **Objective 1 : increased knowledge of coral reef ecosystems biodiversity, quality and functioning;**
- **Objectif 2 : implementation of significant coral reef ecosystems management and protection operations;**
- **Objectif 3 : support the economic opportunities from coral reef ecosystems use values and biodiversity;**
- **Objectif 4 : increased dissemination of information and international, regional and local network capacity building.**

Project steering committee : one annual meeting

Main partners : Pacific Secretariat, IFRECOR, NGO (CI, WWF, FSPI, Proscience), UNF, International organisations (SPC, SPREP, WFC), Research centers (IRD, CNRS, USP, CRIOBE), entreprises (SPI Infra, Ecocean), Networks (Polynesia Mana, Reef Check, LMMA, GCRMN), States and french territories, etc.



CRISP components

C1 : MPA and watershed management (Executing agency: CI)

- 1A1 : Marine biodiversity conservation planning;
- 1A2 : Marine Protected Areas;
- 1A3 : Institutional support and networking;
- 1A4 : Integrated watershed and coastal reef management.

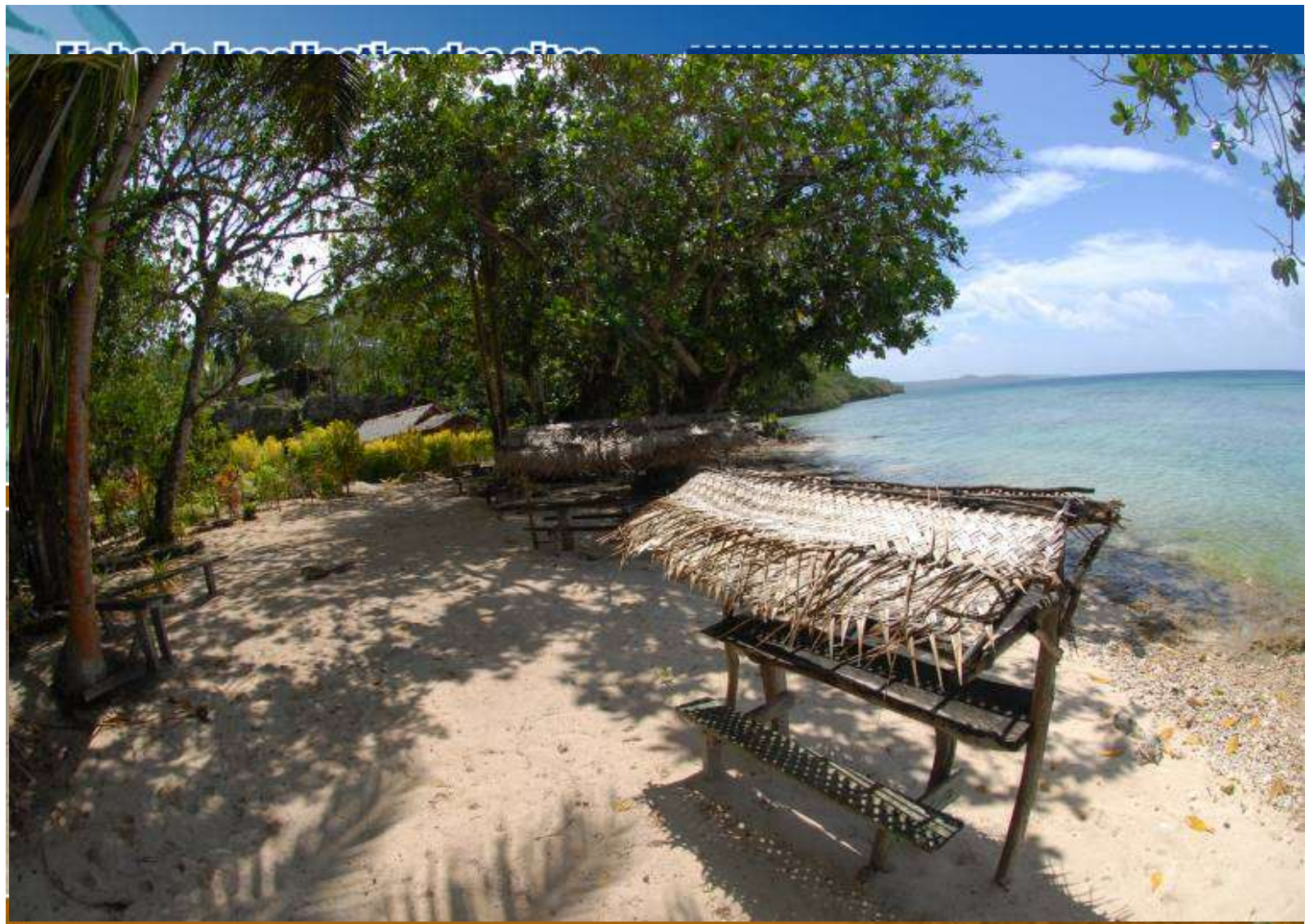
C2 : Coral reef ecosystem development opportunities (Executing agency : CNRS, IRD & World Fish Center)

- 2A : Assessment, Development and management of coral reef ecosystems
- 2B : Reef restoration techniques
- 2C : Research on reefs' active substances
- 2D : Regional database on coral reef (Reefbase Pacific)

C3 : Program coordination and valorisation (Executing agency : SPREP and SPC)

- 3A : Lessons learned publication and dissemination on CRISP output
- 3B : CRISP program coordination

MPAs : great diversity of experiences

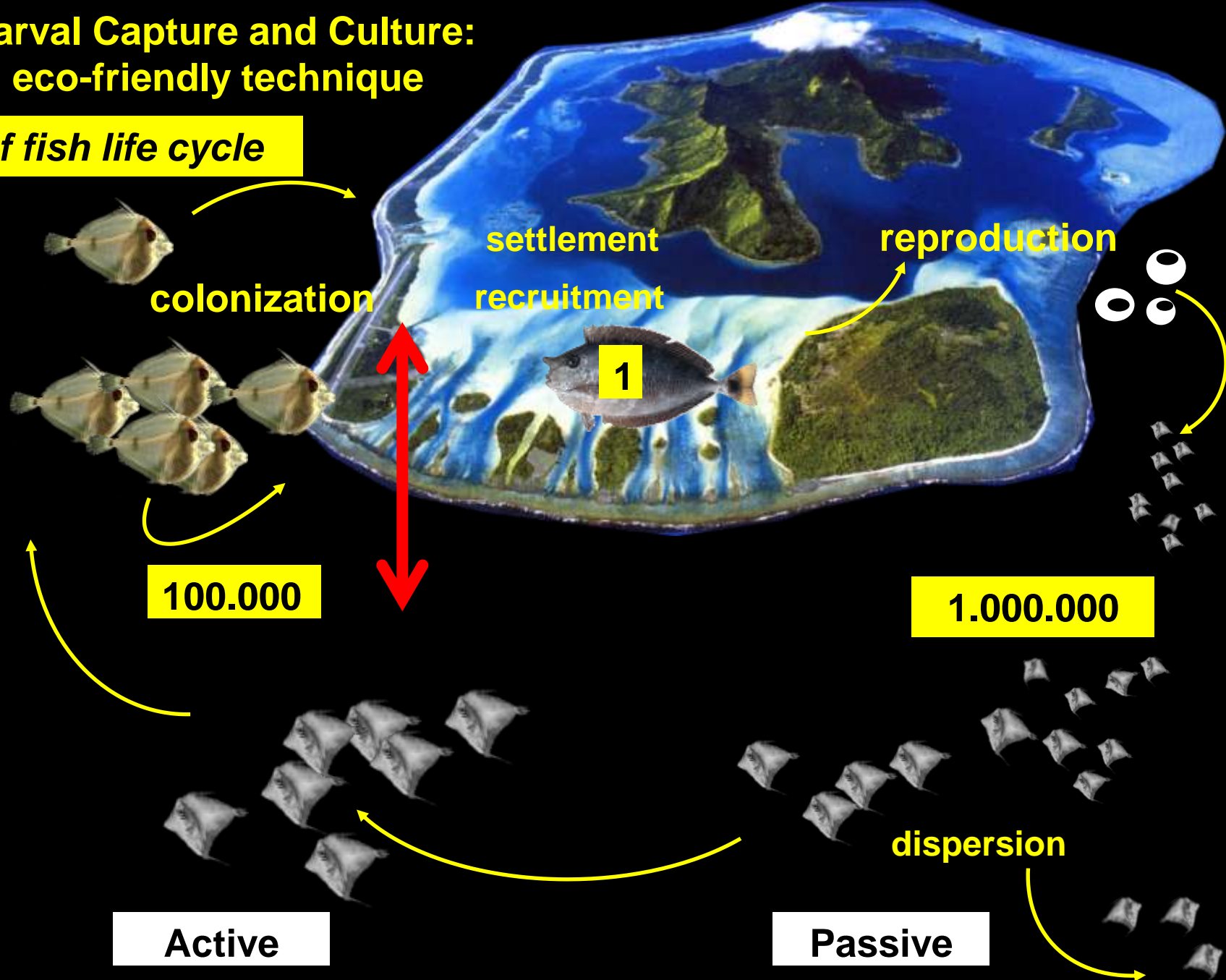


Watershed management



Postlarval Capture and Culture: An eco-friendly technique

Reef fish life cycle



1- Aquaculture

Use of
postlarvae



grouper



lobster



Rabitt fish

2- Restocking

Use of
postlarvae



2b- Depleted lagoons



2a-Coral gardens for tourist

3- Aquarium trade

Use of
postlarvae



Coral reefs economic evaluation

Review of current evaluations:

- Large spread of total economic value

World average:	6 k \$/ha/an
(Jamaica	72 k – 698 k \$/ha/an)
Micronesia	8 k \$/ha/an
Moorea	17 k \$/ha/an

- The case of tourism value:

World average:	3 k \$/ha/an
Max: Great Barrier Reef:	38 k \$/ha/an
Thailand:	15 k \$/ha/an
Moorea:	15 k \$/ha/an

Conclusions:

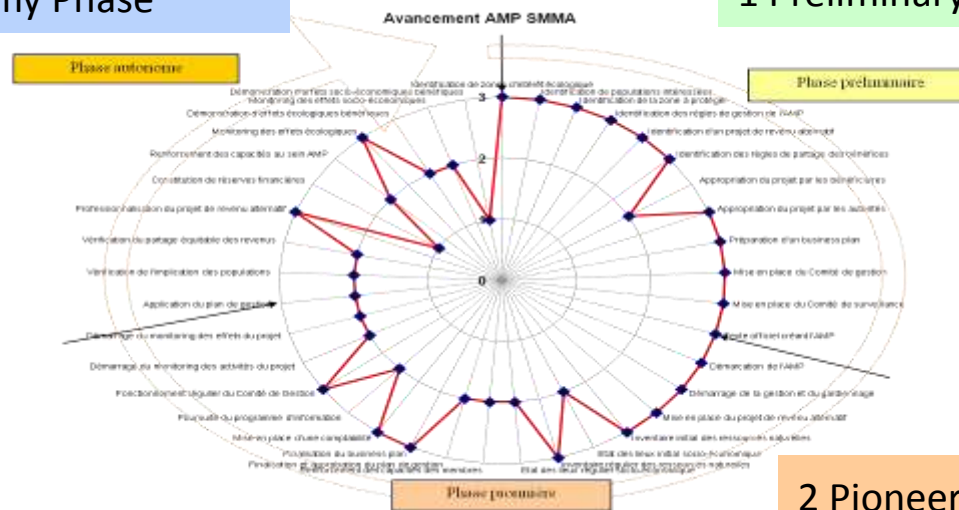
- Countries' economic development variations,
- Reef quality largely different,
- Valuation methods variations,
- Some basic valuations in the middle.



Lessons learned from CRISP and other projects

3 Autonomy Phase

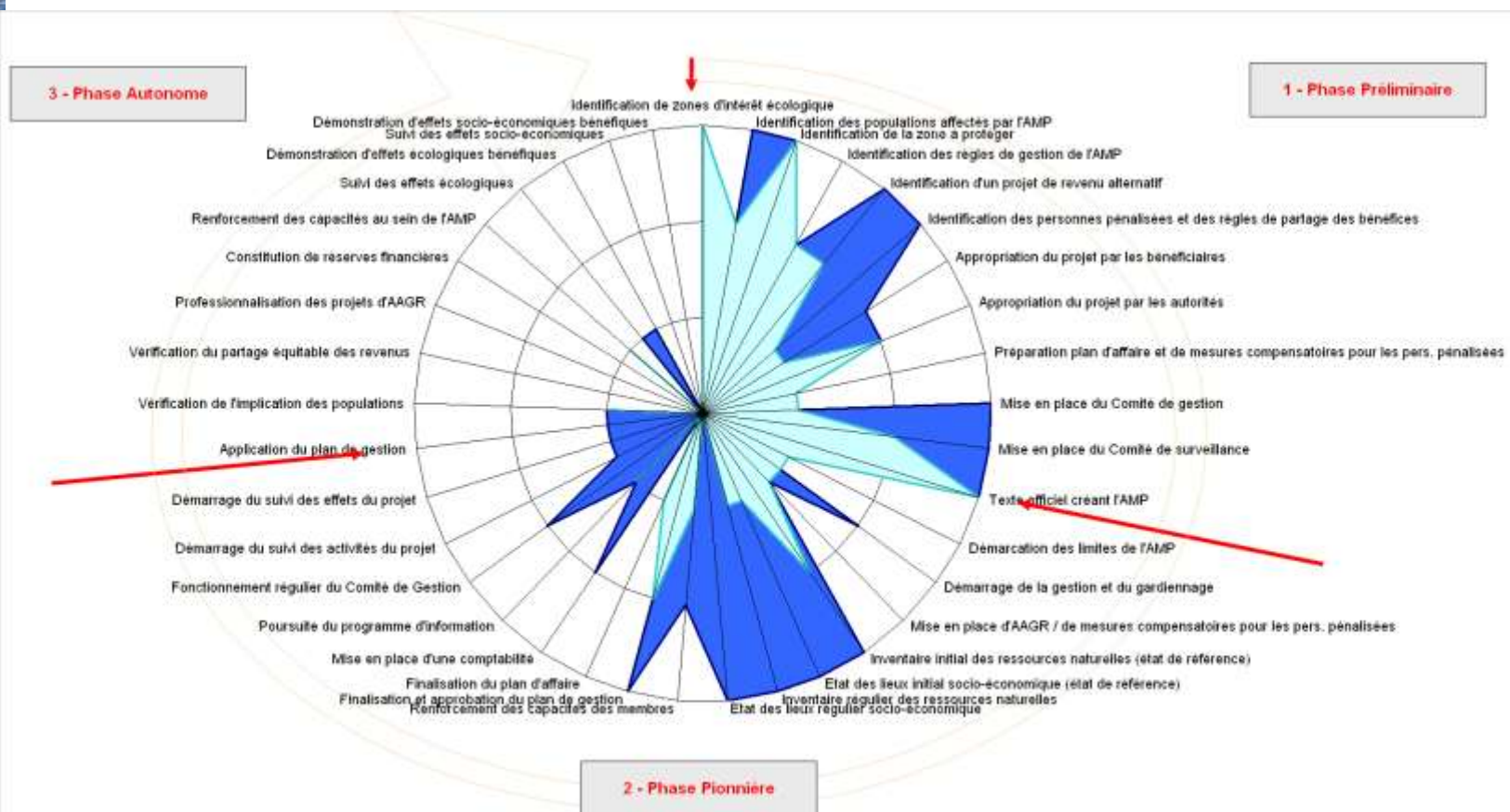
1 Preliminary Phase



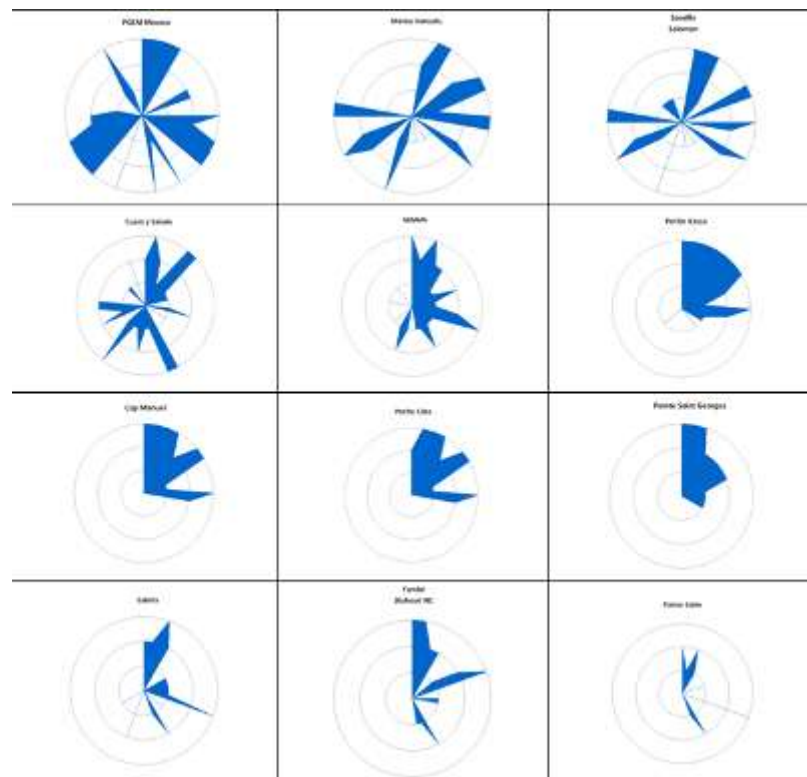
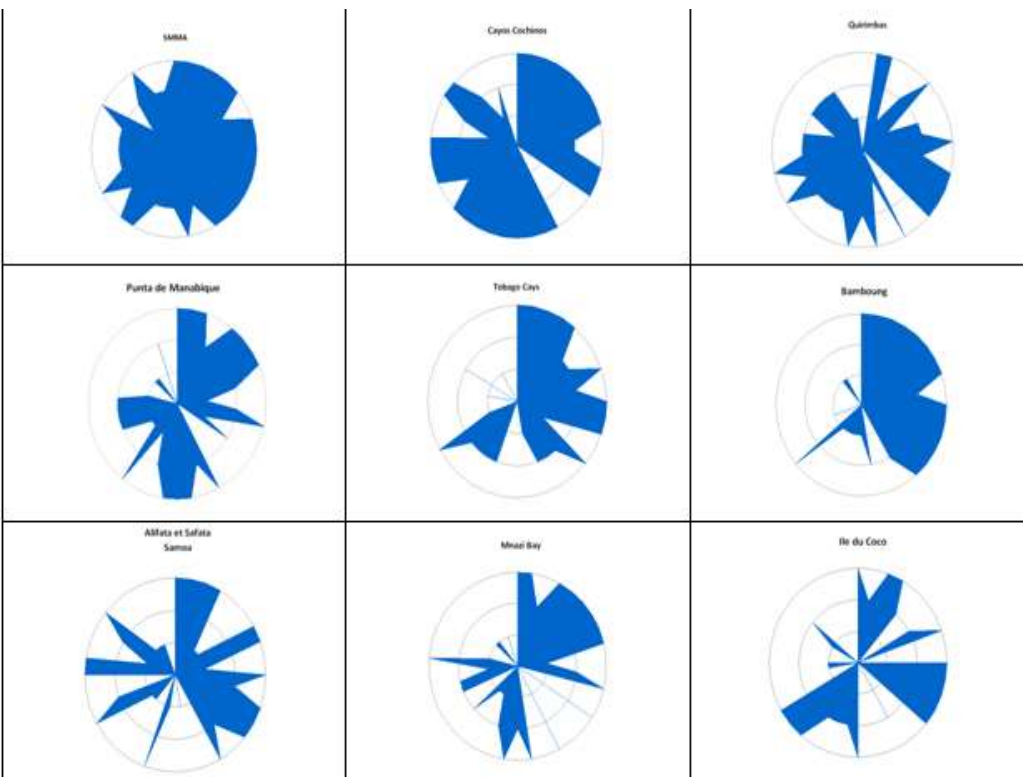
2 Pioneering Phase

- 3 phases to bring an MPA to a certain level of « autonomy »
- Between 10 to 15 years necessary (# 3 to 5 years projects) ; each phase call for different skills
- MPA project planning usually over ambitious and with insufficient duration:
 - Allow sufficient time for each phase (local stakeholder involvement, establishment of the management unit, bidding process for service providers..), going fast is not a good option.
 - For the successful MPAs, develop the successive phases and allow a phased assistance of up to 10 to 15 years.
 - Adapt project duration according to MPA phase progress

Method : compass card templates for MPA network monitoring



Monitoring an MPA portfolio





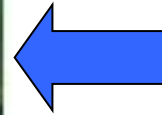
French Global
Environment Facility

Marine Protected Areas

*Review of FGEF's cofinanced
project experiences*



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Lessons learned in our
global review

Thank you

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