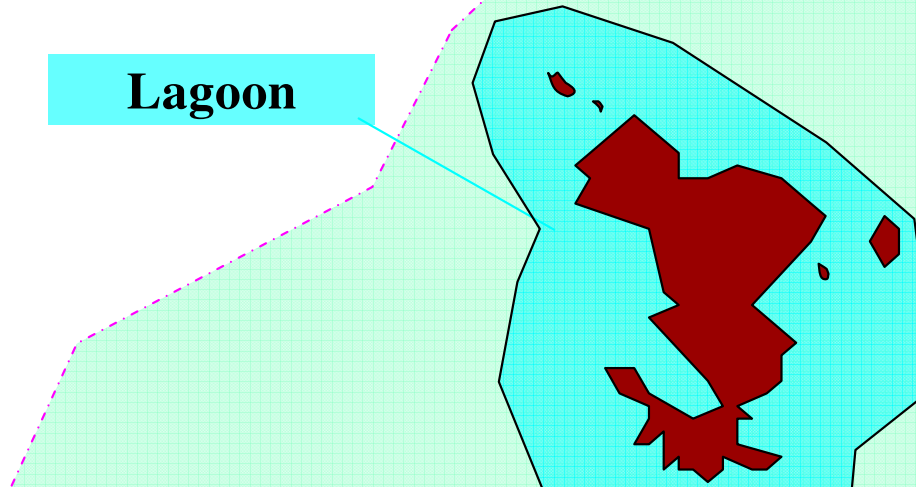


# Addressing the socio-economic and environmental pressures faced by Island Communities :

*Indian ocean  
(Mozambic channel)*

***French overseas territories :***

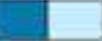


**Lagoon**

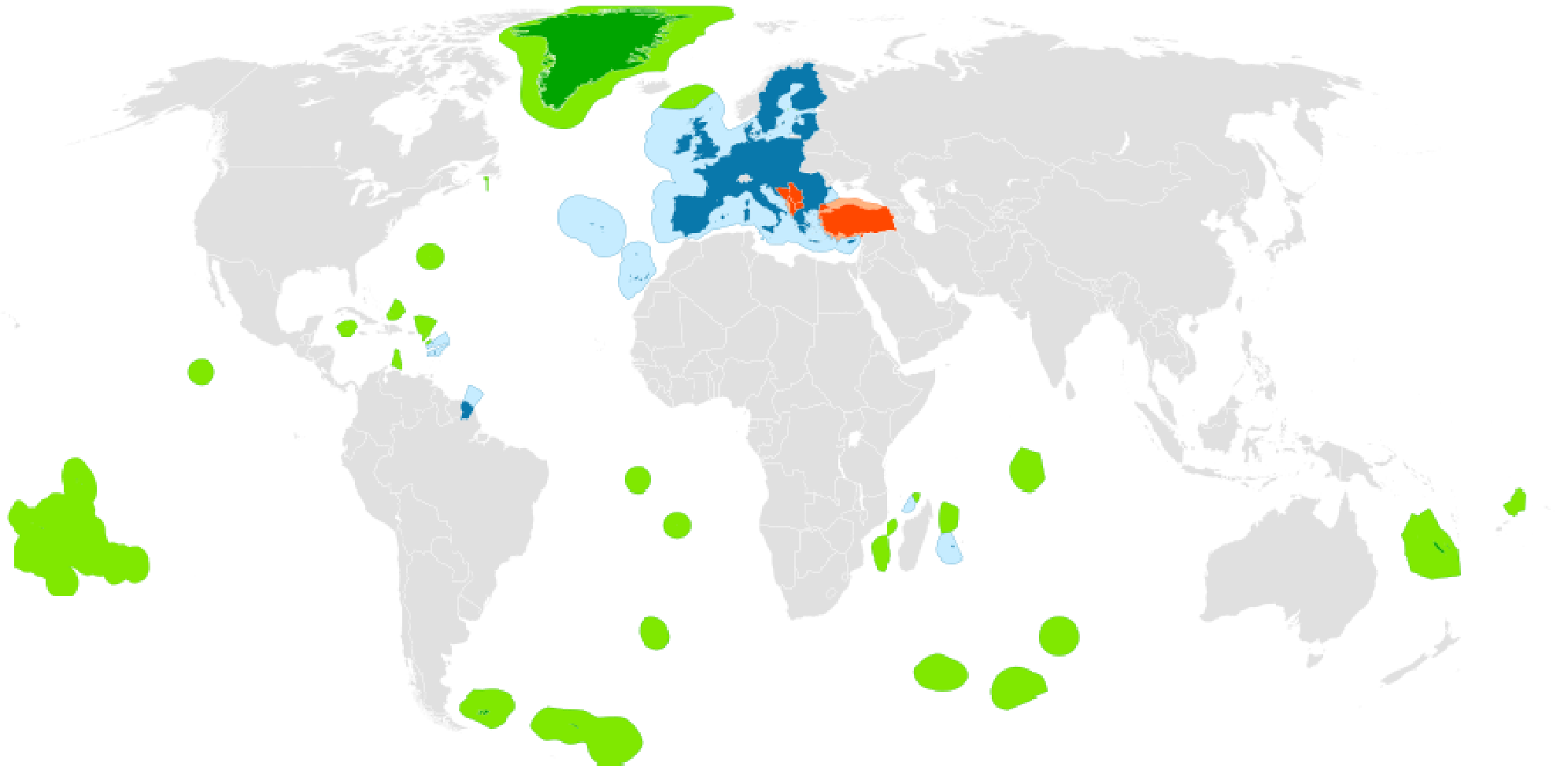


***brief examples :***

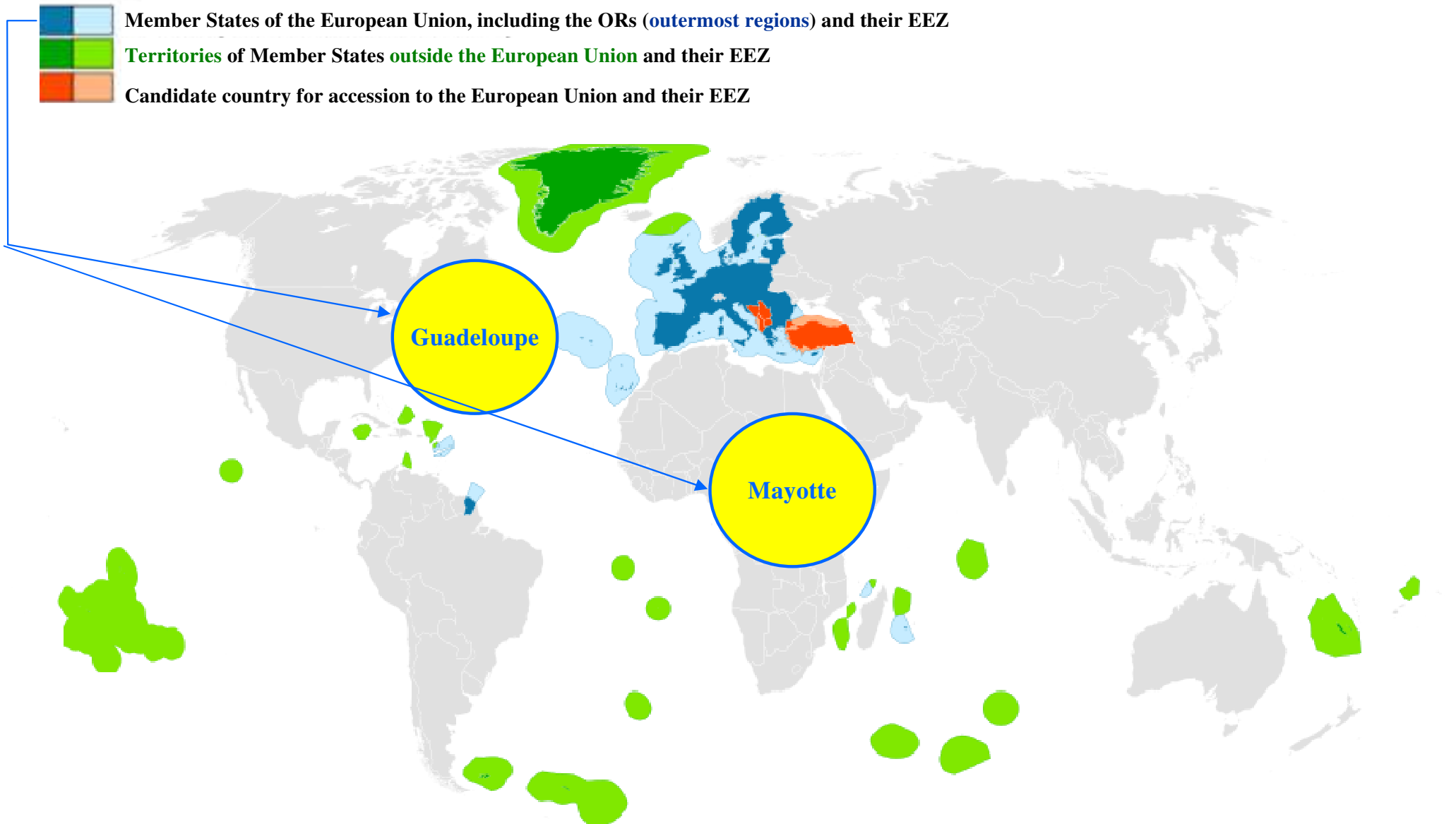
***how does planning integrate (... or not) aquaculture activities ?***

## Exclusive Economic Zone (EEZ) of the European Union and overseas territories

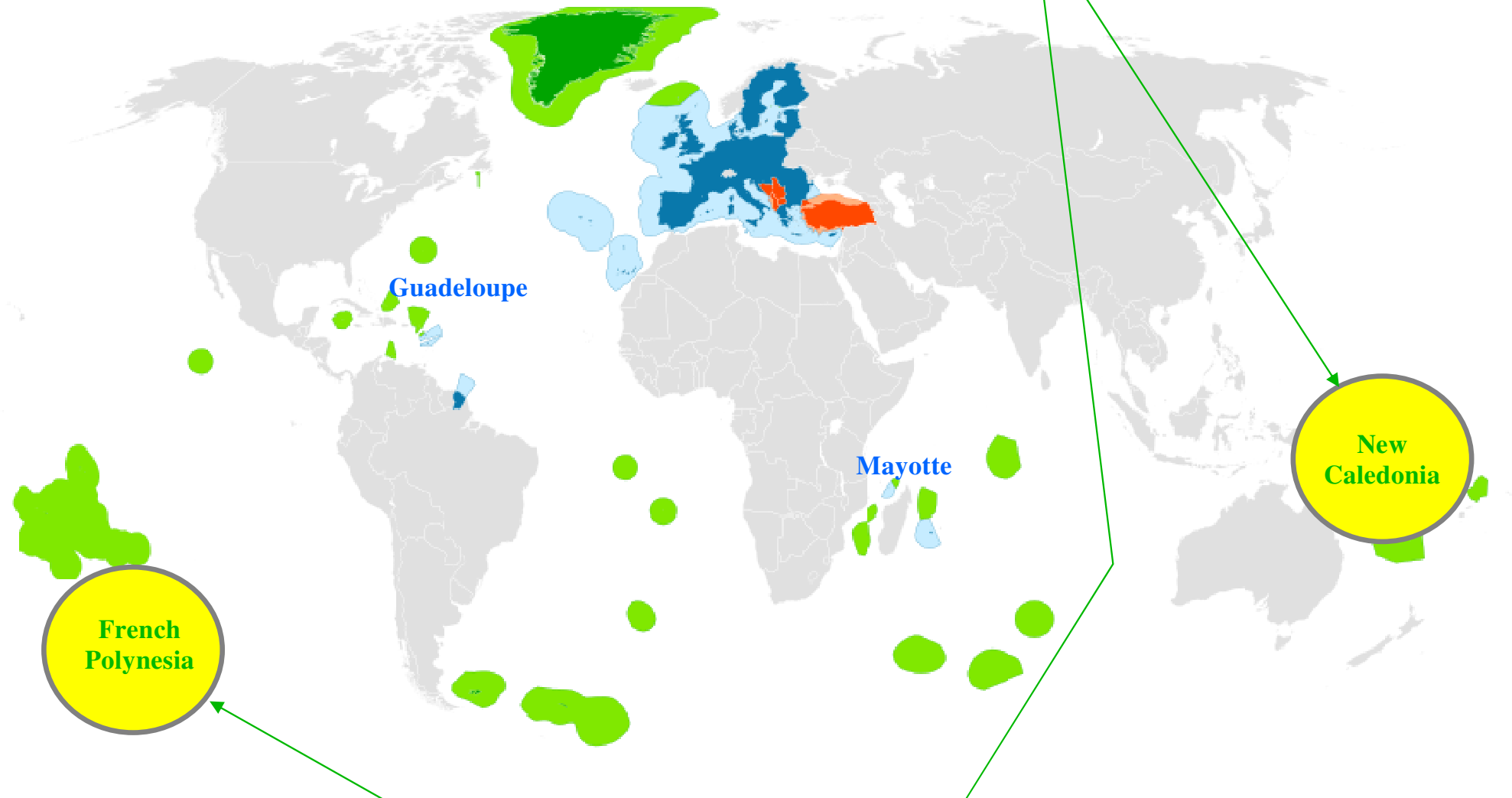
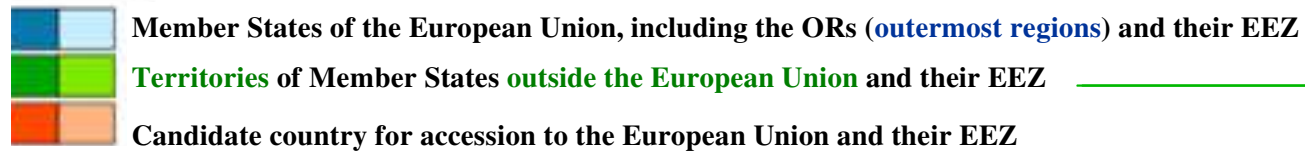
-  Member States of the European Union, including the ORs (outermost regions) and their EEZ
-  Territories of Member States outside the European Union and their EEZ
-  Candidate country for accession to the European Union and their EEZ



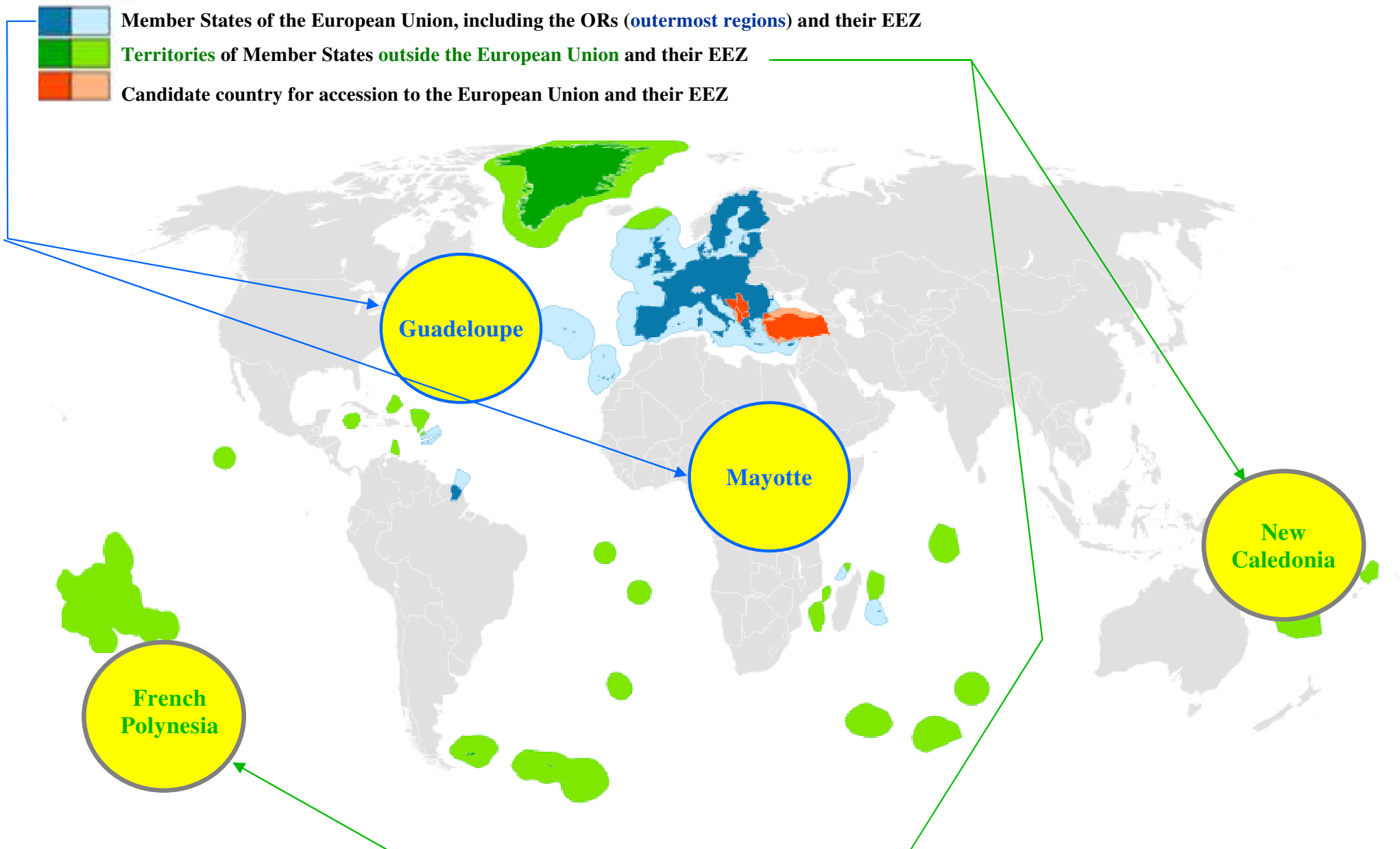
## Two examples in outermost regions of the EU



## Two examples in the french overseas territories, outside the EU

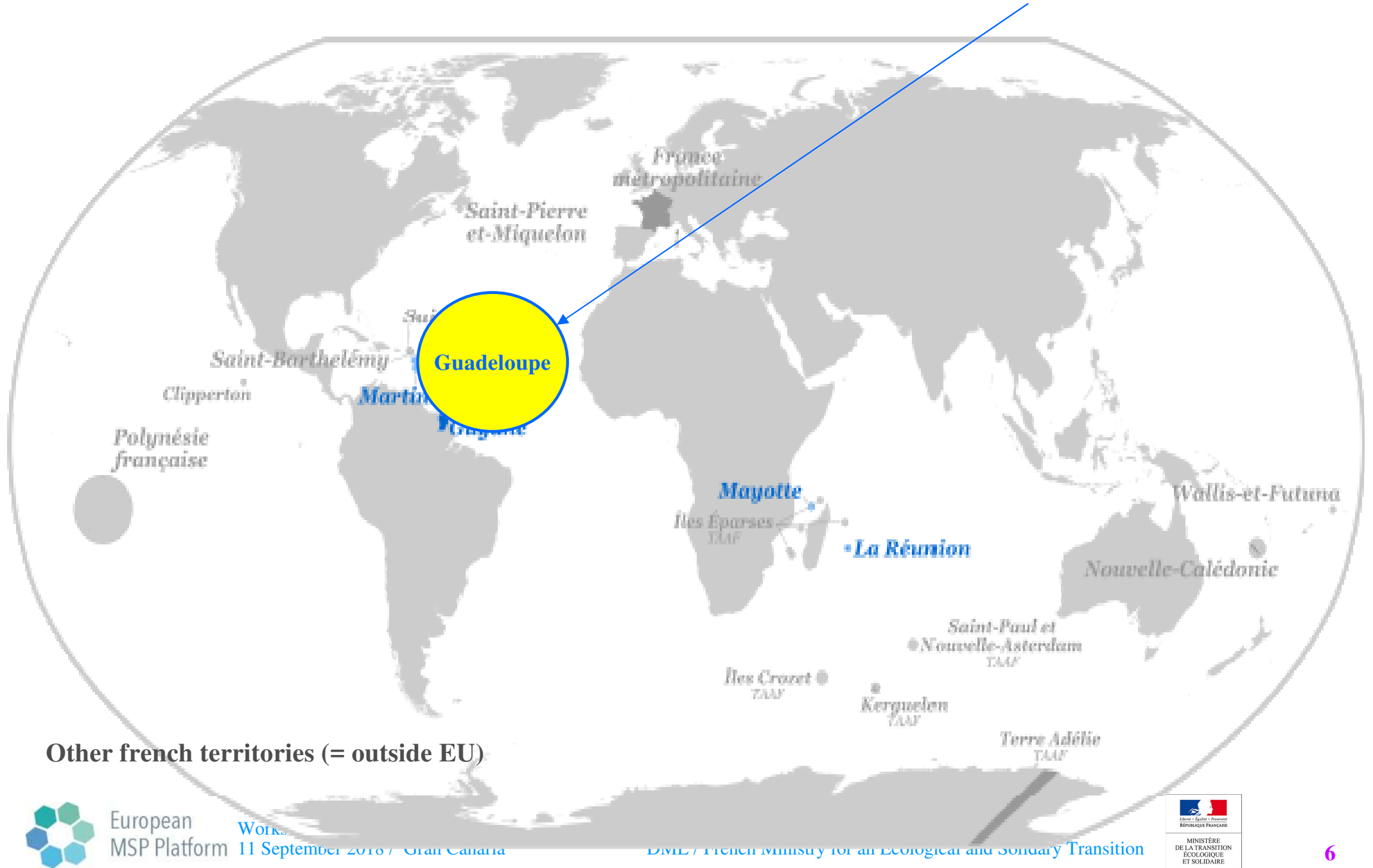


## Four examples of marine planning in the french overseas territories



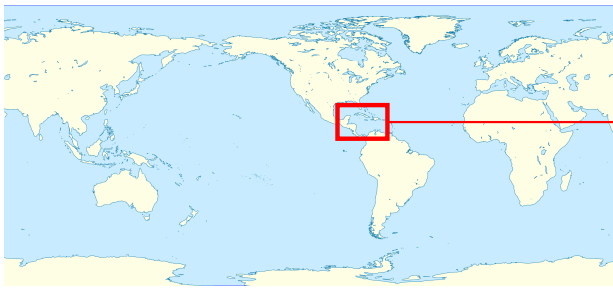
## Example of the Guadeloupe

French territories ("DROM" = outermost "région" and "département" (= RUP = Outermost region of EU)



Other french territories (= outside EU)





# GUADELOUPE

Search and Rescue Region (SRR) France

EEZ France (managed by the French government)

Caribbean Sea

Protected marine area [ 2009 ]  
 ("maritime area adjacent to the National Park")  
 managed by the French government  
 120 km<sup>2</sup>

Shallow lagoon

National nature reserve

Land National Park [ 1989 ]  
 managed by the French government

100 km



## Example of Mayotte

French territories ("DROM" = outermost "région" and "département" (= RUP = Outermost region of EU)



Other french territories (= outside EU)





Madagascar Search and Rescue (SRR)

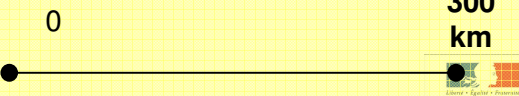
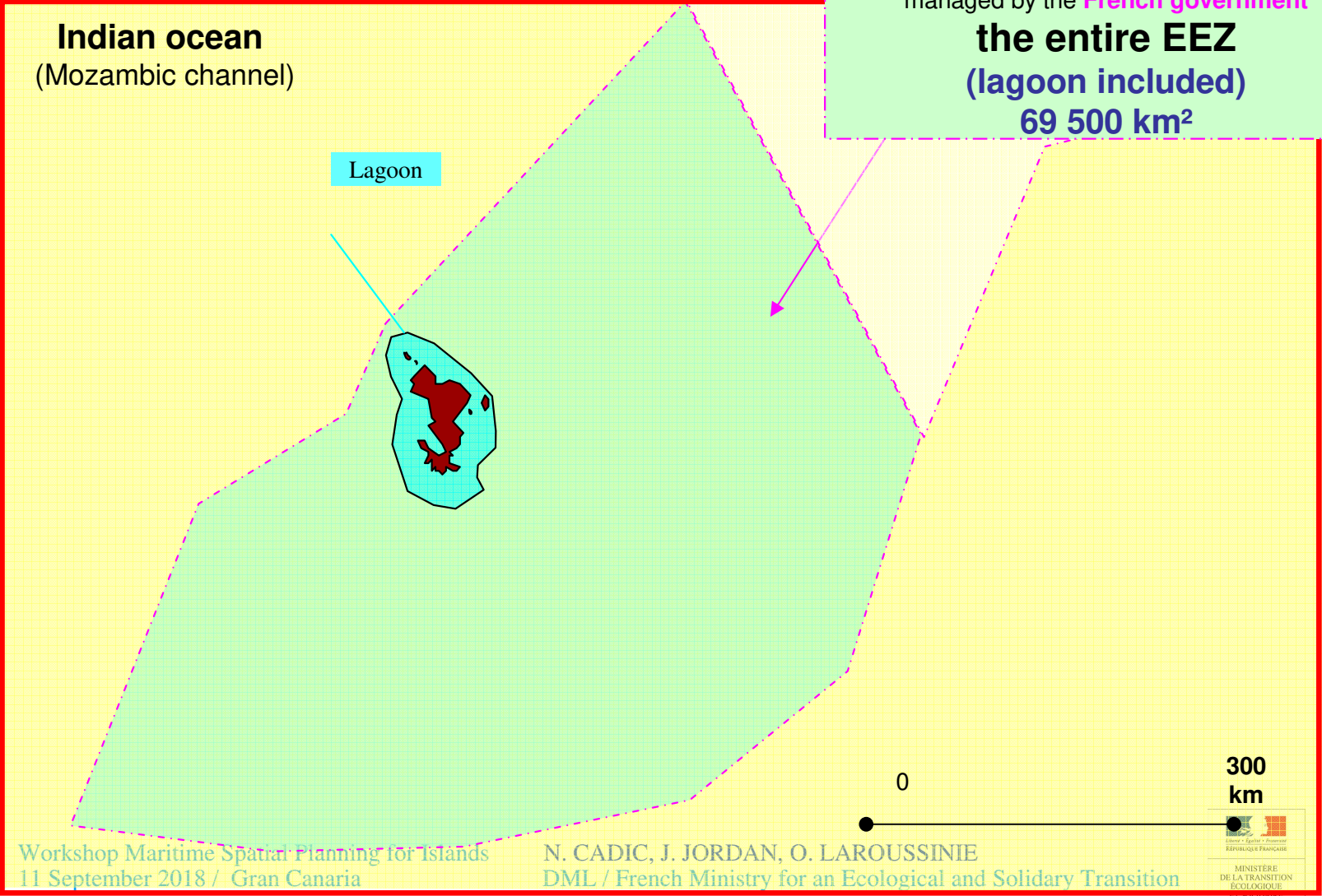
# MAYOTTE

Other french EEZ

**Protected marine area**  
"Parc Naturel marin de Mayotte" [ 2010 ]  
managed by the French government  
**the entire EEZ**  
(lagoon included)  
**69 500 km<sup>2</sup>**

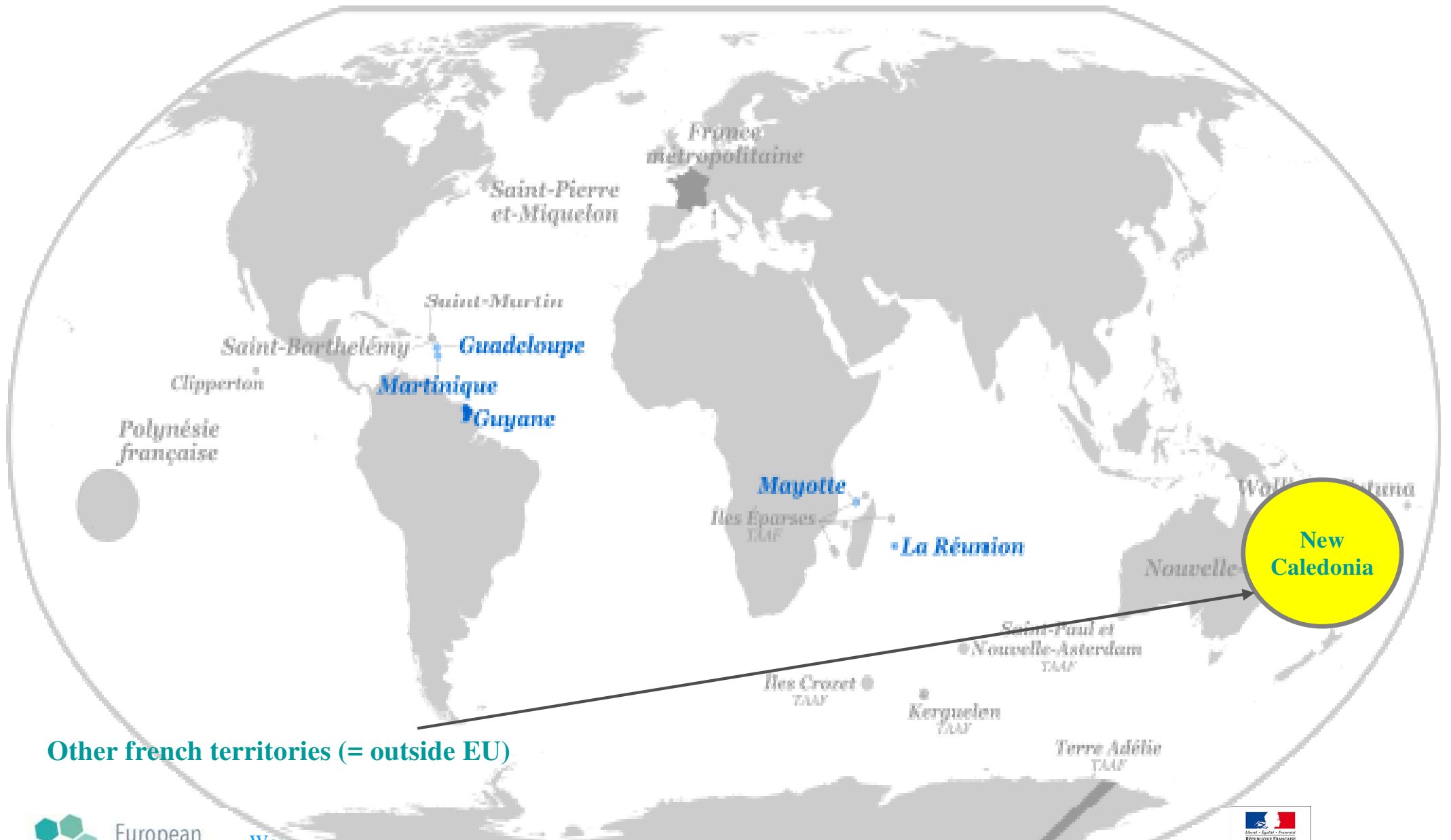
**Indian ocean**  
(Mozambic channel)

Lagoon



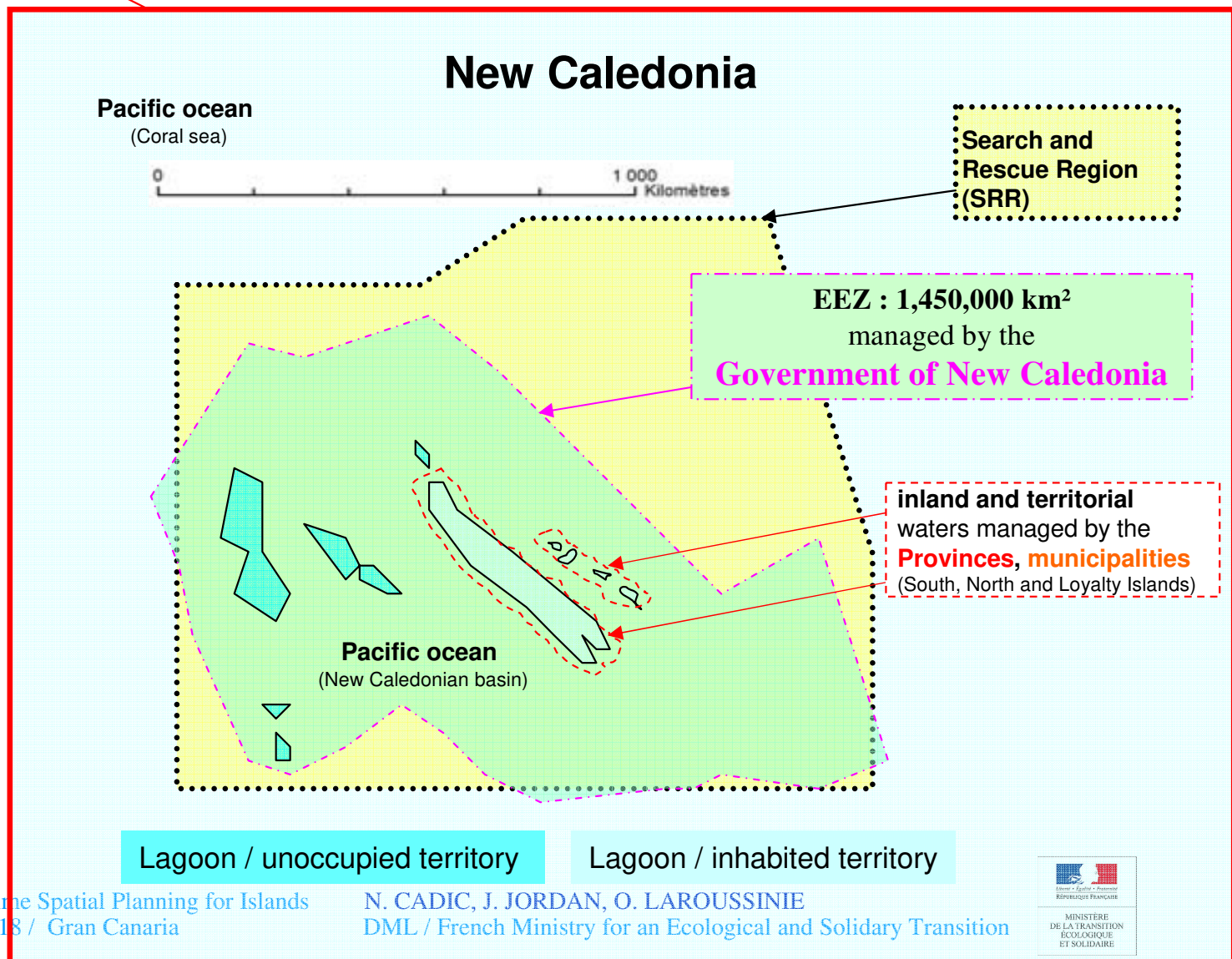
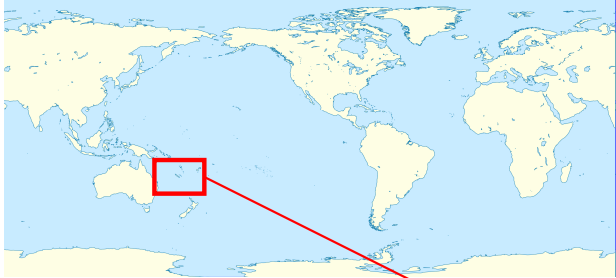
# Example of New Caledonia

French territories ("DROM" = outermost "région" and "département" (= RUP = Outermost region of EU)



Other french territories (= outside EU)

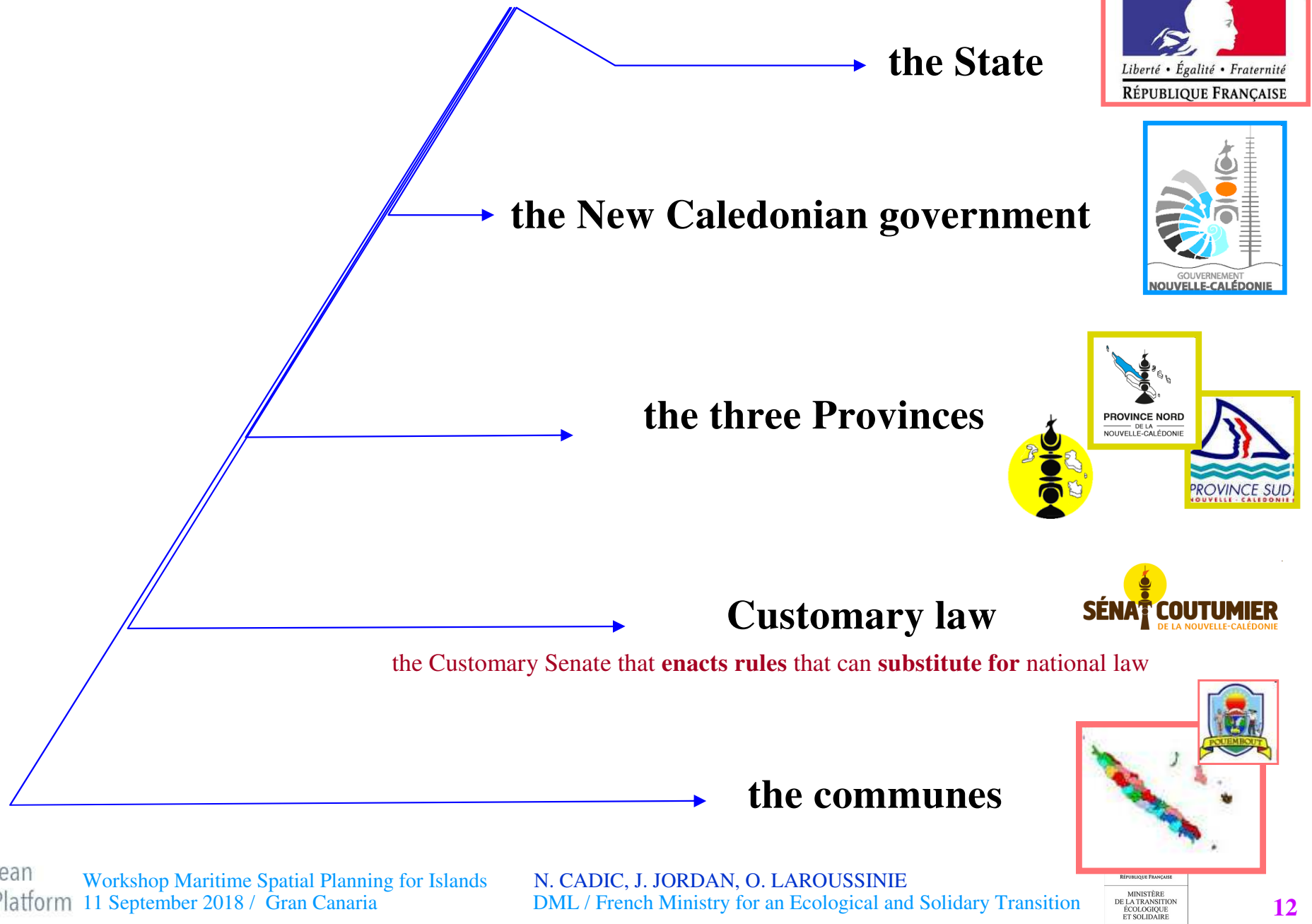




# A new-caledonian peculiarity

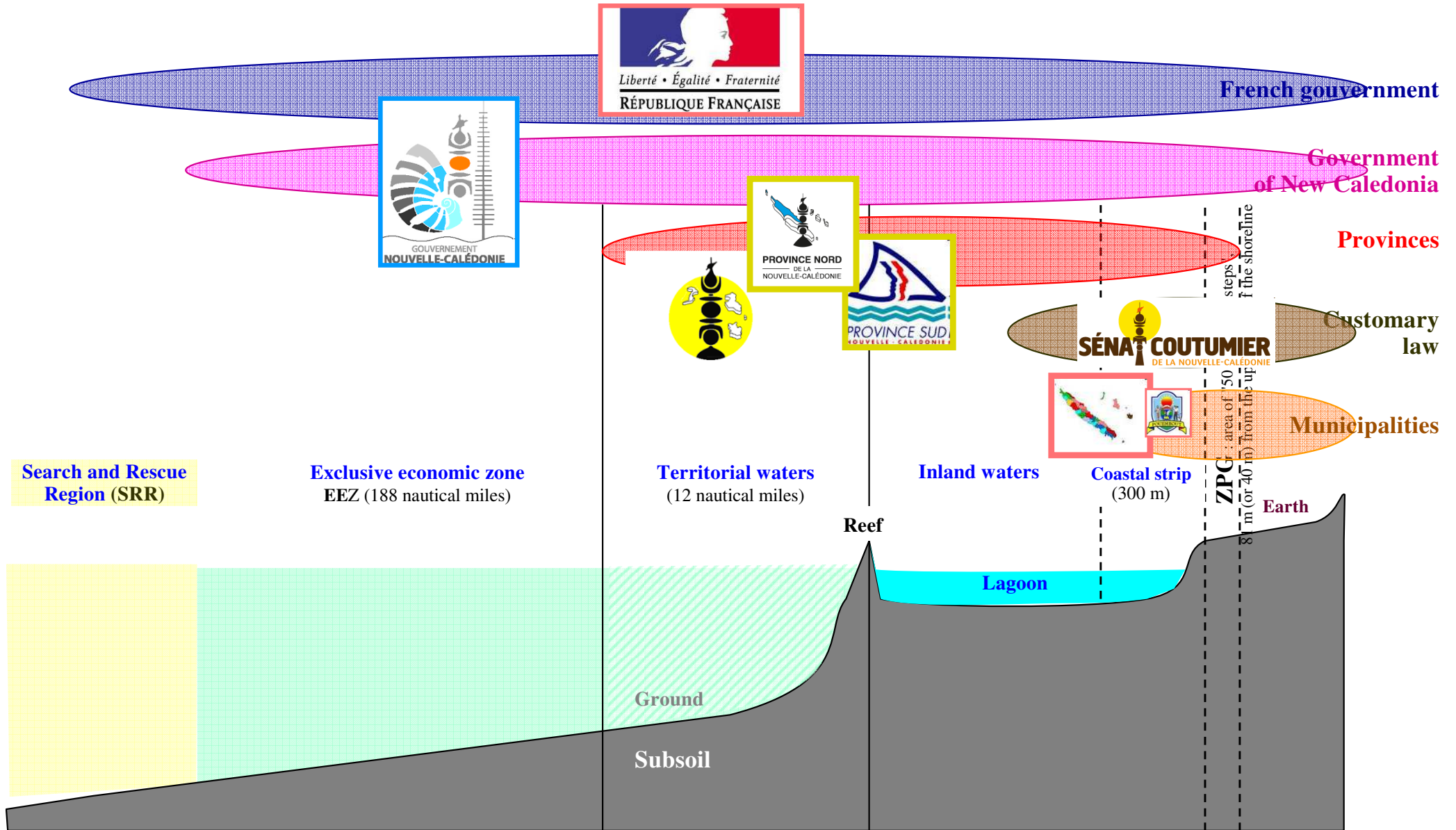
This example deserves a little attention

## The superimposition of different authorities

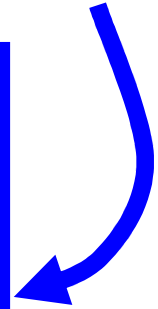
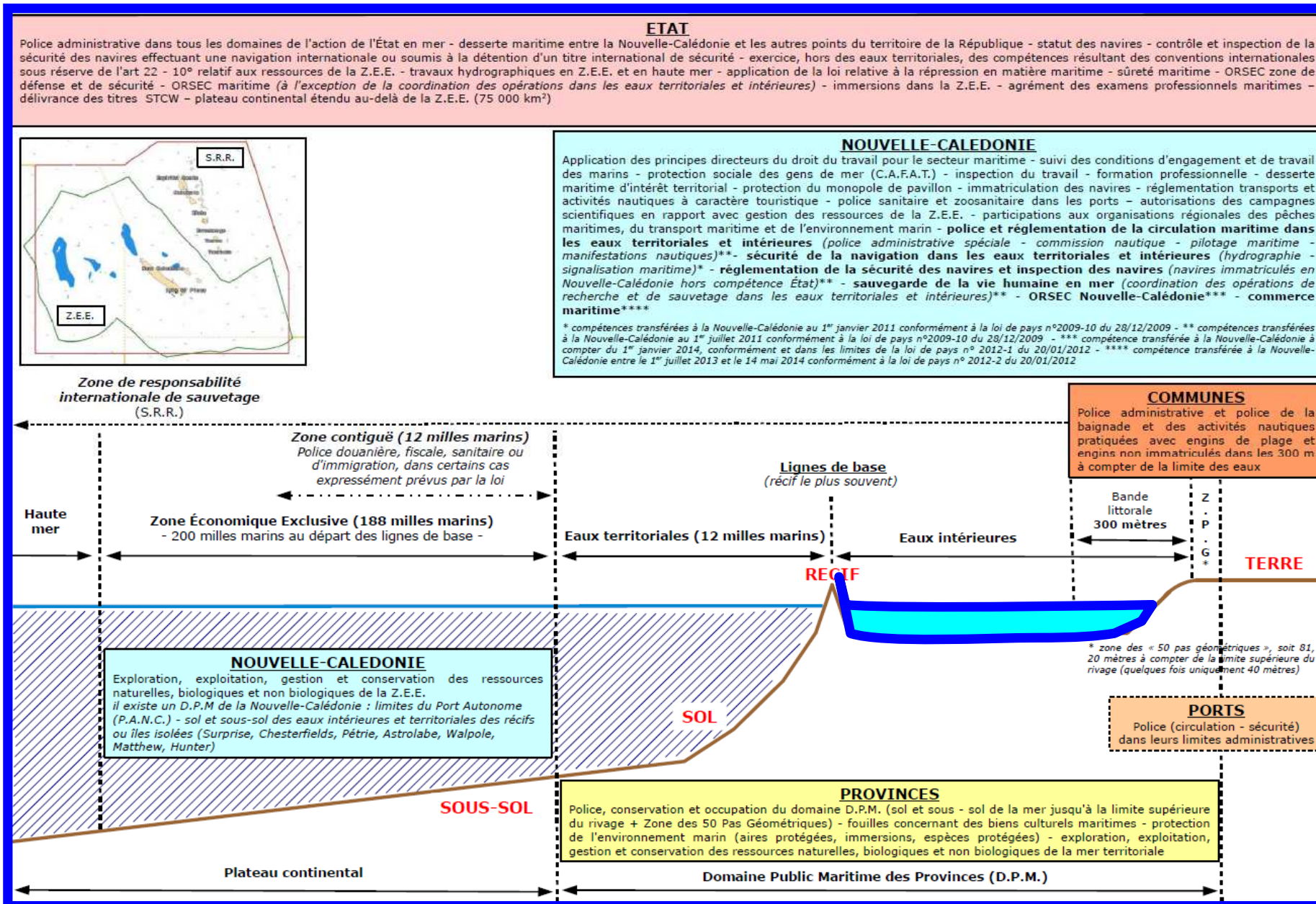


## Superimposition of different authorities...

(environmental and economic development competences)

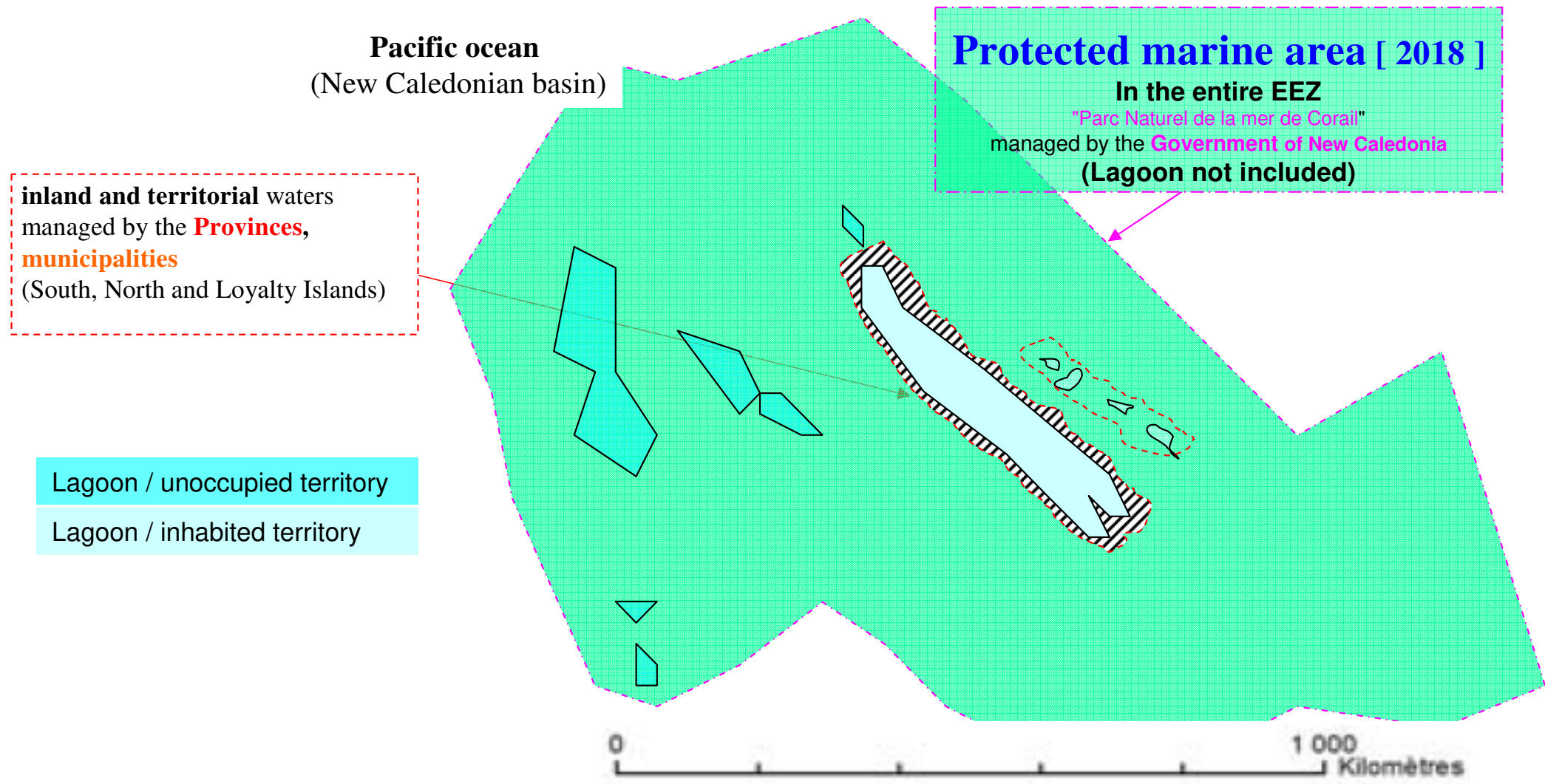


.. therefore, the direction of maritime affairs of New Caledonia had to make the following diagram to explain to the different carriers of projects the distribution of the competences between the different authorities (environmental and economic development competences)



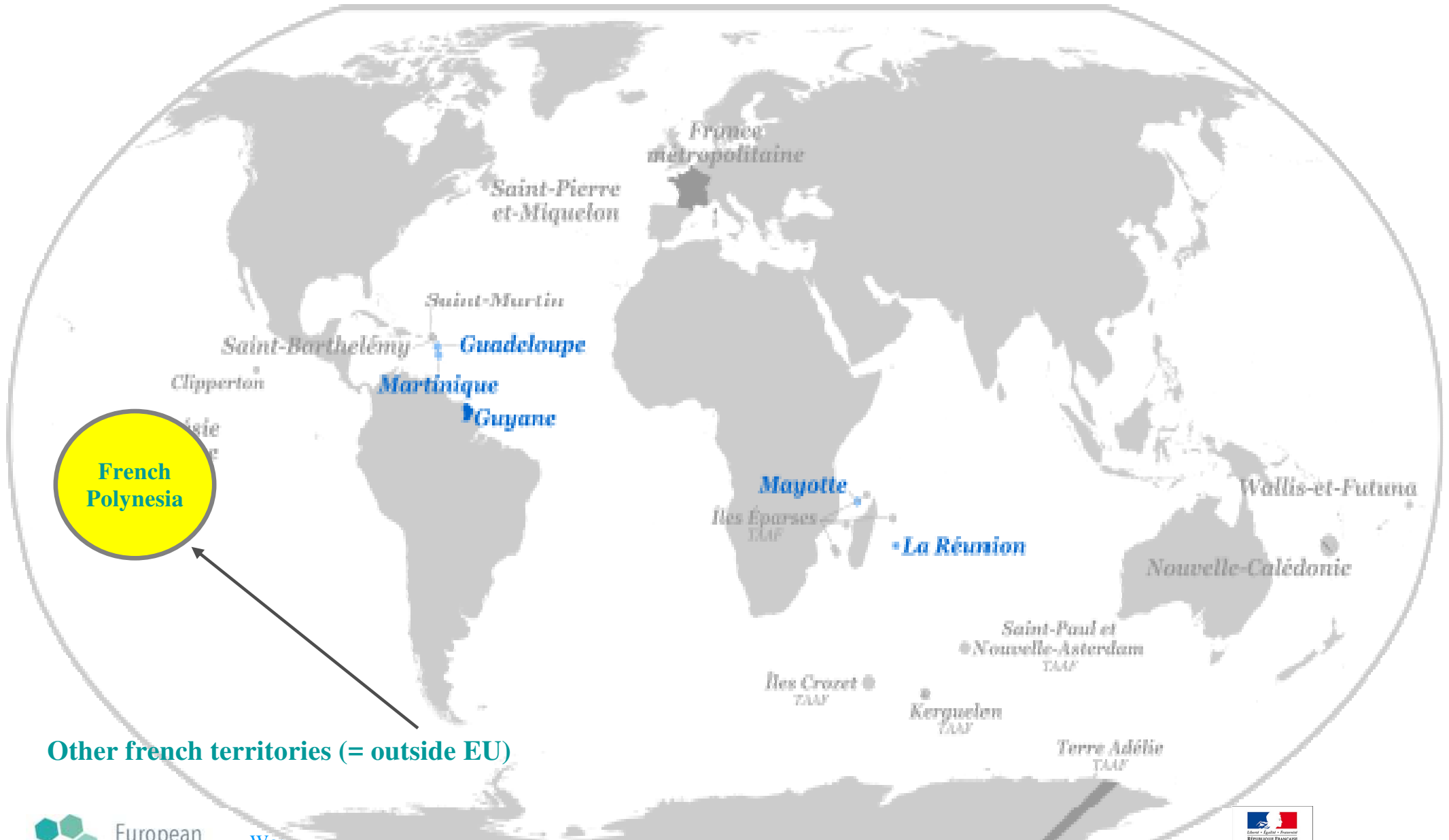
# New Caledonia

**Successful planning** process with the creation of a Marine Protected Area "Coral Sea Nature Park" on a large marine area, including the entire EEZ (without the Grande Terre lagoon) with a 2018-2022 **management plan** approved on 19 March 2018 in a "**regional**" governance (**New Caledonian government and Provinces**), outside the European Union.



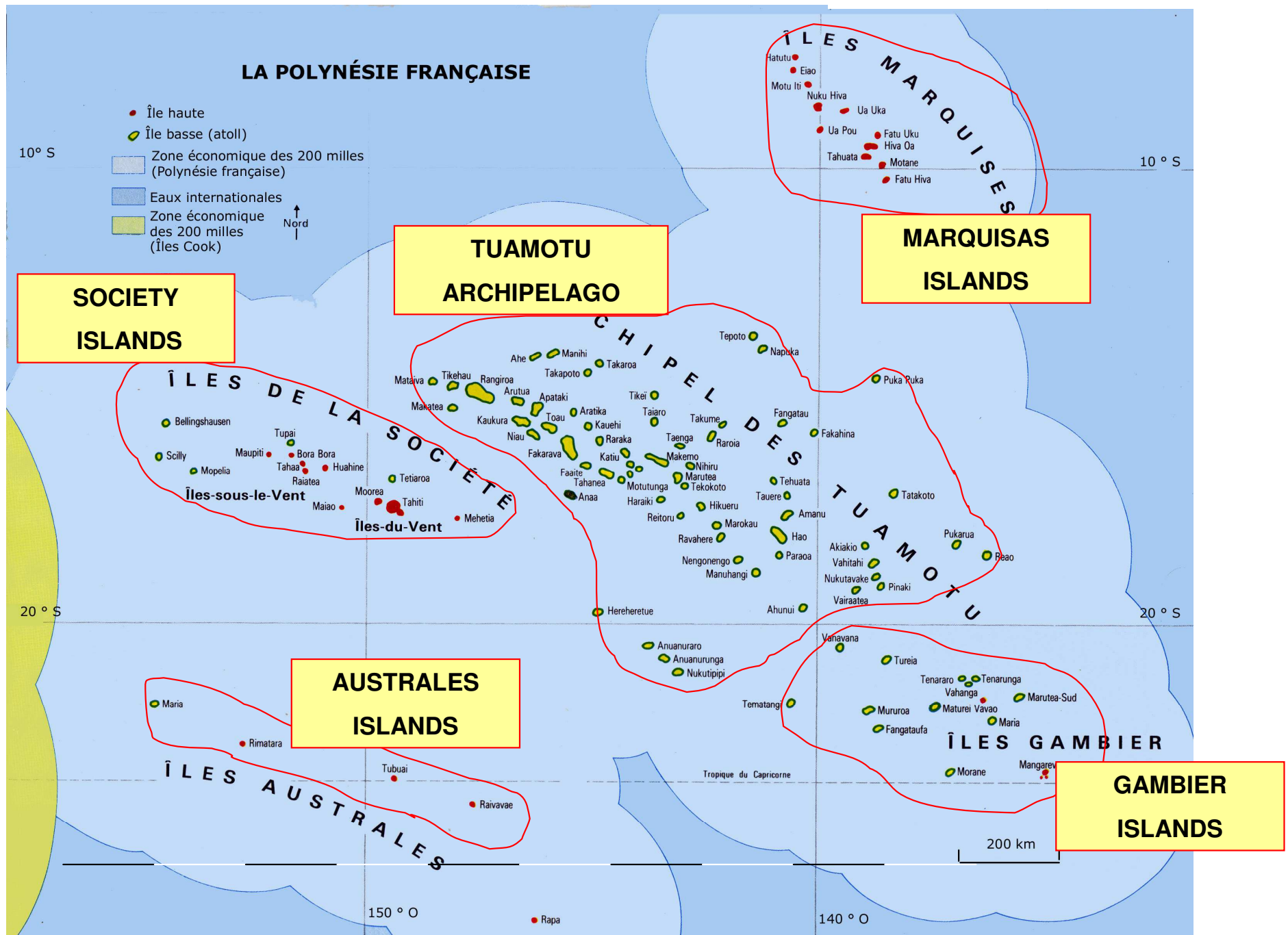
# Example of The french Polynesia

French territories ("DROM" = outermost "région" and "département" (= "RUP" = Outermost region of EU)



Other french territories (= outside EU)



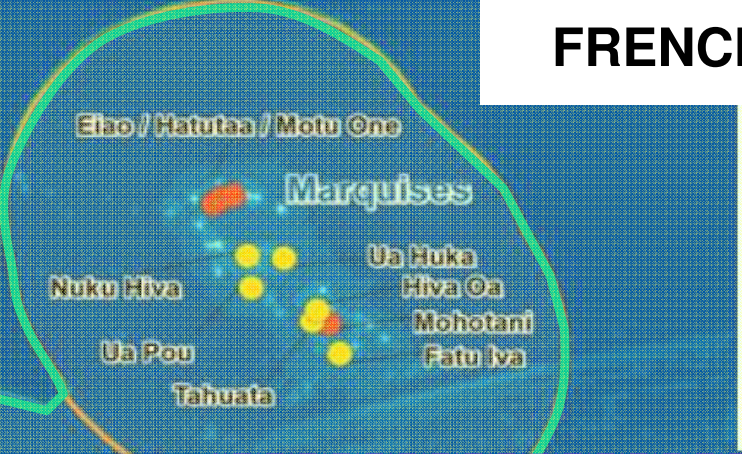


# FRENCH POLYNESIA



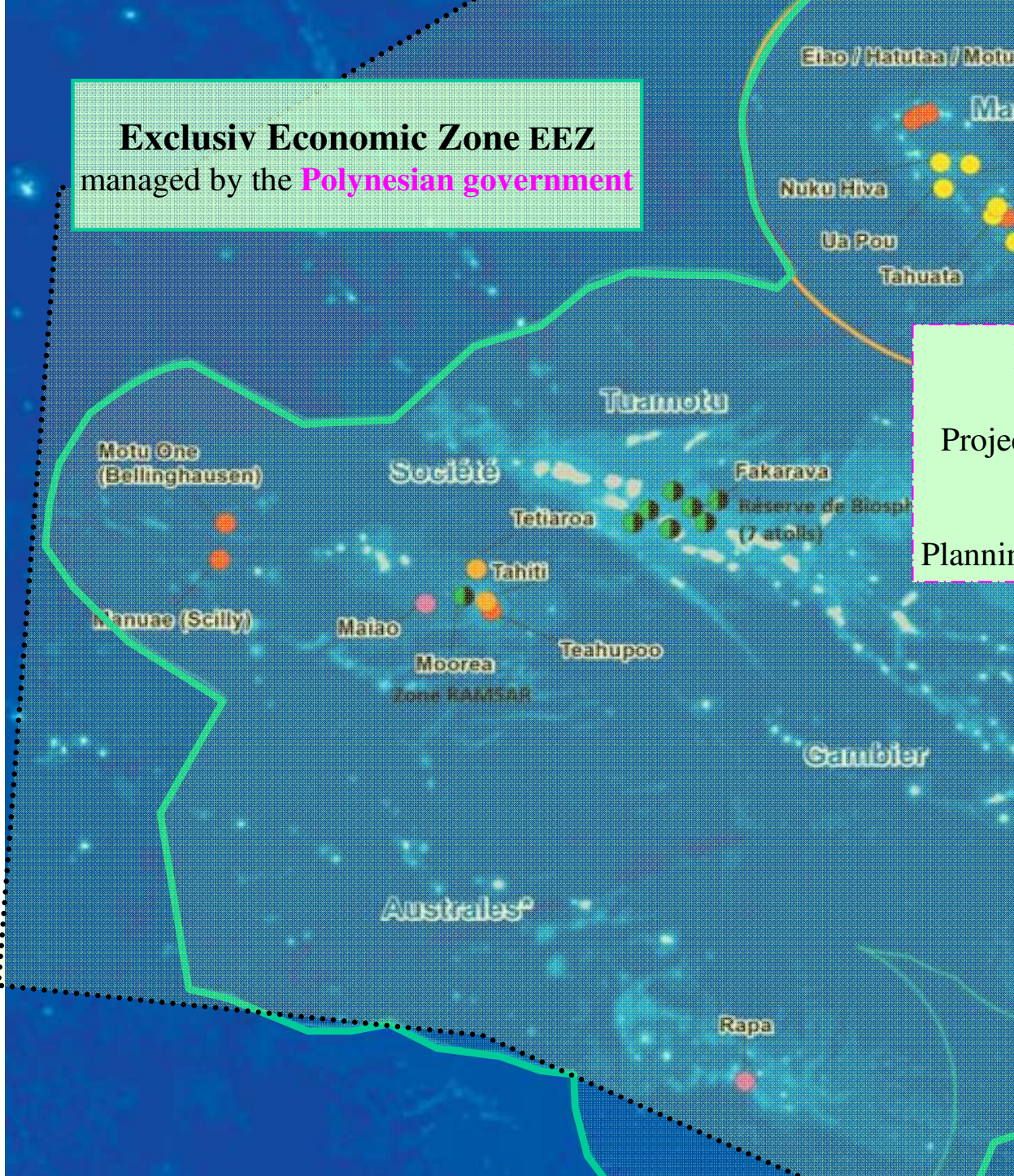
**Exclusiv Economic Zone EEZ**  
managed by the **Polynesian government**

Search and Rescue  
Region (SRR TAHITI)



**No large marine protected large area**

Project 2020 of a very large "Managed marine area"  
"Tainui-Atea",  
(covering the entire EEZ : **5.5 Millions km<sup>2</sup>**)  
Planning managed by the **Government of New Caledonia**



- types of existing planning :**
- Limit of the exclusive economic zone
  - Marine Protected Area of the Marquesas Islands (in consultation phase)
  - Internationally recognized protected marine areas
  - Regulated Fishing Areas (RPZ)
  - Maritime Management Plan
  - Classified sites
  - Marine areas managed by local people
  - Marine educational areas
  - Reflection in progress (conservation of the Austral sea space)

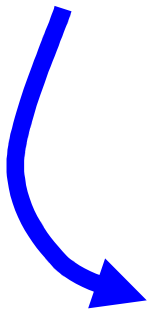
## *French overseas territories :*

*how does planning integrate (... or not) aquaculture activities ?*



## *French overseas territories :*

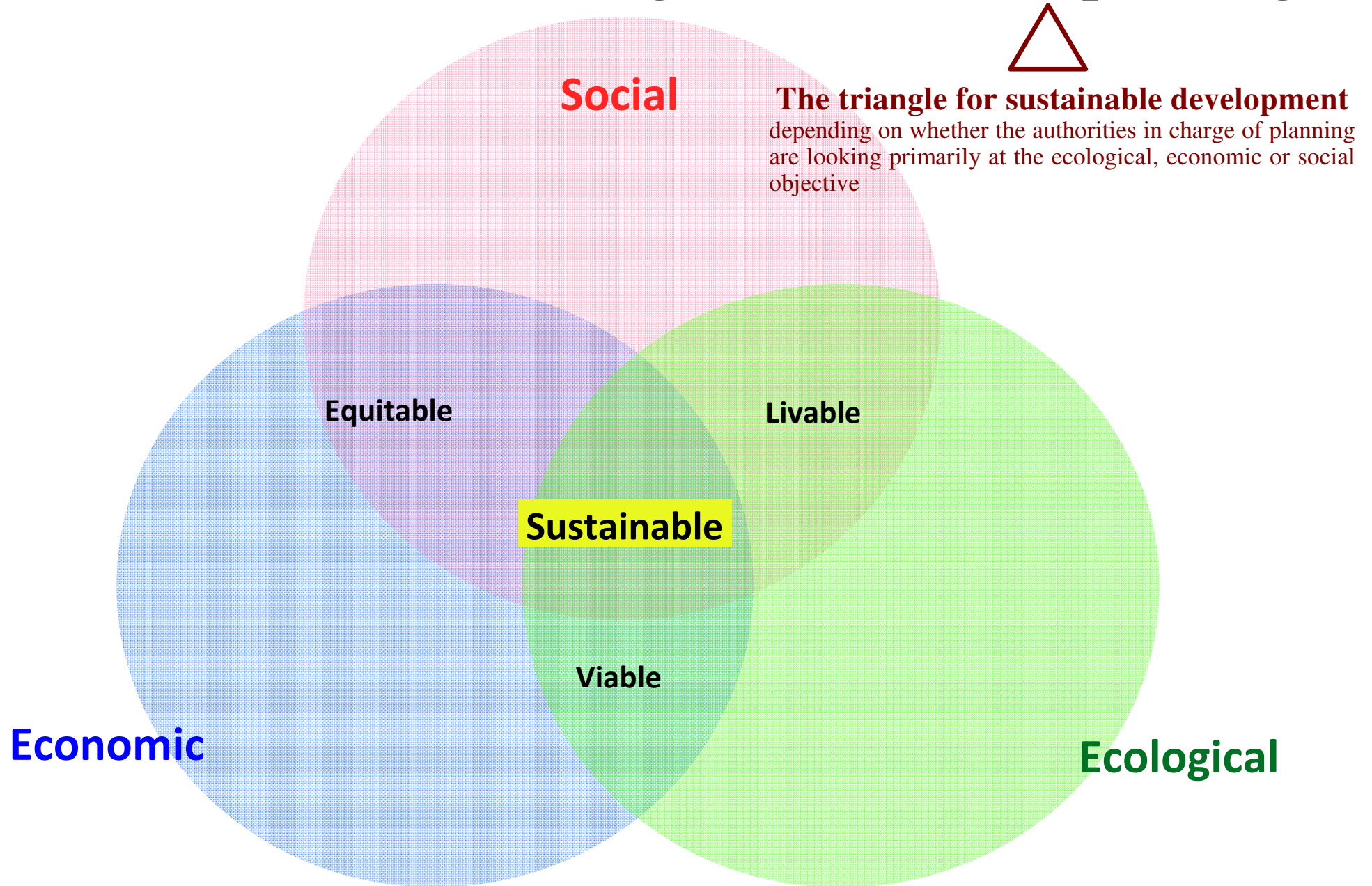
*How did they integrate **aquaculture** into planning?*



*a simplified reading grid*

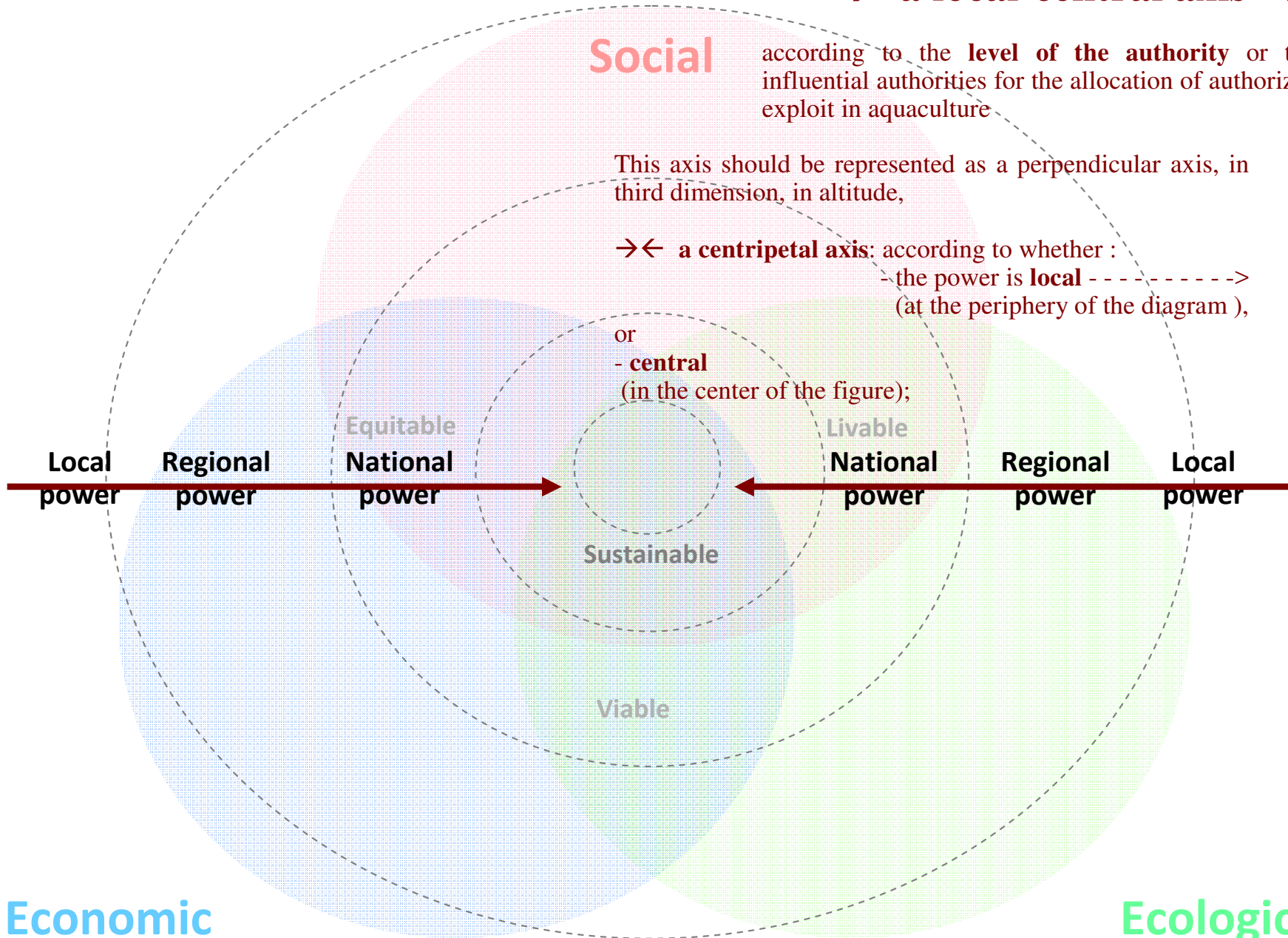


# The triangle of sustainable planning ...



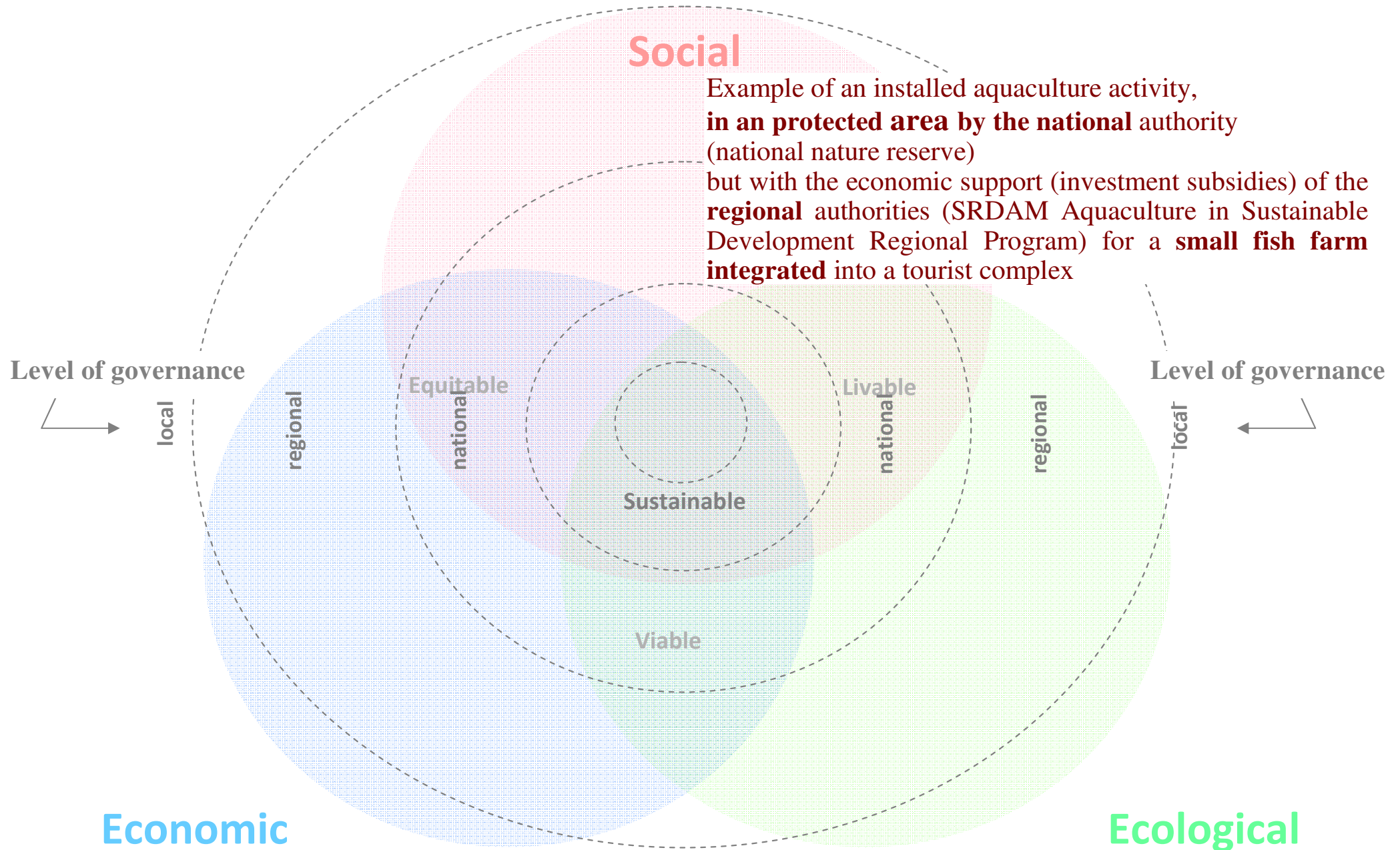
# But ... depending on levels of governance

→ a local-central axis ←

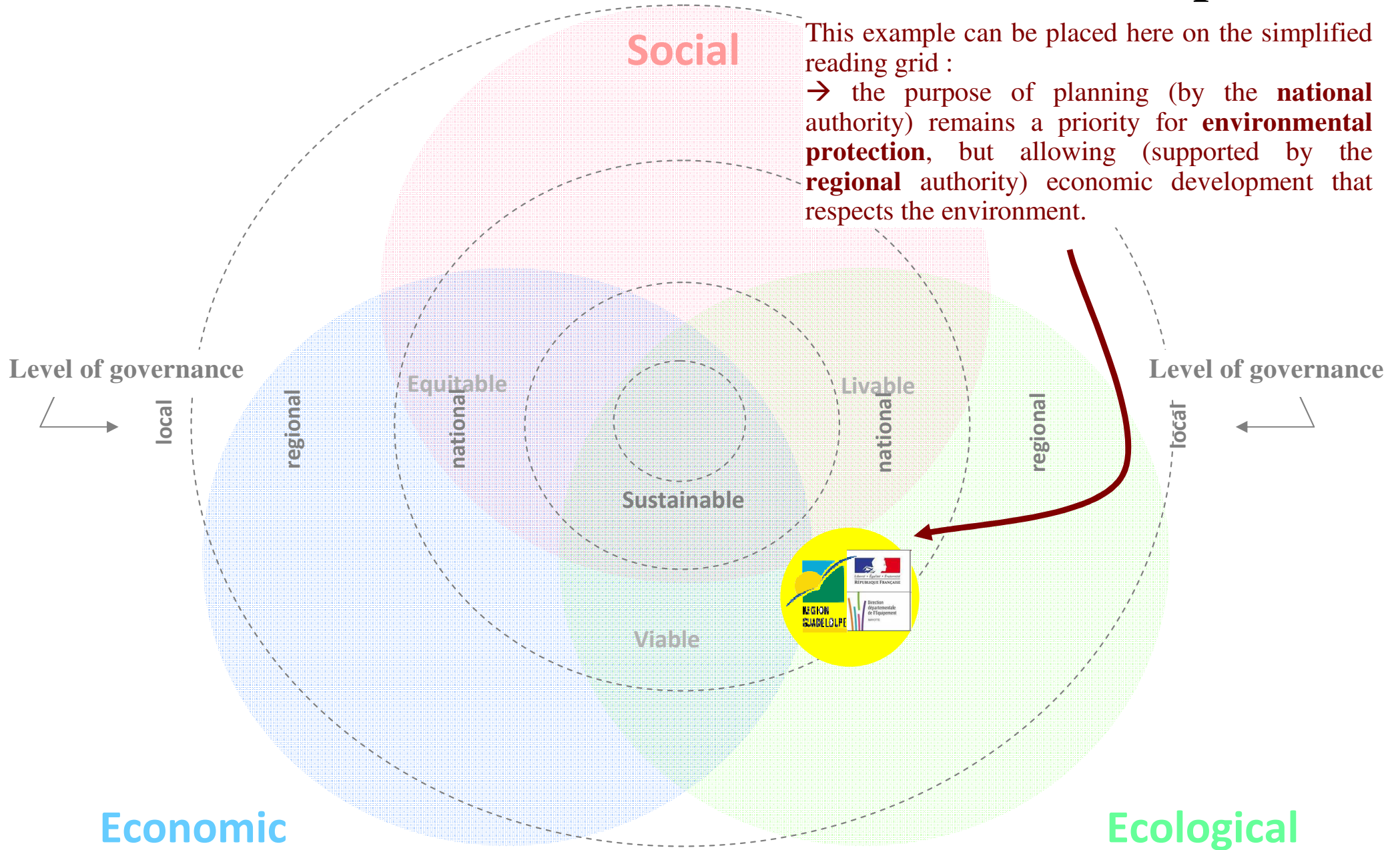


How does this reading grid work?

# Example :

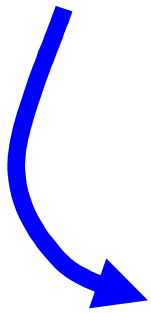


# Example :



## *French overseas territories :*

### *How did they integrate aquaculture into planning?*



Now let's take a look at the **four examples**, to see how different local, regional or national authorities have integrated aquaculture into the planning of the marine and coastal area

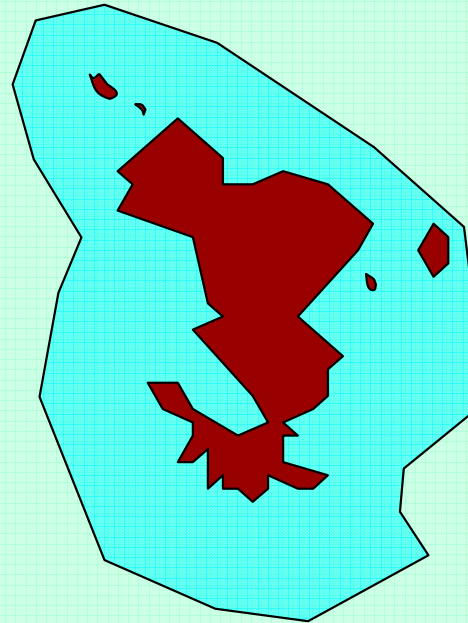


# MAYOTTE

**Protected marine area**  
**"Parc Naturel marin de Mayotte"**  
managed by the **French government**  
**the entire EEZ**  
**(lagoon included)**

**Indian ocean**  
(Mozambic channel)

Lagoon

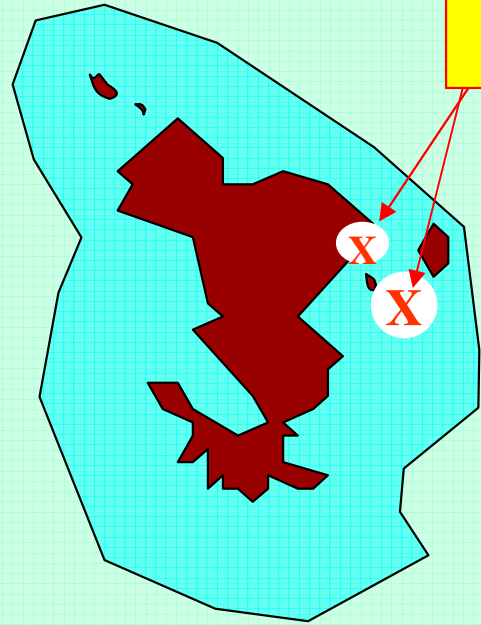


# MAYOTTE

**Protected marine area**  
**"Parc Naturel marin de Mayotte"**  
 managed by the **French government**  
**the entire EEZ**  
**(lagoon included)**

**Indian ocean**  
 (Mozambic channel)

Lagoon



**Fish farm and hatchery**

**Integrated into management plan of the PMA**  
**+ SRDAM (régional scheme for aquaculture development)**  
**(# < 5 t/year)**





# GUADELOUPE

**Protected marine area [ 2009 ]**  
 ("*maritime area adjacent to the National Park*")  
 managed by the **French government**  
 120 km<sup>2</sup>

**EEZ France**  
 (managed by the **French government**)

Carribbean Sea

Shallow lagoon

**Land National Park [ 1989 ]**  
 managed by the **French government**

**National nature reserve**

0

100 km



# GUADELOUPE

**Protected marine area [ 2009 ]**  
 ("*maritime area adjacent to the National Park*")  
 managed by the **French government**  
 120 km<sup>2</sup>

**EEZ France**  
 (managed by the **French government**)

Carribbean Sea

**Fish farm  
and hatchery**

**Integrated into management plan of  
the PMA**  
 + **SRDAM** (régional scheme for  
aquaculture development) [2013]  
 (# < 10 t/year)

Shallow lagoon



**Land National Park [ 1989 ]**  
 managed by the **French government**

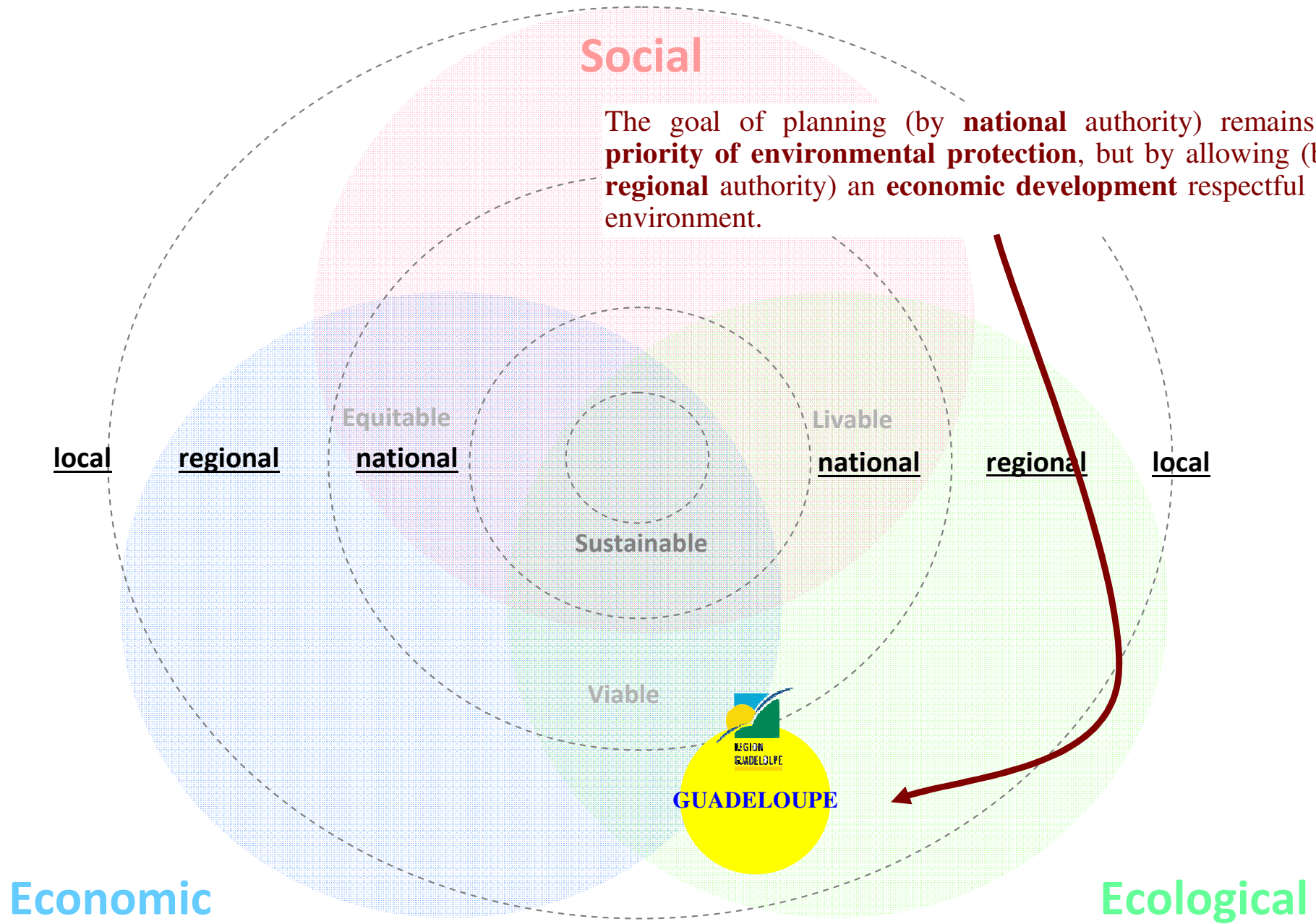
**National  
nature  
reserve**

0

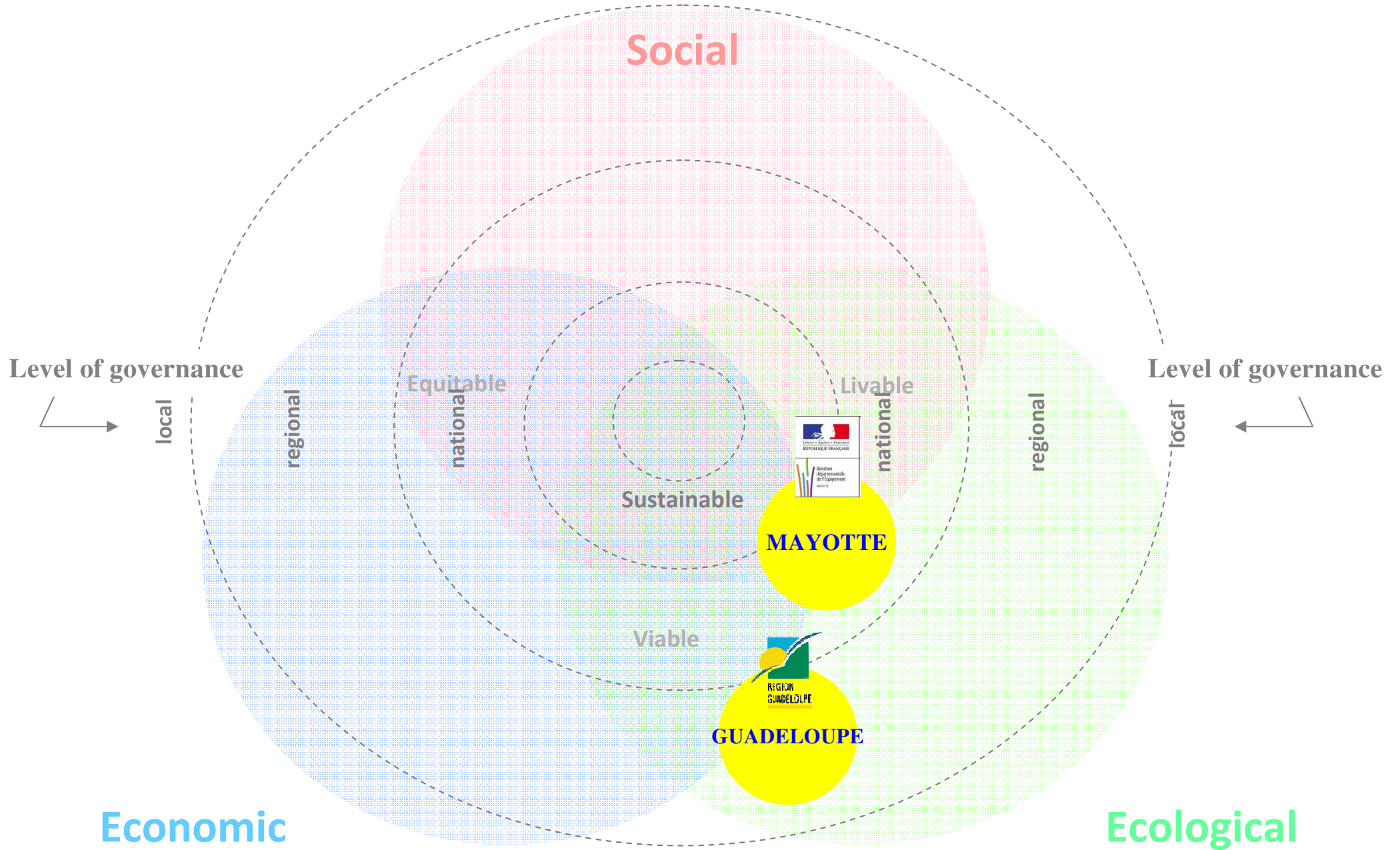
100

km

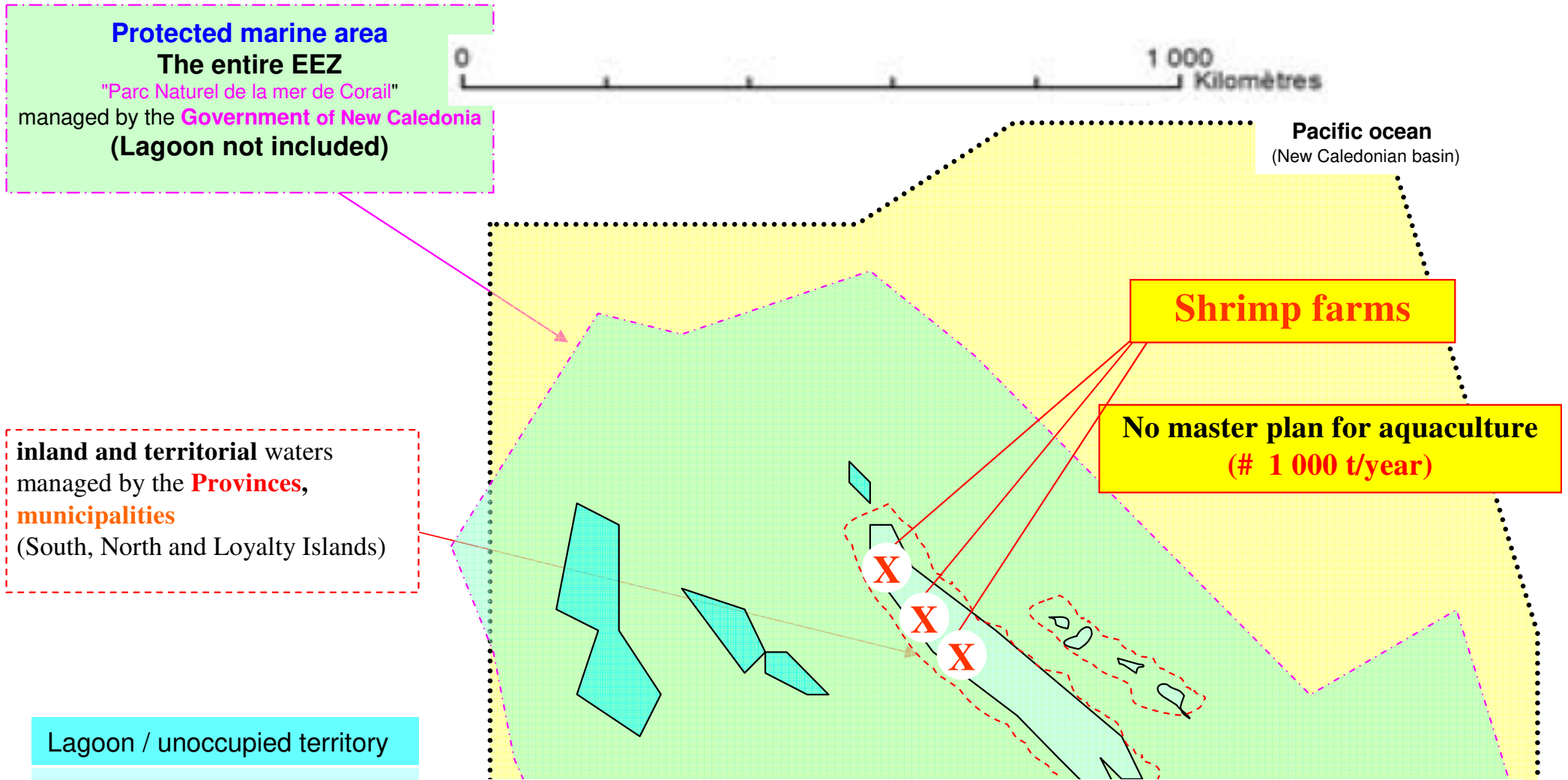




*French overseas territories and aquaculture :*

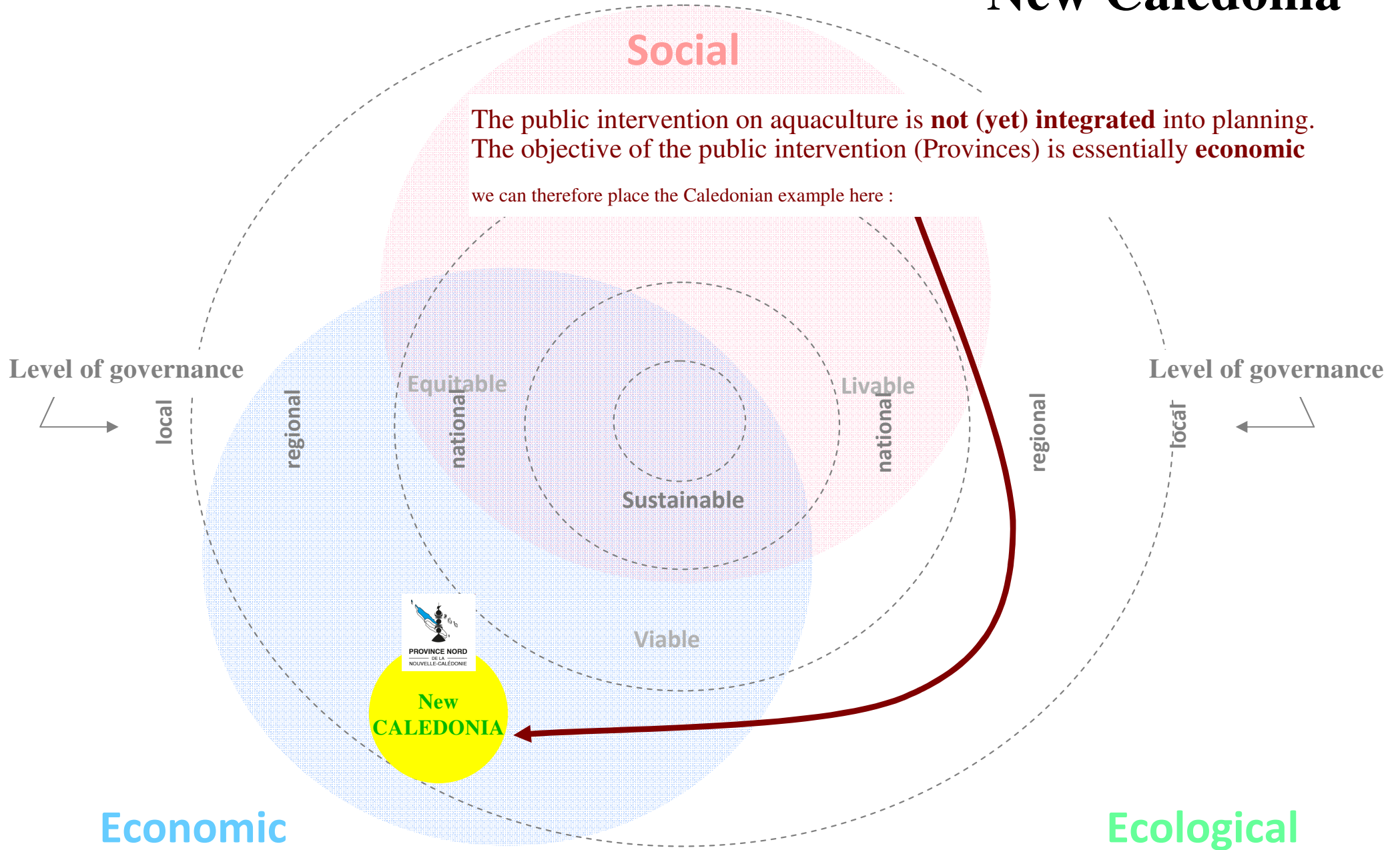


# New Caledonia

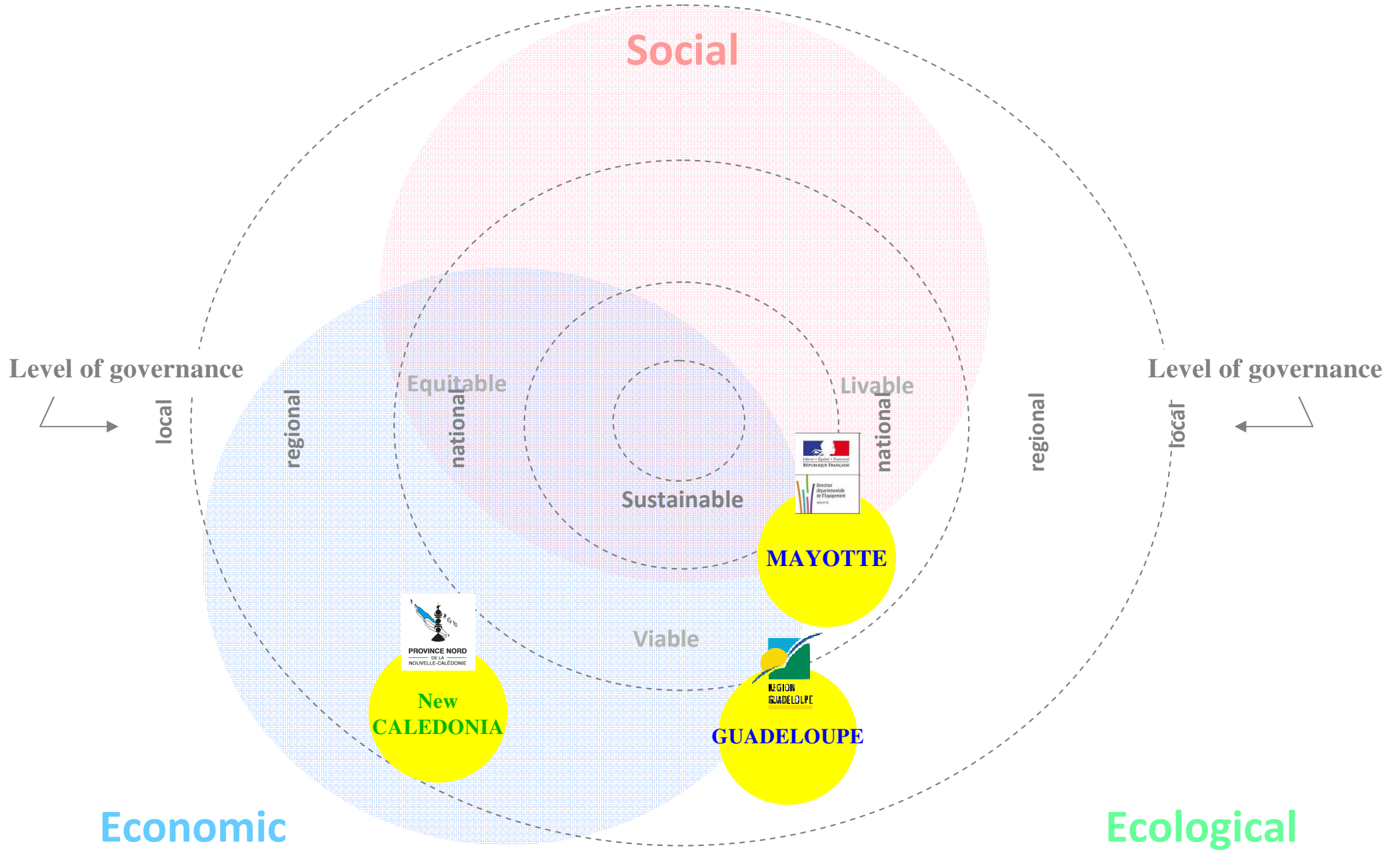


There is **no aquaculture development plan or zoning project**,  
 The existing aquaculture activities (shrimp, mainly, for export) have developed in the Northern Province, thanks to **private initiatives supported by the Provinces**.

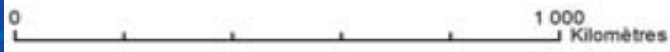




# French overseas territories and aquaculture :



# French Polynesia



Exclusiv Economic Zone EEZ managed by the **Polynesian government**

**Future large managed marine area**  
**The entire EEZ**  
managed by the **Government of Polynesia**  
(Lagoons included)

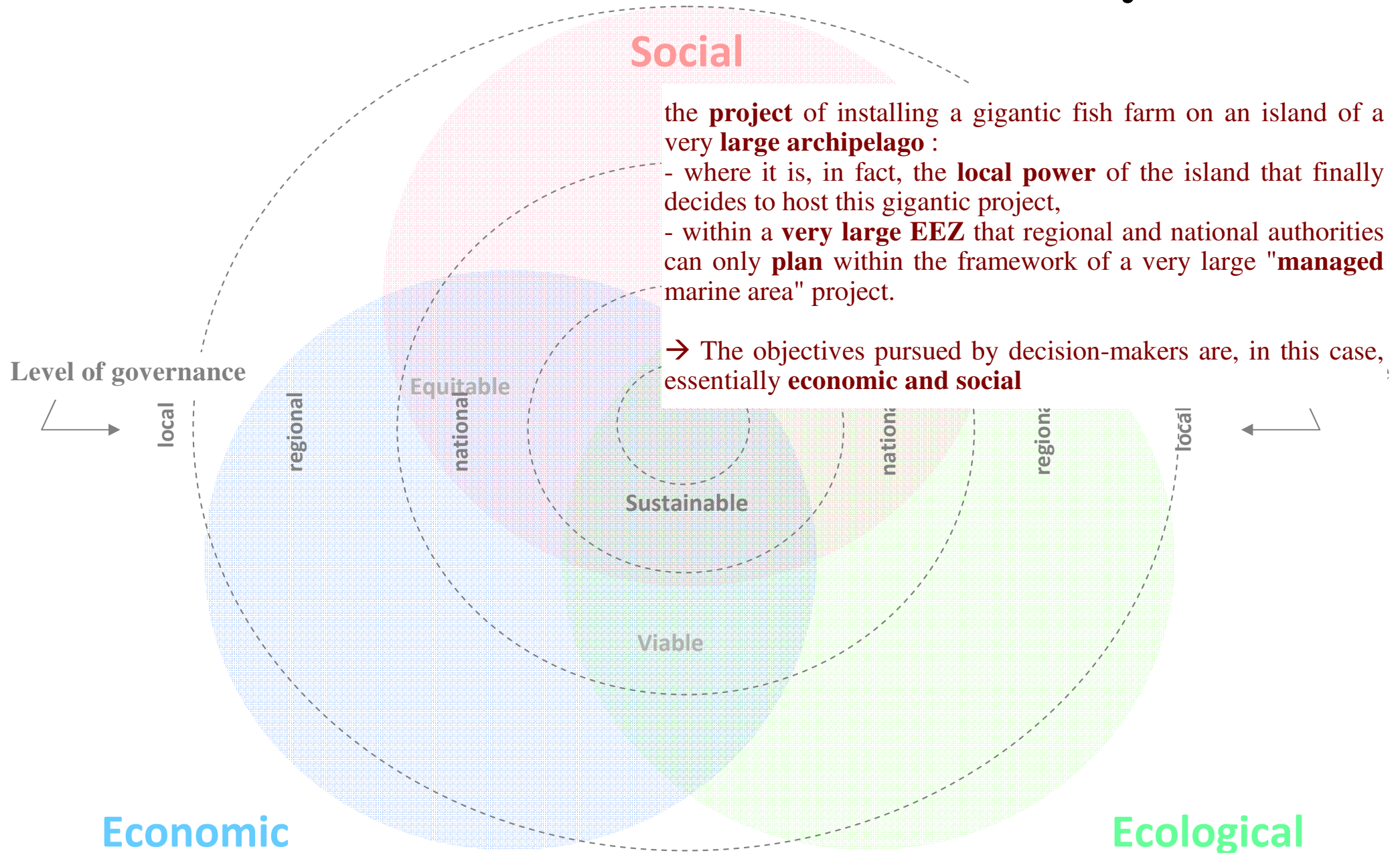
**future master plan for aquaculture and Hao atoll**  
**(# 50 000 t/year)**

**Shrimp and fish farms**  
**# 140 t/year**

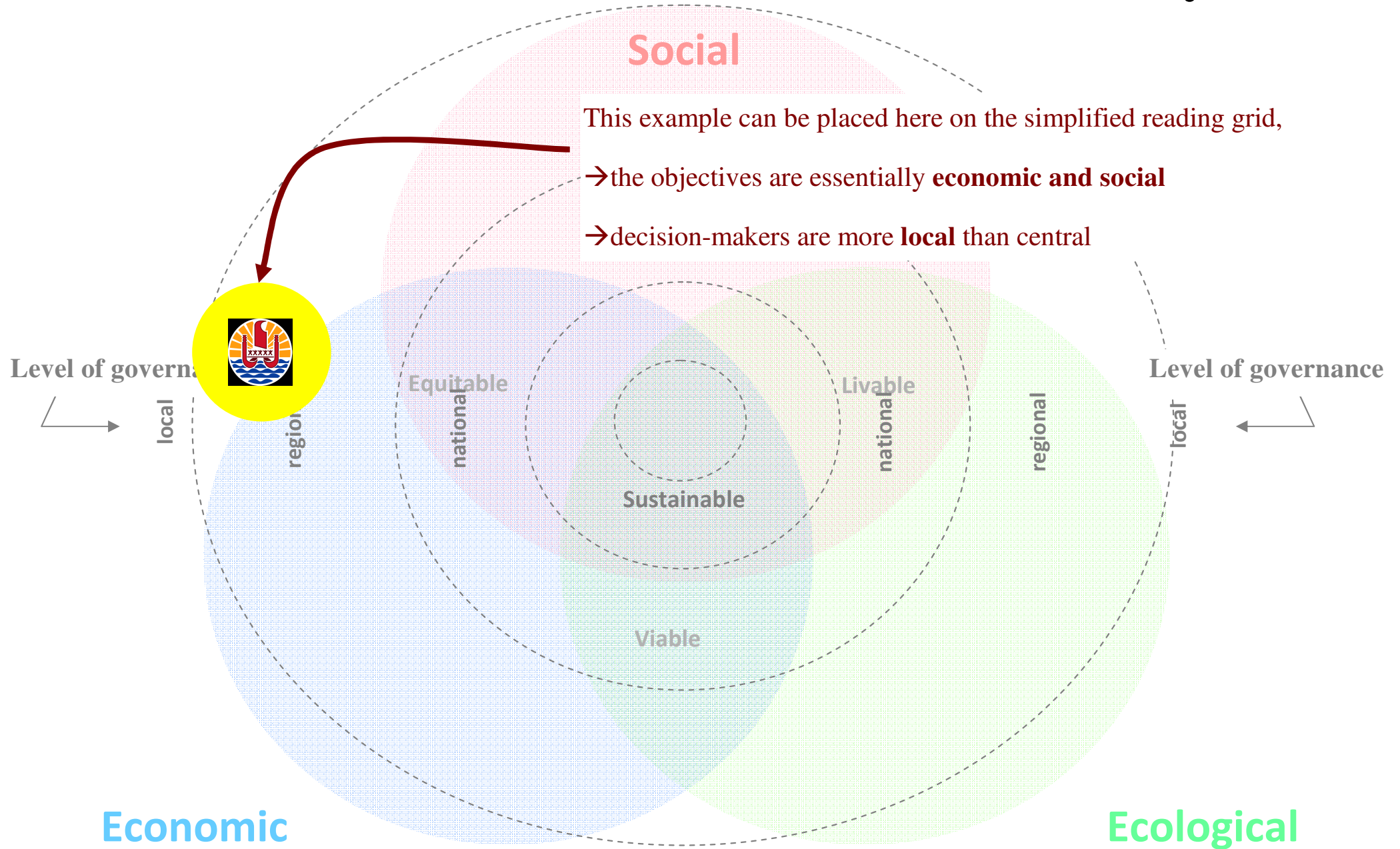
there is an **aquaculture zoning project** developed on the basis of ecological, aquaculture and socio-economic criteria for the **lagoon of the Tahiti peninsula and the Raiatea-Tahaa lagoons**, ...  
And a **major development project**, a **marine fish farming industry on Hao Atoll** and its surroundings, ...;  
all these projects must be integrated in a master plan for aquaculture (which is being developed) throughout Polynesia



# French Polynesia :

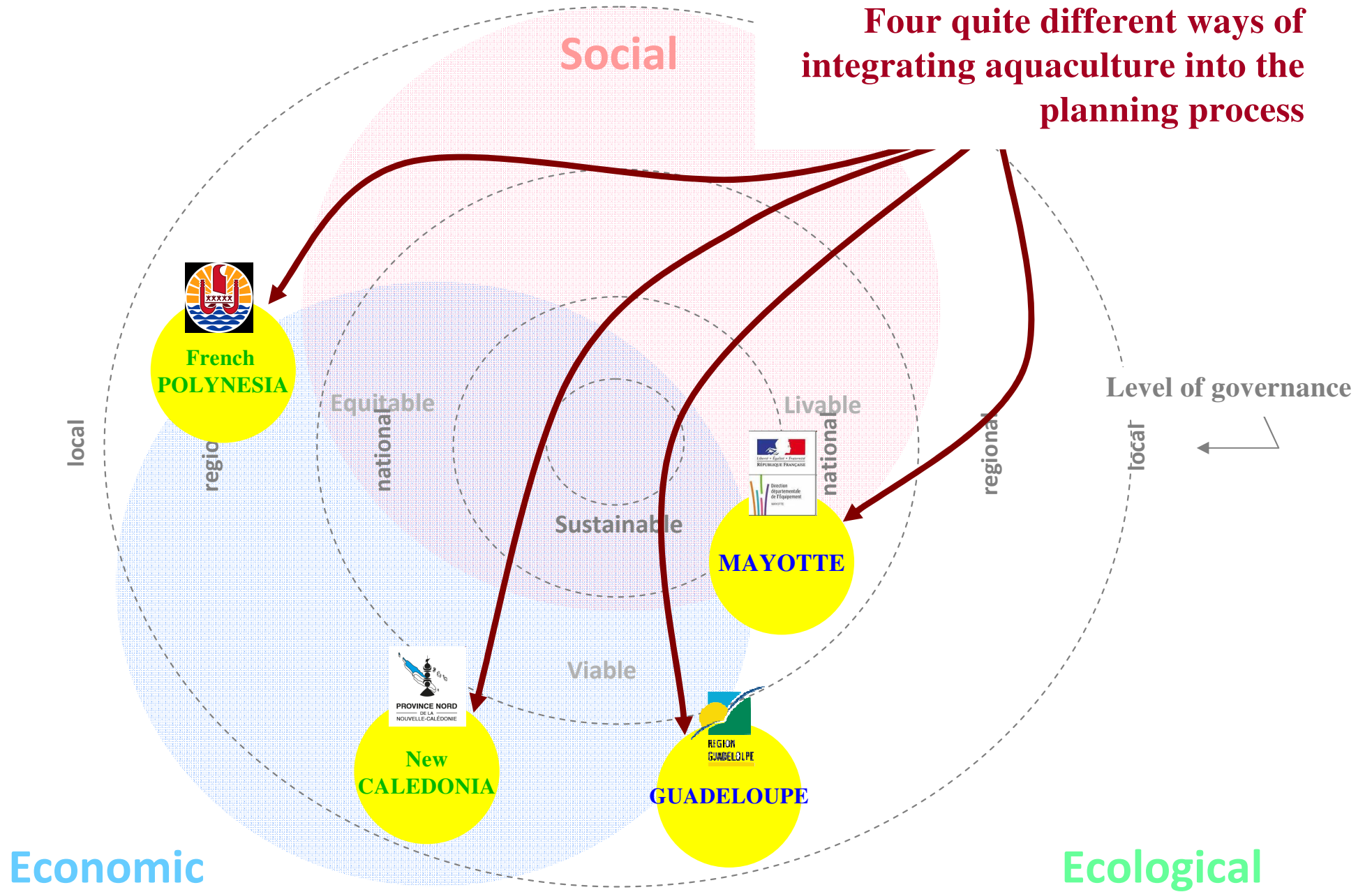


# French Polynesia :



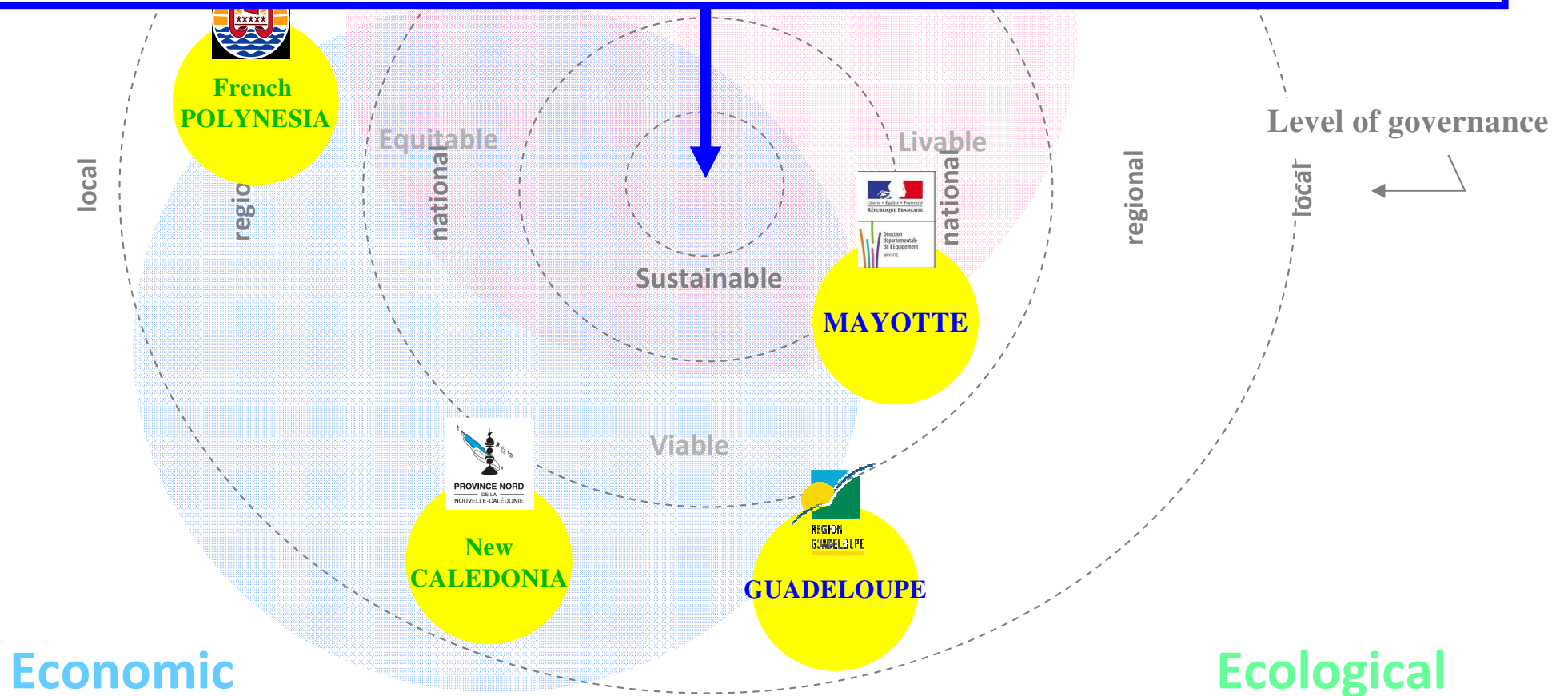
# French overseas territories and aquaculture :

## Four quite different ways of integrating aquaculture into the planning process

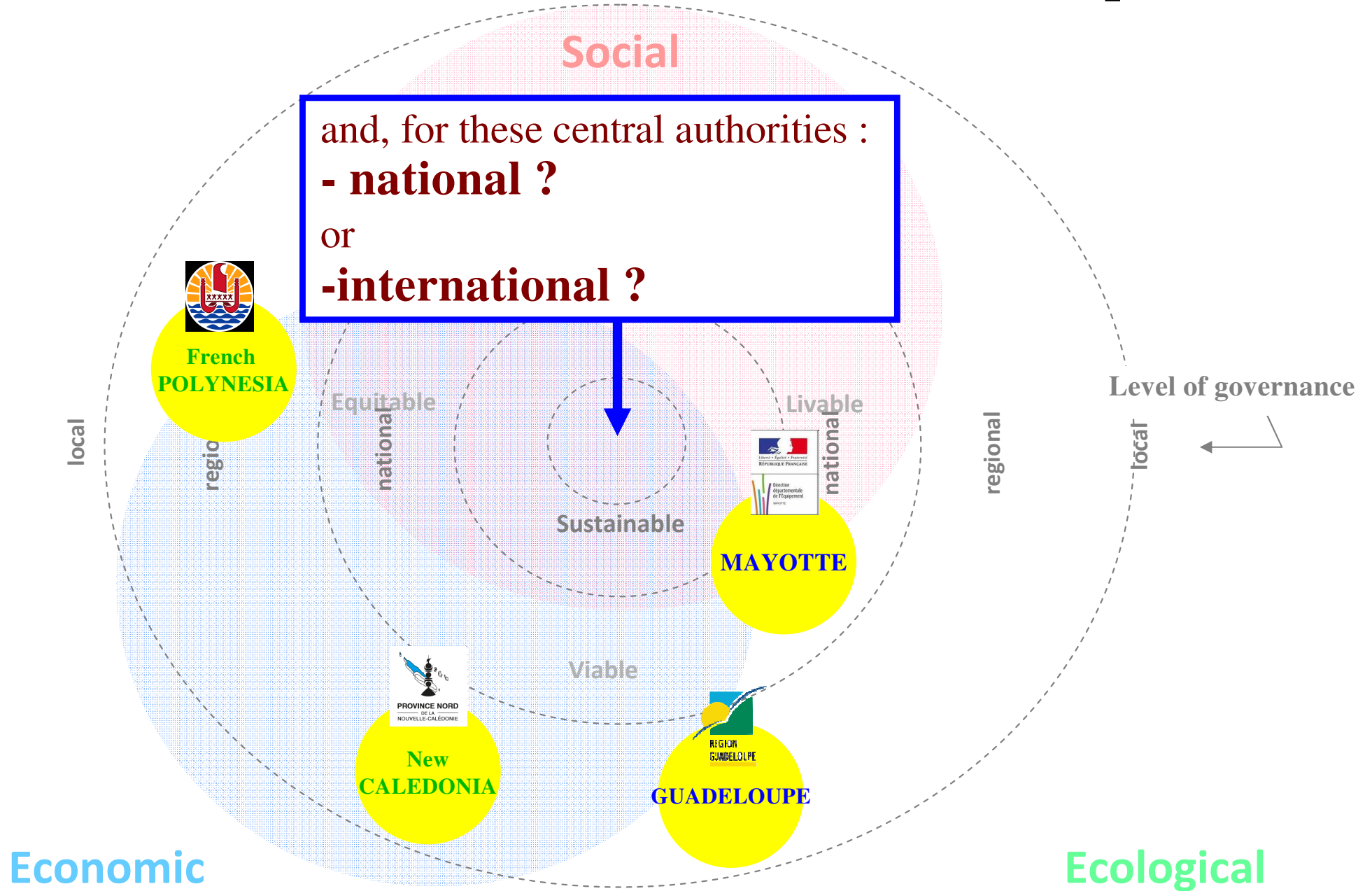


... and for conclusion-question :

**Is it possible to achieve sustainable development objectives ?**  
 (particularly that respect the ecology and the social)  
**→ without strong involvement (and power) of central authorities ?**



# ... and for conclusion-question :





**mauruuru roa**



**Oléti  
Ëi  
Orengo**



**Mési onpil**



**Marahaba**

**for your attention**