

Expert Meeting on  
Coastal Sustainable Development Indicators  
15 December 2006, Sophia-Antipolis (France)

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# Coastal Sustainable Development Indicators : Context - selection process

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# Coastal Sustainable Development Indicators

- Context, objectives and activities
- Framework
- Selection mode and criteria
- Indicators and issues



## Context

- Environment Development Report
- Follow up of the implementation of the de point 2.7 of the Mediterranean Strategy for Sustainable Development
- Protocols : LBS, SPA, ....., ICZM
- PAS-LBS, PAS-BIO, ...
- UE Strategy « Horizon 2020 »



## Coastal Sustainable Development Indicators

- Additional indicators for the follow up of the sustainable development of the Mediterranean coastal areas (Coast and sea)
- Out of the 34 priority indicators of the Mediterranean Strategy for Sustainable Development, adopted by the Contracting Parties in November 2005, only 4 indicators are focused on the costal areas.



## Objectives

- To follow the progress in the consideration of the sustainable development concerns
- To ensure especially the follow up of the implementation of the point 2.7 of the MSSD
- Specifically for the detailed balance (Every 5 years) =>  
1<sup>st</sup> in 2010 = contribution to the 3rd World Summit on Sustainable Development (2012)



## Activities 2005-2006:

- Participation to the EEA and DEDUCE meetings
- Preliminary Study (December 2005)
- Expert Meeting (Plan Bleu, December 2006) :  
"To Select some Additional indicators for the follow up of the sustainable development of the Mediterranean coastal areas (Coast and sea)"



## Activities 2007:

- National tests (January - September 2007)
- Expert Meeting (Plan Bleu, End 2007)  
To validate the “selection of the additional indicators”

## Activities 2008 - 2010:

- Publication of the Methodological sheets
- Data collection and processing
- Reports and WEB pages



# Analysis grid

		Water	...	Tour	...	Coast	Sea	.....
Environment	Climatic Change							
	Loss of Biodiversity							
	Protection of Seas and Oceans							
Economy	Growth and distribution of the growth benefits							
	Jobs creation							
	Regulation of the globalisation							
Social	Access for all to the essential services							
	Reinforcement of the health and education							
	Fight against discriminations							



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## MSDD Objectives

2.7. Promoting sustainable management of the sea and coastal zones and taking urgent action to put an end to the degradation of coastal zones

1. Strengthening regional cooperation

2. The integrated management and development of coastal zones

3. Preventing and reducing pollution from ships

4. Preventing and reducing land-based pollution

5. Protection of marine and coastal biodiversity and marine resources



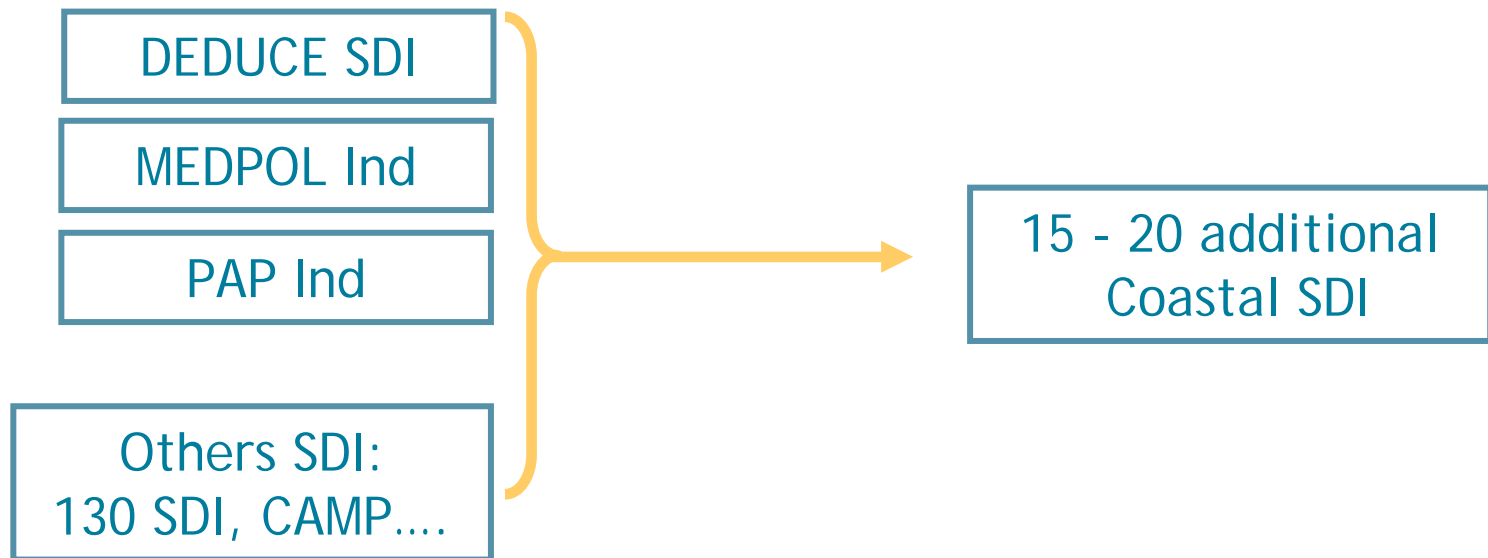
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## Selection mode



## Selection criteria

Note	0	1	2
Relevance	No*	Average	Very much
Sustainability threshold	No	To be defined	Exists
Definition	No	Inaccurate	Well defined
Availability	No	In the long term	Available
Institution in charge	No	To be defined	Exists

\* Eliminary



## 4 priority coastal SDI

### 2.7. Promoting sustainable management of the sea and coastal zones and taking urgent action to put an end to the degradation of coastal zones

Push back urbanization to prevent artificialization of coasts. Avoid linear and continuous urbanization.	23	Share of artificialised coastline
Eliminate operational pollution from ships by 2025.	24	Operational pollution from ships
Reduce pollution from land-based sources. Halve by 2015 the number of coastal urban inhabitants with no access to sanitation.	25	Proportion of coastal urban population connected to a sanitation network
Bring at least 10% of the marine and coastal surface under some form of protection.	26	Surface of protected coastal and marine areas



## Some additional indicators

1. Share of the surface area of posidonia in the infra-coastal zone
2. Coastal erosion
3. Accidental oil spill from marine shipping
4. Rate of DBO5 at the rivers mouth
5. Aquaculture production
6. Number and average power of fishing boats
7. Fishing production per broad species groups
8. Bathing water quality
9. Nutrients (N and P) concentration in coastal waters
10. Turbidity in coastal waters
11. Distribution of exotic species across the Mediterranean sea
12. Annual public expenses on coastal and marine protected areas management
13. Share of protected coastline



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## Issues to monitor ?

- Preserve, enhance or restore the coastal heritage
- Take account of the fragility of the environment in planning and development.
- Reduce the vulnerability of sensitive areas to natural risks .
- Prevent and reduce land-based pollution.
- Prevent the Marine Pollution (accidents) from Ships .
- Halt / Reduce the loss of marine and coastal biodiversity.
- Encourage fishing and aquaculture practices that are compatible with the protection of biodiversity and the sustainable management of marine resources.



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