Integrated Coastal Zone Management and Europe

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Format of talk

- What is ICZM
- Europe and the coast
  - non-ICZM specific
- Europe and ICZM
  - ICZM programme development
  - ICZM Recommendation
What is Integrated Coastal Zone Management (ICZM)?
Where is the ‘coastal zone’?

- a strip of land AND sea
- of varying width
- depends on:
  - nature of environment
  - management needs
NOT sectoral management

Industry

Recreation

Conservation

Coastal defence

Shipping & navigation

Renewable Energy
SOME POTENTIALLY CONFLICTING USES OF COASTAL RESOURCES

- **Agriculture and other upland activities**
  - e.g. logging (run-off of fertilizers, pesticides, silt)

- **Industry**
  - (Air and water pollution, thermal waste)

- **Urban settlement**
  - (sewage, garbage, storm run-off, dredging and filling)

- **Recreation and tourism**

- **Marine reserve**

- **Aquaculture**
  - (conversion of wetlands to fish ponds, discharge of wastes)

- **Transportation**
  - (oil spills, dredging)

- **Fishing**
  - (overfishing, destructive methods)

Source: UNESCO
What is ICZM?

MULTI-SECTORAL / MULTI-DISCIPLINARY

It seeks to integrate all the relevant policy areas, sectors and levels of administration – terrestrial and marine

a PROCESS of management

ICZM should cover the cycle of information collection, planning, decision-making, management and monitoring of implementation

promotes SUSTAINABLE DEVELOPMENT
Key functions of ICZM

- Promoting sustainable economic development
- Reducing conflicts
- Integrating marine activities
- Improving landuse planning
Types of ‘integration’

- Inter-sectoral
- Inter-governmental
  - vertical /horizontal
- Spatial
  - land-sea / scale
- Science-management/policy
Europe and the coast
Relevant EU legislation & policies - non-ICZM specific

- Legislation
  - Sectoral (Water quality; Nature conservation)
  - Horizontal (EIA, SEA)

- Policies
  - Common Fisheries Policy (CFP)
  - Common Agricultural Policy (CA)
  - European Spatial Development Perspective (ESDP)
  - Trans-European transport network Policy (TEN-T)
  - European Marine Strategy
EU programmes: non-ICZM specific

Environmental Action Programmes
*Environment 2010: Our future, our choice*

Priority areas:
- climate change
- nature & biodiversity
- environment & health
- natural resources & waste
EU funding instruments: non-ICZM specific

Funding sources

- European Regional Development Fund (ERDF)
- LIFE-Environment program
- INTERREG
Europe and ICZM
European Coastal issues

- urbanisation / littoralisation
- mass tourism
- overexploitation of resources
- coastal zone pollution
- eutrophication
- long-term effects of climate change and sea-level rise
EU Demonstration Programme on Integrated Management in Coastal Zones 1997-1999
Demonstration programme

Sites / projects:

Thematic analyses
Issues arising from EU ICZM Demonstration Programme

- Policy / legislation issues
- Funding issues
Other European Coastal Issues

- Inadequate stakeholder involvement
- Rigid bureaucratic systems
- Sectoral legislation & policy
- Lack of adequate resources & political support
- Lack of vision & limited understanding
European ICZM outcomes

- European Commission
  - ICZM Strategy
  - Proposal for ICZM Recommendation
- European Council and Parliament
  - Recommendation on the implementation of ICZM in Europe (May 02)
- Other EC activities
  - Information dissemination on ICZM
  - Other studies (socio-econ; tourism; erosion)
  - Indicators
  - High Level Forum
EU ICZM Recommendation

Strategic Approach ...

Stocktaking

National Strategies

Principles
The EU ICZM Recommendation

“Members States to undertake an overall stocktaking to analyse which major actors, laws and institutions influence the management of their coastal zone.”

“Member States to produce National Coastal Management Strategies”
What are the EU principles of ICZM?

- Take a broad perspective
- Take a long term perspective
- Iterative management
- Local specificity (be locally relevant!)
- Work with natural processes
- Involve all stakeholders
- Involve relevant bodies
- Use combination of instruments
Implications for ICZM in Southern Irish Sea area?

Further info: http://europa.eu.int/comm/environment/iczm/home.htm