

# a new ICZM for an era of uncertainty



Brian Shipman

# ICZM Integrated Coastal Zone Management

About **30** years old - “*Generation X*”

Endorsed in **1992** – Rio Summit

Conceived and matured in a period of:

- relative stability and policy consensus
  - steady GDP growth
  - (relative) security

*Globally recognised: World Bank, UNEP, EU etc.*

*...new and innovative*



# ICZM Integrated Coastal Zone Management

## What is ICZM?

“ICZM is a dynamic, multidisciplinary and iterative process to promote sustainable management of coastal zones. It covers the full cycle of information collection, planning (in its broadest sense), decision making, management and monitoring of implementation.

ICZM uses the informed participation and cooperation of all stakeholders to assess the societal goals in a given coastal area, and to take actions towards meeting these objectives. ICZM seeks, over the long-term, to balance environmental, economic, social, cultural and recreational objectives, all within the limits set by natural dynamics. 'Integrated' in ICZM refers to the integration of objectives and also to the integration of the many instruments needed to meet these objectives. It means integration of all relevant policy areas, sectors, and levels of administration. It means integration of the terrestrial and marine components of the target territory, in both time and space. “

*European Commission*



readability index

score = **18**

# global uncertainties

## Climate change

*“sea-level rise...*

*...coastal erosion*

*...changing storm patterns”*

*(IPCC, 2007)*



*how much?*

*Where?*

*When?*





# global uncertainties

## Climate change

*potential 20 million  
climate refugees  
globally by 2050  
(UNHCR)*



# global uncertainties

Climate change

*from dictatorship*

“Arab Springs & Orange Revolutions”

*...to democracy*



GOSTENDE | 27-29 NOV 2012 | INTERNATIONAL CONFERENCE  
**LITTORAL**

# global uncertainties

Climate change  
“Arab Springs & Orange Revolutions”

*from dictatorship  
...to democracy*

*...to intra-state  
conflict &  
violence?*





# global uncertainties

Climate change  
“Arab Springs & Orange Revolutions”  
Western “social recession”

**97%** of communities  
have become more  
socially fragmented  
over past 30 years

*Changing UK (Dec 2008), BBC Report*

Level of social trust  
has almost **halved**  
over the last 40  
years

*Civic Culture Study 1959; European  
and World Values Surveys 1990-  
2002/03 (Germany, Italy, Mexico, UK  
& USA)*





# global uncertainties

Climate change

“Arab Springs & Orange Revolutions”

Western “social recession”

Corruption – micro and macro



*“74% of Europeans state that corruption is a major problem in their country”*

(Transparency International)

# global uncertainties

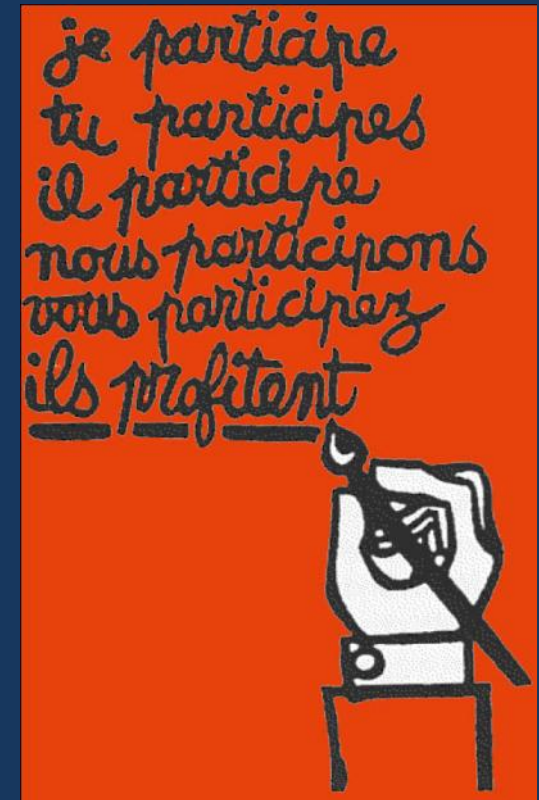
Climate change

“Arab Springs & Orange Revolutions”

Western “social recession”

Corruption – micro and macro

Corporatism and globalization



# global uncertainties

Climate change

“Arab Springs & Orange Revolutions”

Western “social recession”

Corruption – micro and macro

Corporatism and globalisation

**Economic crisis**

**theguardian**

*“George Osborne, picked on the refusal of dredging of the Falmouth Bay as an example of the "gold-plating of EU rules on things like habitats" ....*

*He urged the project's approval”*

*November 2011*





# ICZM's own uncertainties

“New kids on the block” - **policy rivals**

The new “**coastal agenda squeeze**”

*Marine Spatial Planning (MSP)*

*Integrated Water Resources Management (IWRM)*

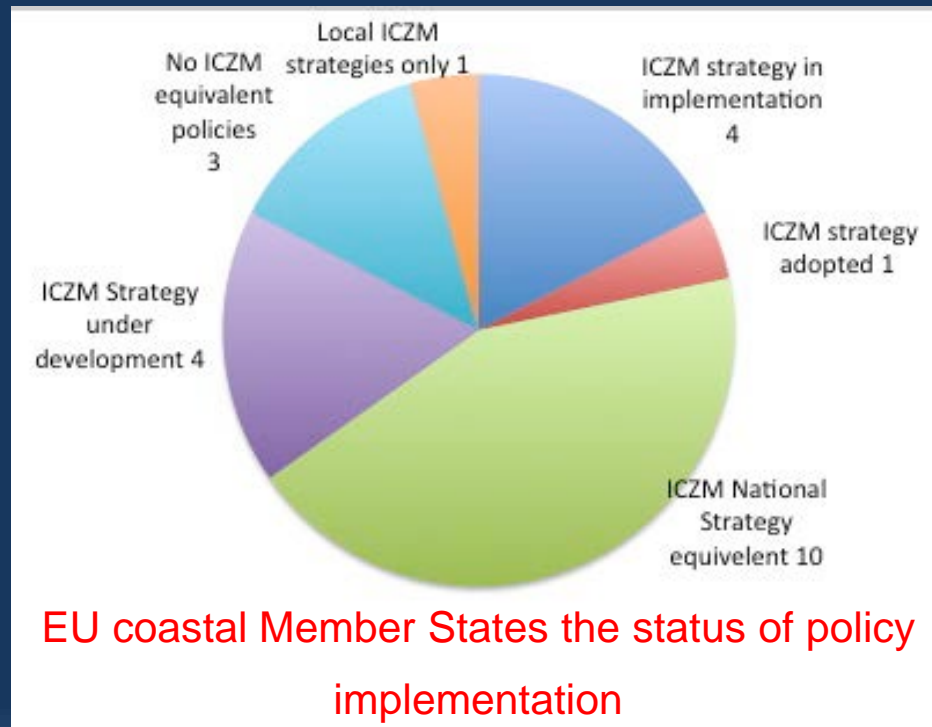
*etc.....*



# ICZM's track record

## Limited success or uptake

*Analysis of Member States progress reports on Integrated Coastal Zone Management (ICZM) 2011*



# ICZM's track record

Limited success or uptake

Short-term, project-based

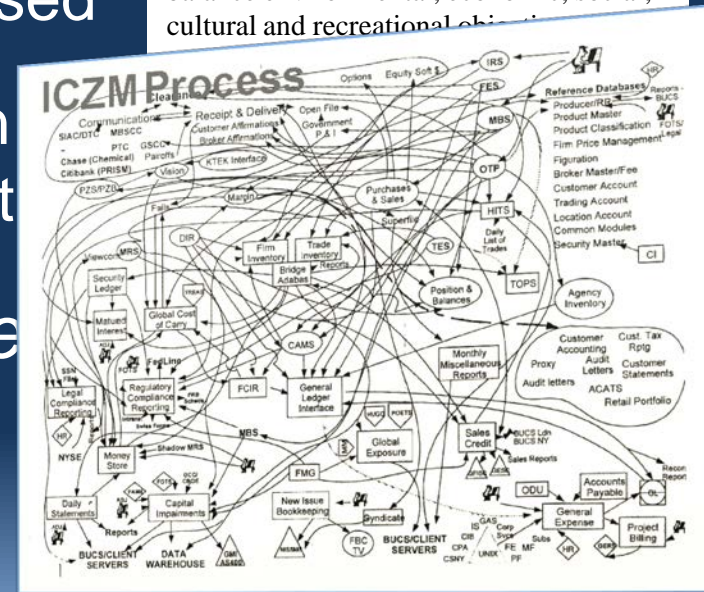
Non-statutory, no legal basis

Not widely understood or recognised

Not strategic – more often driven by funding priorities than strategic priorities

...not seen

“ICZM is a dynamic, multidisciplinary and iterative process to promote sustainable management of coastal zones. It covers the full cycle of information collection, planning (in its broadest sense), decision making, management and monitoring of implementation. ICZM uses the informed participation and cooperation of all stakeholders to assess the societal goals in a given coastal area, and to take actions towards meeting these objectives. ICZM seeks, over the long-term, to balance environmental, economic, social, cultural and recreational objectives.”



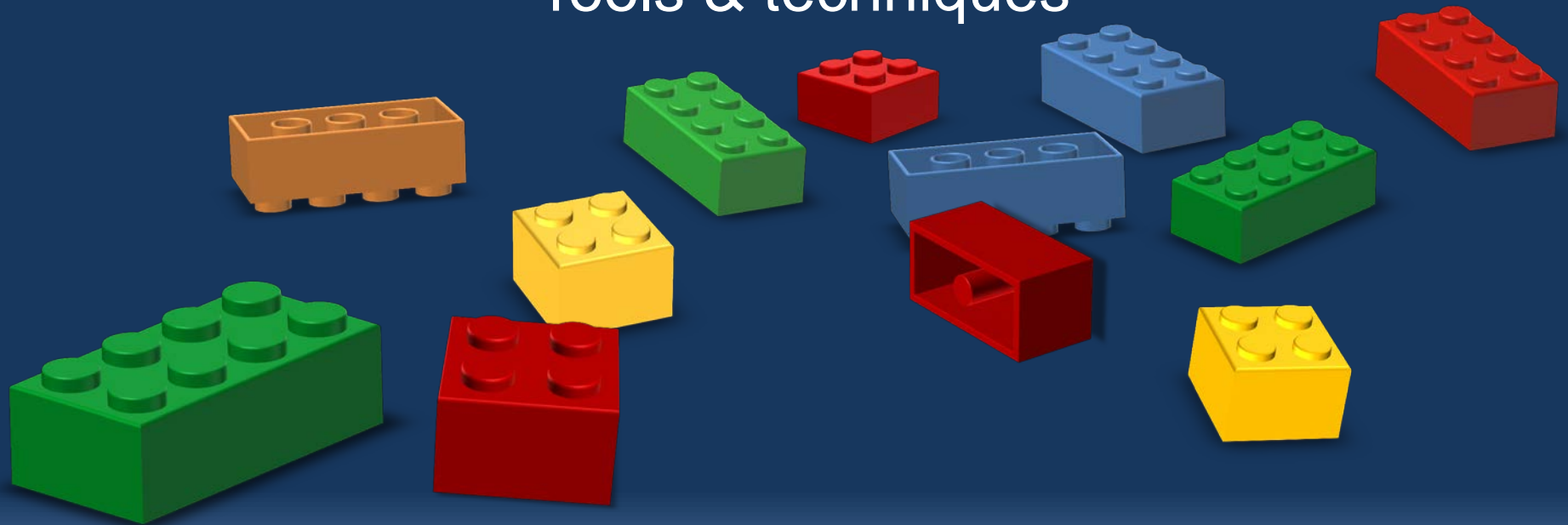


# ICZM's building blocks

Policies & instruments

ICZM principles

Tools & techniques



# ICZM's building blocks

**BUT...**

we are not sure what we want to  
build

...or how we do it

...or even if we can



# ICZM's 3 key weaknesses...

## ICZM's STATUS

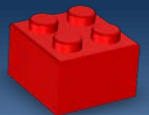
political and legal status is weak

## ICZM's OUTCOMES AND BENEFITS

not clearly articulated or defined, non-strategic

## ICZM's PROCESS

no consistent and simple process for practitioners or policy makers



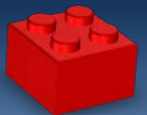


# How do we build a new ICZM for the era of uncertainty?

ICZM that is politically robust and legitimate

ICZM that is coherent in its outcomes & benefits

...and with a clear 'roadmap' of how to achieve them?



a new  
iCZM2.0<sup>©</sup>

important  
interactive  
iconic  
intelligent  
integrated CZM2.0

## Part 2

The 'architecture' of iCZM2.0

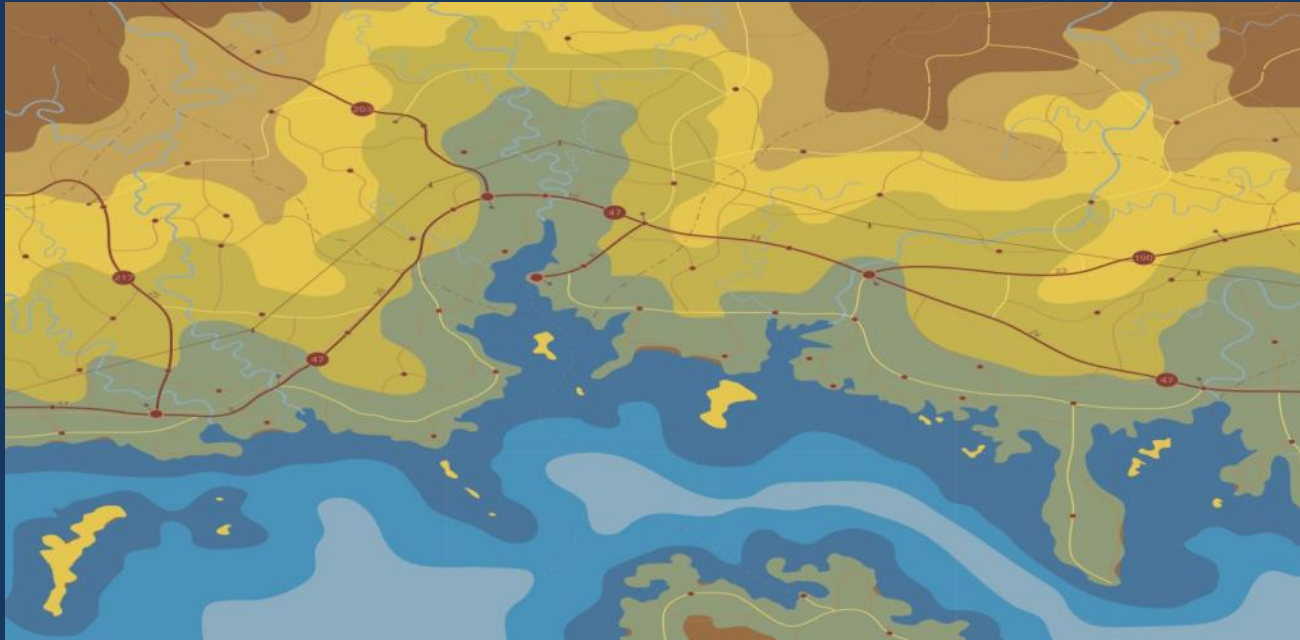
A real world/real time example – a 'beta'  
version

# iCZM2.0



The 'architecture' of iCZM2.0

iCZM2.0



...based on first principles **iCZM2.0**

1

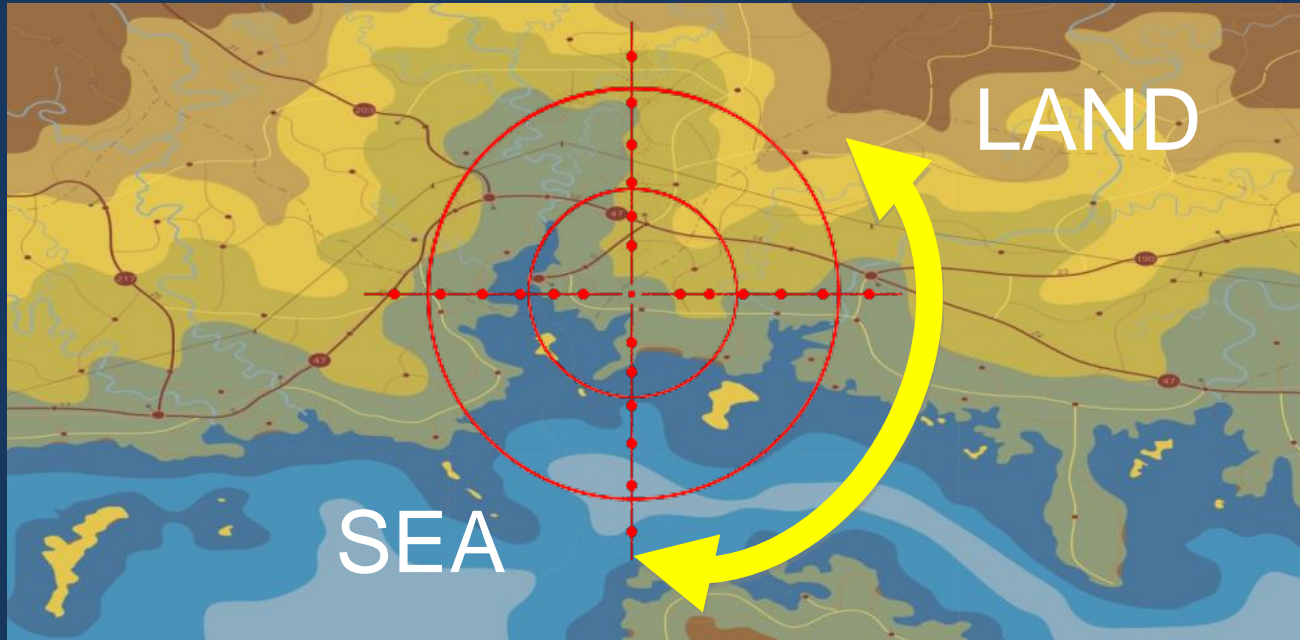
- covers both marine and terrestrial spaces
- uses predominantly administrative boundaries



defines the coastal  
zone **iCZM2.0**

2

not just a 'tool' - not subservient to other policies or instruments



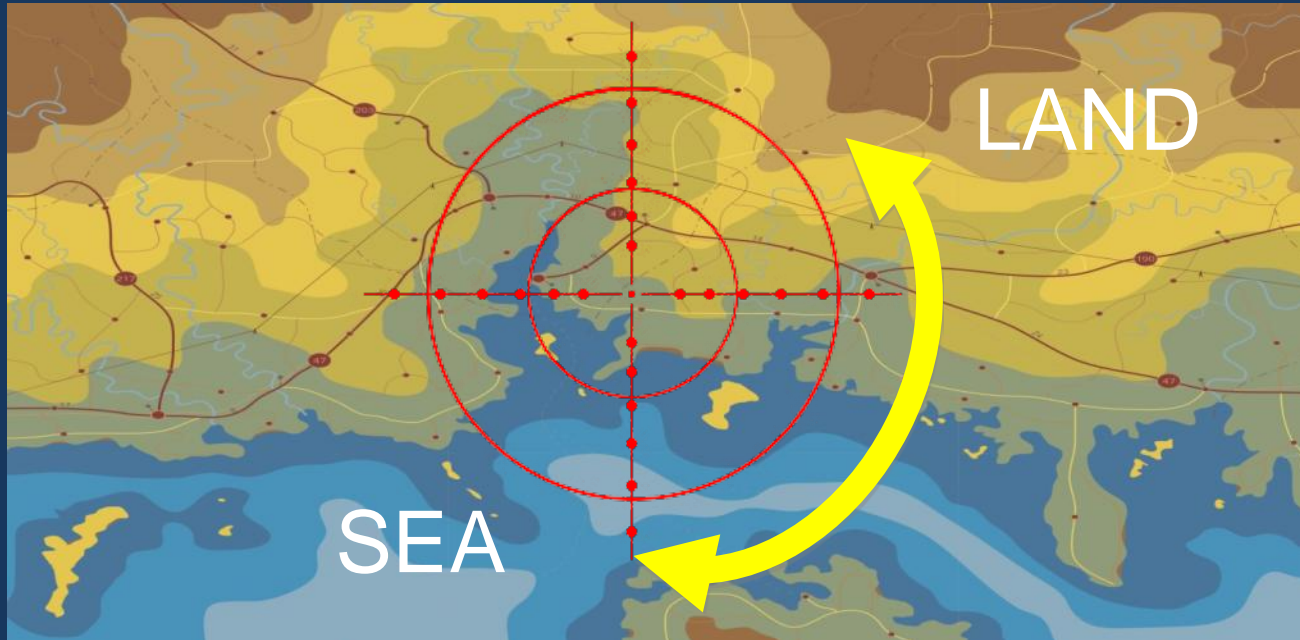
a “supra-process” iCZM2.0

“supra” (*prefix*) *above; beyond; transcending*



3

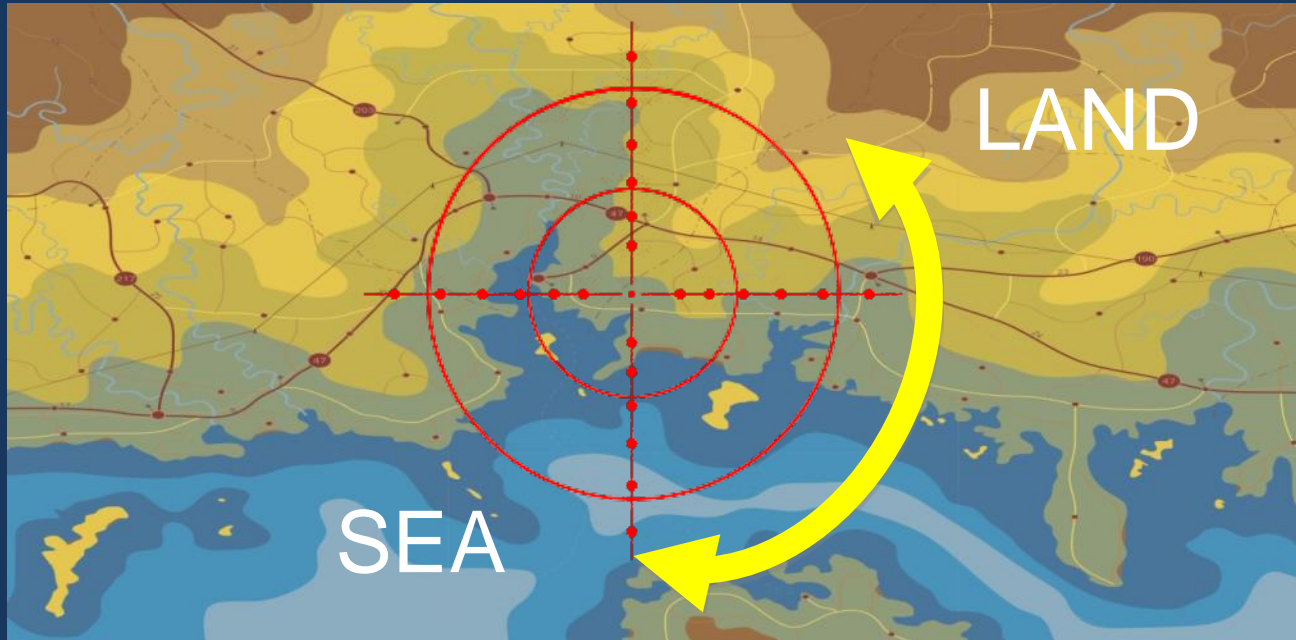
has a statutory/legal basis at international and local level



has legitimacy **iCZM2.0**

# 4

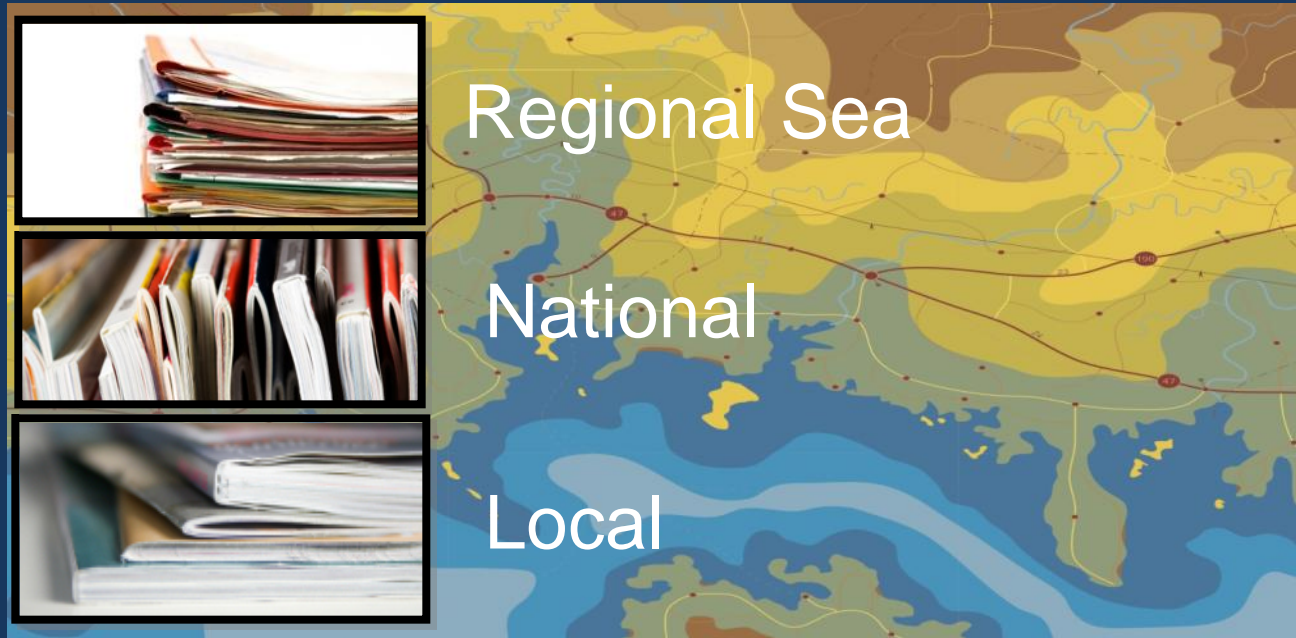
operates at the nexus\* of POLICY and PROGRAMMES



## Coherence of governance and actions iCZM2.0

\*nexus:

*a connection - or series of connections - linking two or more things  
a connected group or series - a nexus of ideas  
a central or focal point"*



# Hierarchy of strategies and plans iCZM2.0

6

based on the “Four Orders of Outcome”\*

Sustainable  
Development

Achieve Results

Achieve Behavioural  
Changes

Create an Enabling  
Environment

Outcome-driven iCZM2.0

\*Olsen



7

a transferable roadmap and clear 'user-interface'



a clear and simple process **iCZM2.0**

# 8

iCZM2.0 is “a means of achieving sustainable development of your coast”



A vision of sustainable development **iCZM2.0**

# iCZM2.0 features summary

- 1 Defines the coastal zone ✓
- 2 A “supra-process” ✓
- 3 Has legitimacy ✓
- 4 Coherence of governance and actions ✓
- 5 Hierarchy of strategies and plans ✓
- 6 Outcome-driven ✓
- 7 A clear and simple process ✓
- 8 A vision of sustainable development ✓

# iCZM2.0

The 'architecture' of iCZM2.0

A real world/real time example – a 'beta' version

- 46,000 km of coastline
- 22 countries
- 160 million population



# iCZM2.0



the case of the Mediterranean

*...of all the world's continents only the*

*Mediterranean is liquid*

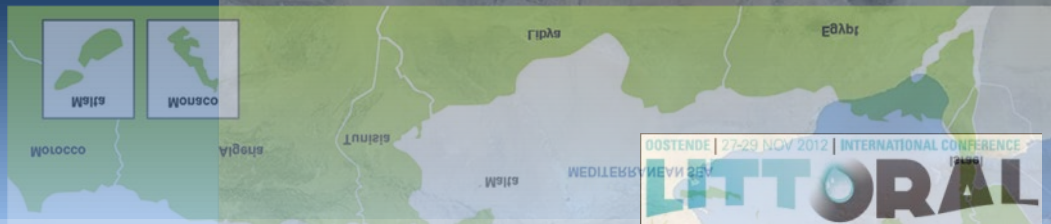
Jean Cocteau



a true “nexus”

Africa, Europe and  
Asia

diverse and volatile -  
politics, cultures and  
economies



# ICZM in the Mediterranean

Mediterranean Action Plan **1975**



*“Initial focus was on marine pollution control*

*The focus of MAP shifted to include **ICZM** as the key tool through which solutions are being sought”*



# ICZM in the Mediterranean

Mediterranean Action Plan **1975**

Barcelona Convention **1976**

*“Convention for  
the Protection Of  
The  
Mediterranean  
Sea Against  
Pollution”*

# ICZM in the Mediterranean

Mediterranean Action Plan **1975**

Barcelona Convention **1976**

Key Players: “Contracting Parties” – **21**  
States, plus UNEP, EU

*Albania, Algeria,  
Bosnia and  
Herzegovina,  
Croatia, Cyprus,  
Egypt, France,  
Greece, Israel, Italy,  
Lebanon, Libya,  
Malta, Monaco,  
Montenegro,  
Morocco, Slovenia,  
Spain, Syria, Tunisia,  
Turkey*



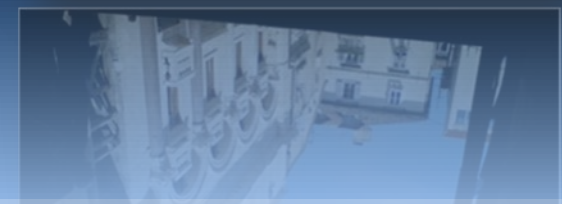
# ICZM in the Mediterranean

Mediterranean Action Plan **1975**

Barcelona Convention **1976**

Key Players: “Contracting Parties” – **21**  
States, plus UNEP/MAP, EU

Regional Activity Centres network, notably  
the centre for ICZM in Split, Croatia



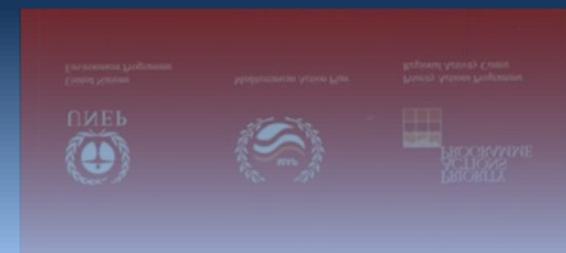
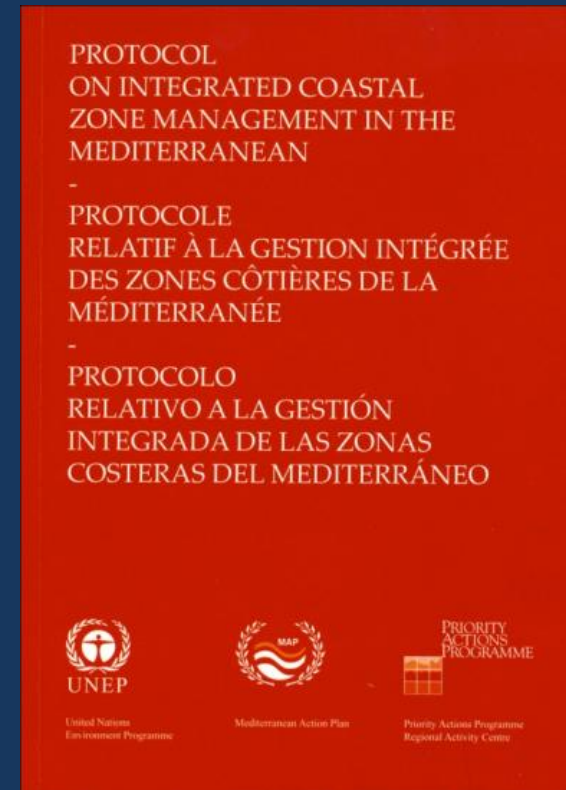
# ICZM in the Mediterranean

2011 a unique legal instrument “entered into force”

“Protocol on Integrated Coastal Zone Management in the Mediterranean”

the “*Little Red Book*”

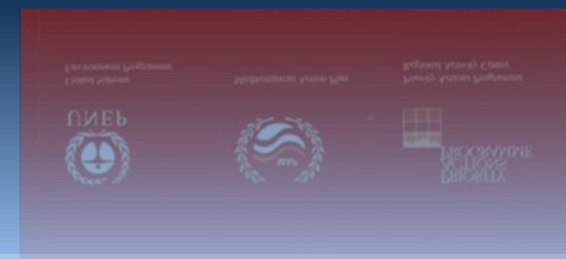
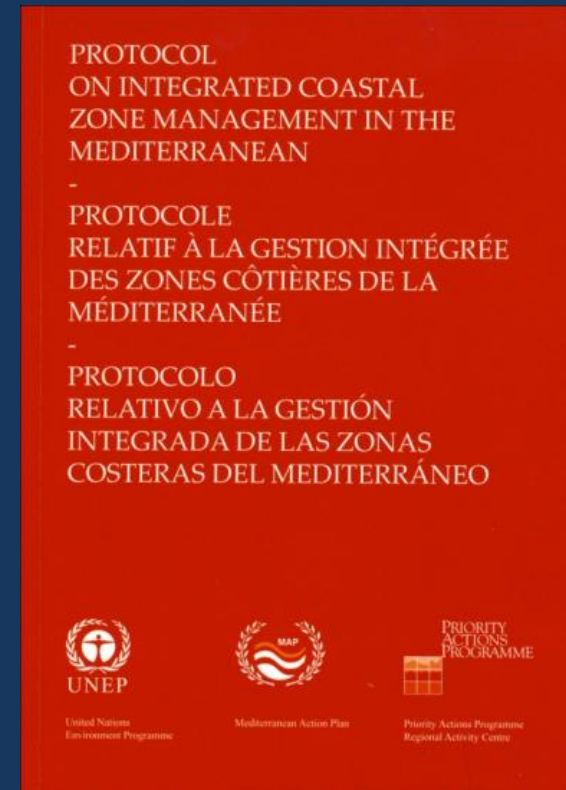
*the most significant global development in ICZM since Rio in 1992*



# ICZM in the Mediterranean

## 16 THEMES

- Coastal zone boundaries
- ICZM and/or coastal legislation
- Coordination
- Protection and sustainable use of the coastal zone
- Economic activities
- Coastal ecosystems, landscapes & cultural heritage
- Participation
- Awareness raising, training, education & research
- Monitoring & review
- National coastal strategies, plans and programmes, transboundary cooperation
- Environmental and strategic assessments
- Land policy
- Economic, financial & fiscal instruments
- Natural hazards & coastal erosion
- Exchange of information and activities of common interest
- Transboundary cooperation



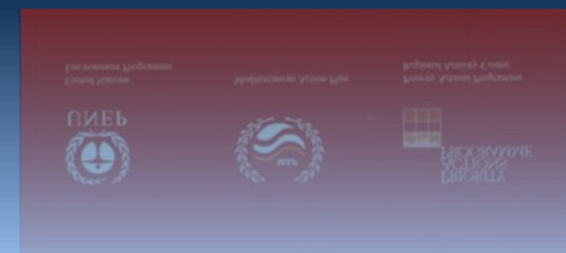
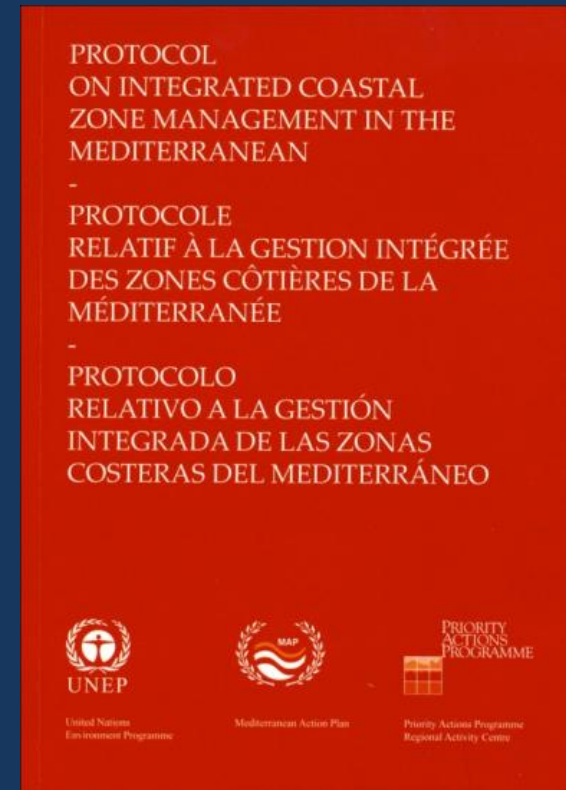
# ICZM in the Mediterranean -iCZM2.0?

important & legitimising

First supra-national, **legally-binding** agreement on ICZM in the world

Ratification includes the EU  
**legally binding on all Member States**

States ratifying rapidly  
(latest are Morocco and Croatia, October 2012)



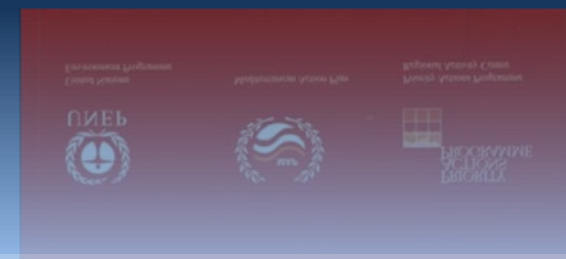
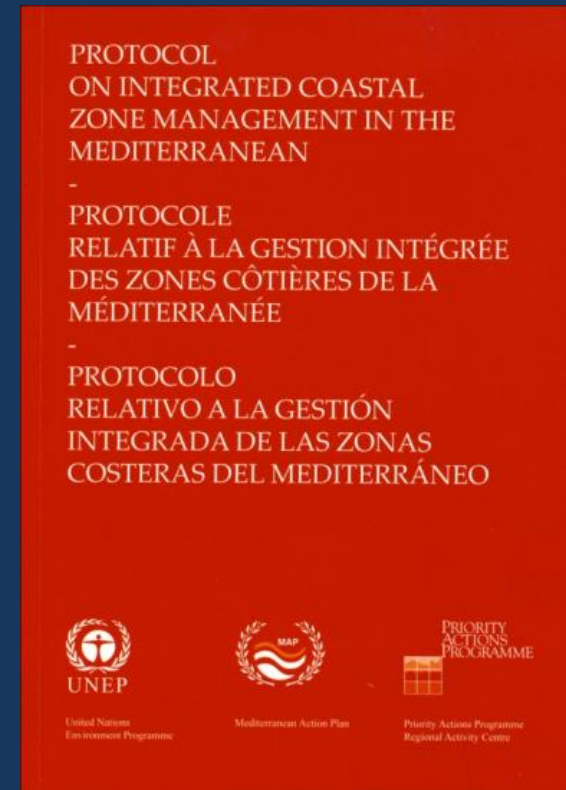
# ICZM in the Mediterranean -iCZM2.0?

defines the coastal zone

Sets definitive **boundaries** for the “coastal zone” transcending land and the coastal waters

strategic

**Strategic hierarchy** of regional sea and national ICZM strategies, local and transboundary plans and programmes





# ICZM in the Mediterranean -iCZM2.0?

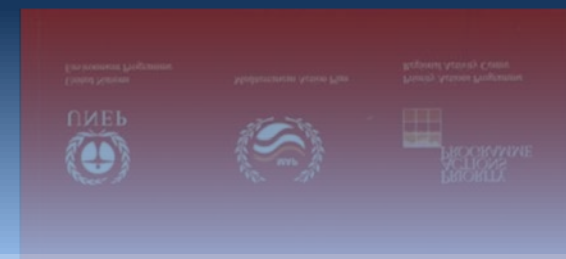
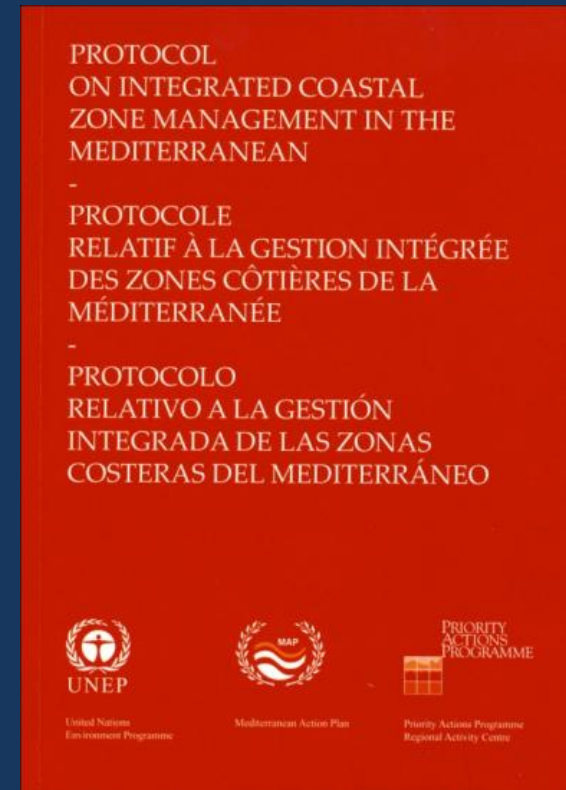
coherence of plans &  
programmes

**Action Plan 2012-2019**

**Support** the implementation of the ICZM Protocol

**Strengthen** the capacities of Contracting Parties to use ICZM policies, instruments, tools and processes

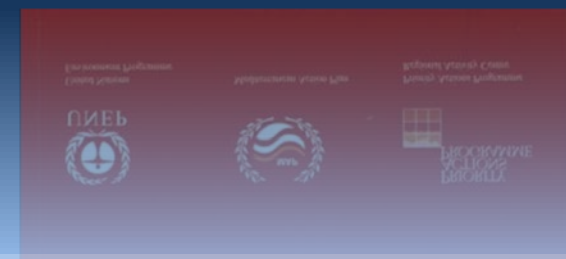
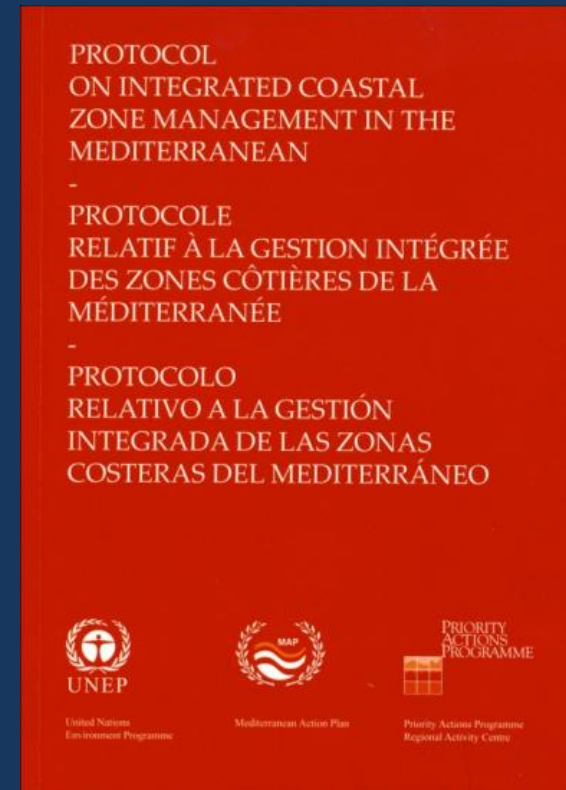
**Promote** the ICZM Protocol within the region and worldwide



# ICZM in the Mediterranean -iCZM2.0?

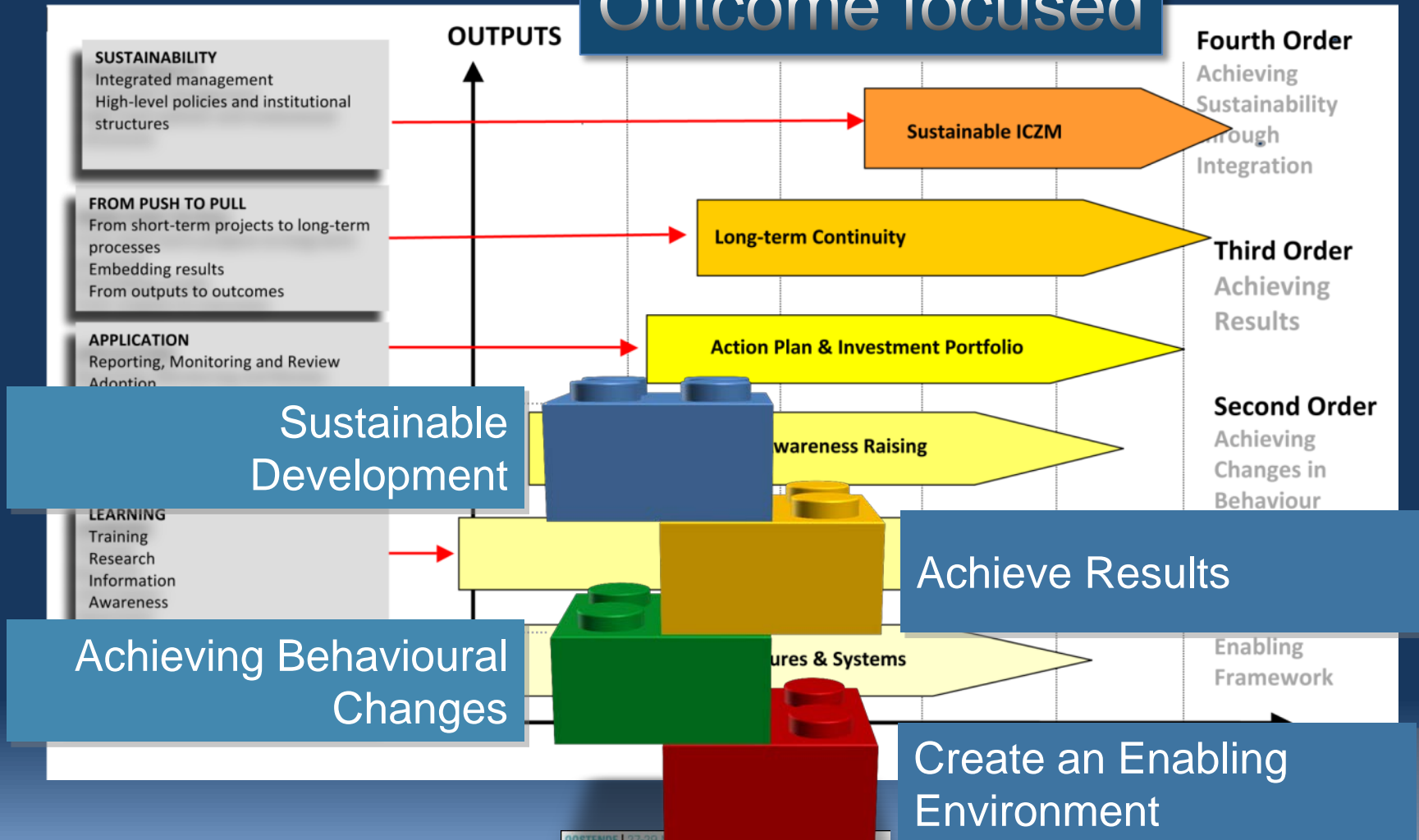
## coherence of plans & programmes

Benchmark **stock-take** of state ICZM policy, legal, financial and institutional frameworks



# ICZM in the Mediterranean -iCZM2.0?

## Outcome focused



**SUSTAINABILITY**  
Integrated management  
High-level policies and institutional structures

**FROM PUSH TO PULL**  
From short-term projects to long-term processes  
Embedding results  
From outputs to outcomes

**APPLICATION**  
Reporting, Monitoring and Review  
Adoption

Sustainable Development

**LEARNING**  
Training  
Research  
Information  
Awareness

Achieving Behavioural Changes

Achieve Results

Create an Enabling Environment

OUTPUTS

Outcome focused

**Fourth Order**  
Achieving Sustainability through Integration

**Third Order**  
Achieving Results

**Second Order**  
Achieving Changes in Behaviour

Enabling Framework

Sustainable ICZM

Long-term Continuity

Action Plan & Investment Portfolio

Awareness Raising

Structures & Systems

# ICZM in the Mediterranean

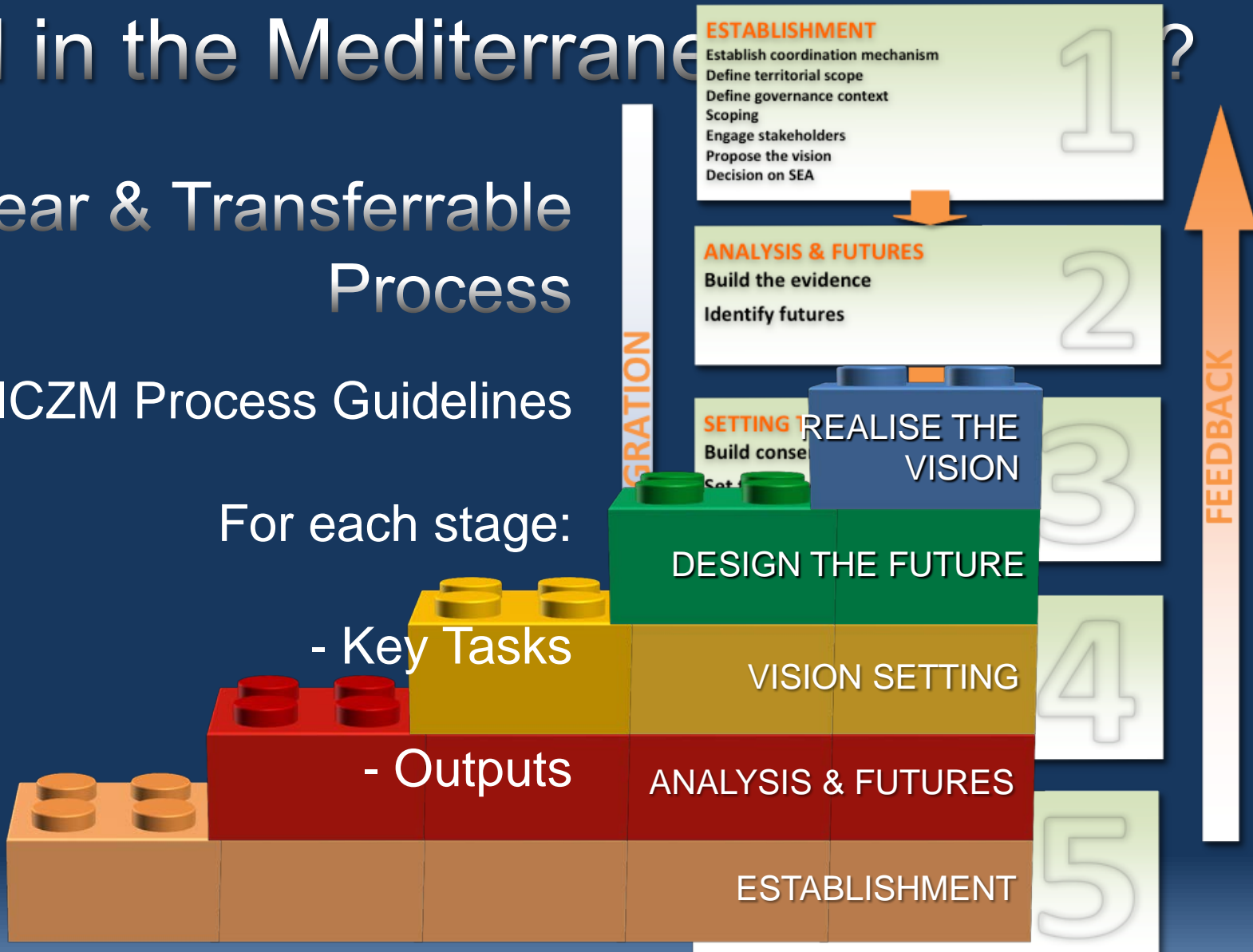
Clear & Transferrable  
Process

ICZM Process Guidelines

For each stage:

- Key Tasks

- Outputs



# ICZM in the Mediterranean -iCZM2.0?

Google

iczm process roadmap wiki



Interactive

Online

infinitely expandable

Component of a  
Governance Platform





# ICZM in the Mediterranean -iCZM2.0?

A **vision** for sustainable coastal development

**Resilient** to climate change, to natural and human processes

**Productive** competitive, increase GDP, alleviating poverty

**Diverse** in ecological and experiential terms

**Distinctive** culturally, distinctive in marketing

**Attractive** to visitors, investors and to local people

**Healthy** safe, free from pollution



# ICZM in the Mediterranean – iCZM2.0?

1. Legitimized – model for Regional Seas around the world ✓
2. Strategic approach from macro to micro scales ✓
3. Coherence between governance and actions ✓
4. Outcome focused ✓
5. Clear and transferable process ✓
6. Interactive ✓
7. A clear vision ✓

# iCZM2.0 Conclusions

- ICZM has been slow to evolve and is losing ground to “rivals”
- *Status quo* is not an option
- ICZM needs to continually reinvent itself , to make itself relevant - *but from a practical and legitimate foundation*
- It needs to be easy to use, interactive ...and essential
- iCZM 2.0

# Thank you

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