



ICZM (INTEGRATED COASTAL ZONE MANAGEMENT)

Concepts, planning principles and tools (short overview)

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STRUCTURE

VISION &
PRINCIPLES

ISSUES

HISTORY

ICZM PROTOCOL

ICZM "TOOLS"

ICZM PROCESSES

An Example



IDENTIFY conflicts,
complementarities and
synergies among the
human activities

BALANCE economic,
social and
environmental goals
and priorities

ENHANCE positive
developments ...**and**
MITIGATE eventual
conflicts and problems

ICZM – A DEFINITION

ICZM is a means of achieving
sustainable development **in coastal
areas**

IDENTIFY conflicts,
complementarities and
synergies among the
human activities

BALANCE economic,
social and
environmental goals
and priorities

ENHANCE positive
developments ...and
MITIGATE eventual
conflicts and problems

A VISION FOR THE MEDITERRANEAN COAST

Resilient to climate change, to natural and human processes

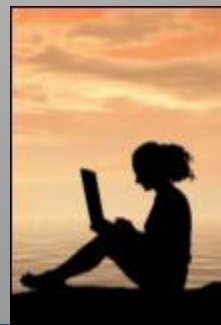
Productive competitive, high value, increasing GDP, alleviating poverty

Diverse in ecological terms, diverse in experiential terms

Distinctive culturally, distinctive in marketing

Attractive to visitors, investors and to local people

Healthy safe, free from pollution





PRINCIPLES OF ICZM

- The biological wealth and the natural dynamics of **the marine part and the land part forming a single entity** shall be taken particularly into account.
- All elements relating to hydrological, geomorphological, climatic, ecological, socio-economic and cultural systems shall be taken into account in **an integrated manner, so as not to exceed the carrying capacity** of the coastal zone and to prevent the negative effects of natural disasters and of development.
- The **ecosystems approach** to coastal planning and management shall be applied so as to ensure the sustainable development of coastal zones.
- Appropriate governance in a **transparent decision-making process by local populations** and stakeholders in civil society concerned with coastal zones.
- **Cross-sectorally organized** institutional coordination of the various administrative services and regional and local authorities...



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- **Cross-sectorally organized** institutional coordination of the various administrative services and regional and local authorities...



PRINCIPLES OF ICZM

- **marine part and the land parts = a single entity**
- **carrying capacity**
- **ecosystems approach**
- **transparent decision-making process**
- **cross-sectorally organized**

BIODIVERSITY

FISHERIES

OIL SPILLS

URBANISATION

SOIL
DEGRADATION &
EROSION

TOURISM

WATER

CLIMATE CHANGE

FOCUS ON THE MEDITERRANEAN: ISSUES

A sea border for **22** countries on **3** continents

46,000 kms of coastline

Biodiversity-rich, large variety of complex ecosystems.

Remarkable landscapes and heritage.

200 million+ tourists per annum

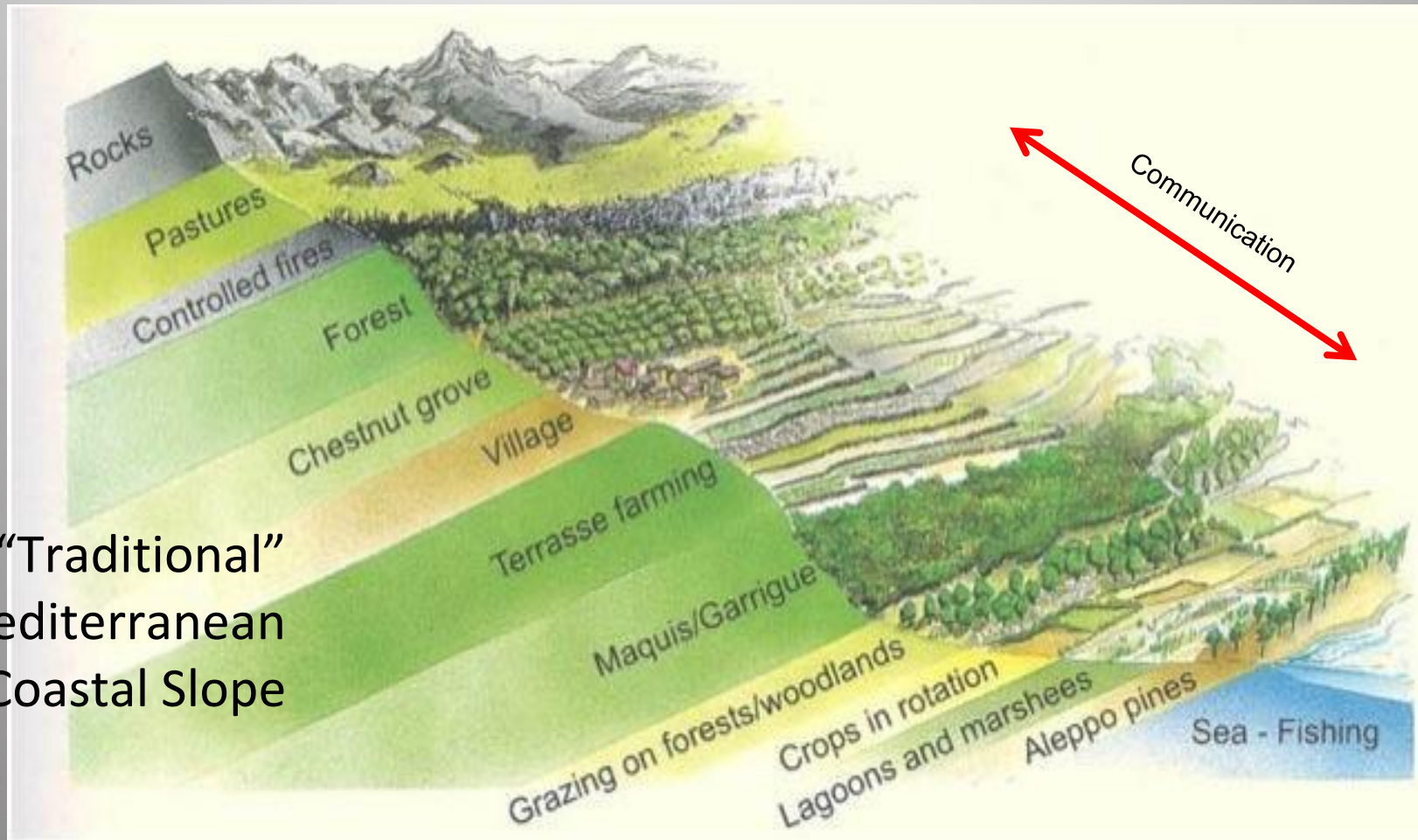
About **40%** of the coasts are now concreted due to urban sprawl, roads etc.





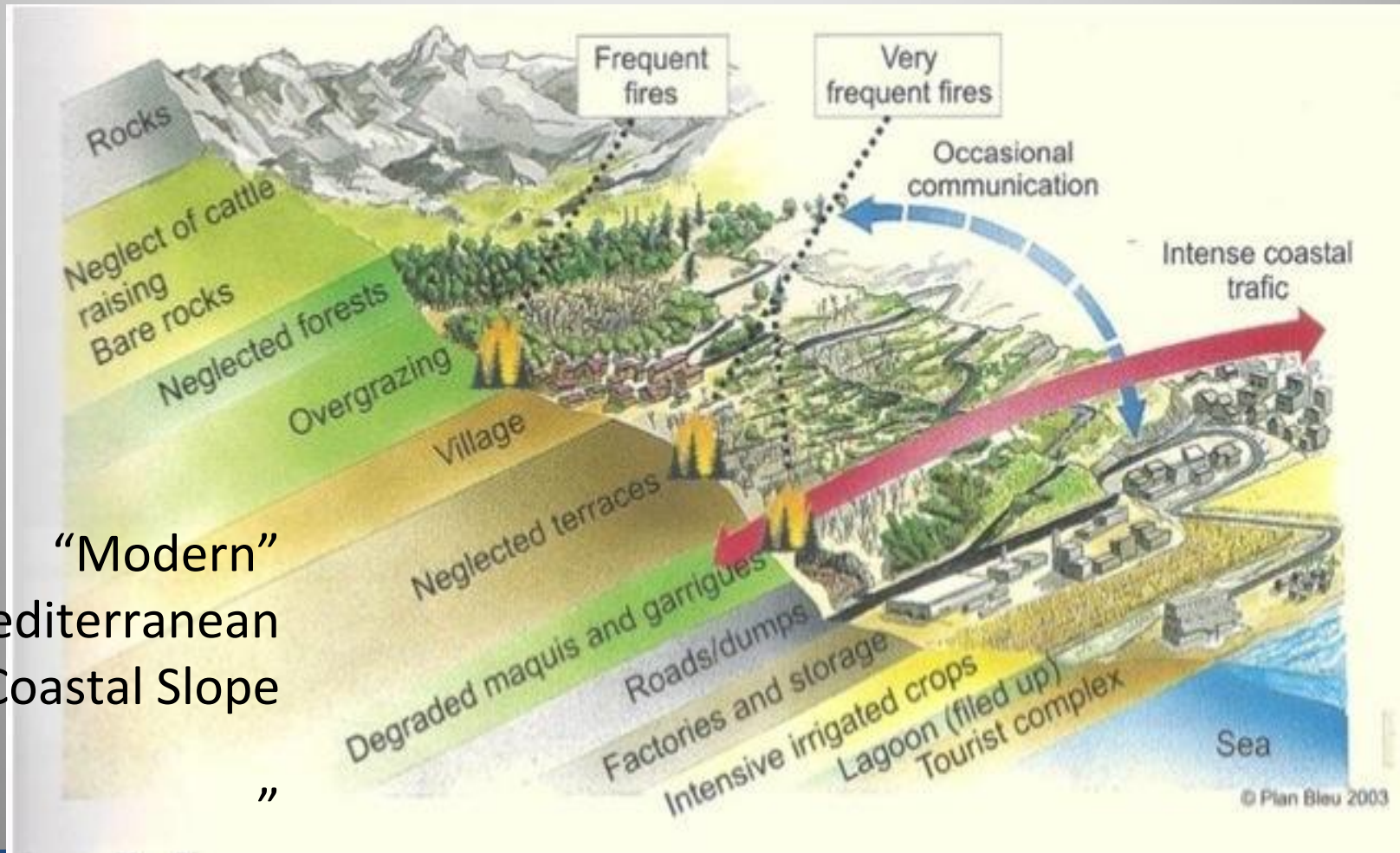
The Development Cycle

FOCUS ON THE MEDITERRANEAN: ISSUES



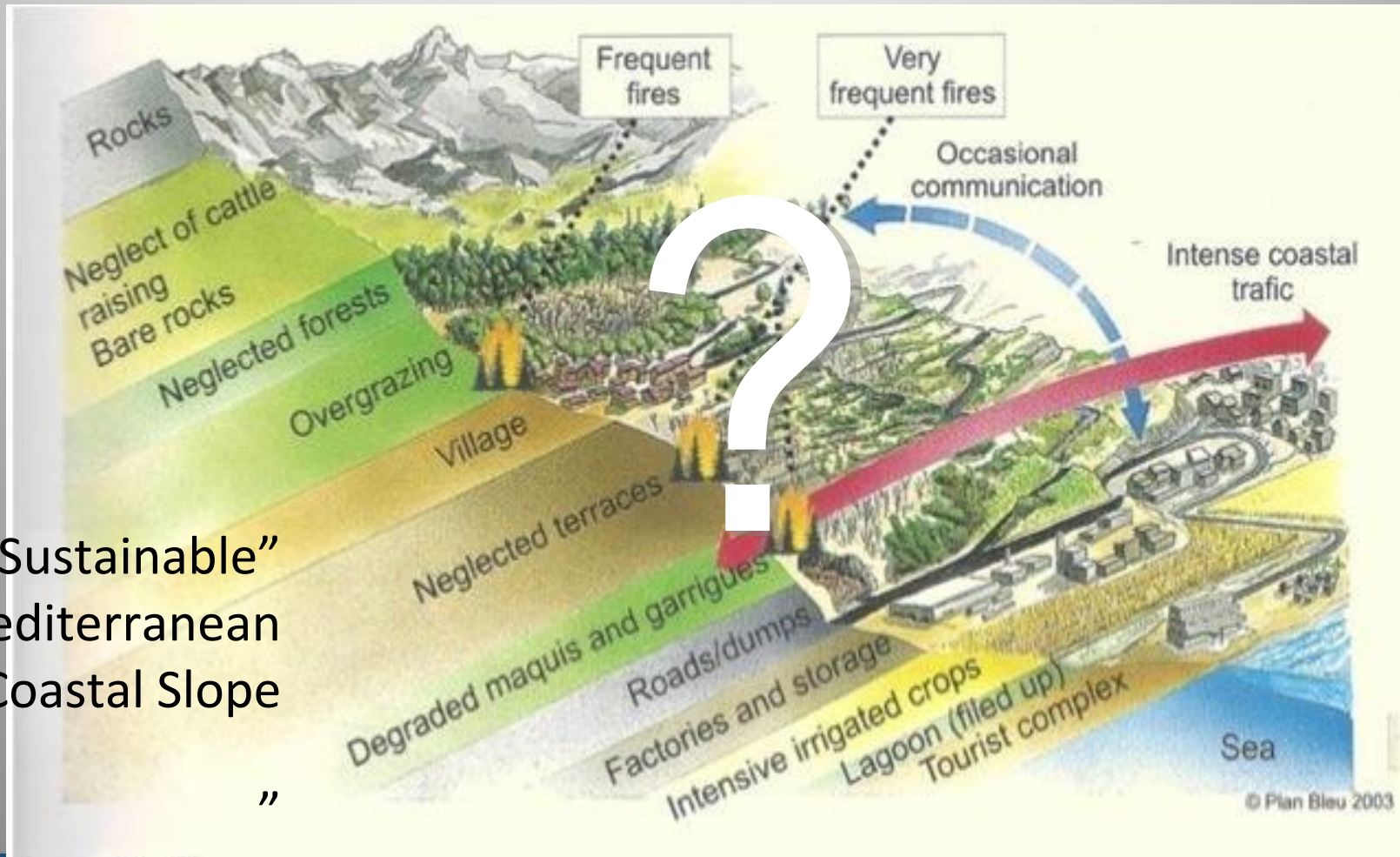
The Development Cycle

FOCUS ON THE MEDITERRANEAN: ISSUES



The Development Cycle

FOCUS ON THE MEDITERRANEAN: ISSUES



“Sustainable”
Mediterranean
Coastal Slope

”

ICZM IN THE MEDITERRANEAN

a brief history



1975

16 countries and the
European Community
adopt the

**Mediterranean
Action Plan
(MAP)**

the first-ever
Regional Seas
Programme under
the United Nations
Environmental
Programme (UNEP)

ICZM IN THE MEDITERRANEAN





1976

ICZM IN THE MEDITERRANEAN

Convention for the
Protection of the
Mediterranean Sea
against Pollution

The Barcelona Convention

To prevent and abate
pollution from aircraft,
ships and land-based
sources in the
Mediterranean Sea



1977 ICZM IN THE MEDITERRANEAN

Priority Actions
Programme
Regional
Activity Centre
(PAP/RAC)

The centre for
ICZM in the
Mediterranean
founded in Split,
Croatia



1989 ... 2012

18 CAMPs

(Coastal Area
Management
Programmes)

3-4 years programmes
introducing ICZM at
local or national levels

Institution
strengthening and
capacity building to
rehabilitate areas with
environmental
problems

ICZM IN THE MEDITERRANEAN



1989 ... 2012

ICZM IN THE MEDITERRANEAN

Publication of
various

ICZM

Guidelines and

White Paper on

ICZM



1989 ... 2012

ICZM IN THE MEDITERRANEAN

Publication of
various
ICZM
Guidelines and
White Paper on
ICZM
and
the MSD





2001 ICZM IN THE MEDITERRANEAN

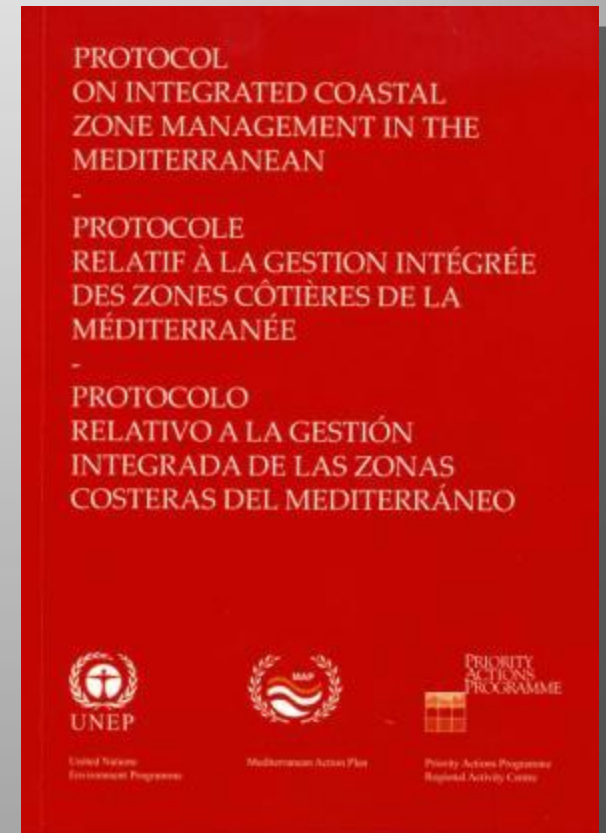
Meeting of the Contracting Parties in Monaco launched the preparation of an **Protocol on Integrated Coastal Management**



Protocol on Integrated Coastal Management

THE ICZM PROTOCOL

<http://www.pap-thecoastcentre.org>



January 2008

Signed in Madrid

March 2011

Entered in Force

February 2012

Implementation
Action Plan
approved

October 2012

8 Countries
Ratified

(Maroc & Croatia, October
2012)

Plus the EU

THE ICZM PROTOCOL – RAPID PROGRESS



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

**Forward-looking and
proactive:** it aims at
preventing and not only
reacting to coastal
problems

Integrated: it ensures
institutional co-ordination
of national, regional and
local authorities,
involvement of NGOs

Integrity of land AND sea
areas

THE ICZM PROTOCOL – IMPORTANT



First supra-national,
legally-binding
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Integrity of land AND
sea areas

THE ICZM PROTOCOL – OBJECTIVES

1. **harmony** of economic, social
and cultural development
2. **preserve** for the benefit of
current and future
generations
3. **sustainable use** of natural
resources, particularly with
regard to water use



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Integrity of land AND
sea areas

THE ICZM PROTOCOL – OBJECTIVES

4. preserve **integrity** of coastal ecosystems, landscapes and geomorphology
5. prevent/reduce the effects of **natural hazards** and in particular of climate change
6. **coherence** between public and private, between all decisions by the public authorities



1. Coastal zone boundaries
2. ICZM and/or coastal legislation
 3. Coordination
4. Protection and sustainable use of the coastal zone
 5. Economic activities
6. Coastal ecosystems, landscapes & cultural heritage
 7. Participation
8. Awareness raising, training, education & research
 9. Monitoring & review
10. National coastal strategies, plans and programmes, transboundary cooperation
11. Environmental and strategic assessments
 12. Land policy
13. Economic, financial & fiscal instruments
14. Natural hazards & coastal erosion
15. Exchange of information and activities of common interest
16. Transboundary cooperation

THE ICZM PROTOCOL – COMPREHENSIVE

16 Themes...



1. Coastal zone boundaries

ICZM and/or coastal legislation

3. Coordination

Protection and sustainable use
of the coastal zone

5. Economic activities

Coastal ecosystems, landscapes
& cultural heritage

7. Participation

Awareness raising, training,
education & research

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assessments

12. Policy

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instrumental

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THE ICZM PROTOCOL – KEY ARTICLES

COASTAL ZONE BOUNDARIES

the seaward limit ...shall be the
**external limit of the
territorial sea*** of Parties
and..

the landward limit ...shall be the
limit of the **competent
coastal units...**

*12 nautical miles (22 kms)



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THE ICZM PROTOCOL – KEY ARTICLES

“RATIFICATION & TRANSPOSITION”

- Integrate into national legislation through Coastal Acts etc.



THE ICZM PROTOCOL – KEY ARTICLES

INSTITUTIONAL CO-ORDINATION – VERTICAL AND HORIZONTAL

national, regional and local authorities and the involvement of NGOs



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8. Awareness raising, training, education & research
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10. National coastal strategies, plans, programmes, and transboundary cooperation
11. Environmental and strategic assessments
12. Land-use policy
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THE ICZM PROTOCOL – KEY ARTICLES

PROTECTION AND SUSTAINABLE USE OF THE COASTAL ZONE

Includes establishment of 100 metre set-back zone and control of linear urbanisation



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THE ICZM PROTOCOL – KEY ARTICLES

PARTICIPATION

- territorial communities and public entities
- economic operators
- non-governmental organizations
- social actors
- the public

Includes consultative bodies, inquiries or public hearings, and partnerships



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THE ICZM PROTOCOL – KEY ARTICLES

HIERARCHY OF STRATEGIES PLANS & PROGRAMMES

- Mediterranean Strategy
- National Strategies
- Coastal Plans and Programmes
- + Indicators of effectiveness



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THE ICZM PROTOCOL – KEY ARTICLES

MEDITERRANEAN APPROACH

- Exchange of information and activities of common interest
- Transboundary cooperation



2012
ACTION PLAN 2012-
2019 ADOPTED BY
CONTRACTING
PARTIES

THE ICZM PROTOCOL – ACTION PLAN

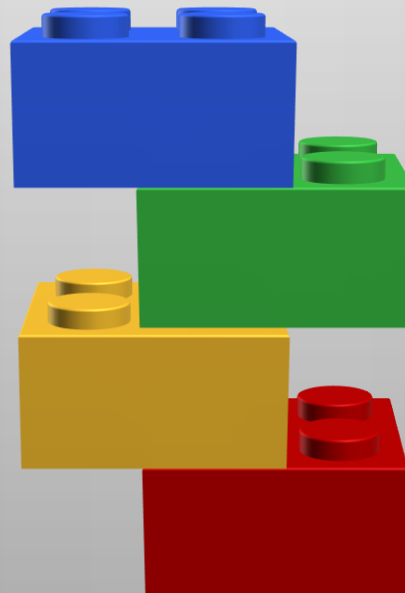
1. **Support** the effective implementation of the ICZM Protocol at regional, national and local levels ...
2. **Strengthen** the capacities of Contracting Parties to implement the Protocol and use ...ICZM policies, instruments, tools and processes
3. **Promote** the ICZM Protocol and its implementation within the region and ...globally



ICZM TOOLS: “4 ORDERS OF OUTCOME”

ACHIEVE SUSTAINABILITY
THROUGH INTEGRATION

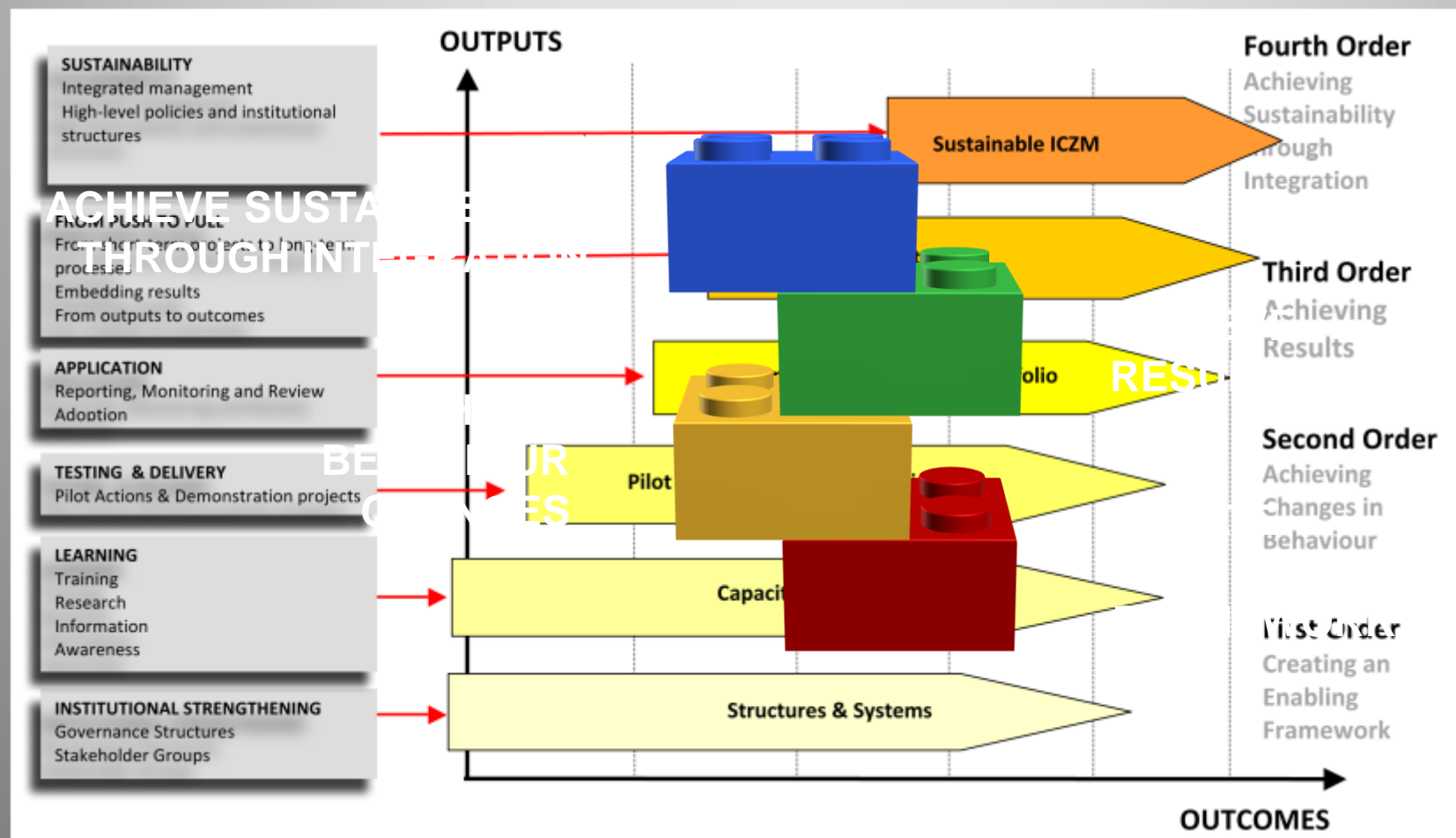
ACHIEVE
BEHAVIOUR
CHANGES



ACHIEVE
RESULTS

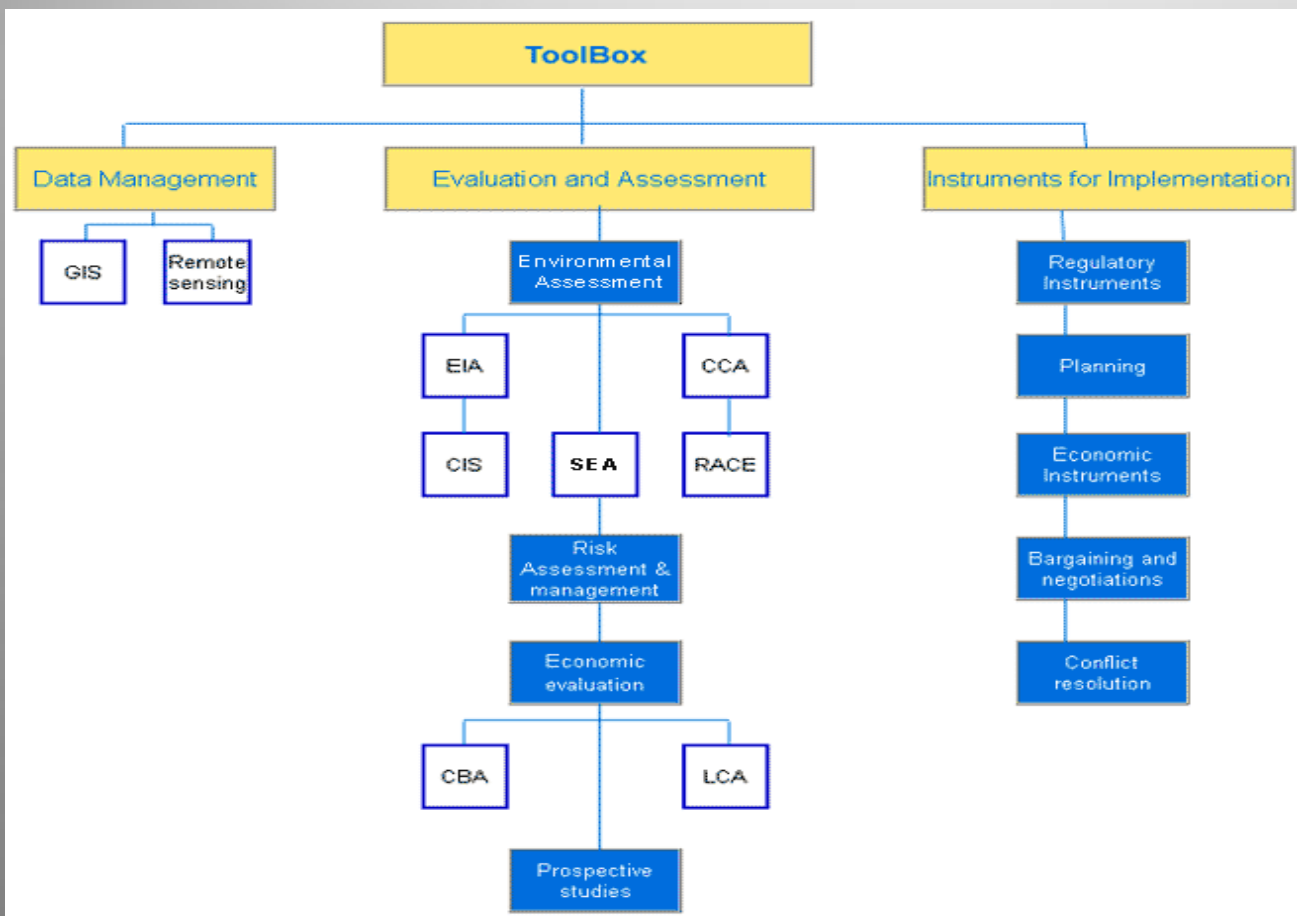
CREATE
ENABLING
FRAMEWORK

ICZM TOOLS: "4 ORDERS OF OUTCOME"



ICZM TOOLBOX

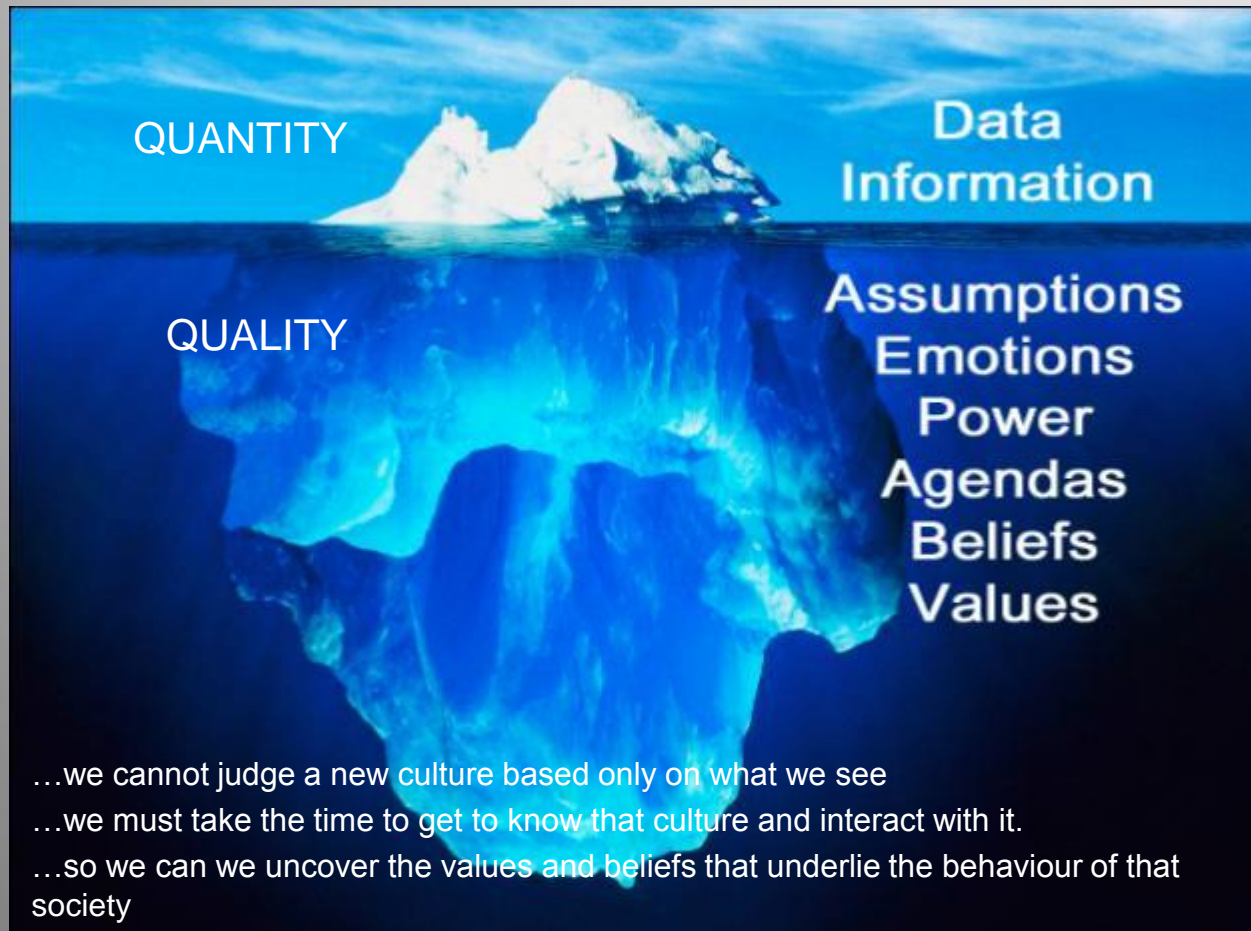
“traditional”
toolbox



plus....

ICZM TOOLBOX – NEW PARADIGM

Cultural Iceberg Model

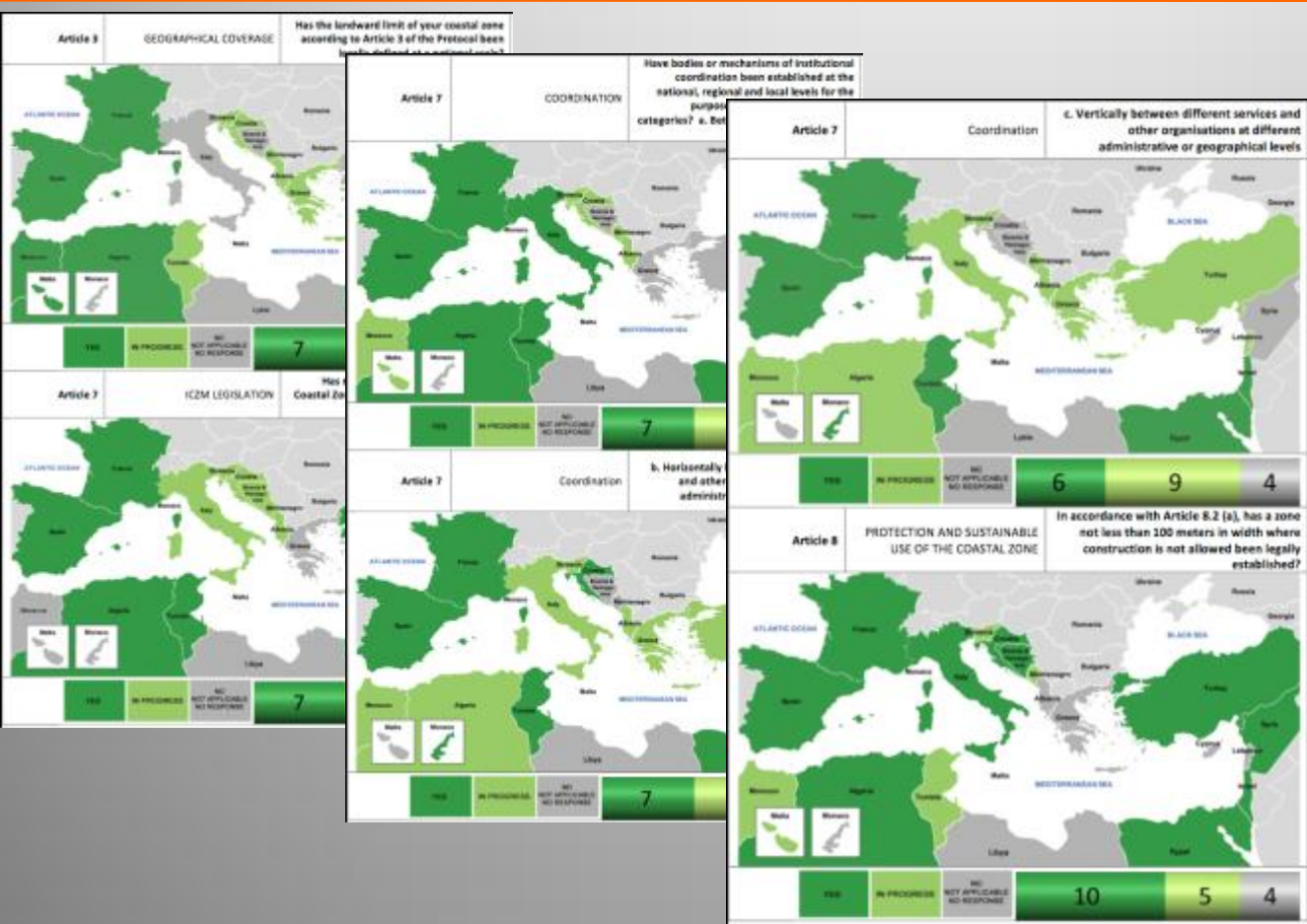


“Imagine”
scenarios

Stakeholder
analysis

Governance
stock-taking

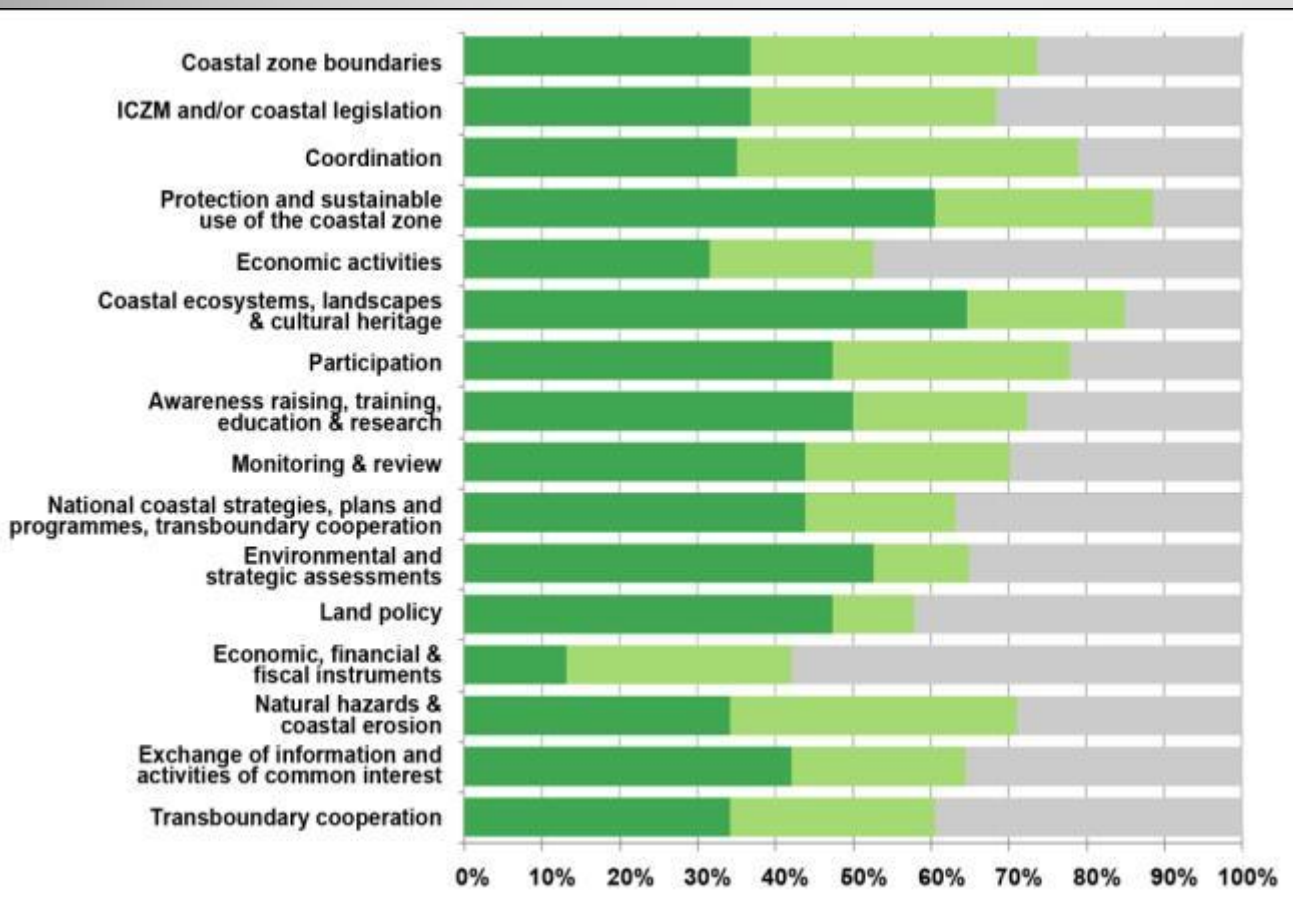
GOVERNANCE STOCKTAKE 2012





GOVERNANCE STOCKTAKE 2012

Progress Index



Annual Coast
Day

OTHER ACTIONS

Ambassadors

National
Strategies

Converging
Methodologies

Annual Coast Day

ANNUAL COAST DAY

Ambassadors

National
Strategies

Converging
Methodologies



Annual Coast
Day

AMBASSADORS FOR THE COAST

Ambassadors

National
Strategies



Mr. Mustafa Tolba



Prof. Predrag Matvejevic



HRH Princess Lalla Hasna

Converging
Methodologies



Mr. Jérôme Bignon



Mr. Renato Soru



Mr. Chérif Rahmani

Annual Coast Day

NATIONAL STRATEGIES

Ambassadors

National Strategies

Converging Methodologies



Annual Coast
Day

Ambassadors

National
Strategies

**Converging
Methodologies**

INTEGRATIVE METHODOLOGICAL FRAMEWORK (IMF)

Reghaia Coastal Plan (Algeria)
PAP/RAC, UNESCO-IHP, SPA/RAC

GEF MEDPARTNERSHIP

Transboundary Buna/Bojana
Integrated Management Plan
(Montenegro/Albania)
PAP/RAC, GWP, UNESCO-IHP, SPA/RAC



Annual Coast
Day

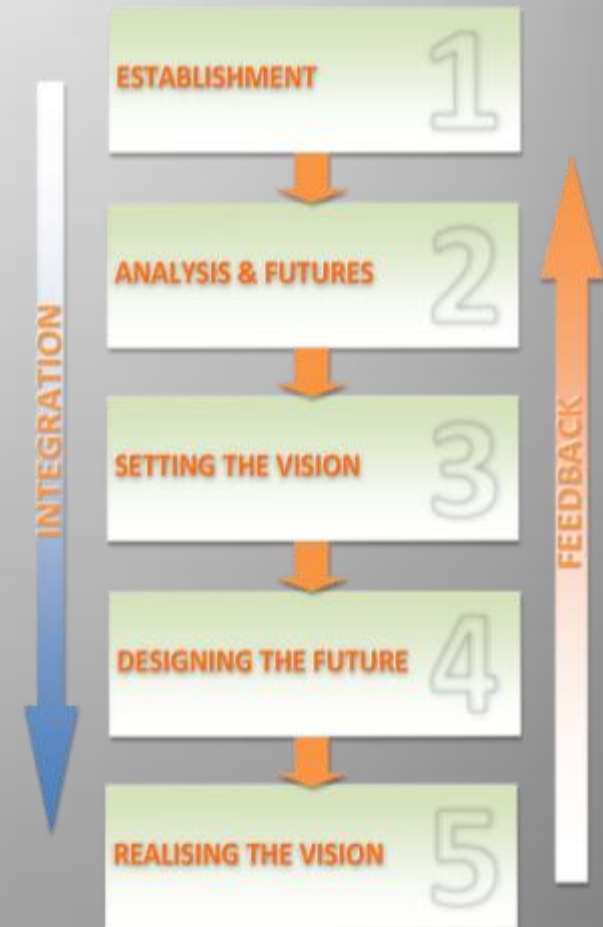
Ambassadors

National
Strategies

**Converging
Methodologies**

INTEGRATIVE METHODOLOGICAL FRAMEWORK (IMF)

a unified process





Thank you

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