

SUB-REGIONAL WORKSHOP ON THE INTERLINKAGES
BETWEEN IWRM AND ICZM

**Combining IWRM to ICZM and other
Integrated Managements**

A review of relevant descriptors and indicators

JOINT TRAINING BETWEEN SWIM-SM AND H2020 CB/MEP

ALGIERS 30 OCTOBER- 1 NOVEMBER 2012

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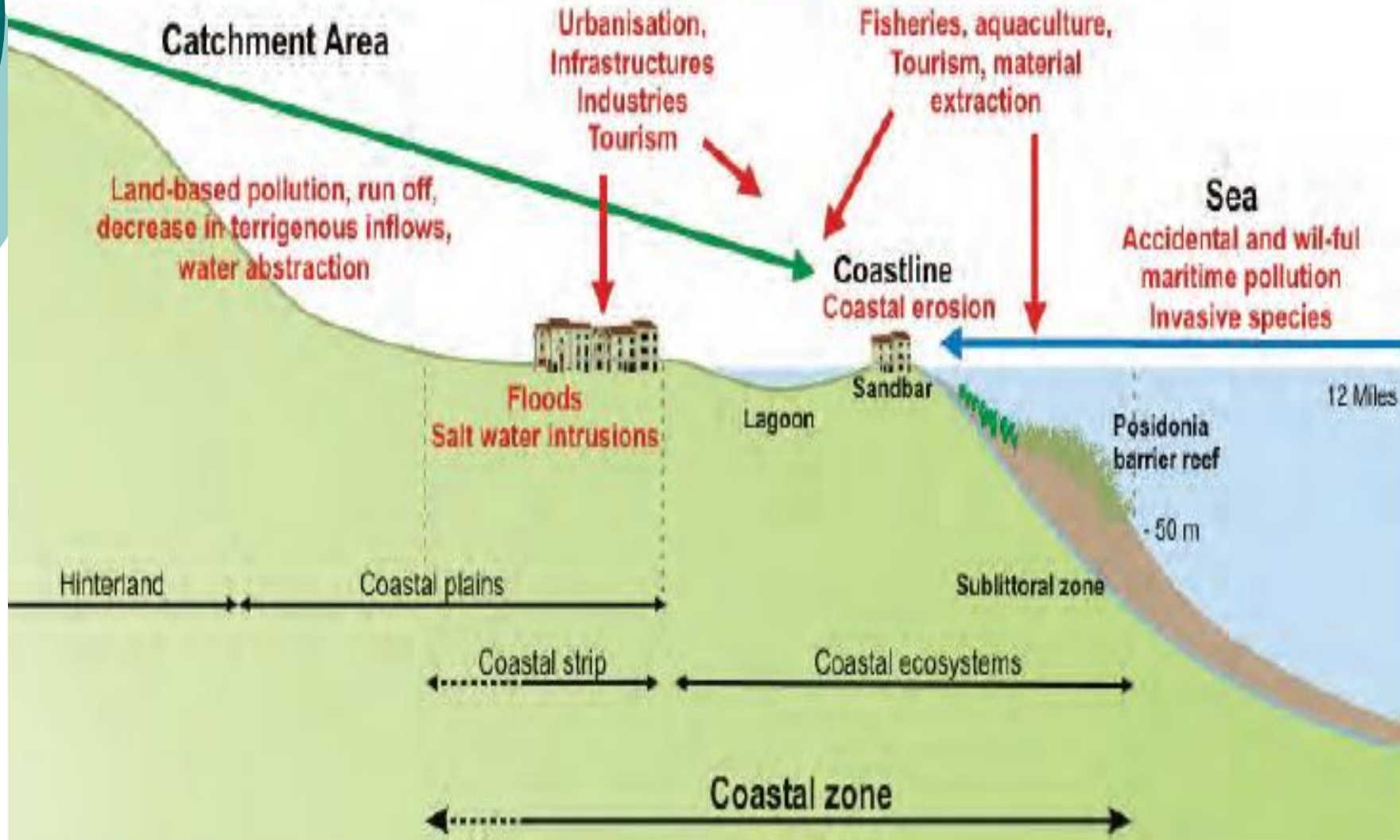
**ΕΘΝΙΚΟΝ & ΚΑΠΟΔΙΣΤΡΙΑΚΟΝ
ΠΑΝΕΠΙΣΤΗΜΙΟΝ ΑΘΗΝΩΝ**
**NATIONAL & KAPODISTRIAN
UNIVERSITY OF ATHENS**



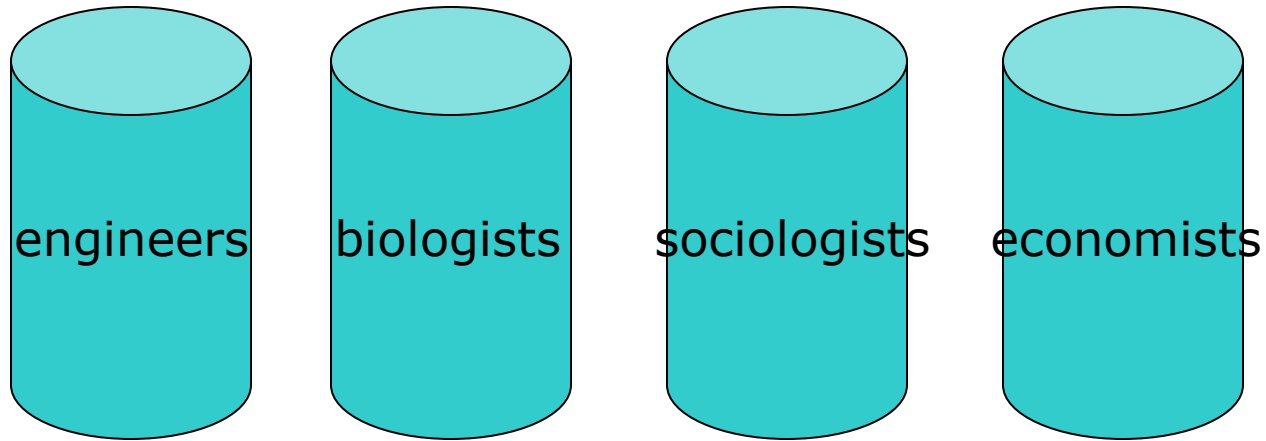
Approaching Integrated Management

Pressures

Direct pressures on the coastal zone

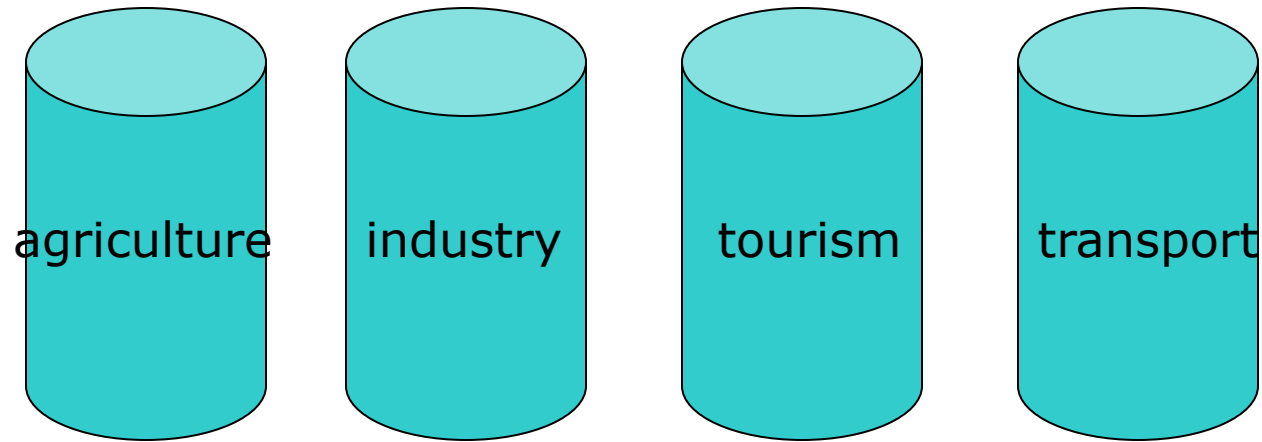


Need to overcome the “silo” effect



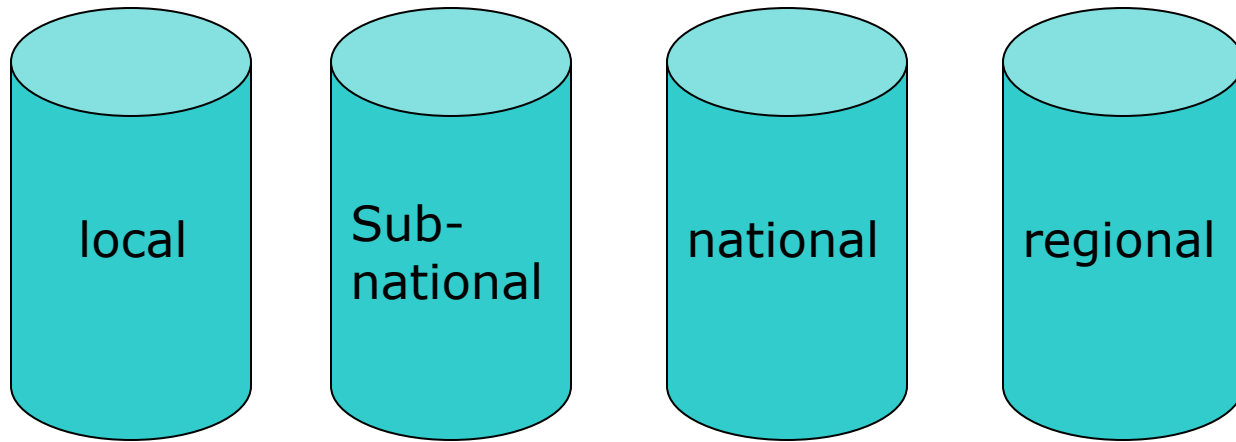
- Multi- and inter- disciplinary approach

Need to overcome the “silo” effect



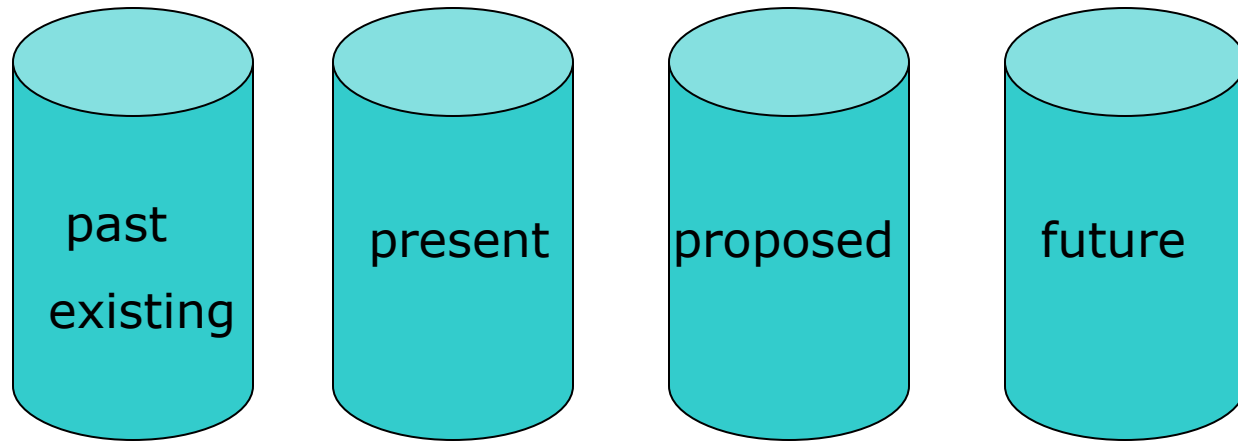
- Multi- and inter- sectoral approach

Need to overcome the “silo” effect



- Multi-level approach

Need to overcome the “silo” effect

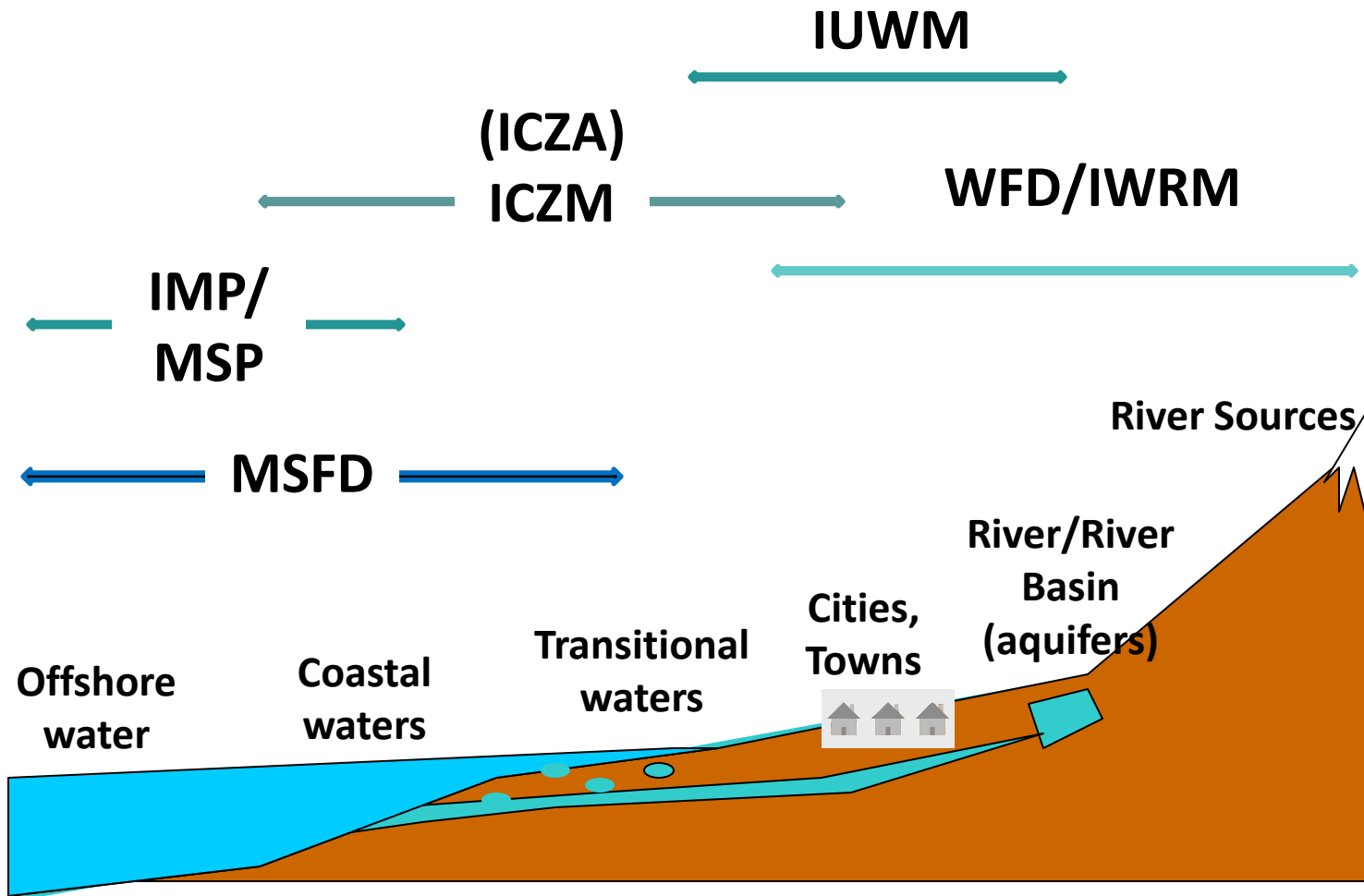


- Coherence and continuity / Inter-generational approach

Learning from accumulated knowledge, initiatives and methodological & operational management frameworks :

- Integrated Coastal Zone Management (ICZM)
- Integrated Water Resources Management (IWRM)
- Integrated Ground Water Management (IGWM)
- Integrated Urban Water Management (IUWM)
- Integrated Solid Waste Management (ISWM)
- Integrated Pollution Prevention & Control (IPPC)
- Sustainable Development Planning (SDP) / SUDECIR methodology, etc.
- Ecosystem Approach (ECAP)
- Spatial Maritime Planning (SMP)
- Holistic Approach/Holistic Management
- Environmental Management and Planning
- Physical/Space Planning (urban planning, e.g. city planning and management)
- Environmental Resource Management (ERM)

Various types of Integrated Management

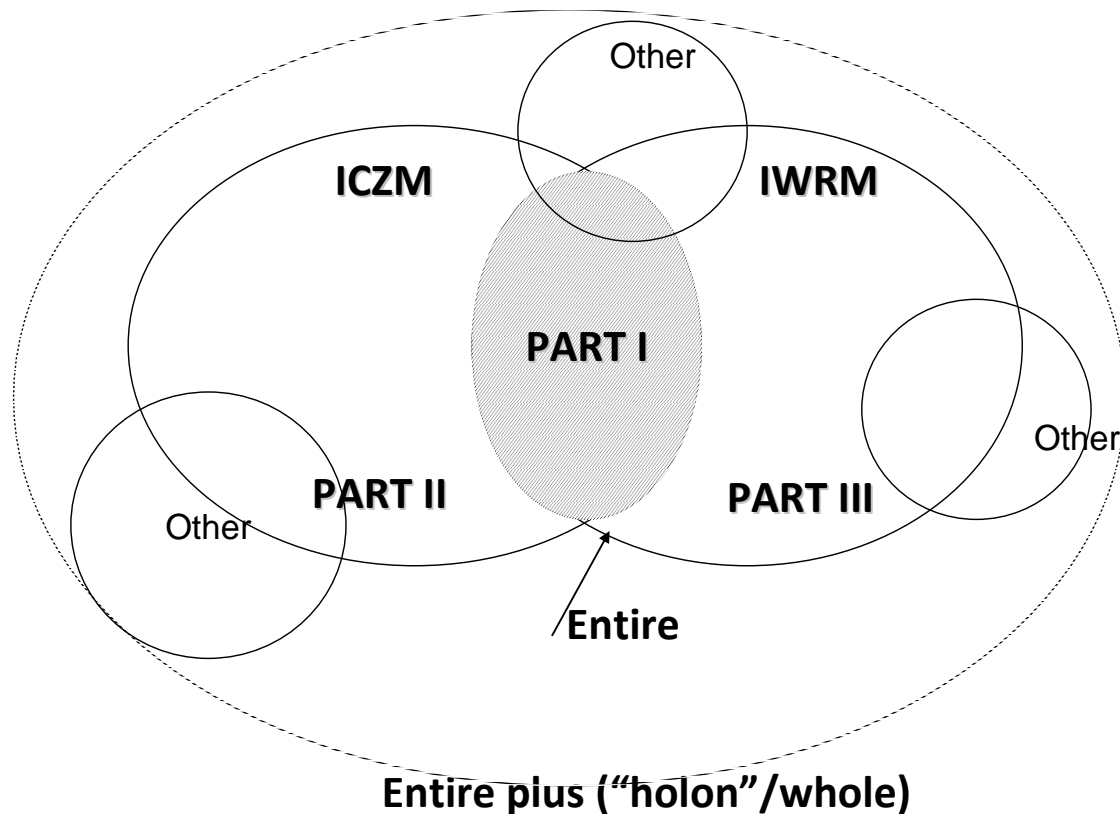


Operational Linkages between ICZM and IWRM

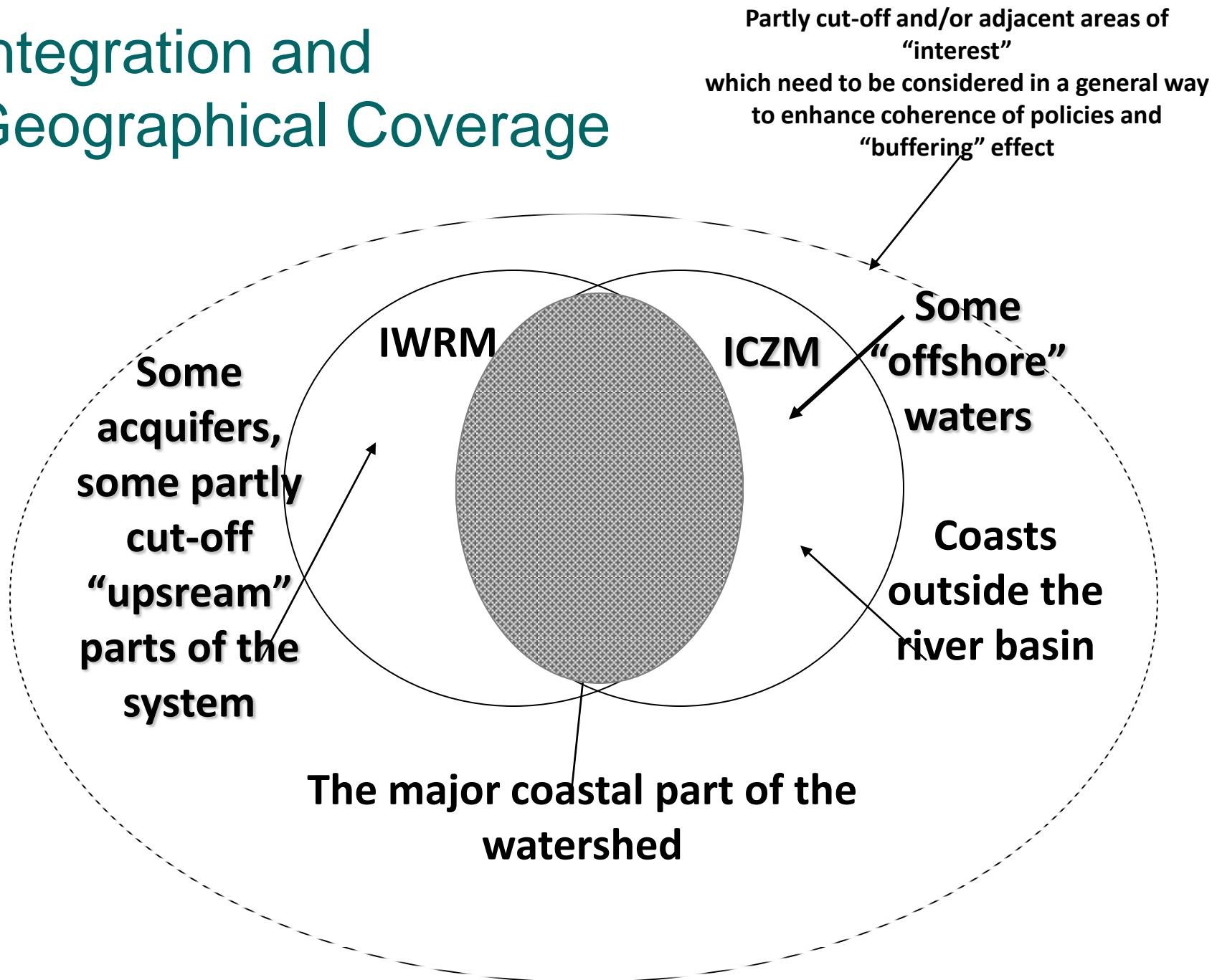
Integration in both is taking place across the same or similar:

- Geographical Coverage
- Systems
- Governance
- Sectors
- Stakeholders
- Methodologies

Visualisation of the combination/integration of ICZM with IWRM and other management practices

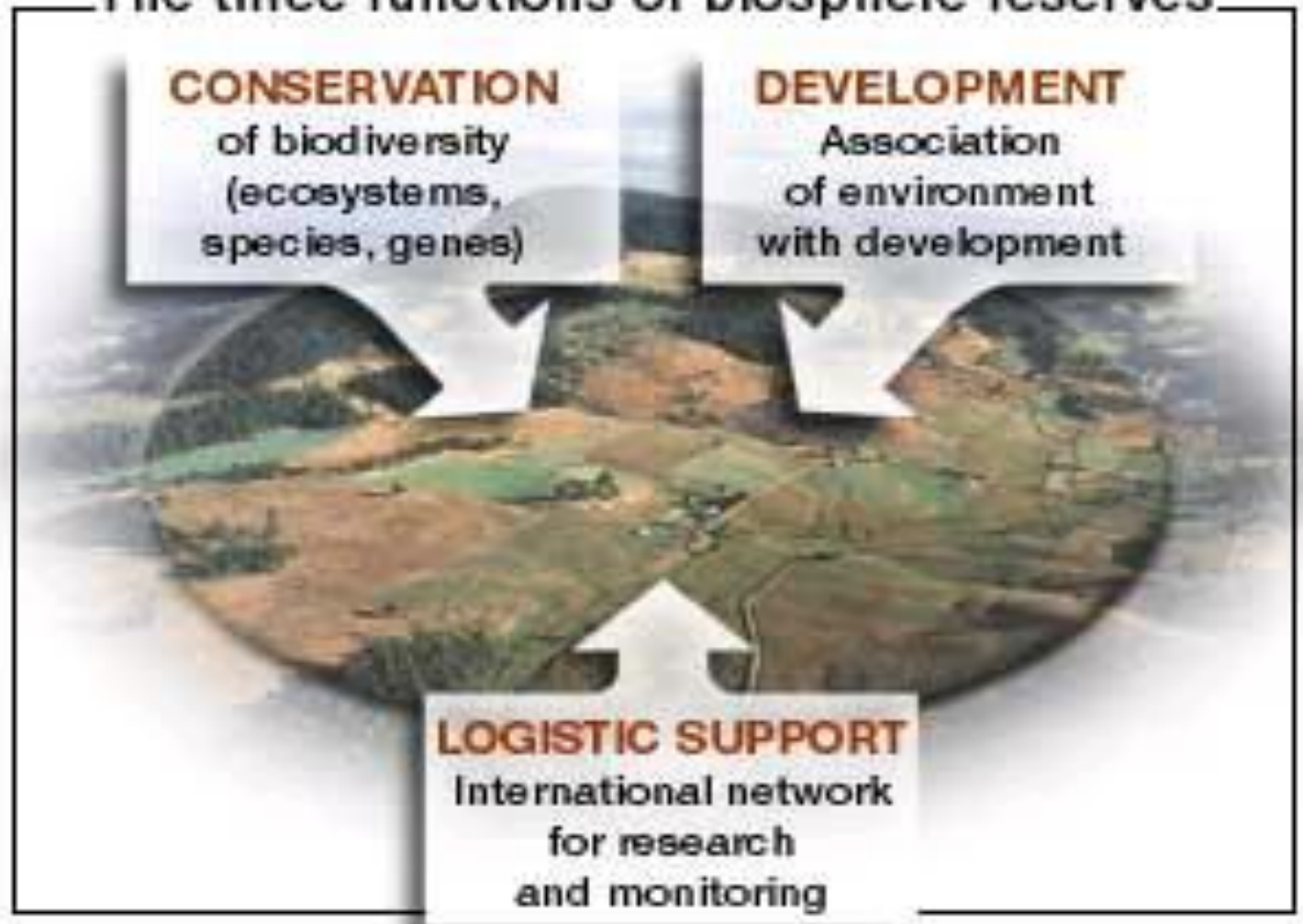


Integration and Geographical Coverage



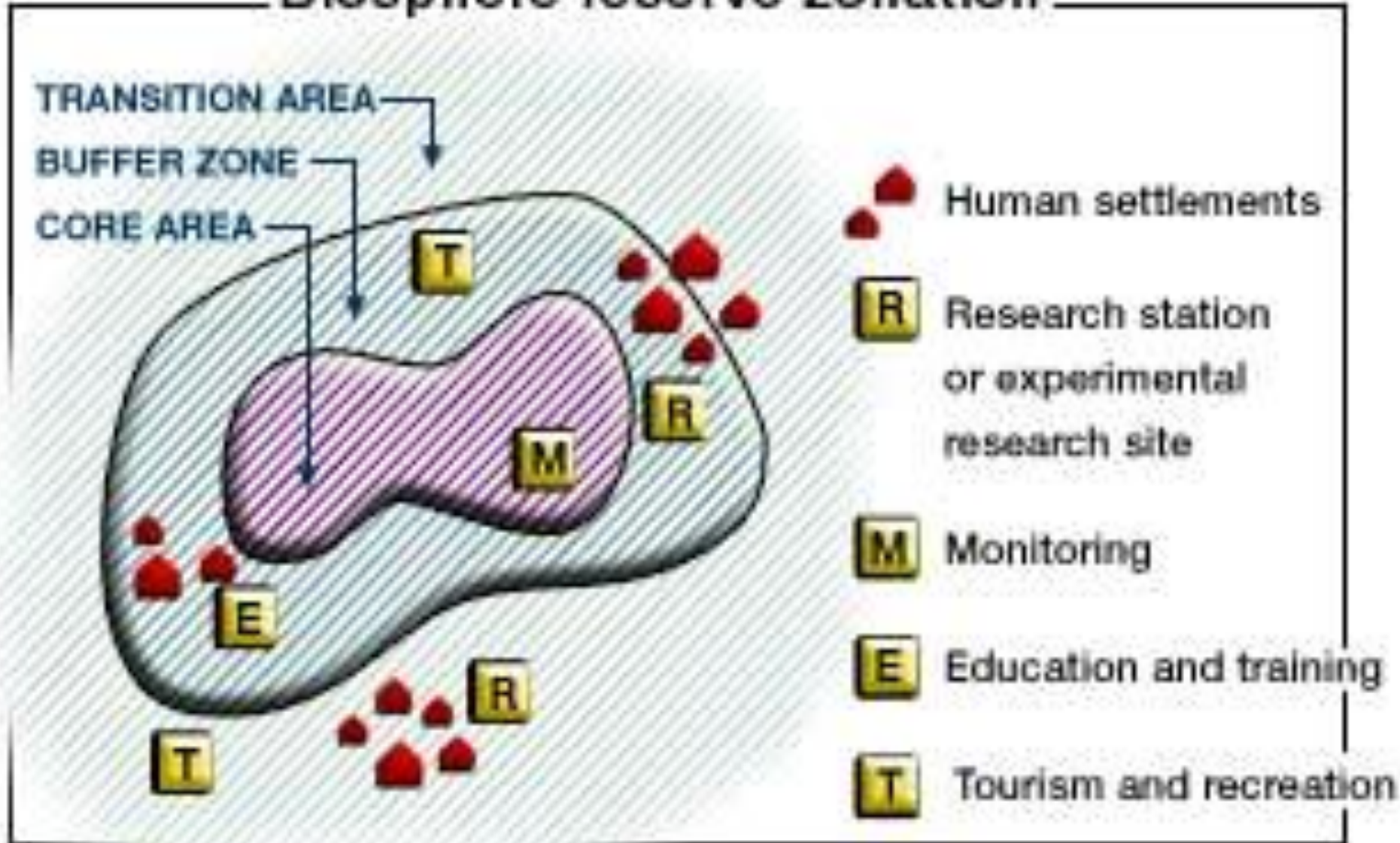
MAB/UNESCO Biosphere Reserves (BRs) approach (1995)

The three functions of biosphere reserves



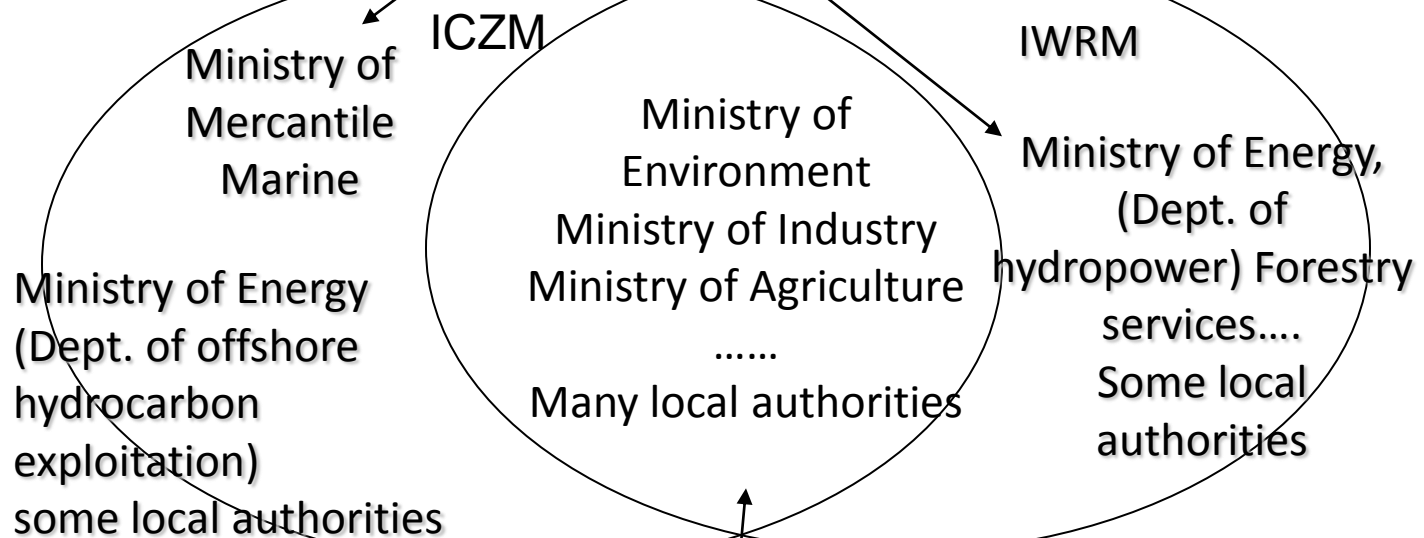
Differentiated Intensity of Integration

Biosphere reserve zonation



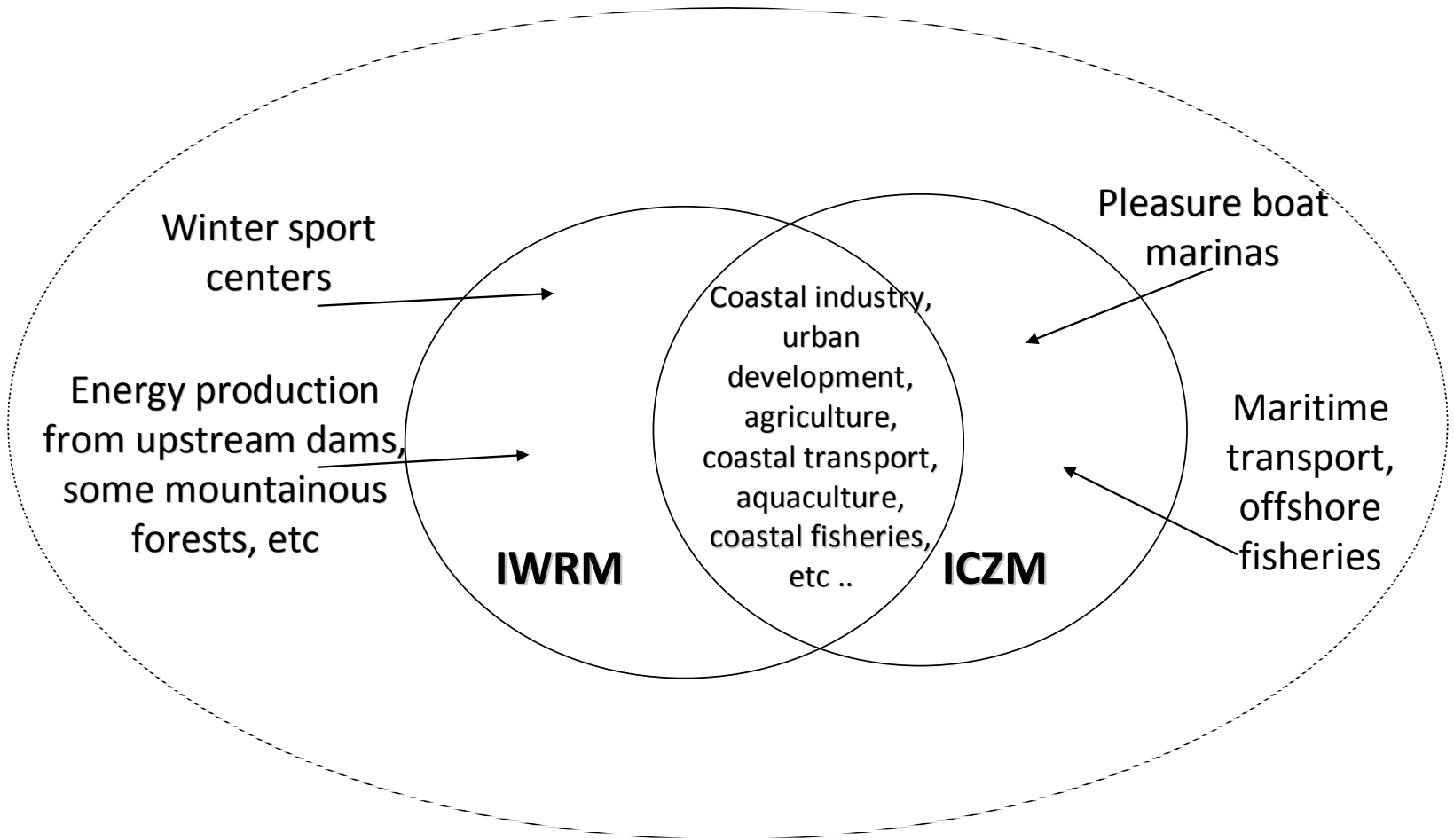
Governance for Integration

Important "peripheral" bodies

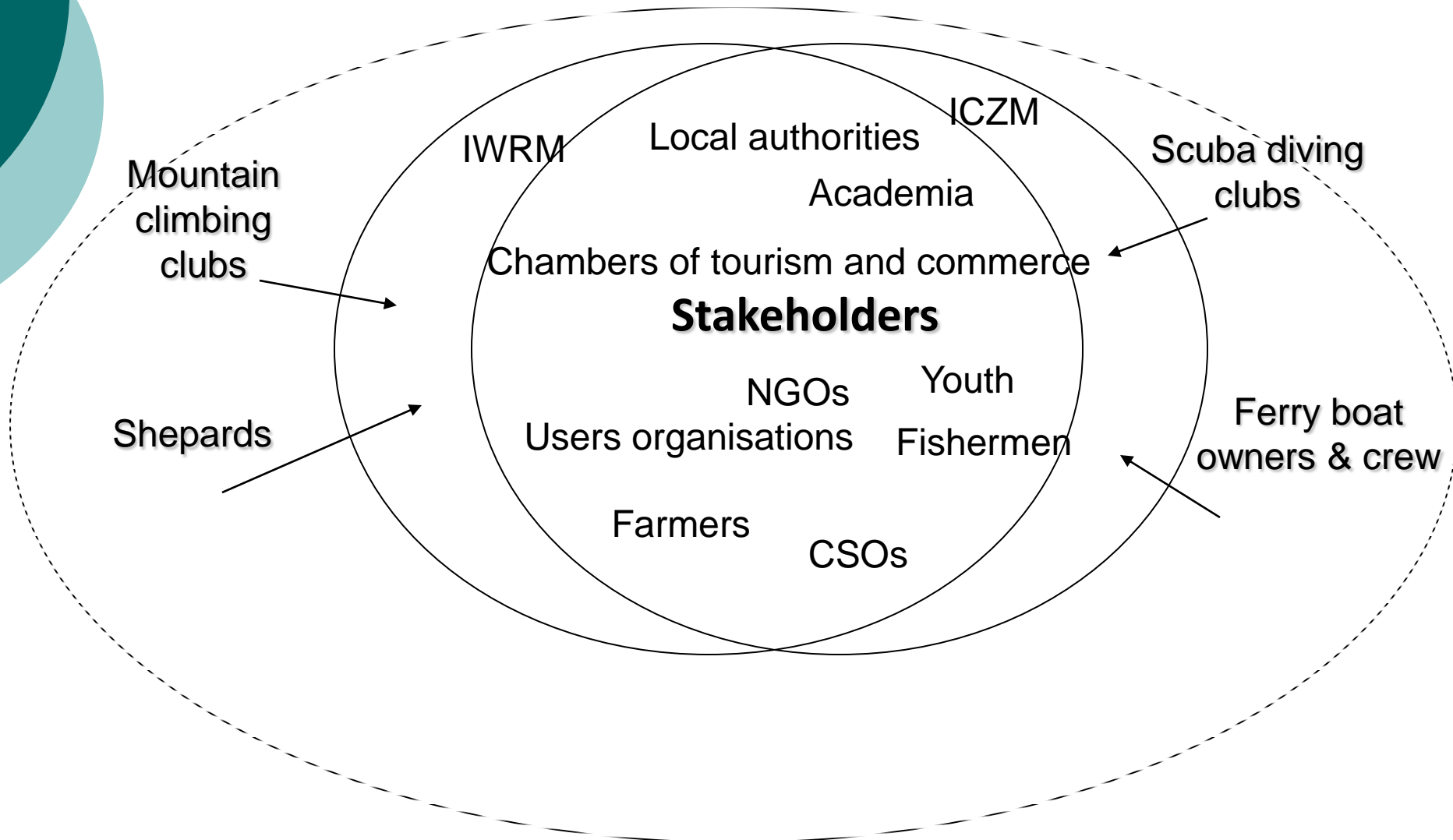


The core of the supervising governance structure including the "sponsor" organisation(s)

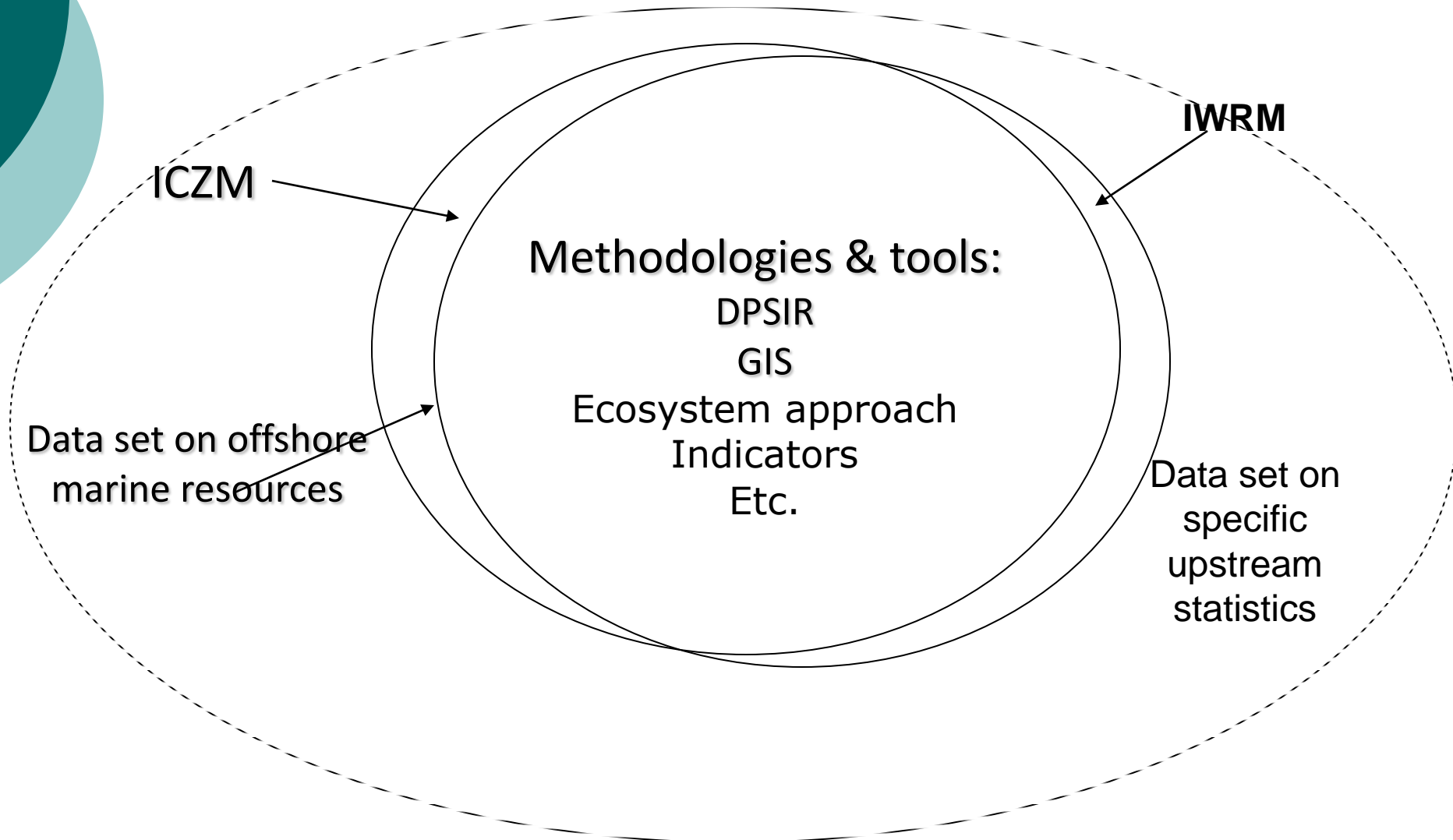
Integration across sectors



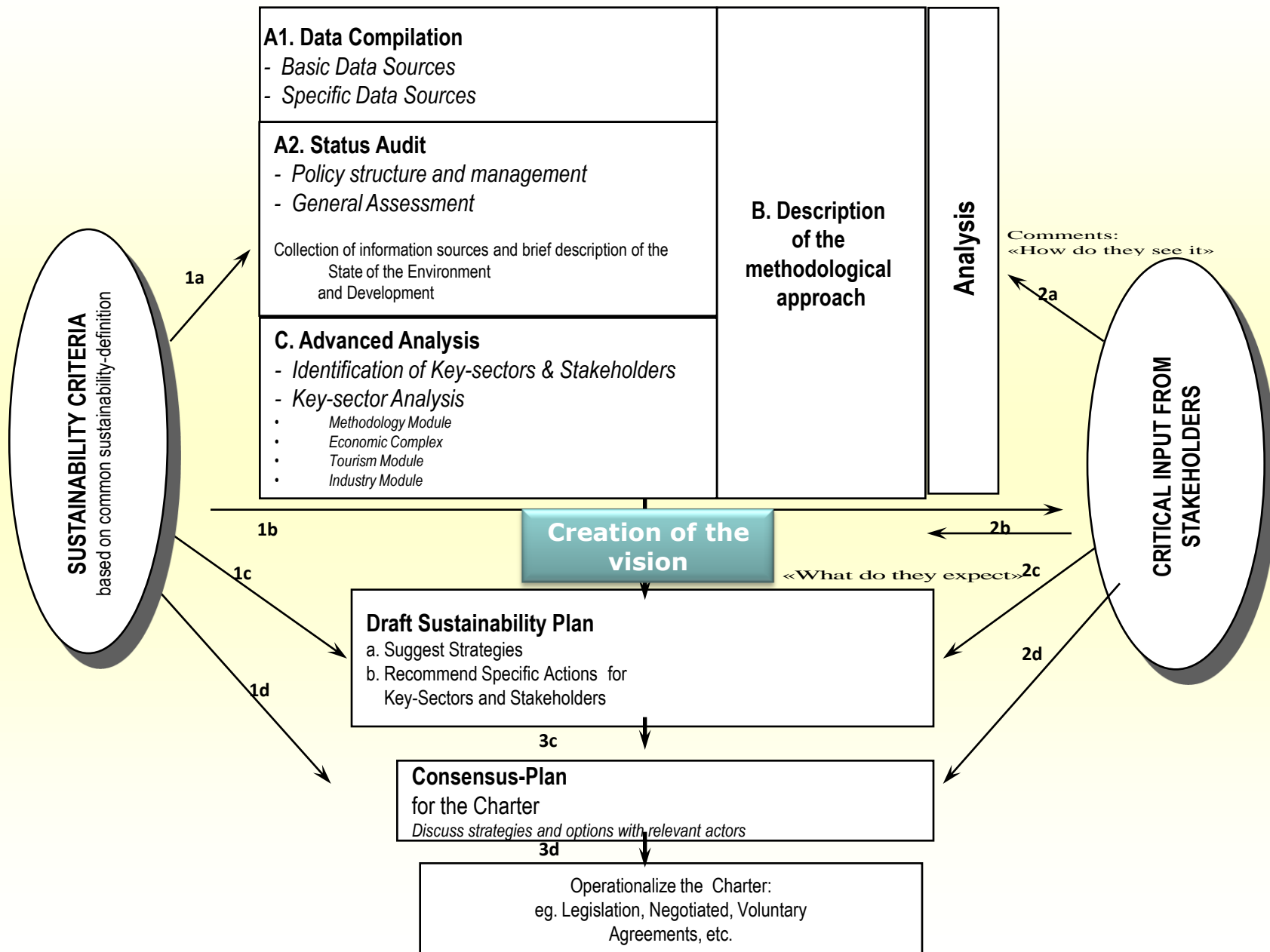
Stakeholders involved in Integration



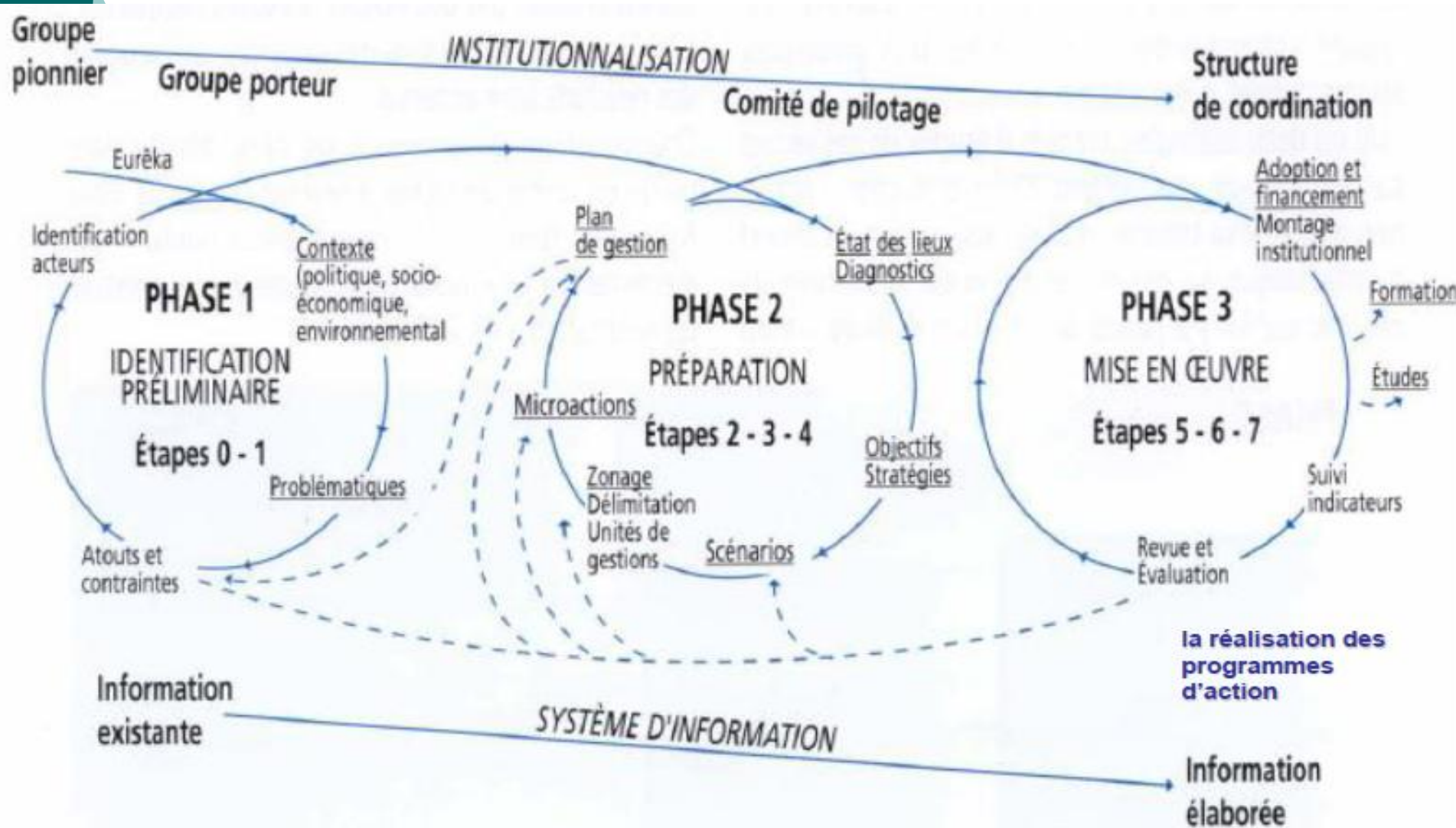
Methodologies employed for Integrated Planning and Management



COMMON PROCESS DIAGRAM FOR OPERATIONALISATION OF ICZM & IWRM



Common methodology for approaching ICZM, IWRM, etc.





THANK YOU!

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