

CARIBBEAN LARGE MARINE ECOSYSTEM (CLME) AND ADJACENT AREAS: PROJECT OVERVIEW

By

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BARBADOS



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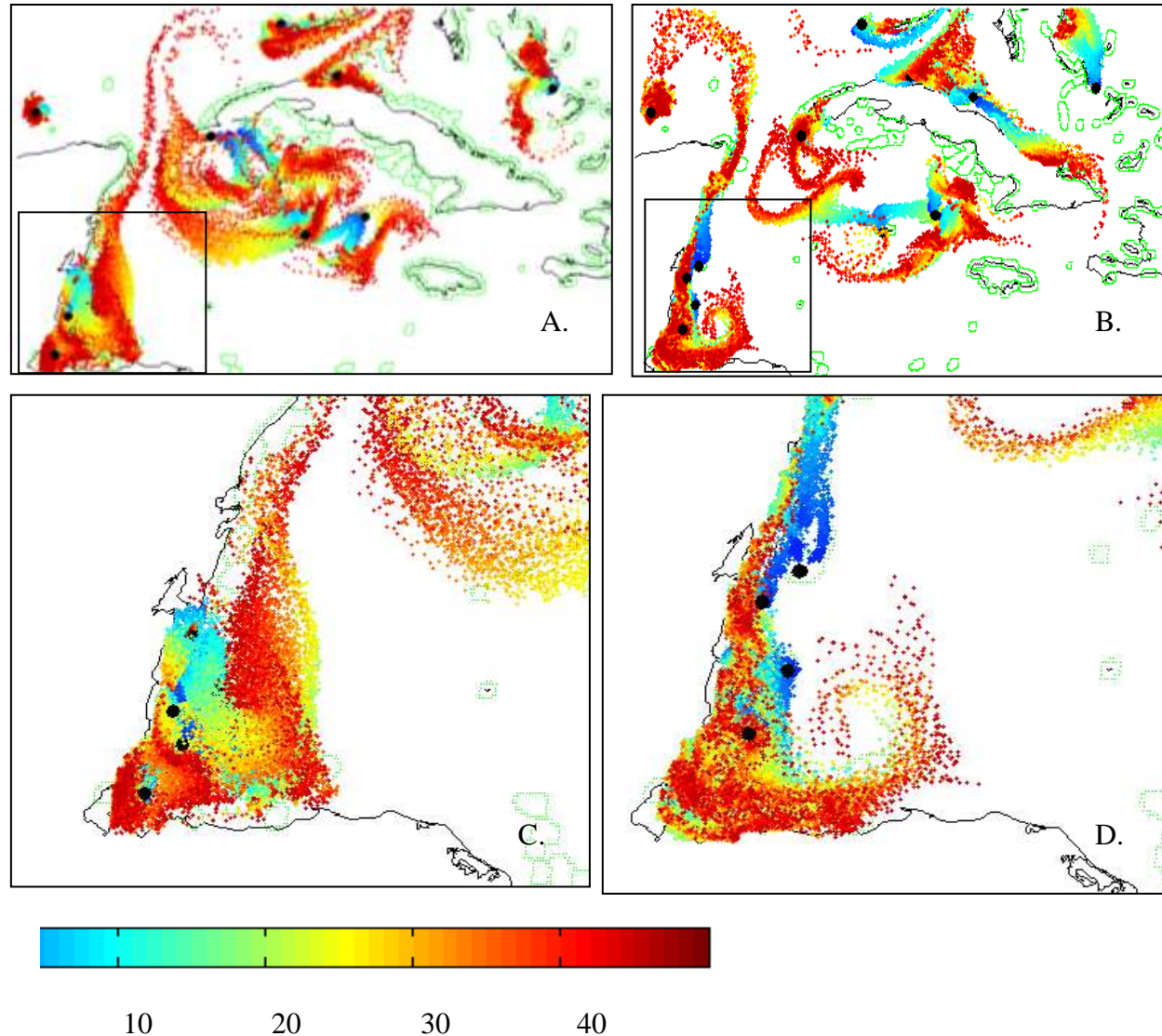
www.clmeproject.org

CLME PROJECT HISTORY

- Gestation period from mid 1990s to PDF-A in 2001
- PDF-B ran from April 2006 to March 2008
- 1st Steering Committee Meeting (SCM) in Panama in 2006 to approve Project Implementation Plan
- 2nd SCM in Colombia in 2007 to approve Full Sized Project (FSP) proposal
- GEF Approval on 18 April 2008
- Official start-up on 1 May 2009 until 30 April 2013
- 3th SCM in Oct. 2009 in Cartagena, Colombia.

How dispersion works

- Dispersion is not a simple process
- Dispersion is more effective in species with longer larval stages
- On site self-recruitment is more probable for species with shorter larval stages
- It would be interesting to see how connections work



PARTNERS (1)

- **23 GEF eligible countries:** Antigua and Barbuda, Bahamas, Barbados, Belize, Brazil, Colombia, Costa Rica, Dominica, Dominican Republic, Guatemala, Grenada, Guyana, Haiti, Honduras, Jamaica, Mexico, Nicaragua, Panama, St Kitts and Nevis, St Lucia, St Vincent and the Grenadines, Suriname, Trinidad and Tobago
- **2 associate countries:** Cuba, Venezuela

Beneficiary groups

1. Regional organizations
2. Eligible and associated countries
 - Fisheries departments or equivalents
 - Marine Resources administrators
3. Fishery Community
 - Private sector (industry)
 - Artisanal or cooperative groups
 - Local Communities associated
4. Environmental
5. Tourism sector

CO-FINANCING PARTNERS

- Caribbean Regional Fisheries Mechanism (CRFM)
 - Census on Marine Life (CoML),
 - CERMES
 - Cropper Foundation,
 - IUCN
 - US National Oceanic and Atmospheric Administration (NOAA)
- The Nature Conservancy (TNC)
 - OLDEPESCA
 - OSPESCA
 - Rosentiel School/University of Miami
 - UNEP
 - WECAFC (FAO)
 - UNESCO

REGIONAL PARTNERS

- Association of Caribbean States (ACS)... CSC
- Central American Organization for Fisheries (OSPESCA)
- Caribbean Community Climate Change Centre (CCCCC)
- Caribbean Environmental Health Institute (CEHI)
- Caribbean Natural Resources Institute (CANARI)
- UN Economic Commission for Latin America and the Caribbean (ECLAC)
- Gulf of Mexico LME Project
- GEF Integrating Watershed and Coastal Areas Management (IWCAM)
- Organisation of American States (OAS)
- Organisation of Eastern Caribbean States (OECS)
- Associated BINGO s

Project goal and purpose

GOAL

Sustainable provision of goods and services provided from the shared living marine resources in the Wider Caribbean Region through robust cooperative governance.

PURPOSE

Sustainable management of the shared living marine resources of the Caribbean LME and adjacent areas through an integrated management approach that will meet the World Summit on Sustainable Development targets for sustainable fisheries (restore stocks by 2015).

PROJECT OBJECTIVES

1. To **identify, analyse, and agree** upon major **issues, root causes and actions** required to achieve sustainable management of the shared living marine resources in the Caribbean LME and its adjacent regions
2. To **improve the shared knowledge base** for sustainable use and management of transboundary living marine resources.

PROJECT OBJECTIVES (2)

3. To implement legal, policy and institutional (SAP) reforms to achieve sustainable transboundary living marine resource management.
4. To develop an institutional and procedural approach to LME level monitoring, evaluation and reporting.

Priority transboundary issues

1. Unsustainable exploitation of fish and other living resources;
 2. Habitat degradation and community modification;
 3. Pollution
- cross-cutting issue
- Climate change
 - Ecosystem base management

Work strategy

3 Priority Fisheries Ecosystems

- Coral Reef
 - Spiny Lobster
 - Reef Fish
- Pelagic
 - Large Pelagics
 - Flying fish
- Shelf
 - Shrimp and Groundfish

STRATEGY

1. Develop an updated base of knowledge via TDA updated and CCA.
 - Recognizing asymmetries both regional, social and economics, political, cultural as well thematic.

STRATEGY

2. Use the information from pilot projects and study cases to
 - Test Hypothesis
 - Create an enabling environment
 - Incorporate reliable data and information management for decision making
 - Create solid building blocks made of field base knowledge
 - Prove feasibility on experience.
 - Develop a proposals.

The CLME will use study cases and pilot projects with local, national and **regional partners** in order to gather this information and promote these processes to build a SAP

STRATEGY

3. Create a proposal for Fisheries governance in the Caribbean which will be the base for a SAP.

SAP will incorporate at least

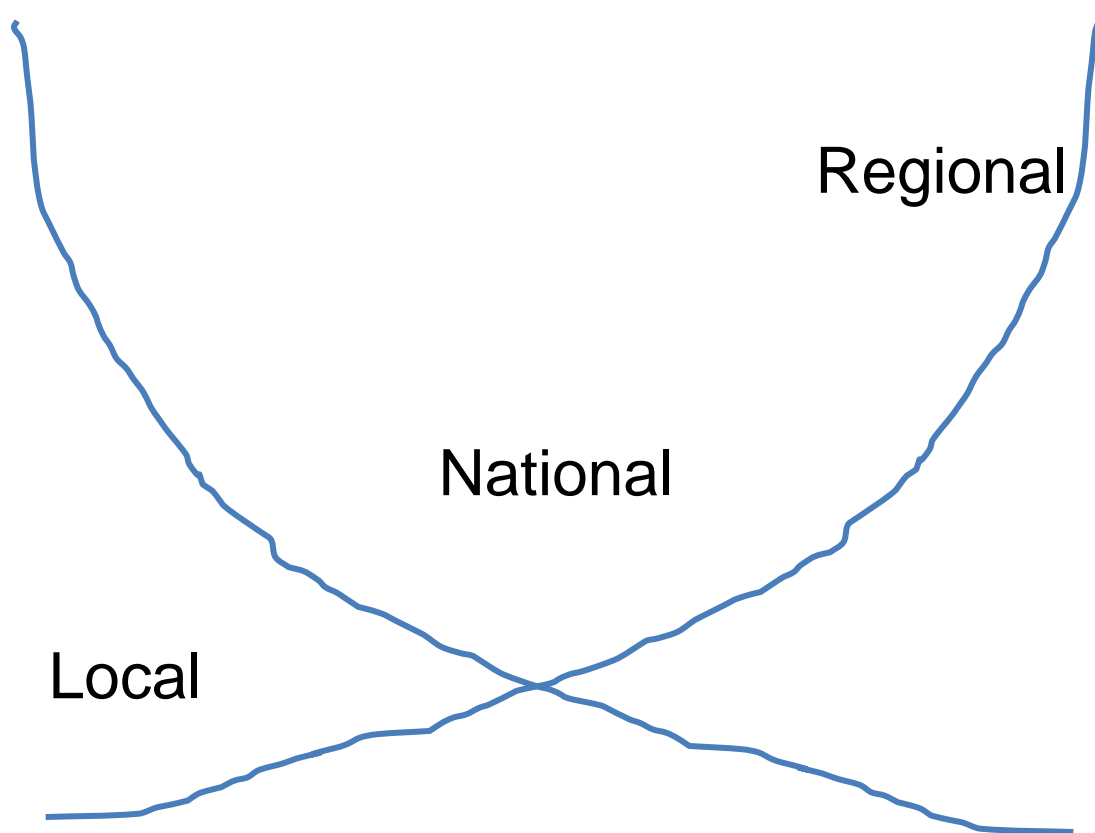
1. Institutional matters.
2. Improve data management and decision making.
3. Governance structures and policies.
4. Seascapes management strategies and actions.
5. Fisheries practices to be improve.
6. Legal aspects for governance at all levels.
7. Social and economics aspects.

Expected results will include

- Develop innovative governance and management approaches suited to the Caribbean
- Enable countries and regional organisations to better engage in regional processes and frameworks
- Help countries effectively address LME problems through Ecosystem Based Management (EBM) approach

Conceptual model for intervention at different scales

Risk levels



Investment levels
per impact unit

Impact levels

Just few examples of governance issues at local levels

- Promotion of community base fisheries
- Establishment of co-management, concessions schemes or exclusive right access practices.
- Promotion of community base conservation.
- Agreements on fishing improved practices.
- Demonstrate the value of no take zones for fisheries.

Just few examples of governance issues at National levels

- Establishment and promotion of improve fishing practices.
- Improve legal framework for achieve sustainable fisheries, like fishing quotas.
- Improve enforcement.
- Create incentive for sustainable fisheries and marine ecosystem management.
- Promotion of co management.
- Development of MPA Network and seascape management regimes.
- Create a balance among community base and industrial fishing grounds.

Just few examples of governance issues at Regional levels

- Harmonize legal fishing practices, including size limits, seasons, banning, fishing quotas etc...
- Coordination in protection of highly migratory resources.
- Harmonize levels for pollutants disposition.
- Coordination to ensure protection networks.
- Ensure coordination to evaluate cumulative impact assessment on marine transboundary resources.
- Agreement on legal conditions for pollution

Take home messages

- As you might realize CLME project it is very much ambitious
- We are facing many cutting edge issues on marine conservation and fisheries.
- Challenges are huge
- Budget is limited
- But we have great deal of support form some of the most important and recognized organizations in the Caribbean and around the world so we are vey much full of hope of been successful.
- The SAP and Governments commitment to implement it will be the major results of CLME....

Thanks you..

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THE TDA SAP PROCESS (2)

TDA

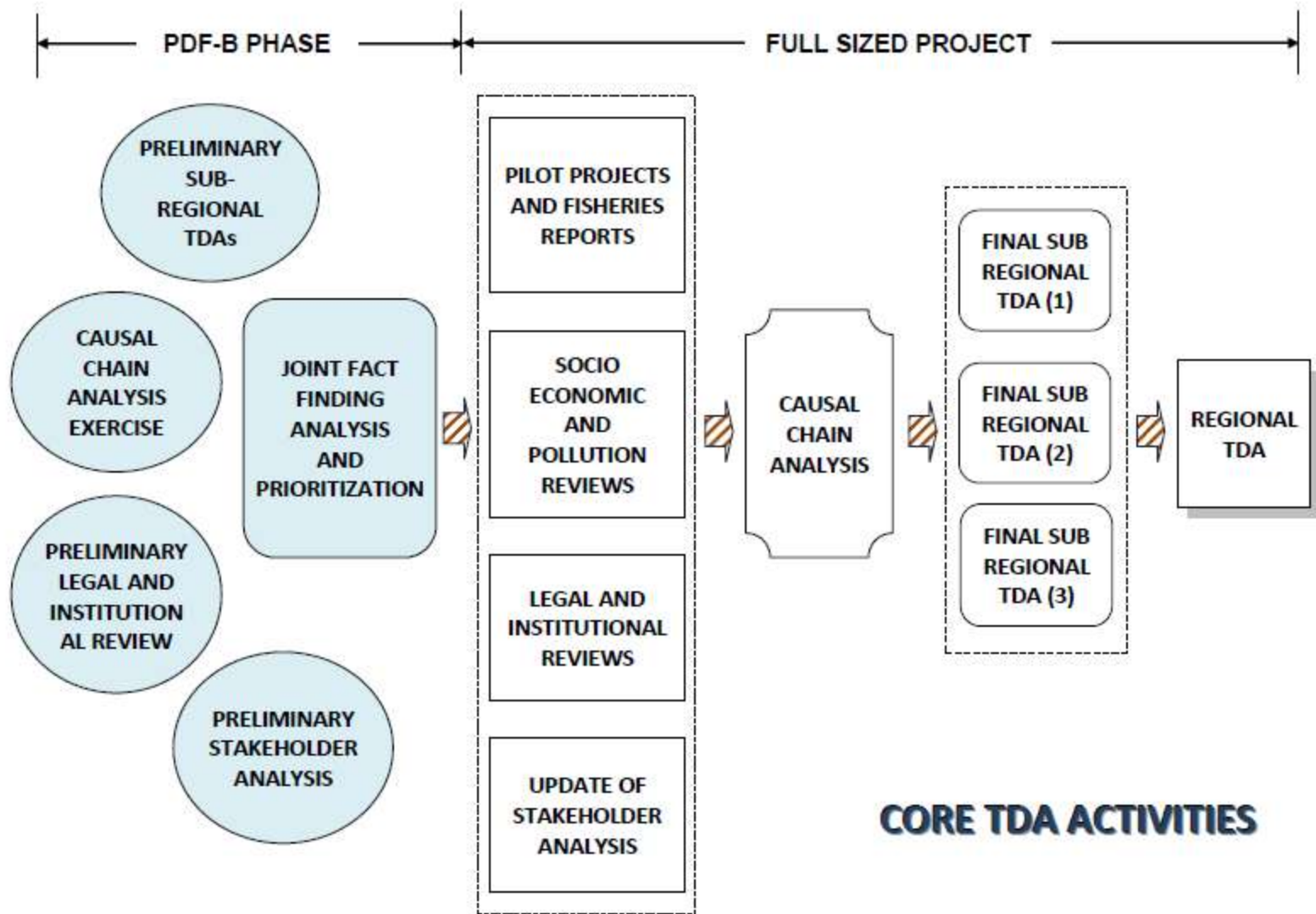
Identify and prioritise transboundary problems and root causes

SAP

Agree actions (reforms and investments) needed to address prioritised transboundary problems

Outcome 1: TDA Core Activities

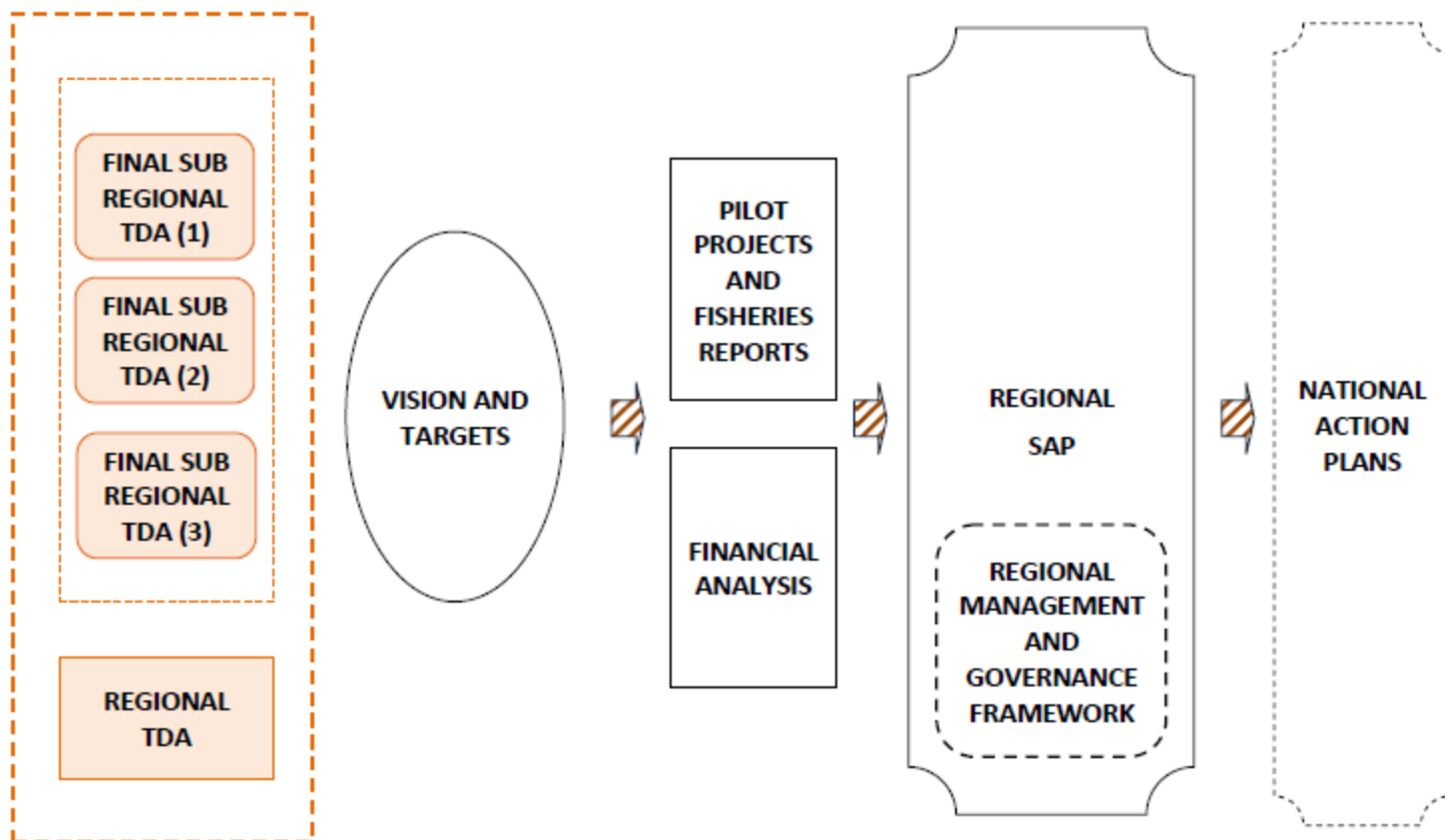
- 1. TDA SAP Training Course** – taught by TDA SAP Expert from January 2010.
- 2. Technical Reviews and Project Reports** – to fill knowledge gaps, in progress now
- 3. Causal Chain Analysis** – produced by Technical Task Team (TTT) with inputs from Stakeholder Advisory Group (STAG) January 2010.
- 4. Final TDAs for fisheries ecosystems in the Caribbean** – led by Sub-regional Fisheries Experts
- 5. Final Regional TDA** – drafted by TDA SAP Expert



Outcome 2: SAP Core Activities

1. **Vision and Targets** – TTT and SAP Formulation Team with inputs from STAG
2. **Financial Analysis and Project Reports** – to support SAP preparation
3. **Strategic Action Programme** drafted by TDA SAP Expert with inputs from Sub-regional Fisheries Experts and National Focal Points incorporating **Regional Management and Governance Framework (RMGF)** – for Caribbean living marine resources (LMR) based on widely consulted options and taking into account existing institutions and structures
4. **National Action Plans** – implementing SAP at the country level

CORE SAP ACTIVITIES



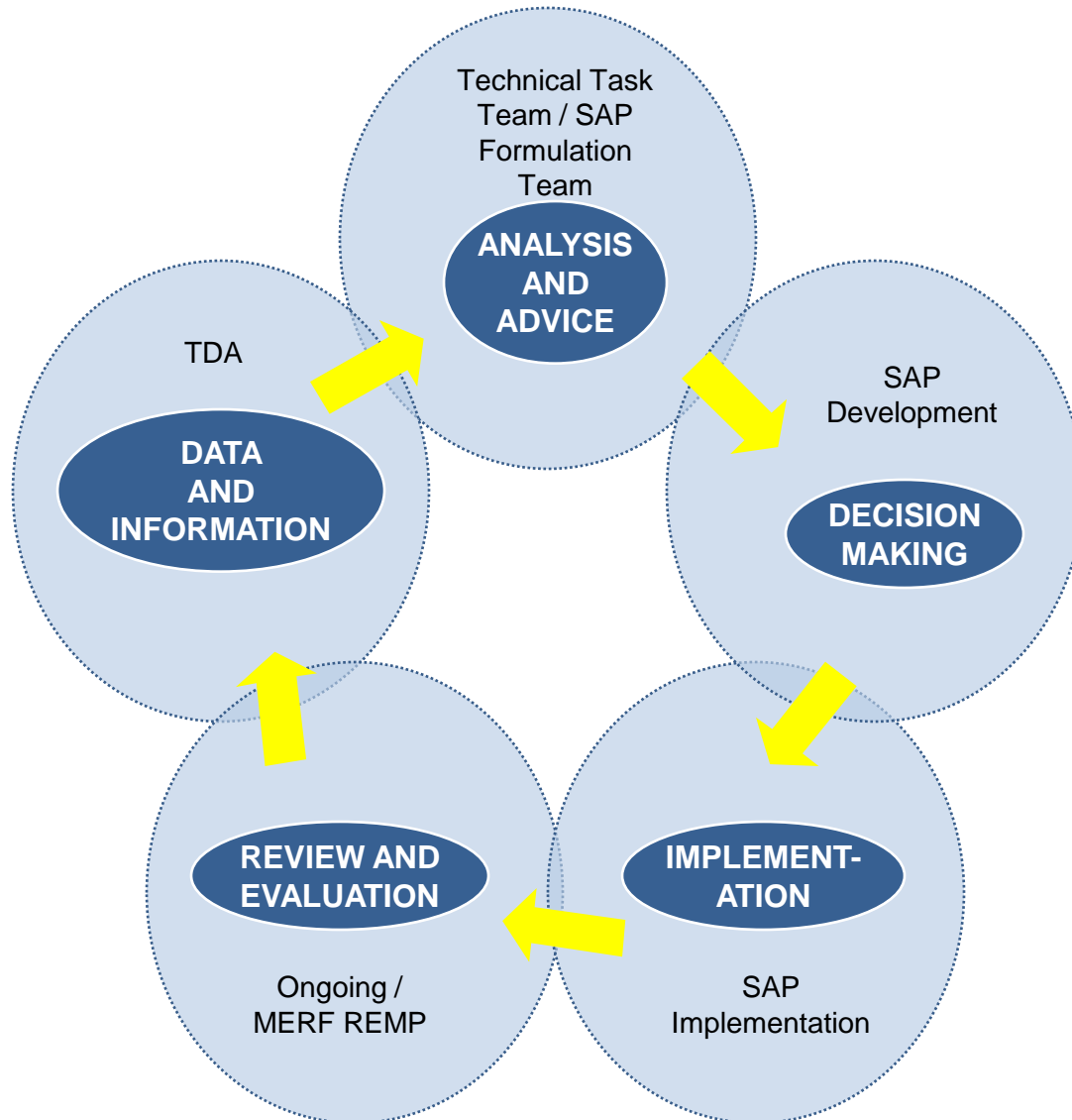
COMPLEMENTARY ACTIVITIES

- **CLME Monitoring and Evaluation and Reporting Framework (MERF)** – to monitor CLME status and implementation of SAP; includes **Regional Ecosystem Monitoring Programme (REMP)** to track long term trends in CLME transboundary issues
- **Information Management System (IMS)** – bring together existing fragmented LMR data and information systems into one publicly accessible platform which supports CLME MERF

COMPLEMENTARY ACTIVITIES (2)

- **Stakeholder Analysis and Public Participation Strategy** – to identify key regional stakeholders, ensure their active participation in the TDA SAP process and incorporate their points of view in the TDA SAP products
- **Communications Strategy** – ensure effective information exchange and dissemination of Project messages to key partners and stakeholders
- **CLME Project Web Site** – interactive source for CLME Project information and documentation and portal to partners and other pertinent links

POLICY CYCLE AND TDA SAP PROCESS



Outcome 3: Core Activities of Lobster and Reef Fish Pilot Projects

1. Identify and test sustainable management and governance models based on the Ecosystem Based Management (EBM) approach at community levels that can be replicated and up-scaled to national and regional levels.
2. Promote conservation and strong governance including improved regulations and enforcement
3. Facilitate the transfer of best practices and the dissemination of lessons learnt
4. Agree sub-regional fishery management plans
5. Promote the ratification of international agreements relevant to the sustainable use of coastal and marine resources in the CLME

Outcome 4: Project Management Core Activities

- Establish and maintain a Project Coordination Unit (PCU); and
- Recruit local consultants for PCU: Stakeholder and Public Participation Expert (SPPE), Office Manager (OM), Information Technology Specialist (ITS) and Administrative Assistant (AA)

THE TDA SAP PROCESS

Project development

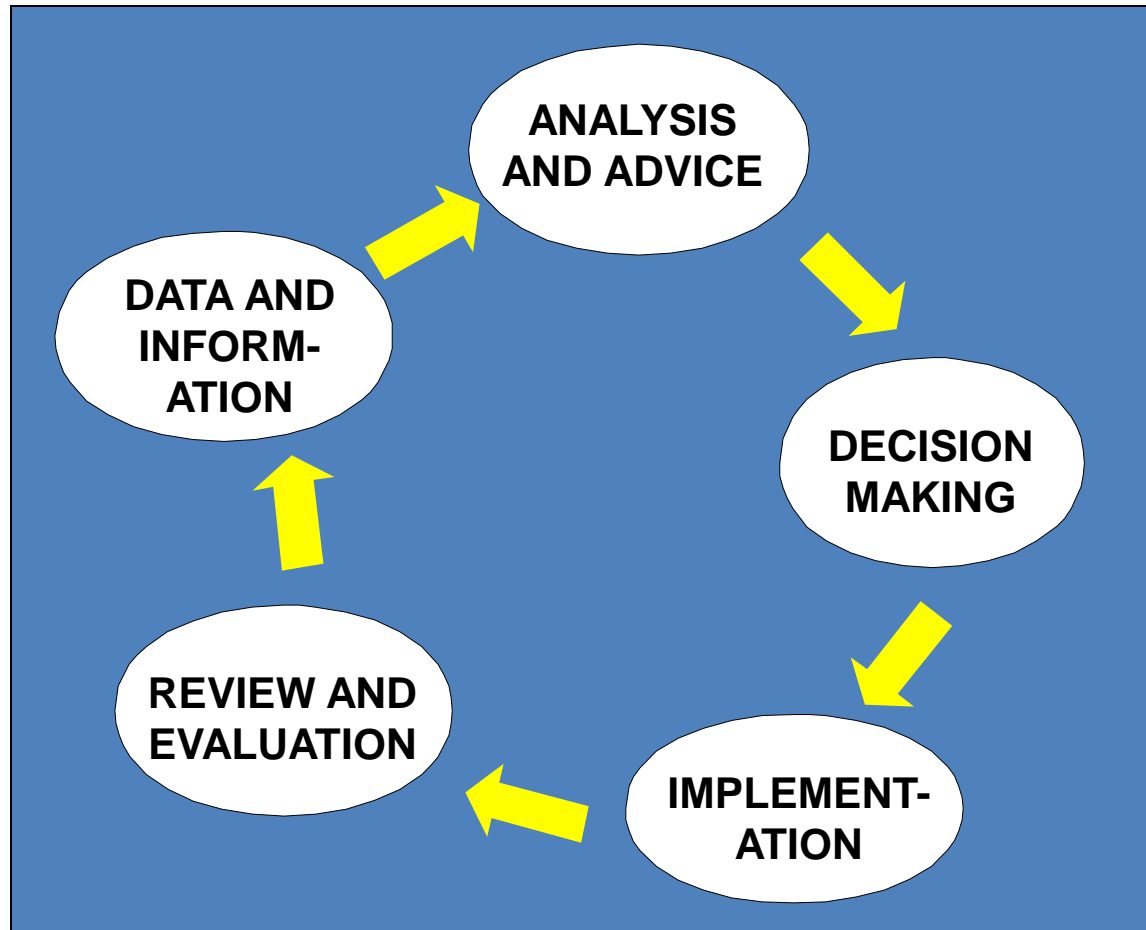
Planning the TDA/SAP

TDA development

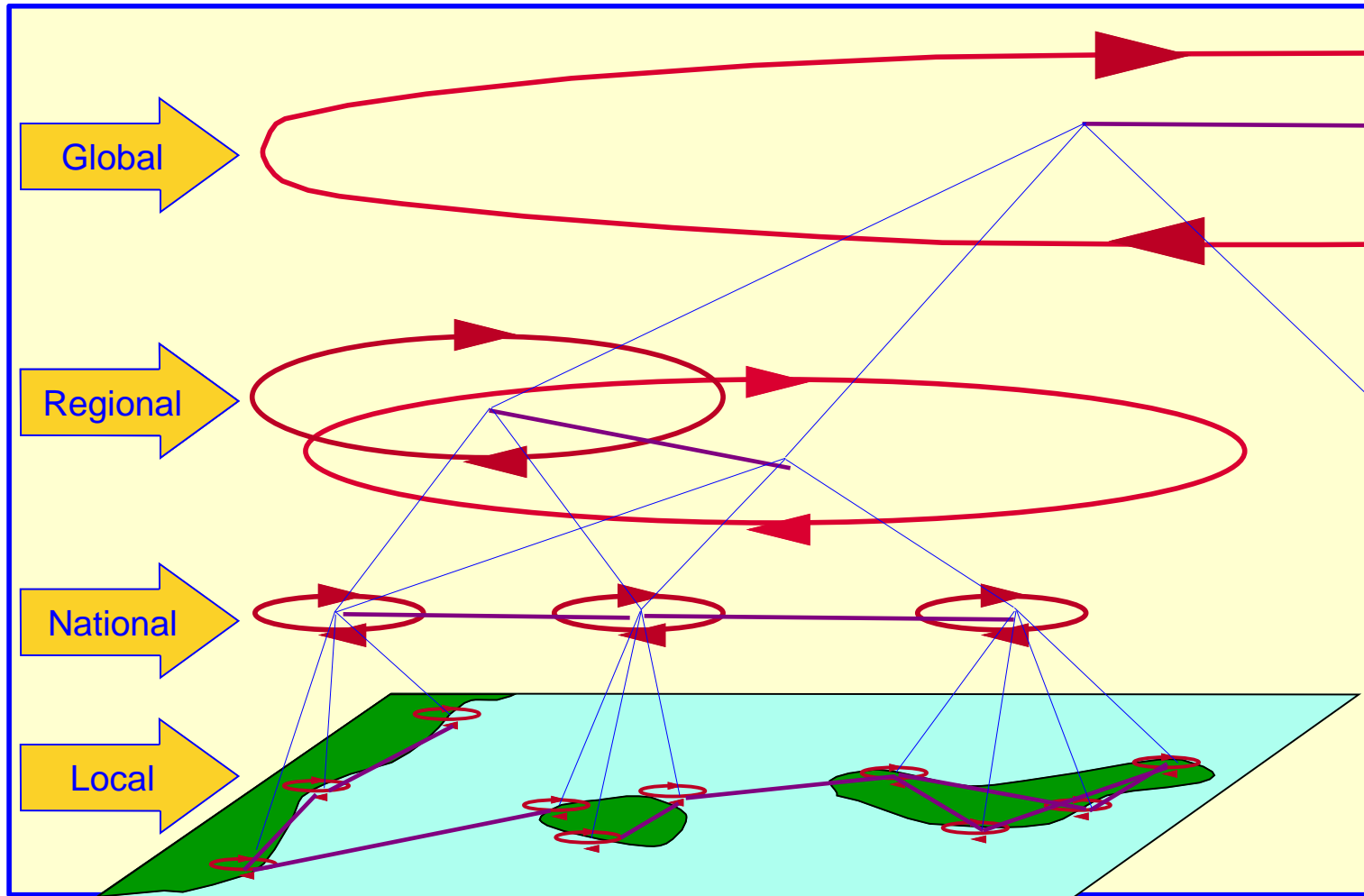
SAP formulation

SAP implementation

IMPROVE INSTITUTIONAL, LEGAL AND POLICY FRAMEWORKS



IMPROVE INSTITUTIONAL, LEGAL AND POLICY FRAMEWORKS (2)



Risk levels

Investment levels

Impact levels

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