UNEP/MAP GEF MedPartnership:
A New Partnership for the Mediterranean

Ivica Trumbic

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water
reuse and
desalination:
experience and opportunity
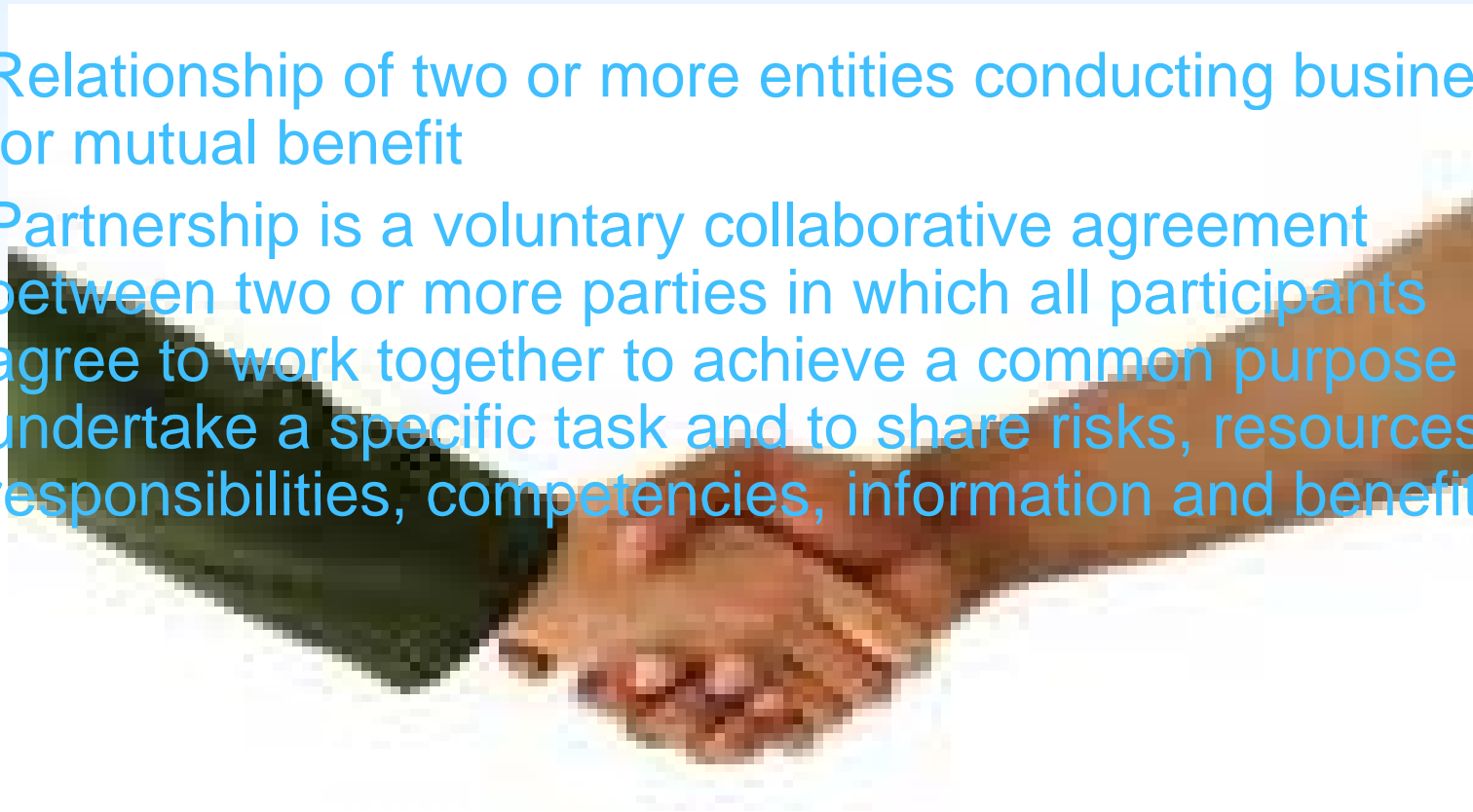
September 28, 29, 2010
The Cham Palace in Damascus, Syria

WHAT IS STRATEGIC PARTNERSHIP FOR THE MEDITERRANEAN SEA LARGE MARINE ECOSYSTEM (MEDPARTNERSHIP)?

- MedPartnership is a collective effort for the protection of the environmental resources of the Mediterranean

- It is led by UNEP/MAP and the World Bank, co-funded by GEF and involving other relevant international cooperation Agencies, International Financial Institutions (IFIs) and bilateral and multilateral donors.

PARTNERSHIP

- Relationship of two or more entities conducting business for mutual benefit
- Partnership is a voluntary collaborative agreement between two or more parties in which all participants agree to work together to achieve a common purpose or undertake a specific task and to share risks, resources, responsibilities, competencies, information and benefits
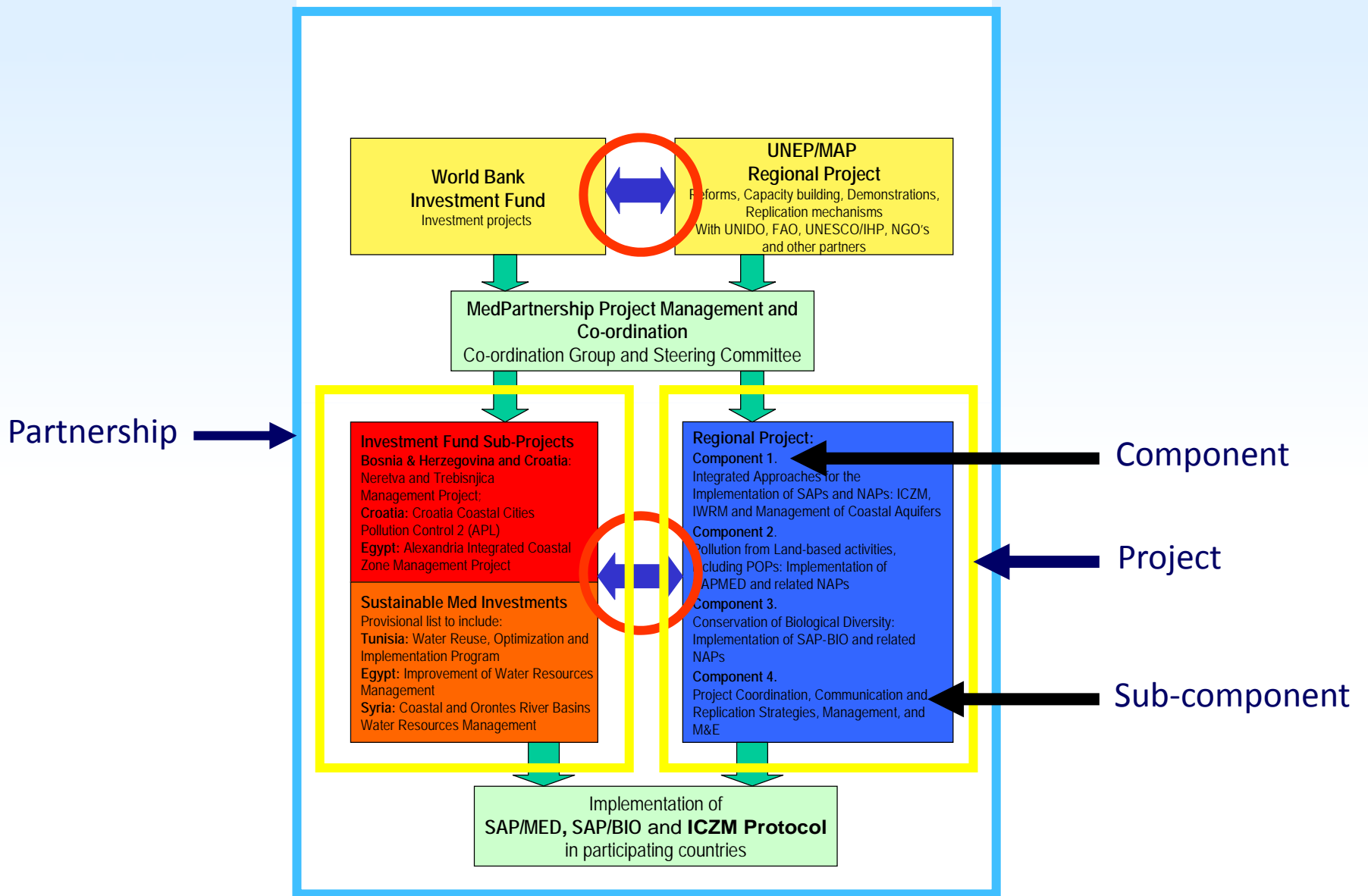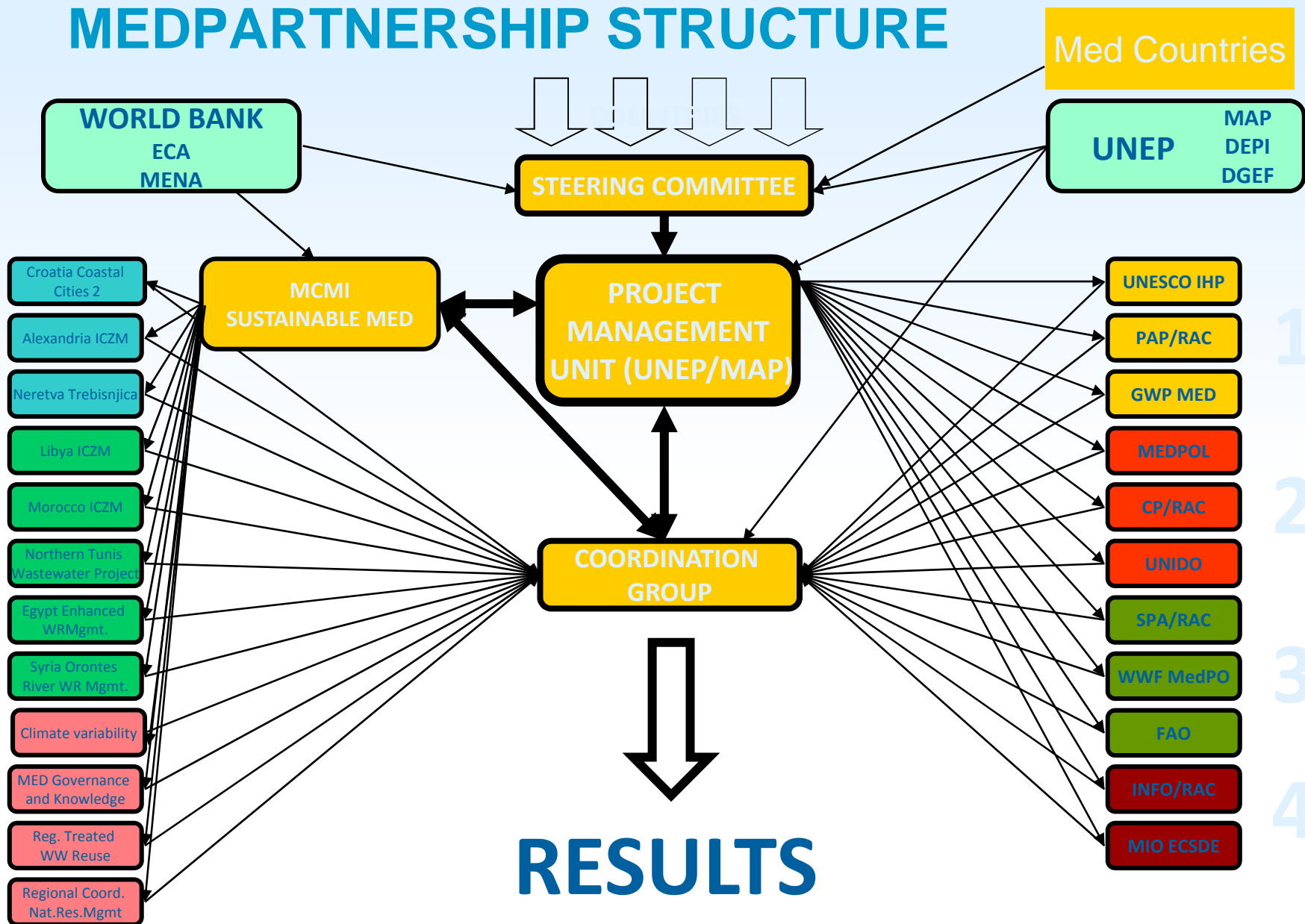
MEDPARTNERSHIP'S LONG-TERM GOALS

- -to assist countries in the implementation of the Strategic Action Programmes and National Action Plans to reduce pollution from land-based sources, and preserve the biodiversity and ecosystems of the Mediterranean from degradation;

- -to assist countries in the implementation of the ICZM Protocol;

- -to leverage long-term financing, and

- -to ensure through the Barcelona Convention and MAP systems the sustainability of activities initiated within the project beyond its specific lifetime.

ELEMENTS OF THE MEDPARTNERSHIP

- Levels:
  - Projects: Regional Project (led by UNEP) and Investment Fund (led by the World Bank)
  - Components: Regional Project has 4 components
  - Sub-components: Regional Project has 11 sub-components; Investment Fund has 11 projects identified
- Partners:
  - Executing agencies: UNEP/MAP and World Bank
  - Co-executing agencies: Regional Project has 11 partners (UN agencies, programs, RACs, NGOs)
  - Financing: GEF, MTF (UNEP), multilateral donors (1), bilateral donors (4), significant "in-kind" co-financing
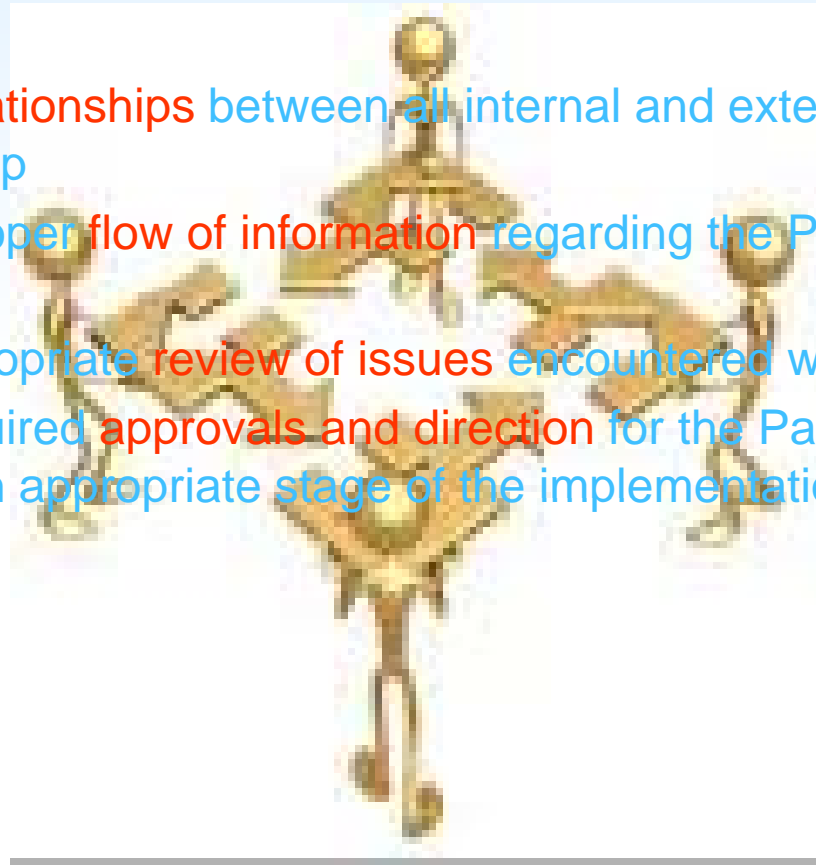
MEDPARTNERSHIP STRUCTURE

Med Countries

WORLD BANK
ECA
MENA

UNEP — MAP DEPI DGEF

STEERING COMMITTEE

MCMI SUSTAINABLE MED

PROJECT MANAGEMENT UNIT (UNEP/MAP)

Croatia Coastal Cities 2

Alexandria ICZM

Neretva Trebisnjica

Libya ICZM

Morocco ICZM

Northern Tunis Wastewater Project

Egypt Enhanced WR Mgmt.

Syria Orontes River WR Mgmt.

Climate variability

MED Governance and Knowledge

Reg. Treated WW Reuse

Regional Coord. Nat.Res.Mgmt

UNESCO IHP

PAP/RAC

GWP MED

MEDPOL

CP/RAC

UNIDO

SPA/RAC

WWF MedPO

FAO

INFO/RAC

MIO ECSDE

1
2
3
4

COORDINATION GROUP

RESULTS

N⦿SSTIA
NETWORK OF SYRIAN SCIENTISTS
TECHNOLOGISTS AND INNOVATORS ABROAD

Levant Desalination Association

IDA

MEDPARTNERSHIP'S GOVERNANCE

- Maintain the relationships between all internal and external groups involved in the Partnership
- Facilitate the proper flow of information regarding the Partnership to all stakeholders
- Ensure the appropriate review of issues encountered within the Partnership
- Ensure that required approvals and direction for the Partnership are obtained at each appropriate stage of the implementation

Objectives of the UNEP/MAP led Regional Project are

- to promote and induce harmonized policy, legal and institutional reforms

- to fill the knowledge gap aimed at reversing marine and coastal degradation trends and living resources depletion, in accordance with priorities agreed by the countries in the SAP MED and SAP BIO, and

- to prepare the ground for the future implementation of the ICZM Protocol.

REGIONAL PROJECT: COMPONENTS AND SUB-COMPONENTS

Component 1
Integrated Approaches for the Implementation of the SAPs and NAPs:
ICZM, IWRM and Management of Coastal Aquifers
1.1 Management of coastal Aquifers
1.2. Integrated Coastal Zone Management
1.3. Integrated Water resource Management

SAPMED

SAPBIO

Component 2
Pollution from Land-based activities including POPs: Implementation of SAPMED and related NAPs

2.1 Facilitation of policy and legislation reforms for pollution control

2.2 Transfer of Environmentally Sound Technology (TEST-MED)

2.3. Environmentally sound management of equipment, stocks and wastes containing or contaminated by PCBs in national electricity companies of Mediterranean countries

Component 4
Project Coordination, Replication and Communication strategies, and Management and M&E

4.1. Project Coordination, Management and M&E (sus financing)

4.2 Information and Communication Strategies

4.3. Replication Strategy

Component 3
Conservation of Biological Diversity: Implementation of SAP-BIO and related NAPs

3.1.Conservation of Coastal Marine Diversity through the development of a Mediterranean MPA Network

3.2. Promote the sustainable use of fisheries resources in the Mediterranean through the development and application of Ecosystem-based Management Approaches

OVERALL IMPACTS (REGIONAL PROJECT)

1. **Legal, policy and institutional reforms,** on a national and regional level: A minimum of 20 national/sub-regional policies, plans and programmes ; Regional legislations adopted; new tools, techniques and guidelines;

2. **Demonstration/pilot projects** will be implemented resulting in overall decrease in stress reduction to the Mediterranean LME: 32 demonstration projects resulting in a minimum of 15% of the 75 hotspots directly improved;

3. **Stakeholder participation**: NGO Involvement Plan, coordination amounst stakeholders, Country support programme;

4. **Replication, communication and sustainable financing mechanism**: 10% of the demonstration/pilot projects will be replicated during the life-span of the project.

SYNERGY

Synergy is the energy or force created by the working together of various parts or processes

MedPartnership's two separate executing agencies complement each other to provide assistance to the countries according to each agency's comparative advantage

COASTAL ZONE, WATER AND AQUIFER MANAGEMENT
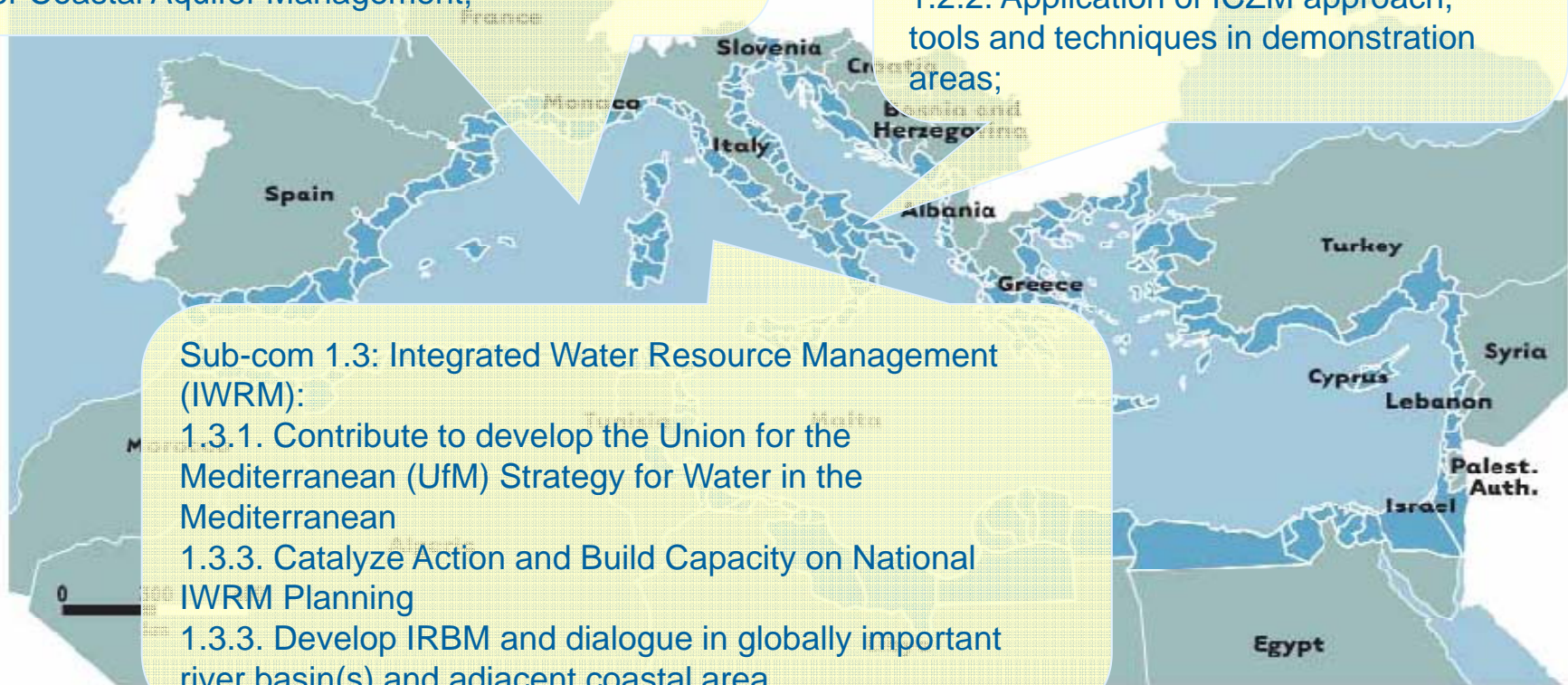
Sub-comp 1.1. Aquifers and groundwater:
1.1.1 Assessment of risk and uncertainty related to Mediterranean coastal aquifers;
1.1.2. Regional Actions for Coastal Aquifer Management
1.1.3.Legislative, institutional and policy reforms for Coastal Aquifer Management;

Sub-com 1.2: Integrated Coastal Zone Management (ICZM)
1.2.1. Support activities in preparation of National ICZM Strategies and National Action Plans;
1.2.2. Application of ICZM approach, tools and techniques in demonstration areas;

Sub-com 1.3: Integrated Water Resource Management (IWRM):
1.3.1. Contribute to develop the Union for the Mediterranean (UfM) Strategy for Water in the Mediterranean
1.3.3. Catalyze Action and Build Capacity on National IWRM Planning
1.3.3. Develop IRBM and dialogue in globally important river basin(s) and adjacent coastal area

POLLUTION FROM LAND-BASED SOURCES, & POPS

Sub-Comp 2.1. Facilitation of policy and legislative reforms for SAP MED

2.1.1. Management of phosphogypsum wastes from phosphate fertilizer production - Lebanon

2.1.2. Chromium, nutrients and BOD control in tanneries - Turkey

2.1.3. Recycling and regeneration of used lubricating oils - Algeria

2.1.4. Recycling of lead batteries - Syria

2.1.5. Assessment of the magnitude of riverine inputs of nutrients into the Mediterranean sea

2.1.6. Setting Emission Limit Values (ELV) in industrial effluents and Environmental Quality Standards (EQS)

2.1.7. to 2.1.9. Permit, Inspection and Compliance Systems

Sub-Comp 2.2. Transfer of Environmentally Sound Technology (Tunisia, Morocco, Egypt)

Start-up of the project and capacity building

Introduction of the TEST integrated approach at the demonstration enterprises

Dissemination of the results of the project

Sub-Comp 2.3. Environmentally Sound Management of equipment, stocks and wastes containing or contaminated by PCBs in national electricity companies of Mediterranean countries (Albania, Egypt, Libya and Syria)

Demonstration projects to improve the management programme of PCBs and facilitate the implementation of NIPs and MED-SAP -
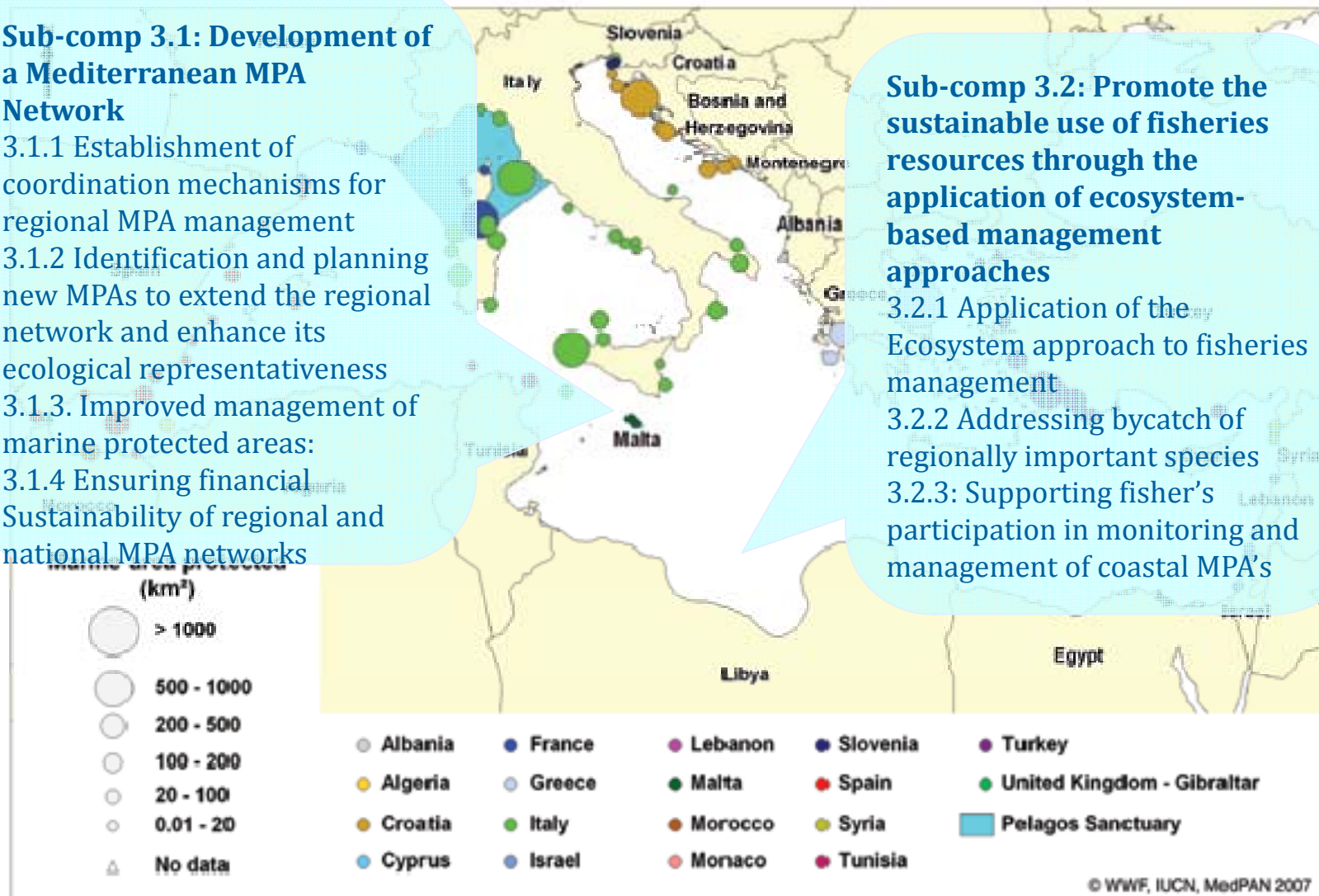
● **Pollution hot spots and pollution sensitive areas**

CONSERVATION OF BIOLOGICAL DIVERSITY

Mediterranean Marine Protected Areas

Sub-comp 3.1: Development of a Mediterranean MPA Network
3.1.1 Establishment of coordination mechanisms for regional MPA management
3.1.2 Identification and planning new MPAs to extend the regional network and enhance its ecological representativeness
3.1.3. Improved management of marine protected areas:
3.1.4 Ensuring financial Sustainability of regional and national MPA networks

Sub-comp 3.2: Promote the sustainable use of fisheries resources through the application of ecosystem-based management approaches
3.2.1 Application of the Ecosystem approach to fisheries management
3.2.2 Addressing bycatch of regionally important species
3.2.3: Supporting fisher's participation in monitoring and management of coastal MPA's

Marine area protected (km²)

○ > 1000
○ 500 - 1000
○ 200 - 500
○ 100 - 200
○ 20 - 100
○ 0.01 - 20
△ No data

○ Albania	● France	● Lebanon	● Slovenia	● Turkey
○ Algeria	○ Greece	● Malta	● Spain	● United Kingdom - Gibraltar
● Croatia	● Italy	● Morocco	● Syria	▢ Pelagos Sanctuary
● Cyprus	● Israel	● Monaco	● Tunisia	

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Objective of the World Bank led Investment Fund is

-to accelerate the implementation of transboundary pollution reduction and biodiversity conservation measures in priority hotspots and sensitive areas of selected countries of the Mediterranean basin that would help achieve the SAP MED and SAP BIO targets.

GEF SP Pipelined Investment Projects

- **GEF: 2602WB: P095925**

Alexandria Coastal Zone Management Project.

- **GEF: 3974WB: P118131   TF: 096891**
  MED Greater Tunis Treated Wastewater Discharge in the Mediterranean Sea

- **GEF: 3991 WB: P118090**

MED Enhanced Water Resources Management

- **GEF: 3970 WB: P118068**

MED Coastal Rivers and Orontes River Basins Water Resources Management project

- **GEF: 3978 WB: P117170**

MED Regional Coordination on Natural Resources Management and Capacity Building (TA)

GEF SP Pipelined Investment Projects

- **GEF: 4205**

Regional(Morocco, Syria, Jordan, West Bank and Gaza)

Regional Technical Assistance and Capacity Building for the Promotion of Treated Wastewater Reuse in the Mediterranean

Thank you!