

The Environmental Mediterranean Sustainable Development Program “SUSTAINABLE MED”

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Environmental management and protection in the Mediterranean

- Groundbreaking efforts since 1990 by Eastern and Southern Mediterranean countries
- Environment as a major national priority: establishment of ministries of environment, development of national environmental strategies, action plans and implementation of national projects
- Ratification of the Barcelona Convention
- Renewed and strengthened regional initiative - the Union for the Mediterranean (UFM)

Environmental management and protection in the Mediterranean

- Regional initiatives designed:
 - to support national agendas
 - to address shared challenges affecting the Mediterranean Sea
 - to explore the economies of scale of regional cooperation :

The Barcelona Convention/ UNEP-MAP programme, the EC funded LIFE third countries and SMAP programs, the Mediterranean Technical Assistance Programme (METAP), Horizon 2020, UFM Programs

- Key role of these programs in developing national and regional capacity and channeling investment lending from multilateral and bilateral developmental banks towards the environment

Rationale for a new initiative

- Accentuated pressures on natural resources, especially water and land, due to economic and population growth
- Food shortages
- Increased water stress from droughts
- Studies on the costs of environmental degradation (COED): losses in the order of 2.1 to 4.8% of the GDP of the countries of the region
- Newly recognized emerging climate change risks
- Challenges for the region to ensure that:
 - future development is environmentally and socially sustainable
 - natural resources degradation is stopped and reversed
 - risks arising from climate change are appropriately taken into account (with a focus on the Mediterranean Sea as a shared large marine ecosystem)

Conclusion

- There is a continued and urgent need to address the transboundary water issues of the sea, its coast, and the basins draining to the sea; and an opportunity to capitalise on recent developments in the region which underscore the commitment and political willingness among Mediterranean countries for concerted action in addressing their common challenges.

HOW: “Sustainable MED” Program

- **Governance** will be strengthened and related measures firmly embedded in institutional processes , establishment of a “Governance Structure (Higher Council??) for Environment and Sustainable Development “
- **Knowledge Generation and Technical Assistance:** “Know-MED-Center” : regional hub for knowledge development and dissemination, exchanges of information and expertise, capacity building, and promoting adoption of common policies, identification of new investments
- **Investments** addressing first-order environmental priorities with a high potential for replication and scaling up; and projects assisting countries meet their obligations towards the new Integrated Coastal Zone Management (ICZM) Protocol under the Barcelona Convention

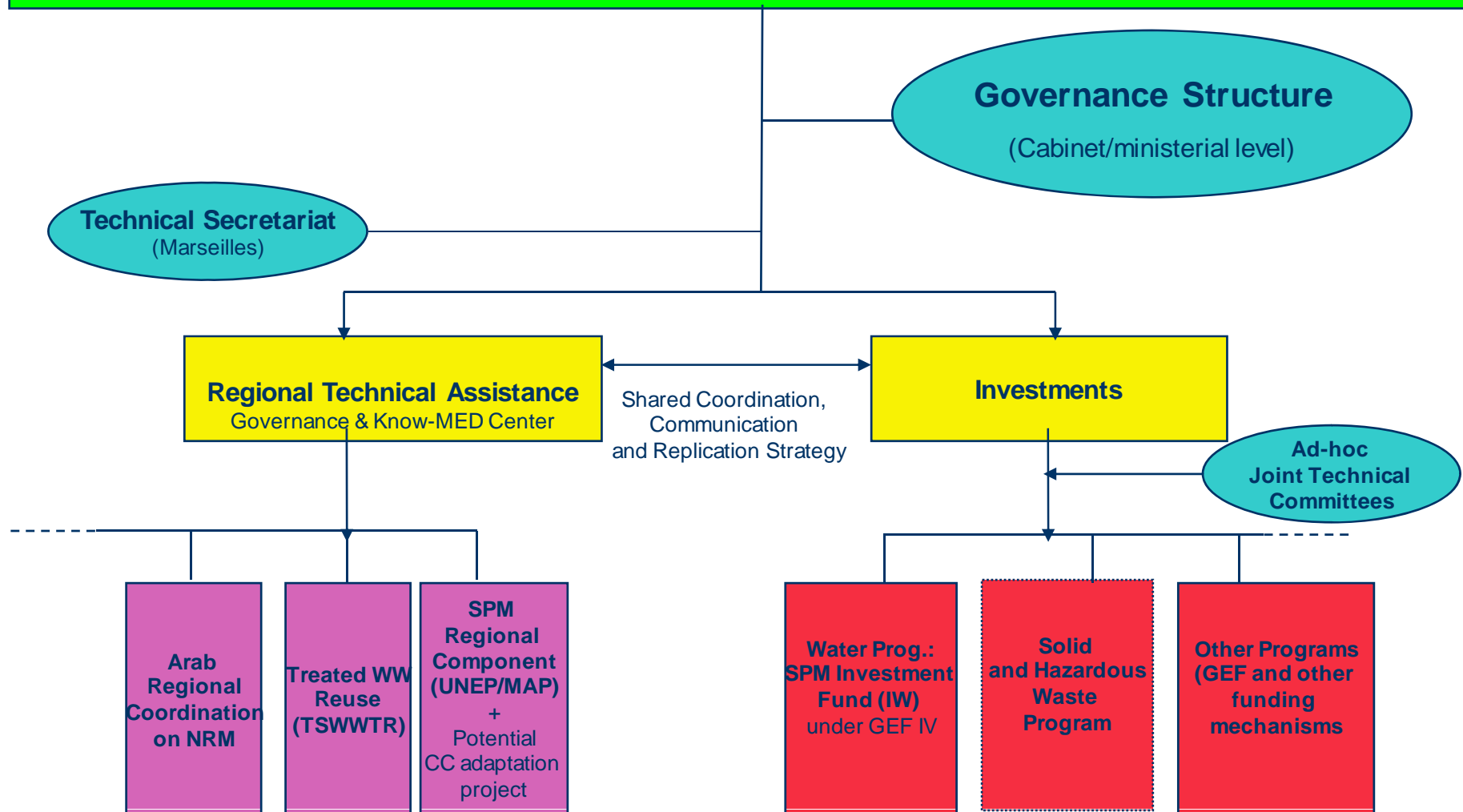
Areas of Intervention

- Sustainable Management of scarce resources and biodiversity, and in particular of vulnerable ecosystems, treated wastewater re-use, land degradation, integrated coastal zone management, protection of marine resources
- De-pollution – corrective and preventative measures - water treatment, solid waste, industrial pollution, sea transportation, maritime safety
- Climate Change - adapting and strengthening resilience to reduced surface and groundwater reserves, and increased occurrence of droughts and floods (weather-related disaster management), carbon finance.

PREPARATION & IMPLEMENTATION

- Program to start small and grow incrementally
- Periodic reviews and evaluations
- Designed and implemented in full collaboration with interested parties and financing & implementing partners
- Mutual interest by the World Bank and the Global Environment Facility (GEF): Approval by the June 2009 GEF Council of the Sustainable MED Program Framework Document and 5 PIFs
- Full ownership of beneficiary countries
- Funding from GEF to cover incremental costs of the global environmental benefits of activities aligned with the strategic priorities of the GEF: especially International Waters and Climate Change areas

The Environmental Mediterranean Sustainable Development Program “SUSTAINABLE MED”



SPM: Strategic Partnership for the Mediterranean Large Marine Ecosystem

TSWWTR: Technical support, planning and capacity for wastewater treatment and recycling technology

Phase 1 Projects under the SUSTAINABLE MED Program Framework (Amounts are in US\$)

<u>Project Title</u>	<u>GEF Amount (\$)</u>	<u>Agency Fee (\$)</u> IW	<u>Total (\$)</u> <u>(IW Total)</u>	<u>Minimum Co-</u> <u>financing</u>
	IW Project			
1. Tunisia: Water Reuse, Optimization and Implementation Program	8,000,000	800,000	8,800,000	547,000,000
2. Egypt: Improvement of Water Resources Management	6,750,000	675,000	7,425,000	34,300,000
3. Syria: Coastal and Orontes River Basins Water Resources Management	3,060,000	306,000	3,366,000	4,950,000
4. Regional: Regional Coordination on Improved Water Resources Management and Capacity Building (TA)	5,644,545	564,455	6,209,000	82,000,000
5. Regional: Sustainable MED Governance and Know-MED Center	3,000,000	300,000	3,300,000	6,600,000
<u>June 2009 Work Program, sub-total</u>	26,454,545	2,645,455	29,100,000	674,850,000

Phase 1 Projects under the SUSTAINABLE MED Program Framework (Amounts are in US\$)

	<u>GEF Amount (\$)</u> IW Project	<u>Agency Fee</u> (\$) IW	<u>Total (\$)</u> (IW Total)	Co-Financing
6. Regional: Technical Support, Planning and Capacity for Waste Water Treatment and Recycling Technology (Jordan, Morocco and Tunisia)	4,545,455	454,545	5,000,000	7,300,000
7. Regional: Capacity building to enhance the monitoring of sustainable development in the Mediterranean and implementation of actions (UNEP)	2,454,545	245,455	2,700,000	3,000,000
8. Libya: Integrated Coastal Zone Management for Conservation and Economic Development	5,000,000	500,000	5,500,000	20,000,000
9. Morocco: Integrated Coastal Zone Management for Lake Nador	5,181,818	518,182	5,700,000	20,000,000
10. Lebanon: Greater Beirut Water Supply Improvement	1,818,182	181,818	2,000,000	12,000,000
<u>By November 2009 CM, sub-total</u>	19,000,000	1,900,000	20,900,000	62,300,000
<u>GRAND TOTAL</u>	45,454,545	4,545,455	50,000,000	737,150,000

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