



**Sustainable Water
Integrated Management (SWIM) -
Support Mechanism**



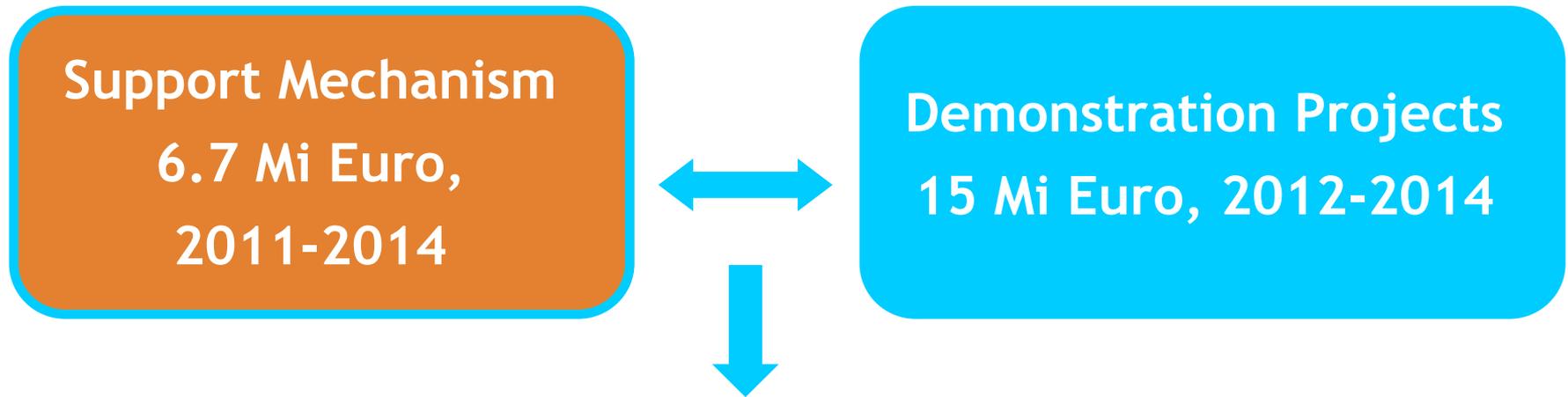
Project funded by
the European Union

Water is too precious to waste

**The EU funded SWIM and its contribution
to financing water infrastructure in the South
Mediterranean**

5th Beirut Water Week, May 22-23, 2014
Presented by: Charbel Rizk Environment Expert SWIM-SM

The EC-Funded Sustainable Water Integrated Management (SWIM) Project



Overall objective:

To promote actively the extensive dissemination of sustainable water management policies and practices in the region given the context of increasing water scarcity, combined pressure on water resources from a wide range of users and desertification processes, in connection with climate change.

The Approach

SWIM-SM Design

- Demand-driven
- Iterative, adaptable and flexible
- To anticipate development in the international arena
(nexus planning)
- To respond to emerging /challenges and priorities:
political

Inception Phase

The Four Pillars

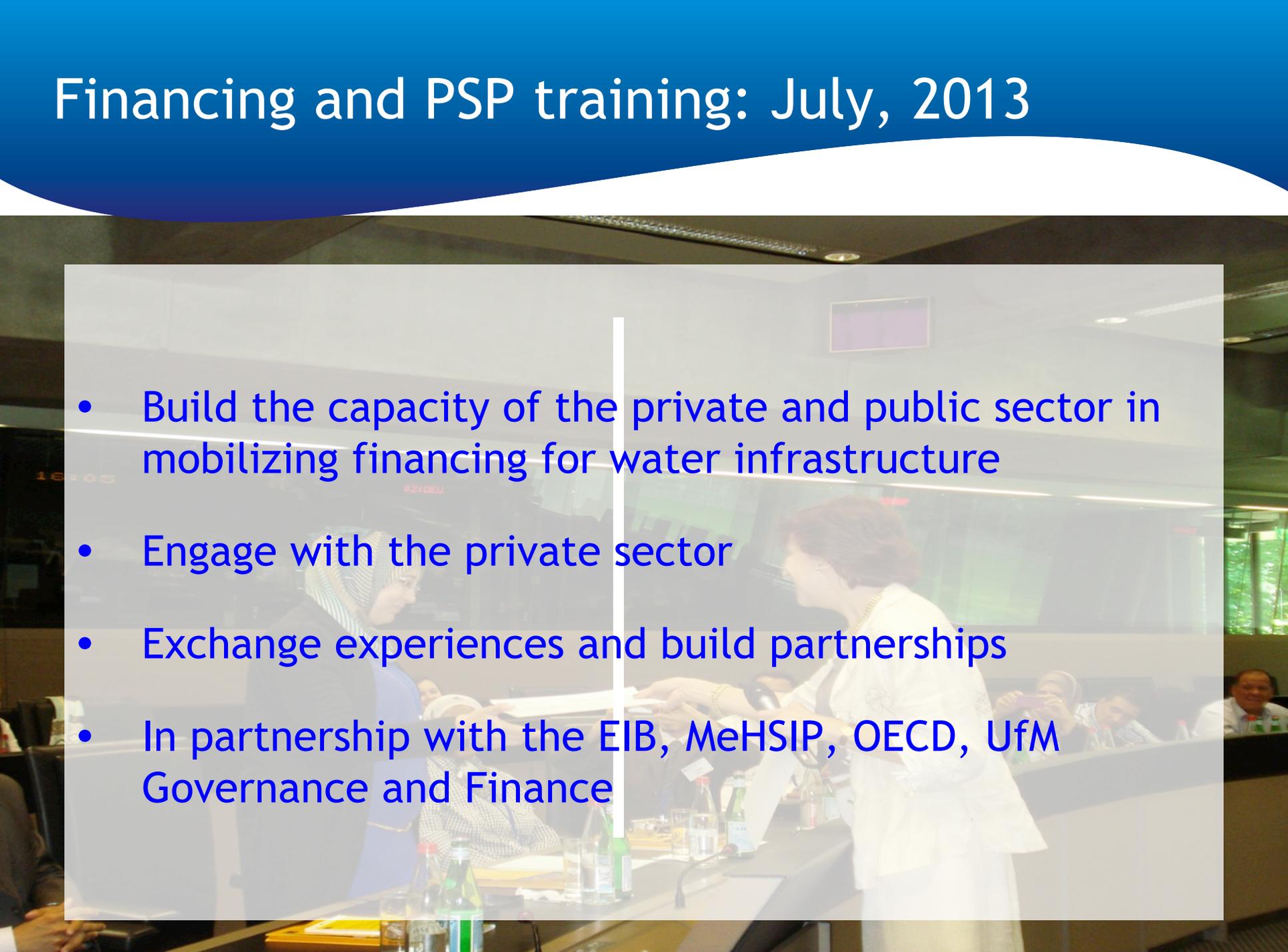
1. **Non Conventional Water Resources**
2. **Economic Valuation of Water Resources and Financing**
3. **No Regret Actions for the Adaptation of the Water Sector to Climate Change**
4. **Water Governance at the Local Level: Sharing Experiences from Water Users' Associations**

Financing and PSP

- Driven by demand from the countries
- Priority in the Draft Strategy for Water in the Mediterranean
- Identified as a need by the MeHSIP project and other projects in the region



Financing and PSP training: July, 2013

- Build the capacity of the private and public sector in mobilizing financing for water infrastructure
 - Engage with the private sector
 - Exchange experiences and build partnerships
 - In partnership with the EIB, MeHSIP, OECD, UfM Governance and Finance
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- A photograph of a woman in a white suit standing at a conference table, presenting to a group of people. The table is set with water bottles, glasses, and papers. Other participants are visible in the background, some taking photos. The scene is set in a modern conference room with large windows and a screen on the wall.

Study Tour to Well Managed and Operated WWTPs. September 2013



Study Tour to Well Managed and Operated WWTPs. September 2013



Spanish Model: privately operated in tri-partite mode for checks and balances. 15 euro/m³ cost

300 mm rainfall and 750 m³/cap exports 30% of Spanish agriculture

Study Tour to Well Managed and Operated WWTPs. September 2013

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- DEFLUENT**
WATER
- ## Water Management in the Netherlands
- Drinking water companies (10): supply of clean and reliable drinking water
 - Municipalities (408): sewage system
 - Water Boards (25): regional water control and waste water treatment
 - Provinces (12): supervision of ground water
 - Central Government, Rijkswaterstaat: supervision of larger surface waters (sea – rivers)

Dutch model: 17% reduction in cost by private operator compared to operation by government

Study on the Role of the Local Private Sector in Financing Water Infrastructure

Developing a better understanding of the potential of private sector participation (PSP) in Water Services Delivery at the Local Level (i.e. municipal, governorate, provincial or district, rural areas) with special focus on sustainability.



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**STRENGTHEN IMPLEMENTATION CAPACITY OF NATIONAL
WATER PLANS AT THE LOCAL LEVEL WITH EMPHASIS ON
FINANCIAL SUSTAINABILITY**

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March 2013

Version	Document Title	Author	Review and Clearance
V3	STRENGTHEN IMPLEMENTATION CAPACITY OF NATIONAL WATER PLANS AT LOCAL LEVEL WITH EMPHASIS ON FINANCIAL SUSTAINABILITY	Ayman Rabi	Suzan Faha, Hosny Khordagui, Vangelis Constantianos



.....Water is too precious to Waste!

Study on the Role of the Local Private Sector in Financing Water Infrastructure

- Necessary steps
- Improving the enabling environment
 - Legislative
 - Institutional
 - Capacity
- Financial sustainability

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Solutions for Financing Water Infrastructure

As Samra WWTP

Solution on financing wastewater treatment through the blending of government financing, donor funding and local private sector participation



Training on Risk and Insurance in PPP for Water Infrastructure: Planned

- Develop the capacity of the public and private in risk and insurance in PPPs
- Engage the private insurance sector
- Further identify training needs



Regional Conference in Partnership with the UfM Governance and Finance Project: Planned

- **Stronger engagement of all the stakeholders for financing water infrastructure**
- **Potential creation of a platform for regional dialogue**

خالص شكري
وامتثاني

Thank you
for your attention

Merci pour
votre attention



For additional information please contact:

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