

Horizon 2020

De-polluting the Mediterranean Sea by 2020



ENPI Horizon 2020 Capacity Building/ Mediterranean Environment Programme (H2020 CB/MEP)

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*SUB-REGIONAL WORKSHOP ON THE INTERLINKAGES
BETWEEN IWRM AND ICZM*

*JOINT TRAINING BETWEEN SWIM-SM AND H2020 CB/MEP
ALGIERS 30 OCTOBER- 1 NOVEMBER 2012*



Horizon 2020 Background

Barcelona Declaration 1995



10th Anniversary of the Barcelona Process in 2005
Announcement of “**Horizon 2020 Initiative**”



Endorsed in Cairo in 2006
Under the **Union for the Mediterranean** in 2008

Horizon 2020 Background

Top sources of Mediterranean pollution :

- municipal waste
- urban waste water
- industrial emissions

responsible for up to **80%** of pollution
in the Mediterranean Sea



Horizon 2020 Background

Horizon 2020, which is part of the Euro Mediterranean Partnership (EU) Barcelona Process, known also now as UfM, would build on existing institutions and results, filling gaps where it could bring added value. It operates within the framework of existing and developing policy instruments. This process supports the implementation of the commitments undertaken in the framework of the *Barcelona Convention (UN)*:

- **MAP's Strategic Action Programme (SAP) to address pollution from land-based activities (SAP MED)**

- **the Mediterranean Strategy for Sustainable Development (MSSD), launched by the Mediterranean Commission for Sustainable Development (MCSD) established under the United Nations Environment Programme Mediterranean Action Plan (UNEP/MAP)**

Horizon 2020 Background

Major other processes and developments:

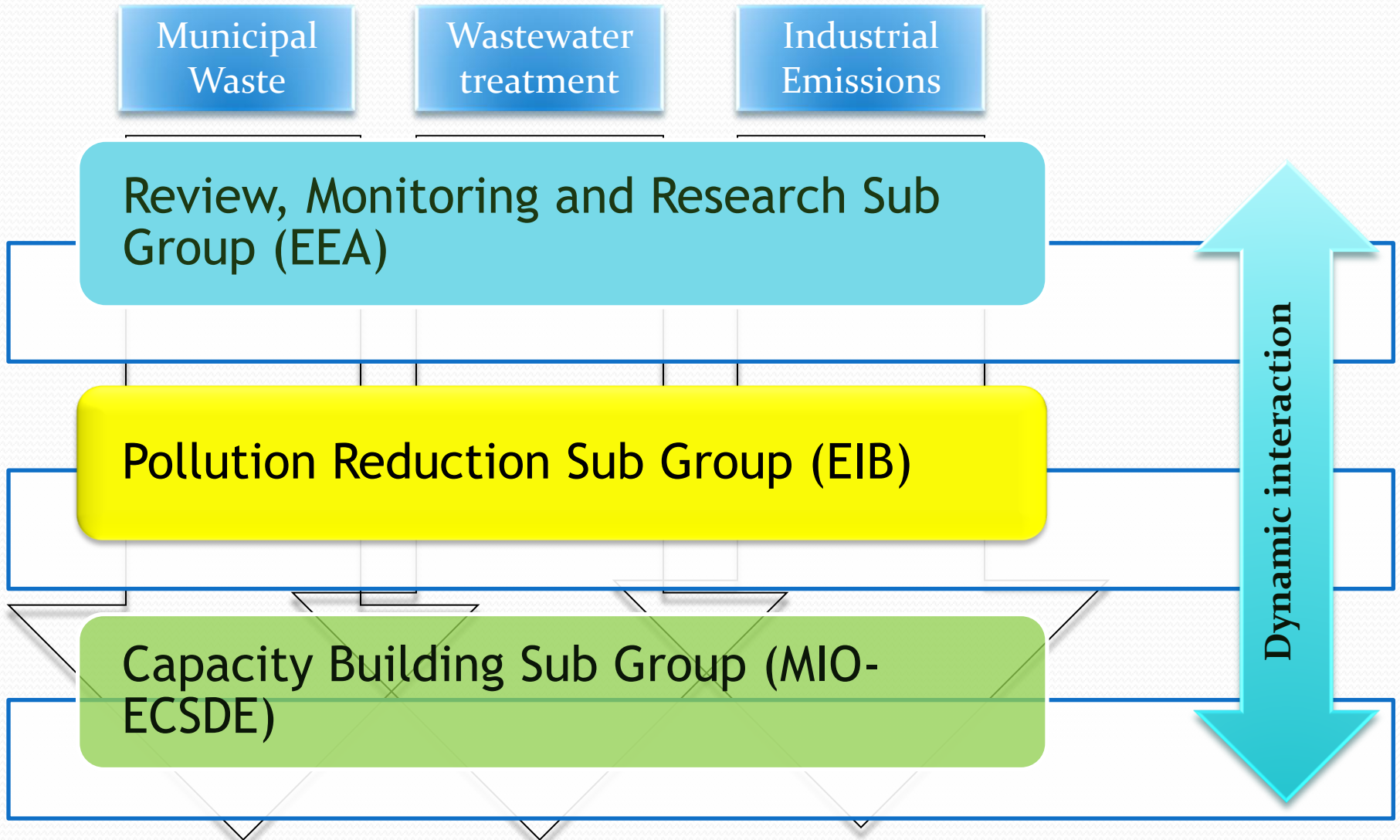
- ✓ Regional ENPI programmes
- ✓ Bilateral instruments of the European Neighbourhood Policy (ENP): ENP Action Plans, ENPI national assistance programmes
- ✓ Marine Strategy Framework Directive (MSFD)
- ✓ Etc.

Various bilateral assistance programmes of other donors

GEF Strategic Partnership, WB “Sustainable Mediterranean” etc.

.....while moving from the EuroMed Partnership to the Union for the Mediterranean

Horizon 2020 Sub Groups and their chairs



H2020 Components and corresponding projects

Pollution Reduction

Capacity Building

Review, Monitoring and Research



Mediterranean Hot Spot Investment Programme – Project Preparation and Implementation Facility (MeHSIP - PPIF)

Elaboration of a Hot Spot inventory for the W. Balkans and Turkey as complementary to the MeHSIP (WeB&T HSIS)

H2020 Capacity Building/Mediterranean Environment Programme (H2020 CB/MEP)

Shared Environmental Information System (ENPI SEIS)

MeHSIP-PPIF Approach: Challenges, Tools and Outputs

Mediterranean Hot Spots Investment Programme – Project Preparation and Implementation Facility (MeHSIP-PPIF) - at a glance:

- Under Component 1 of Horizon 2020: Investments for Pollution Reduction / chaired by EIB (funded through FEMIP)
- Programme started in March 2009 and is expected to be completed in Spring 2013
- Geographic coverage - Mediterranean partner countries:
 - Algeria, Egypt, Israel, Jordan, Lebanon, Libya, Morocco, Occupied Palestine Territory, Syria, and Tunisia
- Key Component of MeHSIP-PPIF:
 - Management of Hotspots & Project Pipeline

Horizon 2020 Pipeline – Investment Opportunities & MeHSIP-PPIF Projects

Horizon 2020 Pipeline:

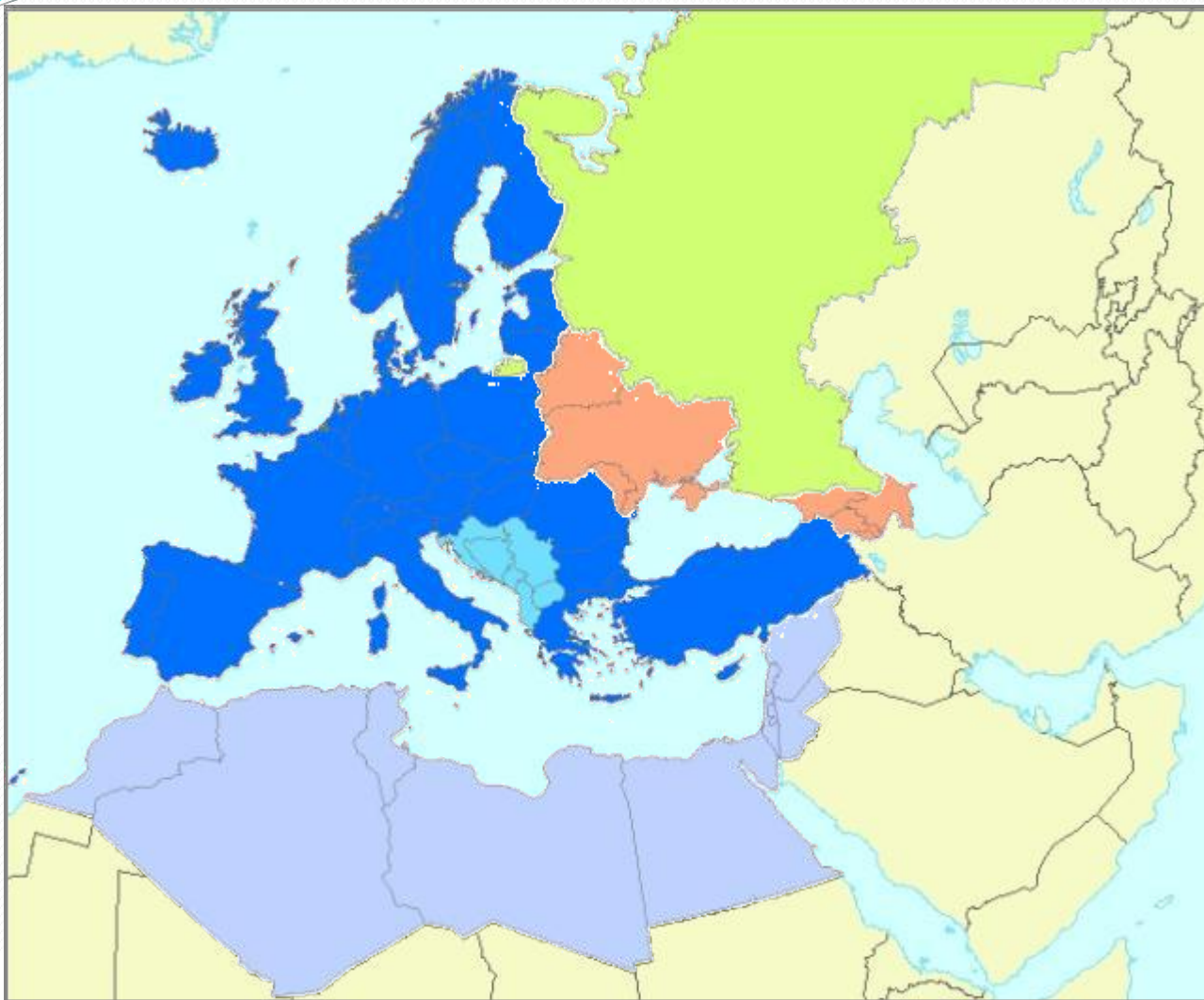
- currently 85 projects (planned, ongoing or completed) mostly originating from NAPs
- currently 37 projects (€3.20bn) yet to secure funding/financing

MeHSIP-PPIF Projects

1	2	3	4	5	6	7	8	9
Project part of H2020 Pipeline	Project Fact Sheet prepared	Pre-feasibility study prepared	Inception &/or Diagnostic	Valuation Of Options	ESIA Prepared	Loan Agreement signed	Loan Agreement signed	Tendering Process
			Feasibility Study					

Country	Project	Preparation Score Card (1 to 9)						
EGYPT	Hazardous Waste	1	2	3				
	Wastewater Expansion for Kafr El Sheikh Governorate / Integrated De-pollution Programme of	1	2	3				
	Water and Wastewater Expansion for and Markaz	1	2	3				
ISRAEL	Netanya Landfill and Reclamation	1	2					
JORDAN	Integrated Solid Waste Management in Ekaider	1	2	3				
LEBANON	Extension of Al-Ghadir Wastewater Treatment Plant	1	2	3	4	5		
MOROCCO	Integrated Solid Waste Management in Tangier	1	2	3				
TUNISIA	Integrated Depollution Project in Bizerte Lake	1	2	3	4			

TOWARDS A SHARED ENVIRONMENTAL INFORMATION SYSTEM (SEIS) IN THE EUROPEAN NEIGHBOURHOOD



EEA works with

-  EEA member countries
-  EEA cooperating countries

European Neighbourhood Policy

-  ENP South
-  ENP East
-  Strategic Partnership

- **EEA 32**
- **Monaco**
- **Albania, Bosnia & Herzegovina, Croatia, FYR of Macedonia, Kosovo, Montenegro, Serbia**
- **Algeria, Egypt, Israel, Jordan, Lebanon, Libya, Morocco, Palestinian Authority, Syria, Tunisia**
- **Armenia, Azerbaijan, Belarus, Georgia, Moldova, Ukraine**
- **Russian Federation**

- From 2010 to 2014 (with 6 months inception phase)
- Budget 5.7 Millions Euro

ENPI Horizon 2020 Capacity Building/Mediterranean Environment Programme (H2020 CB/MEP)

Purpose:

To support the implementation of the H2020 Initiative Road Map and Work Plan to de-pollute the Mediterranean by the year 2020, through capacity building and awareness raising activities, and to promote integration of environment issues in other sector policies.

Partner countries:

Albania, Algeria, Bosnia Herzegovina, Croatia, Egypt, Israel, Jordan, Lebanon, Montenegro, Morocco, occupied Palestinian territory, Syria, Tunisia, Turkey.

Budget: 5.2 million EUR



The Consortium

- National and Kapodistrian University of Athens (*NKUA*)
- Mediterranean Action Plan of the United Nations Environment Programme and its Regional Activity Centres and Programmes (*UNEP/MAP and its RACs*) - CP/RAC
- National Waste Management Agency (*ANGed*)/ Regional Solid Waste Exchange of Information and Expertise Network in Mashreq and Maghreb Countries (*SWEEPNet*)
- Umweltbundesamt GmbH - Austrian Environment Agency (*AEA*)
- Lebanese Ministry of Energy and Water - the General Directorate of Hydraulic and Electrical Resources (*LMoEW*)
- Hellenic Ministry for Environment, Physical Planning and Public Works (*HMoEPPPW*) now Ministry for Environment, Energy and Climate Change
- UNESCO-IHE Institute for Water Education (*UNESCO-IHE*)
- The Mediterranean Information Office for Environment, Culture and Sustainable Development (*MIO-ECSDE*)
- The Arab Network for Environment and Development (*RAED*)
- WWF Mediterranean Programme Office (*WWF MedPO*)
- The Association of Cities and Regions for Recycling and Sustainable Resource Management (*ACR+*)
- Arab Countries Water Utilities Association (*ACWUA*)

The political justification for activities under H2020 CB/MEP

To support the implementation of H2020 with a special focus on environmental mainstreaming, by addressing the following problems:

- low political priority given to the environment;
- insufficient integration of environment in the different sector policies (agriculture, tourism, transport or energy, water, industry, development etc) and lack of inclusion of the different actors from local to international level;
- Insufficient capacities and resources at institutional and civil society level.

Horizon 2020

Elaboration of a Hot Spot inventory for the West Balkans and Turkey as complementary to the MeHSIP

- i. to identify and prioritize the projects addressing most regionally polluting industrial and/or municipal point sources of pollution per country and appearing to offer the best possibility of being bankable based on the hot-spot identification work of UNEP MAP and the country priorities identified in the NAPs and the Preaccession to the EU process
- ii. to assess the need for coordination on current and future technical assistance support.

The selected projects must furthermore contribute to supporting compliance with the EU *acquis*.

➤ **Regional trainings:** **nineteen** trainings on the three thematic pillars of H2020; environmental integration tools; cross-cutting and horizontal issues.

➤ **Sub-regional trainings:** **twenty four** trainings on the three thematic pillars of H2020; environmental integration tools; cross-cutting and horizontal issues.

➤ **National trainings of regional relevance:** **thirty two** trainings in the beneficiary countries over the duration of the 1st Phase of the project.

➤ **Study visits:** **nine** study visits took place over the three years of the project implementation period.

➤ **Total: 84 ACTIVITIES**



Next phase (2013-2014): numbers, popular themes & methodologies

Foreseen in New Phase: 8 Regional
10 Sub-regional
20 National & 6 study visits

Themes

- green economy
- stakeholder involvement, education for sustainable development, awareness
- ICZM and ecosystem approach
-

Method

- communication materials for post training phase in-country
- hands on experiences/best practices
- language and duration

Each country's list of priorities will be re-visited with the involvement of the FP, EC, consortium members/experts, etc. in a transparent manner

NEW WORK PROGRAMME IN NOV-DEC 2012

Challenges ahead

- Political uncertainty
- Situation in Syria
- Inclusion of Libya
- Environmental Integration
- Parallel progress of H2020 components and projects
- Confusion with DG Research and Innovation's 'Horizon 2020' programme !!!!!
- Visas



Horizon2020



This project is funded by the European Commission through DG EuropeAid.

The H2020 Initiative | Pollution Reduction Investments | Capacity Building | Review, Monitoring & Research | News & Events | Resources

Latest Headlines < Preparation of investment projects >

The H2020 Initiative

The "Horizon 2020 Initiative" aims to de-pollute the Mediterranean by the year 2020 by tackling the sources of pollution that account for around 80% of the overall pollution of the Mediterranean Sea: municipal waste, urban waste water and industrial pollution.



To implement and monitor actions three working groups were created to address:

- Investments for Pollution Reduction (PR);
- Capacity Building (CB) for achieving H2020 objectives;
- Review, Monitoring and Research (RMR).

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Calendar of Events

May 2011

M	T	W	T	F	S	S
25	26	27	28	29	30	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31	1	2	3	4	5

[View full calendar](#)

Upcoming events

Lebanese study visit on ISWM with focus on integrated systems including WtE & anaerobic digestion
23 May 2011 - 25 May 2011

Influencing Sustainable Consumption and Production patterns in the Mediterranean Region
01 Jun 2011 - 03 Jun 2011

Effective marketing for sludge exploitation
05 Jul 2011 - 07 Jul 2011



THANK YOU!

www.h2020.net

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