



Horizon 2020 Capacity Building/Mediterranean Environment Programme
“Management of waste from electronic and electrical equipment (WEEE)”

20 – 22 June, Belgium 2011

Introduction - The Horizon 2020 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 wastewater and industrial pollution.

Horizon 2020 was endorsed during the Environment Ministerial Conference held in Cairo in November 2006 and is one of the key initiatives run under the Union for the Mediterranean (UfM). The H2020 2007-2013 Road-Map focuses on the following four pillars:

- Identification of projects to reduce the most significant sources of pollution.
- Identification of capacity-building measures to help neighbouring countries create national environmental administrations that are able to develop and police environmental laws.
- Use of the EC’s research budget to develop greater knowledge of environmental issues relevant to the Mediterranean and ensure this is shared.
- Develop indicators to monitor the success of Horizon 2020.

H2020 is made up of the following components: monitoring, reporting and research (RMR); investment; and capacity building. Under each component, a project is currently being run. H2020 Capacity Building/Mediterranean Environment Programme (H2020 CB/MEP) is the project aiming at enhancing the capacities to address pollution problems at institutional and society level. In addition, through the H2020 MEP, a Hot Spot Investment Programme (HSIP) for the West Balkans and Turkey - as complementary to the Mediterranean HSIP (MeHSIP) – is being elaborated. The other two projects currently being carried out under the investment and RMR H2020 components are respectively the MeHSIP and the Mediterranean Shared Environmental Information System (Med SEIS).

The framework - Horizon 2020 Capacity Building/Mediterranean Environment Programme

Obviously pollution is expected to be substantially reduced through the installation and proper functioning of major infrastructures (e.g. sewage treatment plants), installing pollution reduction technologies in industries, etc. However, this won’t work if institutional and individual capacities are not in place. This is what the H2020 CB/MEP aims to enhance by operating within the existing and developing policy instruments, and supporting the implementation of the commitments undertaken in the framework of the ENP as well as other regional agreements e.g. of the Barcelona Convention, while cooperating, coordinating and synergising with all relevant (EU and other) programmes.

Aims and objectives

The main objective of this project is to support the implementation of Horizon 2020 with a special focus on environmental mainstreaming. It aims to address the following problems:

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



More specifically, the purpose is to support the implementation of the Horizon 2020 Initiative Road Map and Work Plan through capacity building and awareness raising activities, and to promote integration of environment issues in other sectors policies.

Partners

This project is funded by the European Union and implemented by the National and Kapodistrian University of Athens (NKUA) in consortium with: Mediterranean Action Plan of the United Nations Environment Programme and its Regional Activity Centres and Programmes (UNEP/MAP and its RACs), 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, Energy and Climate Change, UNESCO-IHE Institute for Water Education (UNESCO-IHE), Mediterranean Information Office for Environment, Culture and Sustainable Development (MIO-ECSDE), Arab Network for Environment and Development (RAED), WWF Mediterranean Programme Office (WWF MedPO), Association of Cities and Regions for Recycling and Sustainable Resource Management (ACR+), Arab Countries Water Utilities Association (ACWUA).

Partner Countries

The Partner countries are: Albania, Algeria, Bosnia- Herzegovina, Croatia, Egypt, Israel, Jordan, Lebanon, Montenegro, Morocco, occupied Palestinian territory, Tunisia, Turkey, Syria.

Course Description – Management of waste from electronic and electrical equipment (WEEE)

Introduction to the training course

The training course/ study visit is organized within the framework of the Horizon 2020 CB/MEP project and in response to the capacity building needs identified earlier in the project. The course is organized by the Association of Cities and Regions for Recycling and Sustainable Resource Management (ACR+) with the support from VVSG and Waste.nl. Its duration is 2.5 days; the language of the course is English.

Twelve to sixteen (12-16) participants will attend from Algeria, Albania, Egypt and Montenegro.

Target group

The capacity building activity is targeted to: Country officials (Ministries, Agencies, Regional & Local authorities), and others that are involved, or will be in the future, in finding solutions for the management of WEEE in their country, region or local authority. It is suggested to have a mixture of national and local authorities representatives per country. The background level of the trainees is expected to be of an intermediate/ high level.

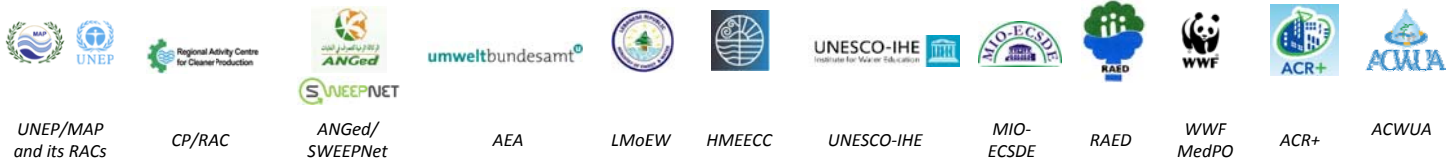
Learning objectives

The main objective of the course is to increase the trainees’ understanding of the complex and multidimensional problems of WEEE and develop their skills to allow them for appropriate decision making regarding WEEE management options.

Methodology and Structure

The workshop is intended to be participatory and interactive, making use of professional learning tools such as

- Pre- and post course assignment
- Lectures
- Group- and plenary discussions





- Site visit(s)
- Video display
- Case study (exercises)

Learning outcomes of the training course

After the training course the trainees will be able to:

- Understand the current status of the WEEE problem in the Mediterranean/ Balkan and European context
- Understand the complex and multi-dimensional problem of WEEE management
- Appraise the key issues (technical, environmental, economic, safety, health, cultural and social) related to WEEE management
- Appraise the environmental, social and economic benefits of improved WEEE management
- Explain the reasoning behind the choices made for a specific WEEE management system based on ISWM
- Create a set of criteria to consider when designing a WEEE management programme based on ISWM
- Develop a preliminary draft WEEE management plan per (group of) trainee(s) to share with his/her unit/ administration, ...

A preliminary overview of the course is given below:

- The ISWM framework (and relationship with the topic of WEEE)
- WEEE in context
- The Mediterranean & Balkan context
- European WEEE legislation
- Scale of the problem
 - Types (characterization) of WEEE
 - Recording of WEEE
 - Sources of WEEE
- Elements on the environmental effects and socio-economic loss of WEEE
 - Impacts on biodiversity
 - Secondary pollution from marine litter
 - Socio-economic impacts
- WEEE monitoring programs
- Improved WEEE management practices based on ISWM linked with the following bullet
- Improved (municipal) waste management (based on ISWM) practices affecting the WEEE problem
- Develop a sustainable WEEE management action plan including:
 - Legal and institutional recommendations
 - Economic proposals
 - Controlling instruments for waste management
 - Monitoring and information system on coastal waste
- Information, communication and sensitization as tools for improved participation and buy-in from different stakeholders



UNEP/Map
and its RACs



CP/RAC



ANGed/
SWEEPNet



AEA



LMoEW



HMECC



UNESCO-IHE



MIO-
ECSDE



RAED



WWF
MedPO



ACR+



ACWUA



Detailed study visit program

Arrival of the trainees at Brussels airport on Sunday 19 June.

	Topic	Description	Length	Trainer/ facilitator	Location	Method
Day 1: Monday 20 June 2011						
8h30 – 9h30	Travelling	From Brussels to Lokeren (IDM)	1 hours		Lokeren (IDM)	
9h30 – 10h30	Official opening and introduction	<ul style="list-style-type: none"> Welcome addresses & opening words Introduction of course program Introduction of speakers and participants Rules of the road/training/ study visit culture, etc Introduction to ISWM with focus on WEEE 	1 hour	JJ Dohogne	Conference room IDM (Lokeren)	Opening words and round of introductory statements
10h30-11h00	Coffee break					
11h00-12h30	Flanders	<ul style="list-style-type: none"> Waste management planning in Flanders (the context) Municipalities involvement and commitments with focus on WEEE Extended producer responsibility (WEEE) 	1 ½ hour	Christof Delatter	Conference room IDM (Lokeren)	Interactive presentation
12h30-13h00	Catalan (Spain)	<ul style="list-style-type: none"> E-waste in the Catalan region (Spain) 	½ hour	Belen Gallego Peire (ARC-CAT)	Conference room IDM (Lokeren)	Interactive presentation
13h00-14h00	Lunch Break		1 hour			
14h00-17h00	Site visit	<ul style="list-style-type: none"> Containerpark Re-use center Repair center 	3 hours	Christof Delatter & IDM representative	IDM (Lokeren)	Interactive study visit followed by plenary discussion and recap
17h00 – 18h00	Travelling	From Lokeren to Brussels	1 hour		Overnight at hotel Cascade Louise - Brussels	





Day 2: Tuesday 21 June 2011

9h00 – 9h30	Introduction	<ul style="list-style-type: none"> Recap of day 1 and introduction to day 2 	½ hour	Christof Delatter & JJ Dohogne	Brussels – Hotel Cascade Louise – Horta room	Feedback session
9h30-10h00	WEEE recycling	<ul style="list-style-type: none"> Economics of WEEE recycling 	½ hour	Umicore - Thierry van Kerckhoven,		Interactive presentation
10h00-10h30	Legal aspects	<ul style="list-style-type: none"> Conventions affecting WEEE management 	½ hour	Virginia Vidal Touza (CP/RAC)		Interactive presentation
10h30-11h00	Coffee break					
11h30-12h00	Legal aspects	<ul style="list-style-type: none"> European WEEE legislation 	½ hour	Thorsten Brunzema (EC)		Interactive presentation
12h00-12h30	Technical aspects	<ul style="list-style-type: none"> Recupel 	½ hour	Katrien Verfaillie		Interactive presentation
12h30-13h30	Lunch Break		1 hour			
13h30-14h30	Travelling	From Brussels to Willebroek	1 hour			
14h30–16h30	Site visit	Recycler APAREC	2 hours		Willebroek	Interactive study visit followed by plenary discussion and recap
16h30– 17h30	Travelling	From Willebroek to Brussels	1 hour		Overnight at hotel Cascade Louise - Brussels	

Day 3: Wednesday 22 June 2011

9h00 – 10h00		<ul style="list-style-type: none"> Recap and question and answer session 	1 hour	Christof Delatter & JJ Dohogne	Brussels – Hotel Cascade Louise – Horta room	
10h00-11h00	Strategic planning	<ul style="list-style-type: none"> Definition of Criteria when Strategically Planning for WEEE Management 	1 hour	Christof Delatter & JJ Dohogne		Structured planning session in small groups
11h00-11h30	Coffee break					
11h30-12h30	Strategic planning	<ul style="list-style-type: none"> Development of preliminary/draft version of WEEE Plans 	1 hour	Christof Delatter & JJ Dohogne		Structured planning session in small groups
12h30-13h30	Lunch break		1 hour			
13h30 – 14h30	Closing	<ul style="list-style-type: none"> Closing Remarks Evaluation of Training Certificate Awards 	1 hour	JJ Dohogne	Overnight at hotel Cascade Louise - Brussels	

Departure of the trainees from Brussels airport on Thursday 23 June.