



Horizon 2020 Capacity Building/Mediterranean Environment Programme

Regional activity

“Influencing Sustainable Consumption and Production patterns in the Mediterranean Region through Education for Sustainable Development”

Budva, Montenegro, 1-3 June 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).

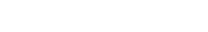
The framework - Horizon 2020 Capacity Building/Mediterranean Environment Programme

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, Syria, Tunisia, Turkey.

Course Description – Influencing Sustainable Consumption and Production patterns in the Mediterranean Region

Introduction to the training course

This two and a half-day seminar was organised in the framework of the H2020 CB/MEP program in conjunction with the 14th Meeting of the Mediterranean Commission for Sustainable Development (MCSD) also taking place in Budva (30 May – 1 June 2011) jointly by the Regional Activity Centre for Cleaner Production of the Mediterranean Action Plan (UNEP/MAP CP/RAC), the Mediterranean Information Office for Environment, Culture and Sustainable Development (MIO-ECSDE) and the National and Kapodistrian University of Athens (NKUA), with the support of the Government of Montenegro. It will take place in Budva, Montenegro on 1, 2 and 3 June 2011.

The working languages were English and French.

Target group

The activity was specifically designed for:

- Policy decision-makers and representatives from Ministries of Education and Environment
- Academia and civil society representatives

This capacity building activity was directed to 32 people from the following countries: Albania, Algeria, Bosnia-Herzegovina, Croatia, Jordan, Israel, Lebanon, Montenegro, Morocco, occupied Palestinian territory, Syria, Tunisia, and Turkey.

Learning objectives

Education is considered a prerequisite for sustainable development and an essential tool for good governance, informed decision-making and the promotion of democracy and environmental concerns into other sectors. In particular, Education for Sustainable Development (ESD) develops and strengthens the capacity of individuals, communities, organizations and countries to make judgments and choices in favour of sustainable development. It can promote a shift in people’s mindsets and in so doing enable them to make our world safer, healthier and more prosperous, thereby improving the quality of life.



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ESD development can provide critical reflection and greater awareness and empowerment so that new visions and concepts relating to consumption and production can be explored. In this framework the contents of the training are structured on the basis of ESD and Education for Sustainable Consumption (ESC) as a prerequisite to achieve Sustainable Consumption and Production (SCP) in the Mediterranean region. It is within this prism that a Mediterranean Strategy for Education for Sustainable Development on the basis of the UNECE Strategy for Education for Sustainable Development and linked to the United Nations Decade for Education for Sustainable Development (UN DESD) is being considered. Moreover, at regional level, the Mediterranean Strategy for Sustainable Development (MSSD) also focuses on the development of long term SCP patterns and sustainable societies.

European and Mediterranean experiences on how concepts of sustainable development, ESD and SCP are being applied ("Europe 2020" Strategy, Marrakesh Process, etc.) will be highlighted.

Methodology and Structure

The two and a half-day course was delivered combining presentations, case studies and exercises. Each day concluded with round table discussions summarising the principles, lessons learned, possible next steps presented and discussed during the day.

Learning outcomes of the training course

Participants had an understanding of:

- What ESD, SCP and ESC are;
- Relevant global and regional initiatives;
- How the above are directly linked to the effective implementation of the Horizon 2020 objective of depolluting the Mediterranean Sea by 2020;
- How ESD, SCP and ESC have been applied in specific countries;
- How ESD, SCP and ESC can be applied in the partner countries;

A preliminary overview of the course is given below:

The main pillars or issues covered during the sessions of the training were:

- Consumption and production trends in the Mediterranean
- Processes promoting SCP in the region ("Europe 2020", MCSD - MSSD, Marrakesh Process, etc.)
- The principles and evolution of ESD, from the 60s to our times, and the current UN Decade of ESD (2005-2014)
- The UNECE Strategy for ESD jointly adopted by Ministries of Environment and Education in the high level meeting of Vilnius in 2005. The Strategy aims to encourage States to develop and incorporate ESD into their formal, non-formal and informal education and entails also monitoring tools and mechanisms for the implementation of DESD in the States (i.e. indicators, etc).
- Recommendations and Guidelines aimed at policy-makers and educators on how to best integrate and implement SCP and ESC in the formal education sector
- Applied examples and lessons learned from the integration of ESD in formal and non formal curricula of UNECE member states and other Mediterranean countries.
- Applied examples and initiatives of Education for Sustainable Consumption (ESC), such as the global youthXchange campaign.
- etc.



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Draft Course Overview
Influencing Sustainable Consumption and Production patterns in the Mediterranean Region through Education for Sustainable Development”
Budva, Montenegro, 1-3 June 2011
Hotel Splendid, Budva, Montenegro

	Topic	Description	Trainer	Method
Day 1: 1 June				
Session 1	09:00-10:00	Official opening	Welcome addresses and opening words Introduction to the Horizon 2020 Initiative and course objectives Introduction of speakers and participants - expectations	H2020 Team Leader, Prof. Michael Scoullos and H2020 Deputy Team Leader, Dr. Emad Adly, Officials Opening words and round of introductory statements
Session 2	10:00-10:30	Sustainable Consumption and Production (SCP) in the Mediterranean	SCP components Global framework for action (Marrakech Process) Main trends in the Mediterranean Region	Ms. Magali Outters, CP/RAC Presentation/Q&As
Session 3	10:30-11:00	SCP Country Plan	Toward a National Action Plan for SCP of Montenegro Educating and communicating about Sustainable Development	Ms. Bosiljka Vukovic, Head, Montenegro Office for Sustainable Development Presentation/ Q&As
	11:00-11:30	<i>Coffee break</i>		
Session 4	11:30-12:00	SCP Country Plan	National Action Plan for Sustainable Production and Consumption of Croatia. Lessons Learned	Ms. Branka Pivčević Novak, Croatian Ministry of Environmental Protection, Physical Planning and Construction Case study/Q&As
Session 5	12:00-13:00	Education for Sustainable Development (ESD)	Education for Sustainable Development (principles and evolution) UNECE Strategy for Education for Sustainable Development (a Strategy jointly adopted by Ministries of Environment and Education)	Prof. Michael Scoullos Ms. Simone Hofner, Associate Environmental Affairs Officer, "Environment for Europe" and Sustainable Development Team, UNECE Presentations/Q&As
	13:00-14:00	Lunch		
Session 6	14:00-15:00	Sustainable Development, ESD, Education for Sustainable Consumption (ESC)	Conceptual Mapping Exercise	Prof. Michael Scoullos, Mr. Paul Vare, Executive Director, South West Learning for Sustainability Interactive Exercise
Session 7	15:00-16:00	Linking ESD to ESC	Ways to include Sustainable Consumption and Production in Education for Sustainable Development	Prof. Michael Scoullos, Mr. Paul Vare, Dr. Emad Adly Interactive Presentation including case studies <i>Participants are also welcome to present case studies during this session if they so wish</i>
	16:00-16:15	<i>Coffee break</i>		
Session 8	16:15-17:30	Round Table	Discussion on previous sessions to summarise findings	All participants Interactive activity



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	Topic	Description	Trainer	Method
Day 2: 2 June				
Session 1	09:00-11:30 ESD Competences	Introduction to a Competences Framework for ESD Educators and Possibilities for a Toolkit	Mr. Paul Vare, Executive Director, South West Learning for Sustainability	Presentation and application
	11:30-12:00	<i>Coffee break</i>		
Session 3	12:00-13:00 ESD and SCP in Morocco	The dimension of responsible consumption patterns in educational practices in Morocco Environmental Education Centres in Morocco: environmental culture promotion issues	Prof. Mohamed Ftouhi, Mohammed V University of Rabat and CMED Prof. Chakri Said, AESVT/CEET	Presentations
	13:00-14:00	<i>Lunch</i>		
Session 4	14:00-16:30 Education for Sustainable Consumption (ESC)	<i>youthXchange towards sustainable lifestyles</i> : UNEP/UNESCO's Global campaign addressing trainers and individuals to understand and communicate on sustainable lifestyles	Ms. Khairon Abbas, UNEP, Division of Technology, Industry and Economics (DTIE), Sustainable Consumption and Production Branch	Presentation and exercise
Session 5	16:30-17:30 Round Table	Discussion on previous sessions to summarise findings	All participants	Interactive activity

Day/Session	Topic	Description	Trainer	Method
Day 3: 3 June				
Session 1	09:00-11:00 Education for Sustainable Consumption (ESC)	How to create learning environments for more sustainable consumption	Heloise Buckland, Barcelona and RCE Barcelona	Interactive exercises
	11:00 - 11:30	<i>Coffee break</i>		
Session 2	11:30-12:30	Evaluation of the course, Closing Remarks and Certificates Award		
	12:30-13:30	<i>Lunch</i>		



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