

CP NEWS [25]

REGIONAL ACTIVITY CENTRE FOR CLEANER PRODUCTION

Newsletter from the RAC/CP and its National Focal Points

September 2007

Summary



1. The CP/RAC has moved	1
2. The CP/RAC Focal Points determine the Centre's activities	2
3. Sustainable consumption CP/RAC's main priority	3
4. CP/RAC changes to ecological publications	5
5. Pollution prevention in meat processing industry, focus of the new CP/RAC manual	5
6. CP/RAC circulates various studies on pollution prevention in Morocco	6
7. Malta: 4 th Edition of the Malta Environment Award for Industry	7
8. Malta: Call for papers	7
9. Bosnia & Herzegovina: Development of Guidelines on Best Available Techniques in the Food and Beverage sector in Bosnia & Herzegovina	8

1. The CP/RAC has moved

CP/RAC moved its offices on 20th March 2007. Our new address and contact details are as follows:

Regional Activity Centre for Cleaner Production
Carrer Dr. Roux, 80
08017 Barcelona

Tel.: +34 93 553 87 90
Fax.: +34 93 553 87 95
E-mail: cleanpro@cpnac.org

Our new Centre was inaugurated on 27 March an event attended by Mr. Jaime Alejandro Martínez, Director General of the General Directorate of Environmental Quality and Assessment of the Spanish Ministry of Environment, by Mrs. Elisenda Rius i Bergua, Director



of Services at the Department of the Environment and Housing of Catalonia, and Mrs. Genoveva Català Bosch, Director of the Catalonia Waste Agency. ■

2. The CP/RAC Focal Points determine the Centre's activities

On 27th and 28th February 2007, the National Focal Points representing the Contracting Parties of the Barcelona Convention (21 countries and the European Union) met in Barcelona to discuss CP/RAC's activities over the past two years and to define future plans for the coming two year period. This meeting was part of the ECO-MEDA FORUM programme, 3rd Euro-Mediterranean Sustainable Development Forum.

During this meeting, the new CP/RAC mission statement was presented and was unanimously approved. The mission statement reads as follows:

"To promote mechanisms leading to sustainable patterns of production and consumption in the Mediterranean, focusing on Cleaner Production and pollution prevention".

The meeting was attended by Mr. Paul Mifsud, Coordinator of the Mediterranean Action Plan (MAP) which is part of the United Nations Environment Programme (UNEP) and by Mr. Fouad Abousamra of the Mediterranean Marine Pollution and Research Programme (MEDPOL). Mr. Janez Petek, Slovenia National Focal Point was elected to chair the meeting. The event took the form of presentations, working groups and debates.

The first day began with a presentation of the activities carried out in 2006 and those planned for 2007, by Ph.D. Virginia Alzina, Director of CP/RAC. Proposals were put forward for activities for the 2008-2009 two year period in

addition to CP/RAC's role within the MAP and the European Union's cooperation programme.

Two working groups were subsequently formed in order to debate two subjects of particular interest from an environmental perspective for the Mediterranean region: rational chemicals management and sustainable production and consumption. These two working groups drew up recommendations for action within the framework of MAP.

In terms of rational chemicals management, recommendations proposed the avoidance of duplicating efforts, as established in international conventions and making the most of existing synergies between these agreements and the Protocol for the Protection of the Mediterranean Sea against pollution from Land-Based Sources (LBS Protocol). In order to do so, the Centre is currently developing a strategy to adapt its activities to reduce chemicals and to manage them in a rational way. This action is based on the common priorities and needs of the LBS Protocol, the Stockholm Convention on Persistent Organic Pollutants (POPs) and the Strategic Approach to International Chemicals Management (SAICM).

Recommendations arising from the discussion group on sustainable production and consumption clarified the importance of coordinating and promoting actions in this respect. ■



The 6th Meeting of CP/RAC National Focal Points

6th Meeting of CP/RAC National Focal Points
Barcelona, 27-28 February 2007
Gran Via Meeting Venue
Botànica St.
Pavilion 2, Room 2.14
08908 L'HOSPITALET DE LLOBREGAT
(Barcelona)

Agenda

1st Day: Tuesday, February 27th

Afternoon session (15:30 - 19:00)

15:30 - 15:45

1. Opening of the Meeting
2. Election of the officers: Chair, Vice-Chair and Rapporteur
3. Organization of work

15:45 - 16:15

4. CP/RAC Action Plan:
 - Introduction of the staff of CP/RAC.
 - Presentation of CP/RAC activities for 2006
 - Presentation of CP/RAC activities for 2007

16:15 - 19:00

5. Plenary Session:
 - Proposals of activities for the 2008-2009 biennium
 - CP/RAC role in MAP – EC Work Programme of Cooperation

2nd Day: Wednesday, February 28th

Afternoon session starting with working lunch (14:00 - 19:00)

14:00 - 14:30

6. Involvement of the CP/RAC in the implementation of SAPs and NAPs

14:30 - 15:30

7. Open discussion on the Mission Statement

15:30 - 17:15

8. Working groups:
 - Working group 1: Sustainable production and consumption.
 - Working group 2: Sound Chemicals Management.

17:15 - 17:30

Coffee Break

17:30 - 18:30

9. Open discussion for the recommendations and conclusions.

18:30 - 18:45

10. Adoption of final recommendations.

18:45 - 19:00

11. Other business and closure of the meeting

3. Sustainable consumption CP/RAC's main priority

CP/RAC has assumed a new mission: *"To promote mechanisms leading to sustainable patterns of production and consumption in the Mediterranean, focusing on Cleaner Production and pollution prevention"*. This new mission statement –defined in a meeting of the National Focal Points held in Barcelona on 27 and



28 February– clearly introduces sustainable consumption as a priority line of action for the Centre.

In order to assess this issue, the Centre carried out a study with the ECODES Foundation on the basic concepts of sustainable development. In addition, the various initiatives carried out both in the context of

International as well as Mediterranean agreements and organisations were also studied.

This report, resulting from an in-depth examination was presented on 12th April, 2007 to a number of Catalan organisations working actively in the area: Consumer Associations, the Mediterranean Food Council [Consejo Alimentario del Mediterráneo], the Government of Catalonia (Generalitat de Catalunya), collaborating universities, etc. Mrs. Itziar Castelló—an ECODES Foundation researcher—made the presentation, explaining the origins of the concept, the various models currently in existence and the actions undertaken by the various international institutions such as the United Nations (UNO) the Organisation for Economic Co-operation and Development (OECD) and the European Union (EU).

During the second part of the event, a debate was held on sustainable development and CP/RAC's action methods, highlighting the importance of taking urgent measures to change the consumption models of current society. This change could be achieved by improving dissemination of information on products consumed and by the development of stimulatory

mechanisms on part of public organisations.

This study day resulted in a solid base on which to develop CP/RAC's future activities for sustainable development.

The study will shortly be translated into English and French and will be published on CP/RAC's web site, www.cprac.org ■



Conference: Sustainable consumption

CONFERENCE

“Sustainable consumption: concepts and public policies in the Mediterranean”

12 April 2007

Lugar: Training room of the Catalan Waste Agency
(*Agència de Residus de Catalunya*)
Dr. Roux, 80, Barcelona

PROVISIONAL SCHEDULE

11:00 - 11:10 Welcome

By Ph.D. Virginia Alzina, CP/RAC Director

11:10 - 12:30 Presentation of the report “Sustainable Consumption in the Mediterranean”¹

By Mrs Itziar Castelló –ECODES Foundation

12:30 - 13:30 Questions and colloquium

13:30 Conference closure

By Ph.D. Virginia Alzina, CP/RAC Director

TABLE OF CONTENTS

1. Introduction to sustainable consumption

1.1. The consumption process

1.2. Consumption, consumerism and lifestyle

1.3. Sustainability and sustainable development

1.4. The concept of sustainable consumption

1.5. The scope of sustainable consumption

1.6. Theoretical framework: different ways of understanding sustainable consumption

1.7. The economist model: the world where we live today

1.8. The ethical consumption model

1.9. Responsible consumption by combining both models: economic man and social man

1.10. Consideration of obstacles to sustainable consumption

1.11. Conditions for the development of sustainable consumption

1.12. Sustainable consumption in the Mediterranean region: framework for theoretical reflection

2. The institutional setting of sustainable consumption

2.1. Supranational programmes: the United Nations

2.2. The OECD and sustainable development

2.3. European Union activities about sustainable consumption

2.4. Other organisations

2.5. National, regional and local institutions that promote sustainable consumption

3. Conclusions and final recommendations

¹ You can see the attached table of contents of the report being presented.

4. CP/RAC changes to ecological publications

Future CP/RAC publications (leaflets and studies) will be printed on 100% recycled paper which does not use chlorine or chlorine compounds for bleaching purposes.

The following logos will appear on the covers of studies and leaflets:



100% recyclable: the paper used is 100% recyclable.



ISO 9001: manufacturing conditions comply with the quality requirements defined by the ISO 9001 standard.



ISO 14001: manufacturing conditions comply with the environmental requirements defined by the ISO 14001 standard.



Blue Angel (der blaue Engel): a German eco-label which is only awarded to products complying with a set of rigorous conditions: the paper must contain 100% recycled fibre and should not contain any chlorine type or optical bleaching agents.



ISO 9706: a standard which defines paper manufacturing conditions which enable them to be kept for several years.



Recycled approved by the NAPM: logo awarded by the National Association of Paper Merchants (NAPM) which certifies that the paper contains a minimum of 75% recovered cellulose fibres.

In the case of leaflets in particular, the paper used for printing in addition to the aforementioned labels will also carry the following logos:

White swan, the Nordic Ecolabelling. **TCF,** this label guarantees that the paper pulp is totally chlorine free. (TCF, Total Chlorine Free).

EMAS, Community eco-management and audit scheme (EMAS).

FSC, label which guarantees that the wood complies with the requirements of the Forest Stewardship Council, (FSC).

European Flower, ecological label of the European Union known as the "Flower".

The inks used in the leaflets will be manufactured with a vegetable oil base instead of mineral oils. In the case of studies the cover will be made from the same paper as the leaflets. The remainder of the study will be printed on high quality 100% recycled paper.

This action is a reflection of CP/RAC's endeavour to apply good environmental practices in its operation, recognising the importance of sustainable consumption as well as acknowledging the role of environmental bodies in setting an example. These simple actions which CP/RAC has just put into practice will have a positive effect on the environment and are easy for all to apply. We strongly encourage emulation of this type of practice in your organisations or businesses. ■

5. Pollution prevention in meat processing industry, focus of the new CP/RAC manual

CP/RAC has published a manual on *Pollution prevention in meat processing industry in the Mediterranean region* with a view to defining practices which will cause less pollution than traditional methods and which are technically and financially viable. The study identifies those aspects of the sector which have the greatest impact on the envi-

ronment and details opportunities for preventing contamination at origin. This is achieved by including in a single guideline the environmental criteria and hygienic/sanitary and productive requirements. In addition, various technically and financially viable alternatives are identified for preventing contamination. This will facilitate adoption of these practices

by the majority of businesses in the Mediterranean region.

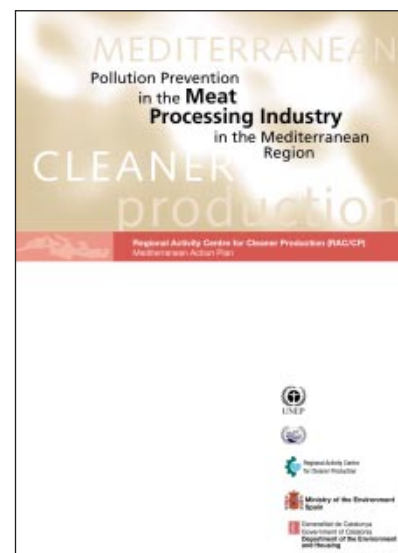
An analysis of production consumption and trade in the Mediterranean Action Plan (MAP) countries indicates that meat production is lower than consumption and therefore many countries need to import meat. Only France, Spain, Tunisia and Slovenia have a positive balance in net trade. The

study also shows that the main producers are also the biggest consumers of meat products.

There are considerable differences in production among the MAP countries: over 84% of meat comes from France, Spain Italy, Egypt and Turkey. Distributed by type of animal, pork production dominates with 32.75% of the total, followed by chicken with 27%, and beef production at 22.5%. The main activities and production processes are also described, slaughter of animals at the abattoir, quartering and dressing in the cutting plant and production of meat products in manufacturing plants. In order to illustrate these examples in a graphic form, a chapter of real cases is included showing the application of preventive contamination techniques.

The text pays special attention to the traditions of Muslim and orthodox countries which follow special rituals in slaughtering animals as in the case of Islamic *Halal* and Jewish *Kosher* butchering.

Publication of the manual responds to CP/RAC 's new policy of disseminating environmental practices. It is available in traditional printed format and also in an online version, together with a brochure which summarises the content. In the case of the printed edition, paper was used with the technical characteristics mentioned in the article **CP/RAC changes to ecological publications**, included in this CP News bulletin, and the leaflets have been printed using ecological paper and ink. The online edition may be consulted on the CP/RAC website: www.cprac.org. ■



6. CP/RAC circulates various studies on pollution prevention in Morocco

The National Agency for Small and Medium Enterprises Promotion (Agence nationale pour la promotion de la petite et moyenne entreprise du Maroc, ANPME) has requested CP/RAC's authorisation to use its publications as a training tool for the Moroccan businesses with which it works. The Centre has sent 50 copies of studies on the pollution prevention in the following sectors: tanning, textile, dairy, surface treatments, food preservation and graphic arts.

These publications have been included in an ANPME activity known as "emergency information campaign for the textile and apparel manufacturers sector" organised in collaboration with the Moroccan Textile and Apparel Manufacturers Association (Association Marocaine des Industries du Textile et de l'Habillement, AMITH). The campaign caravan is currently visiting the regions of Fez, Taza, Tangier, Rabat, Casablanca and Marrakech in order to meet with textile sector representatives and to

encourage businesses to modernise and make the most of the opportunities offered by international trade.

Seminars to create awareness will be held in each city in order to show the finance and support mechanisms and instruments provided by the ANPME. The aim is to support the efforts of competitive modernisation of businesses in the textile and apparel manufacturers' sector.

This is the second edition of the information campaign initiated in Fez (Morocco) on the 30th April 2007 with the slogan "Ready for 2008" («Prêts pour 2008»). This event is framed in the context of the national modernisation programme which aims to assist national businesses in the process of liberalisation and in setting up a Euro-Mediterranean free trade zone in 2010.

CP/RAC wishes to collaborate with bodies directly involved with Mediterranean businesses in order to further its collaboration in this region. ■

7. 4th Edition of the Malta Environment Award for Industry



The Malta's Cleaner Technology Centre is launching the 4th edition of the Environmental Award for Industry in recognition of industry's contribution to sustainable development.

The aim of these awards is to acknowledge the endeavours of industries or organisations which, through their policies, practices and processes have helped to bring about social and economic development while reducing the environmental impact of their operations.

Another aim of the awards is to encourage more organisations to take measures to protect the environment.

The environment award will be given in three categories;
Category 'A' - Management Award for Sustainable Development

Category 'B' – Conservation Award for Sustainable Development

Category 'C' – Environment Protection Initiative Award for Small and Medium Enterprises

TIMELINE

Application Deadline: End of July 2007

Application Reviewed. Short Listing, Site Visits: August - October 2007

Selection of Winners & Awards Presentation: November 2007

Applications will be assessed by a special committee of experts from various sectors.

The winners in each category will be awarded a specially commissioned trophy made by Mdina Glass and a certificate. The winners of Category 'A' will also be

given assistance to compete in the European Environment Award Programme run by the Directorate General for the Environment of the European Commission.

The winners of the 3rd Edition of the Environment Award for Industry were Trelleborg Sealing Solutions Malta Ltd. in Category 'A', HSBC Bank Malta plc in Category 'B' and The Limestone Heritage in Category 'C'.

For further details, please contact the Maltese National Focal Point:

Mr. Anton Pizzuto

*Cleaner Technology Centre,
University Campus, Msida MSD
2080 Malta*

Tel: 21313416/7

Fax: 21344879, 21340979

E-mail: ctc@mus.com.mt ■

8. Call for papers

A one-day seminar on energy efficiency policies, applications and research, organised by the Institute for Energy Technology of the University of Malta and the Cleaner Technology Centre of the Malta University Services.

Energy Efficiency has recently become one of the major areas of interest for policy makers, energy providers and users. The EU Energy Directives all focus on energy efficiency as an immediate measure to be taken to curb increased use of fossil fuels. Malta is fully dependent on imported fossil fuel supply, and is therefore very sensitive to any changes in the provision or cost of this resource. Consequently, Malta should be at the forefront of applying energy efficient measures to everyday life. This seminar aims to present experiences and examples of energy efficiency policies, research and implementation, to

enhance awareness and stimulate greater use of technologies that will lead to energy saving. The seminar covers a number of topics that include energy efficiency policies and roadmaps, energy efficiency applications in industry, energy efficiency in buildings, energy saving in households, and innovative use of energy in transport and aviation.

Authors wishing to present a paper to this seminar should contact:

Mr. Anton Pizzuto

Cleaner Technology Centre

University Campus

Msida – MSD 2080, Malta

E-mail: ctc@mus.com.mt

Tel: (356) 21313416/7

Fax: (356) 21344879

Submission guideline:

1. The Abstract should be no more than 1 A4 page.
2. The Abstract should include the Title of the Paper, the name and affiliation of all authors, the name, contact details and address of the corresponding author.
3. The Abstract should include the following points:
 - a. Objectives of the paper
 - b. Methodology used
 - c. A summary of results obtained
 - d. Conclusions reached

These conditions shall apply to accepted papers:

1. Those presenting accepted papers shall be expected to make an oral presentation during the seminar, in English which shall not exceed 20 minutes;

2. No presentation shall be made and no paper shall be published in the proceedings unless the registration fees have been paid beforehand.

3. Full scripts of accepted papers shall be handed in for inclusion in the Seminar's Electronic (CD) Proceedings by **Friday 17th August 2007**.

4. The power point presentation shall be handed in to the organisation committee no later than **31st August 2007**.

Registration

Early Registration Fees (before 13 th July 2007)	Lm 30
Late Registration Fees (after 13 th July 2007)	Lm 40
Full-time students (copy of student ID is required)	Lm 15

9. Development of Guidelines on Best Available Techniques in the Food and Beverage sector in Bosnia and Herzegovina

One of the activities of European Union LIFE project "Capacity Building in Integrated Pollution Prevention and Control in Bosnia & Herzegovina (2006-2008) is to develop Guides on Best Available Techniques (BATs) for the food and beverages sector. The aim is to base this material on Best Available Techniques Reference Documents (BREFs) but adapted to the existing conditions in Bosnia and Herzegovina.

For that purpose, from December 2006 to April 2007 experts from the Hydro-Engineering Institute at the Civil Engineering Faculty, Sarajevo, and the Greek company Exergia S.A. carried out environmental audits of 17 food and beverage companies from the following subsectors: dairy, slaughtering and meat processing, fruit and vegetable processing, fish hatchery/fishing industry and breweries. The aim of this assessment was to obtain first-hand information on the current level of technology and environmental performance of food and beverage sectors that will

serve as an input for development of Guides on BATs in Bosnia & Herzegovina.

From 25-28 June 2007 dual seminars were organised jointly by the Regional Activity Centre for Cleaner Production (CP/RAC) and the Bosnia & Herzegovina LIFE project team. Specifically, two seminars were held on the Integrated Pollution Prevention and Control (IPPC) and a further two seminars in the meat sector in Sarejevo and Banja Luka. The purpose of these events was to familiarise national key professionals in Bosnia & Herzegovina with the use of BATs in implementing IPPC processes, as well as training them in the compilation of guides on BATs for the food and beverages sector in Bosnia & Herzegovina.

The CP/RAC experts demonstrated their experience in the application of the IPPC Directive both in Catalonia and in the rest of Spain, as well as the use of BATs and compilation of BAT guides in both areas. The seminars on the meat sector were approached as an in depth look at a practical case with

the aim of providing information to those acting in Bosnia & Herzegovina involved in the applying BATs to the sector in that country. In general the meat sector seminars provided knowledge and tools on how to prepare the BAT guides for the sector: content, how to involve the meat industry and other actors in the compilation of the guide, and in its application and use.

In Bosnia & Herzegovina the project teams will use this experience in developing methodologies for compiling national guides on BATs in subsequent stages of the LIFE project. *For further details, please contact the Bosnia and Herzegovina National Focal Point:*

Mrs. Sanda Midzic

Centre for Environmentally Sustainable development (CESD)

Hydro-Engineering Institute, 1 Stjepana Tomica Str., 71000 Sarajevo

Tel.: (387) 33 212 466,

Fax: (387) 33 207 949,

E-mail: heis@heis.com.ba ■