

# ENEP BULLETIN

European Network of Environmental Professionals



## FROM THE PRESIDENT

Dear Colleagues,

2014 is already halfway through! How time flies. Also for ENEP. During the first half year of my presidency, I was able to meet most of the member associations in our Network, which was a very interesting and engaging experience. It became clear to me what the real priorities and concerns are at national level, being an organisation *of* and *for* environmental professionals. On the basis of this road show, the Executive Committee defined its *Action Plan 2014-2015*, which was approved by the General Assembly last April in Bucharest, Romania. It places the focus firmly on ENEP over the next two years 'to inform, unite and inspire' all member associations to become more active on a European level, so that new opportunities arise for the environmental professional in search for a better future.

In order to reach this objective, I am a firm believer in opening up as many communication lines as possible, so that the information and intelligence that ENEP gathers and creates is disseminated widely reaching as many professionals in the field as possible. A vital role in communicating lies with the national management and its secretariats of each member association and especially in giving feedback so that we can improve and focus our efforts further. As president I want to stress the importance of an active relationship between ENEP and its member associations, with engagements that are respected from both ways. Only an organisation with well-functioning communication lines will be able to move forward and achieve its objectives.

The potential value of what ENEP does was aptly demonstrated in early June during Green Week, the annual gathering of European environmental policy-makers and professionals from all over the continent, in Brussels. This year's theme was the 'Circular Economy'. Many of those who dropped in on our stand were pleasantly surprised by the existence and (unpartisan) nature of our Network. We can prove through this type of activity that our objective is achievable, that our profile is growing throughout the EU Institutions and beyond and that ENEP helps its member associations in expanding their horizon.



I am also proud to introduce you all to **FedEC**, the Dutch Federation of Energy Consultants, who have been introduced to ENEP by OVED, the Flemish Platform of Energy Experts, and will join our Network during the next General Assembly in Brussels. During my introductory meeting with FedEC, the idea was launched by its director, Michiel Steerneman, to invite other member associations of ENEP to help FedEC create a new *Professional Working Group (PWG)* within ENEP, focusing on Energy Consultancy. Following positive responses from across our Network on this idea, the ExCo

decided to support such a PWG under the chairmanship of FedEC, with its first objective being to organise and host the inaugural PWG Platform meeting during the next General Assembly in October. As always, ENEP will support the professionals who want to become active in the PWG in any possible way.

Finally, don't forget to 'save the date' for the next General Assembly of ENEP, that will take place in our head quarters in Brussels, during the *European Open Days*

week, on 9- 10 October 2014 and include a visit to the European Commission with a briefing on the environment and climate agenda of the new Commission that will take office in early November.

Enjoy this Bulletin, I hope to see you all soon!

*Kristof De Smet,*  
*President*

### A MESSAGE FROM BRUSSELS

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In the wake of the European elections in May, the Parliament has been back in Strasbourg this month for its first inaugural plenary session. With EPP, the centre right party, topping the election, its candidate Jean Claude Juncker was able to secure the support to become the President elect of the European Commission 2014-2019 despite fierce opposition from UK Prime Minister David Cameron. Juncker was approved by Parliament on Tuesday 15<sup>th</sup> July.

In Strasbourg, this left Martin Schulz, a German socialist from Aachen, to be re-elected as the European Parliament's President for the first 2 ½ years of the new mandate. After Mr. Schulz's term is over, the Presidency will go to either a member of the EPP or the Alliance of Liberals and Democrats for Europe.

Following the inaugural session in Strasbourg, chairs and vice chairs of the Parliament's new committees [have also been elected](#). Giovanni La Via MEP was duly elected chair of the Parliament's Environment committee with Benedek Jávor MEP from the Green Party elected as the committee's first vice-chair. Proceedings were though complicated by a pact between EPP and Socialists (S&D) to [block chair or vice chair positions going to any EFDD party members](#). In the end, the environment committee elected Romanian socialist Daciana Sârbu MEP as second vice chair and blocked EFDD

members from the 3rd and 4th positions as well. Mr Jávor, a Hungarian biologist and politician has only just been elected to Parliament for the first time.

Meanwhile, several of the EU's other top jobs are on the table. The Presidency of the European Council will see Socialist Danish Prime Minister Helle Thorning-Schmidt and EPP Dutch Prime Minister Mark Rutte go head to head for that position now.

Italy's Foreign Minister Federica Mogherini is the front-runner to become the EU's foreign policy chief. With Jean Claude Juncker voted in by Parliament, the new President's attention turned to the selection of Commissioners for the new [Commission college 2014-2019](#). Juncker will have to negotiate with each of the member states but already concern is mounting over the [lack of women being nominated](#) by member states.

EU leaders gathered in Brussels for first discussions on the Commission team on 16<sup>th</sup> July. Although member states have until mid-September to finalise their nominations, the Commission President will only be able to confirm the new college once the proposed Commissioners have been scrutinised in individual hearings before Parliament committees during September. In October, the European Parliament is expected to vote to approve or reject the new Commission College as a whole. This will allow the new

European Commission to take office on 1<sup>st</sup> November 2014.

On the environment front, Phil Hogan, the Irish Environment Minister is tipped to become the new Environment Commissioner replacing Janez Potočnik when he steps down in October. However, Mr Hogan, who was nominated for the post by Taoiseach Enda Kenny, faces opposition from a number of Ireland's MEPs. They want Mr Hogan to be questioned about recent

environmental controversies during his tenure as Environment Minister, when he comes before a hearing of MEPs.

ENEP's GA side event takes place on Thursday 9<sup>th</sup> October, where ENEP members attending will get a valuable insight into the new European Commission and the likely environment priorities that may emerge.

## 6<sup>TH</sup> EUROPEAN EMS FORUM

VNU would like to invite you to the European EMS Forum on 17<sup>th</sup> September 2014 in Brussels with details below.

At the same time, we would like to draw your attention to the ENEP EMS Experts Working Group Meeting in Mundo B, Rue d'Edimbourg 26, Brussels which is scheduled for the next day.

The VNU office will be glad to provide further information on the latter if you are interested in attending the meeting.

### 6<sup>th</sup> European EMS Forum

Political Developments in Sustainability and Environmental Management

17<sup>th</sup> September 2014

Representation of the State of Hessen to the EU, 21, Rue Montoyer, B-1000 Brussels

All professionals for sustainability and environmental management, i.e. managers, auditors, verifiers, representatives of authorities and other experts are invited to participate in this conference. The programme includes presentations on the following topics and provides a platform for the exchange of views among participants:

- **EMAS Revision and Experiences with EMAS Global**  
Lennart Schleicher, Schaeffler Technologies GmbH & Co. KG, Herzogenaurach

- **ISO 14001 Revision – Main Challenges and Possible Changes**  
Daniele Pernigotti, EMAS Club Venetia, Fanzolo di Vedelago
- **Challenges and Opportunities of Environmental Footprinting**  
Imola Bedo, Directorate General Environment, European Commission, Brussels
- **Implementation of the EU Industrial Emissions Directive (IED)**  
Dr Jürgen Bardenhagen, Division 33, Ministry for the Environment, Energy and Climate Protection of the State of Lower Saxony, Hannover
- **EMS - EMAS Sectoral Reference Documents on Best Environmental Management Practice**  
Paolo Canfora, Joint Research Centre of the EU Commission, Sevilla

Organised by VNU e. V., the ENEP EMS Experts Working Group and the Representation of the State of Hessen to the EU. Members of VNU only pay a reduced conference fee for registrations by 21<sup>st</sup> August.

The Conference will be held in English. The programme and the registration form are available on [www.vnu-ev.de](http://www.vnu-ev.de). Please do not hesitate to contact the VNU office

for any further information: [vnu@vnu-ev.de](mailto:vnu@vnu-ev.de).

## **INTERNATIONAL VDI CONFERENCE – PLASTIC WASTE RECYCLING 2014**

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21<sup>st</sup> – 22<sup>nd</sup> October 2014 in Frankfurt

### **In cooperation with ENEP**

Plastics recycling is widely accepted as a milestone on the road to zero plastics in landfilling. The international VDI conference Plastic Waste Recycling - Processing and new Applications - will cover available technologies to sort, process and transform plastic waste back into recycled plastic products. Expect discussions on reducing, reusing, recycling: How do plastics behave on different levels of the waste hierarchy, upcycling/downcycling: Does it exist at all? Get insights in new business models and means of application of recycled plastics.

Benefit from the following topics:

- EU Legislation: What do we have to expect from Brussels?
- Overview on plastics waste management in Europe – Chances and challenges
- Ways to increase the plastics recycling targets in Europe
- Eco-efficiency of plastic waste recycling

- New challenges?!: How to deal with bioplastics
- Processing of plastic waste: Transforming plastic waste into valuable material resources
- Improve material properties

Conference chair is Dr. Michael Scriba, CEO, mtm plastics GmbH, Niedergebra, Germany. Conference language is English.

**As a member of ENEP you can benefit from a conference discount. Registration price is €1.290.**

Also, do not miss out on our workshop “Recycling Plastics - Technologies, Properties and Application” on 23<sup>rd</sup> October 2014 in Frankfurt.

Here, members also benefit from a discount. Registration price for the workshop is €710, package price (conference and workshop): €1.800.

Bookings must be made via the VDI team: Nora Breuker, [breuker@vdi.de](mailto:breuker@vdi.de), Phone: +49 211 6214-621

More information here: [www.vdi-international.com/plasticwaste](http://www.vdi-international.com/plasticwaste)

## **3<sup>RD</sup> EDITION OF ENVIRONMENTAL SCIENCE AWARDS**

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The [Association of Environmental Professionals of Catalonia \(COAMB\)](#) and the [Catalan Association of Environmental Sciences \(ACCA\)](#) announce the 3rd edition of *Environmental Science Awards*, whose main objective is to highlight the fundamental role that the collective of environmental science plays in the social, economic and cultural transformations of the 21<sup>st</sup> century.

These awards also recognise the trajectory of environmental studies in Catalonia, interdisciplinary research, entrepreneurship in the field of the environment and efforts to communicate the challenges of environmental sustainability.

Therefore, the following four categories have been established:

**Final Project or Work Study:** addressed to university students in their final year of studies in Environmental Sciences.

**Research Activity:** addressed to students of postgraduate programs (PhD and Masters); teaching and research staff associated with university and research centers and institutes in the field of environment and sustainability in Catalonia.

**Entrepreneurship:** addressed to companies, entrepreneurs, organizations and institutions with headquarters in Catalonia, working in the field of environment and sustainability.

**Environmental Communication:** addressed to environmentalists,

environmental groups, associations, specialists in councils, environmental consulting, environmental centers and education professionals in the field of environmental communication, who have carried out activities directed at the Catalan society.

The deadline for entry submissions is 24<sup>th</sup> October 2014.

Interested persons may submit their application to

[premisambientals@coamb.cat](mailto:premisambientals@coamb.cat).

[Learn more](#)

**#premisambientals**

## AUTUMN 2014 GENERAL ASSEMBLY

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The **Autumn 2014 General Assembly** will take place on **Thursday 9<sup>th</sup> (Side Event) and Friday 10<sup>th</sup> October 2014** in Brussels.

The theme for this year's side event is 'The European Commission and the EU institutions - the new environment priorities of the EU executive'. We have therefore organised an information visit to the European Commission, tailored to our members' interests.

### Tailored Information Visit

European Commission Visitors' Centre in Brussels, rue de la Loi 170, 1040 Brussels (entrance to the Visitors' Centre at Rue du Taciturne)

- Aimed at journalists, national and local government representatives, business associations, professional groups from the public and private sector, trade unions, academics including post graduate and research students.
- Comprises of a programme which is specially tailored to the interests of the group and can consist of an introduction on the role of the European Commission within the EU followed by up to 4

presentations on specific EU policies given by Commission officials dealing with the issues involved.

- ENEP's visit will last half a day, approximately 13.45-18.00, exact time to be confirmed.

### Open Days

In addition, interested parties can register for relevant OPEN DAYS events taking place 'next door'.

Organised between 6<sup>th</sup>-9<sup>th</sup> October 2014, the OPEN DAYS Brussels-based events will consist of an opening session (6<sup>th</sup> October), followed by some 100 working sessions (workshops or debates, 7<sup>th</sup>-9<sup>th</sup> October).

[Registrations](#) are open until 22<sup>nd</sup> September. Places for the OPEN DAYS 2014 opening session and for the official reception are allocated on a first come, first served basis.

The following two events of interest to ENEP members take place on Thursday 9<sup>th</sup> October:

09:00 - 10:45

**09A03 - Ensuring a competitive Europe with a low-carbon economy: a vision of local and regional governments**

Organisers: Climate Alliance

Venue: Committee of the Regions, Jacques Delors, Room 51

11:15 - 13:00

**09A07 - Food-related initiatives for sustainable local development: lessons from URBACT**

Organisers: URBACT II Programme

Venue: Committee of the Regions, Jacques Delors, Room 52

You can view the full programme here: [http://ec.europa.eu/regional\\_policy/conferences/od2014/main\\_programme.cfm](http://ec.europa.eu/regional_policy/conferences/od2014/main_programme.cfm)

Further details will be circulated shortly and we look forward to seeing many of you in Brussels.

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**NCGG7 – SEVENTH INTERNATIONAL SYMPOSIUM ON NON-CO2 GREENHOUSE GASES**

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5<sup>th</sup>-7<sup>th</sup> November 2014, Amsterdam, the Netherlands

*Innovations for a Sustainable Future*

Scope and themes

Non-CO<sub>2</sub> greenhouse gases include many substances, such as methane (CH<sub>4</sub>), nitrous oxide (N<sub>2</sub>O), fluorocarbons (CFCs, HFCs, SF<sub>6</sub>, etc), black carbon, aerosols, and tropospheric ozone (O<sub>3</sub>). These contribute significantly to climate forcing.

Reducing non-CO<sub>2</sub> greenhouse gas emissions is often more cost-effective than reducing CO<sub>2</sub> emissions.

The scope of NCGG7 will be the innovations in the science, technology and policy aspects of controlling non-CO<sub>2</sub> greenhouse gas and precursor emissions.

The NCGG conferences pay attention to:

- sources, sinks, and atmospheric processes of non-CO<sub>2</sub> greenhouse gases;
- mitigation options and emission reduction technologies and practices;

- policies and measures, both in the public and private sectors; and
- the science-policy-industry interface.

Specific issues to be addressed at NCGG7 will include

- Nitrogen-carbon cycling and interactions;
- Short-lived climate forcers;
- Air pollution versus climate change;
- New emission reduction technologies;
- The effectiveness of the Kyoto Protocol;
- Policies on F-gases;
- Corporate responsibility;
- Short-term policies and long term policy objectives;
- Action research and participatory integrated assessment;
- Innovations for sustainable development.

For registration and more information:

[www.ncgg.info](http://www.ncgg.info)  
[office@ncgg.info](mailto:office@ncgg.info)

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**CIEEM AUTUMN CONFERENCE 2014**

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Progress in Effective Habitat Restoration, Translocation and Creation

11<sup>th</sup>-12<sup>th</sup> November 2014, Edinburgh, Scotland

Conference Objectives:

- To look at the evidence base for successful outcomes in habitat restoration, translocation and creation including setting realistic targets.

- To consider how effective habitat restoration, translocation and creation can contribute to delivering policy objectives and targets.
- To identify further questions to be answered through evidence gathering, monitoring and further research.
- To use case studies to exemplify good practice at a range of scales.
- To showcase innovative tools and techniques.

The conference will include a panel debate on the topical and controversial subject of rewilding.

Bookings for the conference are due to open in August.

<http://www.cieem.net/events/675/progress-in-effective-habitat-restoration-translocation-and-creation>

### AFITE WILL BE REPRESENTED AT POLLUTEC 2014

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During the next POLLUTEC exhibition, AFITE will have a stand dedicated to both AFITE and ENEP.

POLLUTEC 2014, the 26<sup>th</sup> annual international exhibition of environment and energy equipment, technologies and services, will be held between 2<sup>nd</sup> and 5<sup>th</sup> December at the Lyon Eurexpo convention center in France.

POLLUTEC brings together experts from all environment and energy sectors:

- Waste and exploitation of materials
- Water and Wastewater
- Energy
- Instrumentation - Metrology - Automation
- Air
- Risks

- Sites and soils
- Products and sustainable development
- Institutions and national/regional stands

The event offers a range of special events, lectures and discussions on all of these issues with three major focuses: sustainable city solutions, sustainable industry, hospitals and sustainable development.

If you would like to get more information about the event or are interested in participating, please contact Bruno Weinzaepfel, [bweinz@afite.org](mailto:bweinz@afite.org)

[www.pollutec.com](http://www.pollutec.com)

### CIEEM AWARDS 2014

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The 2014 Awards Lunch was held at the Birmingham Botanical Gardens on 26<sup>th</sup> June. The event was hosted by *Absolutely Fabulous* actress Helen Lederer and the guest speaker was well-known environmentalist Professor Chris Baines. Over 140 guests attended to see the presentation of the 13 award winners, which are listed below. For full details on the winners and Highly Commended entries please visit

<http://www.cieem.net/news/187/2014-cieem-award-winners-presented-with-trophies-at-award-ceremony>.

#### CIEEM Medal

- Awarded to Keith Kirby for his Outstanding, Lifelong Contribution to the Advancement of Ecology, Forestry and Woodland Management.

#### Best Practice Award for Practical Nature Conservation

Joint Winners:

- Medmerry Managed Realignment (MMR) Scheme – Environment Agency with RSPB, Team Van Oord, Jacobs and EC Harris
- River of Life – Environment Agency and Earth Trust

#### **Best Practice Award for Innovation**

- Habitats Regulations Assessment Handbook – DTA Publications Limited

#### **Best Practice Award for Knowledge Sharing**

- Habitats Regulations Assessment Handbook – DTA Publications Limited

#### **Best Practice Award for Stakeholder Engagement**

- Medmerry Managed Realignment (MMR) Scheme – Environment Agency with RSPB, Team Van Oord, Jacobs and EC Harris

#### **Tony Bradshaw Best Practice Award**

- Medmerry Managed Realignment (MMR) Scheme – Environment Agency with RSPB, Team Van Oord, Jacobs and EC Harris

#### **Promising Professional Award**

- Octavia Neeves

#### **Outstanding Professional Award**

- Will Bond

#### **NGO Impact Award**

- RSPB - Great Bells Farm Habitat Creation

#### **Corporate Achievement Award**

- University of Greenwich - Biodiversity Management Planning

#### **Undergraduate Student Project Award**

- Scott Mackenzie – How aquatic macro-invertebrate taxa vary within upland streams, in response to three surrounding land uses within Northumberland National Park (Northumbria University)

#### **Postgraduate Student Project Award**

- Jonathan Pearce – Biodiversity offsetting in Oxfordshire: an assessment of challenges and opportunities (Oxford Brookes University)

#### **In Practice Magazine Award**

- Biodiversity Offsetting – by David Hill (September 2013 edition)

### **AFIE CONFERENCE 2013 – A GREAT SUCCESS**

More than 130 students and environmental professionals attended AFIE's event which benefited from the participation of about 40 speakers, including international presentations from Mike Wells (Director at Biodiversity by Design) and Angels Moragues (ENEP BioWG Vice President). Representatives from the French public and private sectors such as the Ministry of Ecology, Sustainable Development & Energy, local authorities, NGOs and business also took part in the event, some of them being both speakers and sponsors.

Biodiversity and strategic development, ecological engineering, green infrastructure and environmental compliance were amongst the subjects discussed, where the speeches presented up-to-date information and case studies. An area dedicated to exhibitors was also established.

We thank everyone for making the event such a great success!

Minutes of the conference and related information are available on AFIE's website:

<http://www.afie.net/spip.php?article484>.



## GREEN WEEK 2014

Green Week 2014, the biggest annual conference on European environment policy, took place in Brussels between 3<sup>rd</sup> and 5<sup>th</sup> June under the theme Circular Economy, Resource Efficiency & Waste. The event turned out to be a big success with over 3000 participants debating how Europe must move from its current linear economic model towards a more circular one.

A big thank you to everyone who helped get ENEP ready for Green Week 2014: the Member Associations that contributed their case studies – COAMB, AIAT and ASEP (Ecosens) – and our business partners, the European Aluminium Association (Returpack case study) and Veolia (Aquiris case study)!

Below you can find an overview of all the case studies presented on ENEP's stand.

### Case study 1 – Bioplastics production (Belgium)

Recovering materials from the effluents of wastewater treatment plants and converting them into valuable bioplastics for industrial uses is now a reality. The first biopolymers have now been produced by the Aquiris prototype. The various pilot components were fully incorporated into the existing facilities without any modification of operating processes. Leveraging this initial success, Aquiris is now working to fine-tune the process and optimize the biopolymer characteristics to ensure that they match the requirements of potential industrial customers.



Further information: [http://veolia-uwws2030.com/doc/Production\\_Bioplastique\\_Aquiris.pdf](http://veolia-uwws2030.com/doc/Production_Bioplastique_Aquiris.pdf)

### Case study 2 – Aluminium recycling (Hungary)

In 2006 the Returpack began developing a special alucan Reverse Vending Machine (RVM) as well as a recycling collection system. The goal of this was to develop a highly effective aluminium can collection system through an automated store-based deposit or waste material management and reverse logistics processes.

The first units and the system itself were brought into circulation in 2007. In 2012, there were over 170 RVMs in Hungary, dozens of which have been functioning for more than 4 years.



Further information: [www.returpack.hu/en](http://www.returpack.hu/en)

### Case study 3 – Food Waste and GHG Reduction through Innovative Consulting and Measures (Switzerland)

Innovation of approach is at least as important as technical innovation. More than a fifth of global GHG emissions are caused by food production and processing. In Switzerland the contribution of gastronomy is almost as high as that of households, and it is at about the same level as the total contribution of production, wholesale trade and processing taken together.

For 6 years the city of Zurich has been running the voluntary advisory

programme 'Ökokompass' (Eco Compass) for SMEs. One main emphasis is on restaurants and other gastronomy businesses. 2 (out of 4) specialised consultants that are involved in the programme belong to Ecosens AG. Through the dissemination of information as well as patient and persistent persuasion, they have already helped dozens of companies reduce their food waste and carbon footprint. These exemplary restaurants are now starting to spread the best practice concept to the rest of the food industry. A citywide trend is to be expected!

The most important strategies and measures are: ideal purchase planning and storage conditions, menu planning: use of all eatable food components, optimisation of portion sizes, giving



leftovers to customers, high quality reuse or disposal of unavoidable food waste, training for all staff, use of local products, declaration of carbon footprint in the menu.

Official contact: Christoph Erdin, [cerdin@ecosens.ch](mailto:cerdin@ecosens.ch)

Further information: <https://www.stadt-zuerich.ch/oeko-kompass.secure.html>

(German),

[http://www.ecosens.ch/content/e/1/liste\\_details.php?ID=212&N1=References&N2=Environmental+planning+%2F+EIA](http://www.ecosens.ch/content/e/1/liste_details.php?ID=212&N1=References&N2=Environmental+planning+%2F+EIA),

#### Case study 4 – Avoiding food waste in Cornellà (Spain)

Cornellà de Llobregat, Spain (88,740 inhabitants) organized a campaign "Cornellà takes advantage of the food" (2011) to avoid food waste. It had two different parts. One addressed at citizenship, and the other was the creation of a micro-network to collect food surplus from some supermarkets

and a local market to be distributed to local people in need. In 2012 the Project was extended with the creation of the "Solidary Store" to supply food leftovers to 600 beneficiary families identified by the social services. In 2013 the municipality extended the plan to take advantage of food surpluses of the distribution and catering sector to provide the "Solidary Store" with products from more supermarkets and other local markets. In addition, the dissemination of information continued through the campaign "Are you wasting or taking advantage?" which included the creation of a video about the store and an information point to promote the reduction of food waste at home.

Currently there are 9 supermarkets and 1 local market participating in the food surpluses micro-network and two other local markets will join shortly. The amount of food managed has been 345.3 kg in 2012 (June-Dec), 3,489.71kg in 2013 and 2.931.34kg in 2014 (Jan-May). The project was a finalist in the waste category of the Spanish award "Ciudad Sostenible" (2013).



Official contact: Virginia Vallve Cadiz, [VVallve@aj-cornella.cat](mailto:VVallve@aj-cornella.cat)

Further information:

<http://www.youtube.com/watch?v=F3AX3rNbawY&feature=youtu.be>

(video),

<http://www.cornella.cat/es/Cornellaaprofitaelaliments.asp>

### Case study 5 – The “GRU” project for an improved waste management within university campuses (Italy)

The Italian Ministry of Environment issued a tender for projects on environmental information and education to be presented by associations and foundations. One of the topics was waste management. The proposals had to be primarily directed at students. In the light of the ongoing waste emergencies in famous Italian cities like Catania and Naples, AIAT kick started and led a project entitled “GRU” (Management and Reduction of Waste in Universities) in collaboration with a number of partners to increase the awareness of this problem, exchange best practice knowledge and improve students’ responsibility with regard to reusing, collecting and disposing of waste. Students from the Polytechnic of Milan, the University of Naples and the University of Catania became involved in the project.

Activities included introductory lessons on waste management and prevention, field visits to waste treatment plants, info points about the GRU project and its objective, and working groups for the improvement of waste management. The ENEP Platform was used to disseminate the project and to collect best practice contributions by European environmental professionals. Some best practices were

collected, analysed and included in the guidelines of the GRU Project.

Some outputs of the GRU project: master thesis on the improvement of waste management in university campuses, 10 rules for waste prevention in university dorms, glossary on proper waste separation, two newsletter issues dedicated to the dissemination of the project, guidelines on waste prevention within campuses and Green Public Procurement (GPP).



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[mario.grosso@polimi.it](mailto:mario.grosso@polimi.it)

Further information: [http://www.green-planet.ro/resources/2014\\_Bucarest\\_Grosso.pdf](http://www.green-planet.ro/resources/2014_Bucarest_Grosso.pdf),  
<http://www.progettogru.it/>  
(Italian)

**Live video streams are available for most of the sessions here:**

<http://webcast.ec.europa.eu/eutv/portal/archive.html?viewConference=23014&catId=22743>

### NEW SCIENTIFIC ARTICLE ON MINIMIZING THE RISKS OF HEAVY METALS FROM THE PLATINUM GROUP BIOLOGICAL WASTE FROM HOSPITALS

Authors:

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**Keywords:** cytostatics, platinum, risk, biological waste, environment

#### INTRODUCTION

Interest in waste drugs in relation to their negative impact on the environment is

ever increasing during last years. Reason for that situation is high production and consumption of drugs in the World and ineffective treatment of sewage containing drugs.

Broad range of pharmaceuticals can be detected in aquatic environment, now. Hospitals use a great variety of substances for medical purposes, as diagnostics as well as for therapy, care and research. Various groups of pharmaceuticals like analgesics, antibiotics, lipid lowering agents, psychotropic drugs, cytostatic agents, contrast media, as well as disinfectants, could be detected in wastewater from hospitals and, to some extent, even in surface and ground water.

The main route of human pharmaceuticals to the environment is through faeces to sewage. Drugs are not easily degraded during wastewater treatment. They may subsequently cause contamination of the environment including the food chain, when sewage

sludge is used as a fertilizer of agricultural land. Possible sources and pathways in aquatic environment are shown in Fig. 1.

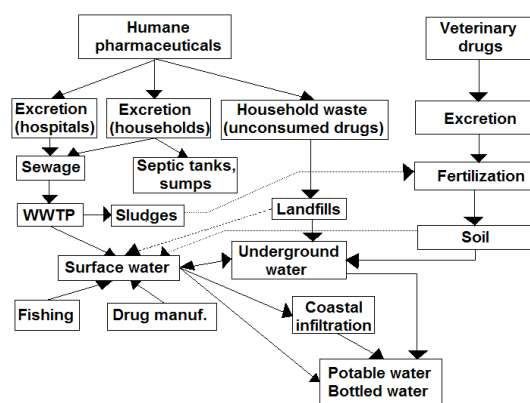


Figure 1 Possible sources and pathways of pharmaceuticals in aquatic environment

To obtain a copy of the full article please contact Libuše Deylová, [libuse.deylova@volny.cz](mailto:libuse.deylova@volny.cz)

**FORTHCOMING EVENTS**

<u>Date</u>	<u>Event</u>	<u>Location</u>	<u>Weblink</u>	<u>Notes</u>
17 September 2014	6 <sup>th</sup> European EMS Forum	Brussels, Belgium	Contact: <a href="mailto:vnu@vnu-ev.de">vnu@vnu-ev.de</a> <a href="http://www.vnu-ev.de">www.vnu-ev.de</a>	Organised by ENEP's EMS Working Group
18 September 2014	ENEP EMS Experts Working Group Meeting	Brussels, Belgium	Contact: <a href="mailto:vnu@vnu-ev.de">vnu@vnu-ev.de</a> <a href="http://www.vnu-ev.de">www.vnu-ev.de</a>	
9-10 October 2014	ENEP Autumn 2014 General Assembly	Brussels, Belgium	TBC	

21-22 October 2014	International VDI Conference – Plastic Waste Recycling 2014	Frankfurt, Germany	Contact: Nora Breuker, <a href="mailto:breuker@vdi.de">breuker@vdi.de</a> <a href="http://www.vdi-international.com/plasticwaste">www.vdi-international.com/plasticwaste</a>	In cooperation with ENEP
5-7 November 2014	7th Symposium on Non-CO <sub>2</sub> Greenhouse Gases	Amsterdam, Netherlands	<a href="http://www.ncgg.info">www.ncgg.info</a>	
11-12 November 2014	CIEEM Autumn Conference 2014	Edinburgh, Scotland	<a href="http://www.cieem.net/events/675/progress-in-effective-habitat-restoration-translocation-and-creation">http://www.cieem.net/events/675/progress-in-effective-habitat-restoration-translocation-and-creation</a>	
2-5 December 2014	POLLUTEC 2014	Lyon, France	Contact: Bruno Weinzaepfel, <a href="mailto:bweinz@afite.org">bweinz@afite.org</a> <a href="http://www.pullutec.com">www.pullutec.com</a>	

## ABOUT ENEP

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ENEP is the European Network of Environmental Professionals, which seeks to promote and coordinate the professional status, level and content of environmental work and of those working in this field.

Its objectives are:

- to be the representative organisation for all Environmental Professionals across Europe;
- to promote and co-ordinate environmental work and environmental professionals while recognizing the separate identities of its member organisations;
- to promote adherence to environmental professional standards as one of the essential prerequisites for achieving sustainability;
- to influence and implement the environmental policy, science and education agenda throughout Europe.



It will do so by being respected for its adherence to sound science rather than political lobbying but will be proactive where supported by scientific or technical evidence. Where possible it will also use its influence within the global context, beyond the European boundaries.

For full statutes and how to become a member association of ENEP, please consult the website: [www.environmentalprofessionals.org](http://www.environmentalprofessionals.org)

The European Network of Environmental Professionals (ENEP) is the trading name of the European Federation of Associations of Environmental Professionals (EFAEP).

**ENEP MEMBERS**

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AFITE, France	COAMB, Spain	VBU, Germany
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AISA, Italy	IES, UK	VMx, Belgium
ASEP, Switzerland	OVED, Belgium	VNU, Germany
ATEGRUS, Spain	REA, Romania	VVM, the Netherlands

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