

Important Dates

- November 15, 2009: Deadline for abstract submission (700 words) via the conference webpage www.orbit2010.gr
- January 15, 2010: Notification of abstract acceptance
- March 1, 2010: 1st Conference Programme on website
- March 31, 2010: Submission of full papers / Early registration deadline
- June 29 to July 3, 2010: ORBIT 2010 Conference

Papers and Posters will be published in the proceedings only if at least one author takes part at the conference.

Conference Fees

Early registration	470€
Members of organisers and supporters	470€
Late registration (after March 31, 2010)	600€
Students	250€
One day admission (ECN / HSWMA workshops)	250€

Fees include: book of abstracts, CD of proceedings, lunches and refreshments during coffee breaks, the welcome reception (June, 29), conference banquet (July, 1) and shuttle service between the hotels and the Conference venue.

Important Notice

- Each accepted paper (oral presentation or poster) should be accompanied by one registration (full or student).
- Each fully registered participant (excluding students) may present up to two papers (oral presentation or poster).

Cancellation Policy

Cancellation of the registration will be possible until the 30th of April 2010, with a cancellation fee of 150€. After that date no refunding will be possible, but we will gladly accept a replacing participant from your organisation.

Organised by

Hellenic Solid Waste Management Association
ORBIT Association
ECN - European Compost Network

In co-operation with

Harokopio University of Athens
Technological Education Institute of Crete
EBA – European Biogas Association
ISWA – International Solid Waste Association
IWWG – International Waste Working Group

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ORBIT 2010



ORGANIC RESOURCES IN THE CARBON ECONOMY

7th International Conference
June 29 – July 3, 2010
in Heraklion, Crete, Greece

First Announcement and Call for Papers

Organised by



In co-operation with



www.orbit2010.gr

Welcome to ORBIT 2010

As concerns over Climate Change grow, the management of a major resource, namely organic waste and residues, in the context of the carbon economy has been selected as the focal point for ORBIT 2010. In global terms organic residues constitute the largest single waste stream. Our aspiration towards a "Recycling Society", recently re-affirmed in the EU Waste Frame work Directive, and climate stabilisation can never be achieved without the extensive and innovative recovery of our organic resources.

Following the tradition of its predecessors, the 7th ORBIT Conference will deal with all aspects of management of many different organic residues: from waste prevention and decoupling, to beneficial recycling of compost and digestate into the soil and energy recovery as methane and hydrogen. The traditional themes of composting and anaerobic digestion – processes, technologies, product quality, and the role of organic matter in combating desertification – remain central to our thinking and we are far from fully understanding how they act and interact. Moreover, new issues emerge, such as the multifaceted and challenging topic of sustainable energy recovery from biomass and the role of soil and carbon sequestration in climate change. The Conference will present high quality, innovative research in all the aforementioned topics, as well as pilot-plant and full-scale experiences and workshops for practitioners on hot topics of organic waste and resources management.

While integrated waste management and organic matter recycling and recovery are crucial for sustainable development and fighting climate change throughout the world, their implementation needs to be adapted to meet specific regional conditions. Special sessions on the Developing Countries, the Mediterranean and the Eastern European Regions will address some of these geographical considerations.

ORBIT 2010 aspires to provide a major scientific forum to cover the latest research findings and policy developments regarding both material and energy recovery from organic waste.

We will be pleased to welcome you to the next ORBIT in June 29 – July 3 2010 in Crete and we promise an interesting scientific and cultural programme with many stimulating discussions and an excellent networking opportunity.

Conference Themes

- Organic waste prevention & awareness raising
- Decoupling of waste production from economic growth
- Separate collection & public involvement
- Composting and anaerobic digestion technologies
- Mechanical-Biological Treatment: technologies, outputs and landfill diversion potential
- Process control
- Facility impacts on the environment
- Compost and digestate quality, standards and assurance
- Biogas/biomethane, upgrading to biofuels and biological hydrogen production
- Quantifying benefits & risks of compost/digestate/sludge use
- Management of specific organic waste-streams (sewage sludge, manures, agricultural residues, etc)
- Renewable energy recovery from biomass
- Soil, carbon sequestration and climate change
- Economic, environmental and social assessment of organic waste management options (LCA, risk assessment, sustainability assessment etc)
- EU policies, strategies & legislation for sustainable organic waste management (e.g. Landfill Directive, Waste Frame - work Directive etc).
- Strategies and concepts for the Mediterranean and Eastern European Regions
- Developing countries issues
- Case-studies and success stories

Conference Host

Host Institution

The ORBIT 2010 Conference will be hosted by the Technological Education Institute of Crete. This is the largest higher education institute of the island with more than 20,000 students, specialising in Engineering, Agricultural Technology, Social Sciences, Economics and Health Science.

Host City

Heraklion is one of the oldest cities in Europe with a history dating back more than 3,500 years. Here you will find the world renowned ruins of the city of Knossos, one of the most visited Archaeological Museums in Europe and a social life only found in the heart of the Mediterranean region.



Social Programme

The Social programme of ORBIT 2010 will take place around the picturesque harbour of Heraklion, with its charming beaches and world renowned archaeological sites. Our intention is to create a memorable experience both inside and outside the conference. Come to meet old friends, make some new ones and enjoy the Cretan hospitality in all its splendour.

Organisation and Committees

Organisation

The conference will be organised in a series of thematically ordered parallel sessions. Each contribution to the conference will be evaluated by three members of the Scientific Committee in order to ensure a high level of scientific and/or practical quality and relevance.

All contributions accepted for publication and presented at the conference will be included in the official conference proceedings of ORBIT 2010.

As a new feature, ORBIT 2010 will be supplemented by workshops organised by the European Compost Network (ECN), for the practitioners in biological waste management and resource recovery and use in Europe.

Selected high quality and original contributions will be published in special issues of peer reviewed Journals.

Organising Committee

K.E. Lasaridi, Dr., Greece (Chair)
T. Manios, Dr., Greece (Chair)
W. Bidlingmaier, Prof. Dr.-Ing. habil., Germany (Chair)
M. de Bertoldi, Prof., Italy
L. F. Diaz, Dr., United States of America
E.I. Stentiford, Prof., UK
J. Barth, Dipl.-Ing., Germany

Scientific Committee

The Scientific Committee consists of over 30 members from 4 continents, all renowned scientists and professionals in the field of organic waste and resource management.