



## **ISWA Beacon Conference:**

### **“Biological treatment of biowaste**

***Composting, Anaerobic Digestion, MBT:  
challenges, opportunities, innovative strategies”***

**Perugia (Italy), 10-12<sup>th</sup> May 2006**

10.00am- 13.00pm, Wednesday 10<sup>th</sup> of May.

#### **Session 1 - Strategies for the management of biowaste**

- Management of biodegradables in the light of international environmental drivers  
*Enzo Favoino, Chair ISWA WGBTW*
- A review of approaches for the diversion of biodegradables from landfills :
  - some case-histories regarding National Strategies
  - The Italian Strategy for diversion of biodegradables from landfills
  - Practical Strategies in new Member States*Marco Ricci, Scuola Agraria del Parco di Monza*  
*Josef Barth, Managing Director ECN*
- Life-Cycle implications of biological treatment  
*Konrad Schleiss, Umwelt und Kompostberatung*

14.00-16.00 pm, 10<sup>th</sup> of May

#### **Session 2 - The aerobic way: composting**

- Biological Treatment: features, trends and challenges  
*Martin Steiner, TBU*
- Process Optimisation and Assessment of stability  
*Federico Valentini, GESENU*
- Strategies for odour Management at compost sites  
*Jean-Luc Martel, SUEZ Environnement*
- The Austrian Approach – a mix of centralised-decentralised  
*Martina Ableidinger, MA48, City of Vienna*



16.00pm-17.30pm, 10<sup>th</sup> of May

### **Session 3 - The anaerobic option**

- Process performances, and conditions for application of AD to different feedstocks  
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*Franco Cecchi, University of Verona*
- Case histories: status and trends of anaerobic digestion in some Countries  
*Winfried Six, OWS*

09.30 am-10.00 am, Thursday 11<sup>th</sup> of May

### **Presentation of the ISWA Book “Status and Trends of Biological Treatment “**

*Martina Ableidinger, MA48, city of Vienna*

10.00 am-13.00 am, 11<sup>th</sup> of May

### **Session 4 - Management of residuals: the MBT option**

- the role of MBT as a flexible option for treatment of residuals  
*Enzo Favoino, Chair ISWA WGBTW*
- An assessment of MBT across Europe  
*Martin Steiner, TBU*
- The need to codify acceptance and loss of biodegradability: various approaches  
*Wolfgang Mueller, IGW*
- In-situ stabilisation of landfilled waste  
*Torleif Bramryd, University of Lund, and Gustav Tham, TELGE*
- Landfilling MBT outputs: implications on landfill design  
*Peter Lechner, BOKU Vienna*
- Conditions and pilots for application of low-grade MBT outputs  
*Mario Businelli, Giovanni Gigliotti, University of Perugia*

14.00pm-16.00 pm, 11<sup>th</sup> of May

### **Session 5 - City to soil: a strategy for safe and beneficial application**

- Increasing benefits: the Soil Strategy and related concepts for safe and beneficial application  
*Florian Amlinger, Kompost Entwicklung und Beratung*
- An overview of strategies, systems for separate collection and related outcomes  
*Dominic Hogg, EUNOMIA*



- Case-histories
  - experiences and strategies in advanced Countries  
*Marco Ricci, Scuola Agraria del Parco di Monza*
  - Pilots in Eastern Europe  
*Jan Habart, CZ BIOM*

16.00pm-17.30pm 11<sup>th</sup> of May

### **Session 6 - The added value of biological treatment: quality and marketing of outputs**

- An overview of marketing strategies and quality requirements in different applications  
*Josef Barth, Managing Director, ECN*
- Compost markets: an overview  
*Morten Broegger, SOLUM, Chair of ECN*
- Quality Assurance as a tool to enhance marketing opportunities  
*Stefanie Siebert, BGK*

### **Special Event: 1st Meeting of European National Composting Associations to discuss Quality Assurance Systems.**

**In cooperation with Consortium of Italian Compostors and the European Composting Network**

The meeting will be held on Friday 12<sup>th</sup> of May and will be in two separate sessions.

Introduction to the day's objectives

#### **Session One, Quality Assurance Systems (09.30 am- 12.30 pm)**

In the first session representatives of national composting associations throughout Europe are invited by CIC to discuss the application of Quality Assurance Systems in place in their own countries. This session intends to be a first attempt to find common elements within these systems that can be harmonised at an EU level and at the same time provide useful guidelines to those countries currently without QA systems in place.

*Speakers:*

- *Bertram Kehres, BGK (GER)*
- *Jane Gilbert, TCA (UK)*
- *Massimo Centemero (ITA)*
- *Laszlo Alexa (HUN)*
- *Henrik Lystad, NRF (NOR)*
- *Lorraine Herity, CRE' (IRE)*



- *Ward Devliegher, VLACO (BEL)*

## **Session Two, The role of statutory and voluntary standards (13.30pm- 16.00pm)**

In view of the European Waste Framework Directive's intention to have quality standards for compost in place by 2008-9 it is of priority importance that the national associations representing their members come together to find common ground on quality criteria and later, on technical standards. This meeting is a first step to identify differing needs within the EU in terms of compost application, as a basis for later discussion on standards.

Some themes that will be raised:

- Specific issues and needs in the South of Europe  
*Fabio Tittarelli, Istituto Superiore Nutrizione Piante*
- Specific issues and needs in the North of Europe  
*Josef Barth, Managing Director ECN*
- The forthcoming EU Biowaste legislation: expectations concerning standards  
*Florian Amlinger, Kompost Entwicklung und Beratung*

In both sessions invited speakers will make presentations leaving delegates much time available for in-depth discussions.