



In Zusammenarbeit mit  
**wasteconsult**  
INTERNATIONAL

**Congress Centre Hanover**  
29<sup>th</sup> of February – 2<sup>nd</sup> of March 2012



**International 9<sup>th</sup> ASA-Recycling Days**  
**MBT as a Supplier of Secondary Raw Materials**

Conference – Exhibition – Site Visits

Simultaneous Translation German - English

Patronage:  
Dr. Norbert Röttgen  
German Minister of Environment

[www.asa-ev.de](http://www.asa-ev.de)

ASA GmbH  
Westring 10  
59320 Ennigerloh  
Germany

Supported by



**Association for Material Specific Waste Treatment ASA e.V.**

## Wednesday, 29<sup>th</sup> of February 2012

### Welcome

- 9:00 Welcome by the organiser**  
Th. Grundmann, ASA GmbH (D)
- 9:10 Welcome by the patron**  
MinDir. Dr. H. Wendenburg, German ministry of environment (D)

### Block I: Introduction

Chairman: Prof. M. Nelles

- 9:30 MBT in Germany and Europe: Current situation, development and perspectives**  
Prof. M. Nelles, University of Rostock (D)
- 9:50 From waste to resource and finance management**  
E. Weinberg, Commerzbank (D)
- 10:10 The contribution of MBT to climate and resource protection**  
Dr. K. Ketelsen, iba Ingenieurbüro für Abfallwirtschaft und Energietechnik GmbH (D)
- 10:30 MBT in the United Kingdom**  
Ph. Russel, (UK)
- 10:50 Discussion**

### 11:05 Coffee break

### Block II: Political, legal and economical frame conditions

Chairman: Th. Grundmann

- 11:30 Implementation of the EU Waste Framework Directive in Germany**  
MinDir. Dr. H. Wendenburg, German ministry of environment (D)
- 11:50 Chances and risks for municipal enterprises**  
P. Hasenkamp, association of municipal enterprises. (VKU) – section waste management and street cleaning VKS (D)
- 12:10 Consequences of the European IE-Directive for waste treatment plant operators**  
Dr. S. Meyer, BTU Cottbus (D)
- 12:28 Revision of the European Reference Document on Best Available Techniques for the Waste Treatments Industries: What do MBT operators have to expect?**  
Dr. M. Kühle-Weidemeier, Wasteconsult international (D)
- 12:45 Discussion**

### 13:00 Brunch in the exhibition area

- 14:00 Marketing of German Recyclingtechnology**  
N. Denz, VDMA Verband Deutscher Maschinen- und Anlagenbau e. V. (D)
- 14:20 Transferability of waste management concepts and technologies**  
Prof. K. Fricke, CRReD Center for Research, Education and Demonstration in Waste Management e. V. (D)
- 14:40 Discussion**

### 14:55 Coffee break

### Block III: Consequences of new frame conditions

Chairman: Prof. K. Gellenbeck

- 15:20 Quota is not quota. Basics for the estimation of recycling quotas**  
Dr. K. Ketelsen, iba Ingenieurbüro für Abfallwirtschaft und Energietechnik GmbH (D)
- 15:40 Influence of the revised German waste law on the source separated collection of organic waste and recyclables**  
Dr. G. Becker, INFA - Institut für Abfall, Abwasser und Infrastruktur-Management GmbH (D)
- 16:00 Adopting waste fees to changing materials flows**  
Prof. K. Gellenbeck, INFA - Institut für Abfall, Abwasser und Infrastruktur-Management GmbH (D)
- 16:20 Developments in the trade of emission certificates (CDM)**  
Prof. P. Oligmüller, für VIK Verband der Industriellen Energie- und Kraftwirtschaft e. V. (D)
- 16:40 Tightening of requirements for co-incineration and refining of waste derived fuels (SRF / RDF)**  
J. Geiping, Gütegemeinschaft Sekundär-brennstoffe und Recyclingholz (BGS) e. V. (D)
- 17:00 Material recovery is sensibly amended by incineration – Example mtm Group**  
Dr. M. Scriba, mtm plastics GmbH (D)
- 17:15 Material recovery as an alternative to incineration – Example eing Kunststoffverwertung**  
Dr. D. Textor, eing Kunststoffverwertung (D)
- 17:30 Discussion**

**Dinner / evening event at 19:00 h**

## Wednesday, 29<sup>th</sup> of February 2012

### Session B

Parallel session in English language only

Chairman: Dr. M. Kühle-Weidemeier

- 14:00 The 10 commandments of waste**  
Ph. Russel, (UK)
- 14:30 Design and commissioning of MBT plants. What to consider and what to avoid**  
Dr. I. Steinberg, Eggersmann Anlagenbau (D)
- 14:55 Coffee break**
- 15:30 Greater Manchester: World's largest agglomeration of MBT plants.**  
N.N. (UK)
- 16:00 The full flow wet anaerobic MBT plant in Malta**  
N.N. Wasteserv Malta, Malta
- 16:30 MBT plant with dry anaerobic digestion in Angers**  
L. Vicioz, P. Turba, Vinci environnement (F)
- 17:00 Short break**
- 17:15 Current status and future role of MBT in Italy**  
Prof. F. Adani, Ricicla Group (I)
- 17:45 Where to put the high calorific output fractions of MBT plants**  
Dr. M. Kühle-Weidemeier, Wasteconsult international (D)

**Dinner / evening event at 19:00 h**

## Site visit on Friday, 2<sup>nd</sup> of March 2012

9:00 - ca. 15:30 h

### MBT Pohlsche Heide (Hille)

Packed lunch included

MBT with dry digestion and organic waste processing and composting plant with tunnel anaerobic digestion. Short description of the plant on the ASA website and in the collection of German MBT plant characteristics available on the conference.

## Thursday, 1<sup>st</sup> of March 2012

### Block IV: Development potential of MBT technology

Chairman: Dr. K. Ketelsen

- 9:00 Flexible management for parallel, separate treatment of organic and residual waste in one plant at the waste management centre Rhein-Lahn**  
G. Müller, Rhein-Lahn-Kreis (D)
- 9:20 Conversion of MBT elements for the treatment of other kinds of waste**  
J. Deubig, ZAK - Zentrale Abfallwirtschaft Kaiserslautern (D)
- 9:40 MBT with integrated utilisation of organic waste**  
E. Eitner, IWA – Ingenieurgesellschaft für Industriebau, Wasser- und Abfallwirtschaft mbH (D)
- 10:00 Extraction of recyclables for reuse from mixed collection**  
Dr. M. Monzel, Zweckverband Abfallwirtschaft im Raum Trier (A.R.T.) (D)
- 10:20 Dieselwest – Realisation of an industrial prototype of a plant for production of oil from the high calorific waste fraction**  
Ch. Haupts, ALPHAKAT Engineering GmbH (D)
- 10:40 The utilisation of selected MBT output fractions in the Concord Blue Reformer**  
Dr. H.-J. Mühlen, S. Flahs, Blue Tower GmbH (D)
- 11:00 The role of MBT in removal and mining of landfills**  
Prof. St. Gäth, Prof. B. Gallenkemper\*, Justus-Liebig-University of Gießen (D), \*INFA – Insti. f. Abfall, Abwasser und Infrastruktur-Management GmbH (D)
- 11:35 Discussion**
- 11:50 Coffee break**

### Block V: Optimisation of MBT

Chairman: Dr. M. Kühle-Weidemeier

- 12:10 Example MBT Pohlsche Heide (dry AD)**  
Th. Kropp, Gesellschaft zur Verwertung organischer Abfälle mbH & Co. KG (GVoA) (D)
- 12:30 Example MBT Südniedersachsen (wet AD)**  
M. Rakete, Abfallzweckverband Südniedersachsen (D)
- 12:50 Example MBS ZAB Nuthe-Spree (biological drying)**  
H. Lingk, Zweckverband Abfallbehandlung Nuthe-Spree (ZAB) (D)

## Thursday, 1<sup>st</sup> of March 2012

**13:10 Brunch in the exhibition area**

- 14:00 Example MPS Chemnitz (physical drying)**  
U. Römer, AWVC Abfallverwertungsgesellschaft mbH
- 14:20 Optimisation of resource efficiency of MBTs with exhaust gas cleaning by regenerative thermal oxidation (RTO)**  
Prof. O. Carlowitz, CUTEC - Clausthaler Umwelttechnik-Institut GmbH (D)
- 14:40 Discussion**
- 14:55 Coffee break**
- Block VI: Anaerobic digestion (AD) of separately collected organic waste (Biowaste) - Operational experience with different technologies**  
Chairman: Prof. B. Gallenkemper

- 15:20 Introduction**  
Prof. B. Gallenkemper, INFA - Institut für Abfall, Abwasser und Infrastruktur-Management GmbH (D)
- 15:30 Example composting plant Warendorf**  
A. Oechtering, Kompostwerk Warendorf (D)
- 15:45 Example composting plant Pohlsche Heide**  
B. Schulte, Gesellschaft zur Verwertung organischer Abfälle mbH & Co. KG (GVoA) (D)
- 16:00 Example composting plant Gütersloh**  
S. Böhme, Kompostwerk Gütersloh KOMPOSTEC Kompostierungsanlagen GmbH (D)
- 16:15 Experience with continuous dry digestion at Hopstätten (views of technology supplier and operator)**  
T. Baumann, F. Schwarz\*; STRABAG Umwelthanlagen GmbH (D), \*VEOLIA Umweltservice West GmbH (D)
- 16:30 Optimised treatment of organic waste at the AD plant in Leonberg (distr. Böblingen)**  
R. Sendersky, AWB Böblingen (D)
- 16:45 Extension of a composting plant by an anaerobic step**  
J. Hezel, Abfallentsorgung Kreis Kassel (D)
- 17:00 Preparation of organic waste for wet AD**  
Dr. M. Wellacher, KOMPTECH GmbH (AT)
- 17:15 AD of organic waste by a discontinuous batch process**  
N.N., BIOFerm GmbH (D) (asked)
- 17:30 Discussion**
- 17:45 End of the ASA Recycling-Days**

## Terms and Conditions

### Organiser:

ASA GmbH, Westring 10, 59320 Ennigerloh, Germany. Internet: [www.asa-ev.de](http://www.asa-ev.de), in co-operation with Wasteconsult international

### Congress Location:

Hannover Congress Centrum, Theodor-Heuss-Platz 1-3, 30175 Hanover. HCC is located in an environmental zone. Cars require a green German environmental sticker for access. More information and arrival map at [www.hcc.de](http://www.hcc.de)

### Registration and Cancellation:

Registration has to be in written form or can be done online at [www.asa-ev.de](http://www.asa-ev.de). After registration you will receive the invoice. After reception of the payment the conference ticket will be sent to you. You will only get access to the conference by presenting this ticket at the entrance or cash payment (no credit cards) on site. If you are unable to attend, the ticket can be transferred to another person after consultation of ASA GmbH. Cancellation: If cancellation is done until the 31<sup>st</sup> of January 2012 (mail arrival stamp at ASA or reception of FAX or email), we will charge an administration fee of 75 €. Afterwards the full fee will be invoiced.

### Accommodation (reduced prices for participants!):

Special accommodation rates are available until the 27<sup>th</sup> of January 2012 via [www.asa-ev.de](http://www.asa-ev.de) topic *ASA Recycling Days* or via Hannover Marketing & Tourismus GmbH, [www.hannover.de](http://www.hannover.de), topic *Economy & Business / Trade Fairs & Conventions*, email: [hotels@hannover-tourismus.de](mailto:hotels@hannover-tourismus.de), Tel.: + 49 511 112345-555.

### Participation Fee

Participation fee includes the following: Conference proceedings (either in English or in original language), presentations with simultaneous translation (Ger-En / En-Ger), parallel international workshop / session B (English only), beverages in conference breaks, lunch, evening event with buffet and drinks on the 29<sup>th</sup> of January at the restaurant Meyers Hof.

### Parallel Exhibition:

If you like to participate as an exhibitor, please contact the organiser (refer to column *registration*).

### Further Terms and Conditions:

By registration you bindingly accept the terms and conditions. Closing date is the 20<sup>th</sup> of February 2012. In case of availability, tickets will be sold at the cash register on site too. Claims for compensation against the organiser are excluded. If the event has to be cancelled due to unforeseen reasons, registered participants will be informed immediately. In this case, the organiser is only reliable to refund already paid conference fees. Conference programme and sequence are subject to alterations without prior notice.

More information and programme updates at [www.asa-ev.de](http://www.asa-ev.de)

## Registration

### Information, Registration & Organisation:

Mr. Michael Balhar & Ms. Christiane Ebeling  
ASA GmbH, Westring 10, 59320 Ennigerloh, Tel.: +49 2524 9307-18, Fax: -12, Mobile: +49 151 17428680, email: [info@asa-ev.de](mailto:info@asa-ev.de), internet: [www.asa-ev.de](http://www.asa-ev.de)

### Binding registration to the Int'l 9<sup>th</sup> ASA Recycling Days

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Company / Institution

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Name, First Name, Mr. / Ms.

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Street, Number

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Post Code, City, Country

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Phone, Fax

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Email

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VAT-ID

1. I need a headphone for simultaneous translation  
 Yes  No
  2. I will participate in the site visit of MBT Pohlsche Heide  
 Yes  No
  3. I would like to get the conference proceedings in  
 English (completely)  Original language (Ger./En.)
- Regular participation fee\* 377 € \*\*  
 Members of ASA, BGS, CReED, ECN, VKU \* 350 € \*\*  
 Delegates from authorities\* 350 € \*\*  
 Day ticket, date: \_\_\_\_\_ \* 215 € \*\*  
 Students\* 50 € \*\*\*  
 Site visit \* 25 € \*\*

\* **All fees plus VAT.** I will pay the fee within 14 days after reception of the invoice. I acknowledge and confirm the terms and conditions of the ASA GmbH by this registration.

\*\* 10 % Discount on registrations until the 15<sup>th</sup> of January 2012 (date of post stamp or reception of FAX or email).

\*\*\* Student fee requires the presentation of a certificate of enrolment at the time of registration. Early bird discount does not apply on student fees. The student ticket does not include the participation in the evening event.

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Date (stamp) and signature