



## Waste-to-Energy

**October 12 and 13, 2015**  
**Vienna Marriott Hotel**  
**Parking 12a – 1010 Vienna, Austria**

**updated  
programme**

### Issues

#### International Development

**EU policies • Country reports • Strategies • Financing and funding**

#### Waste Incineration

**State of the art • Experience in plant construction and operation**  
**Flue gas treatment • Recycling of incineration residues**

#### Alternative Waste-to-Energy Processes

**Mechanical-biological waste treatment • Solid recovered fuels**  
**Pyrolysis and gasification • Example plants and experience**



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Vienna University of Technology, Institute of Process Engineering, Environmental Technology and Technical Biosciences, Austria

**Senol Yildiz, Ph. D.**

Deputy General Manager of Istanbul Environmental Management, Industry and Trading Company (Istaç A.Ş.), Turkey

## Plenary Session

- **9:00** **Welcome Address** Professor Dr. Franz Winter, Vienna University of Technology  
**Opening Remarks** Elisabeth Thomé-Kozmiensky, M.Sc.

### Policies

PRESENTATION: PROFESSOR DR. FRANZ WINTER

- **9:10** **Circular Economy: Resources and opportunities**  
Dr. Andreas Bartl, Vienna University of Technology  
Vice Chair of ISWA Working Group Recycling and Waste Minimisation
- **9:40** **The roadmap of Turkey on waste management** p. 79  
Ahmet Varir, Head of Waste Management Department, Demet Erdoğan  
DG of Environmental Management, Ministry of Environment and Urbanization, Ankara, Turkey
- **10:10** **Review of the best available techniques (BAT) reference document (BREF) for waste incineration – Current status and trends –** p. 13  
Ing. Gianluca Cusano, European IPPC Bureau (EIPPCB)  
European Commission, Joint Research Centre, Seville, Spain

### 10:40 Coffee Break

PRESENTATION: ATTORNEY DR. JUR. ALEXANDER STEFAN RIEGER

- **11:15** **Current developments in European Waste-to-Energy** p. 3  
President Ferdinand Kleppmann  
CEWEP – Confederation of European Waste-to-Energy Plants, Würzburg, Germany
- **11:45** **Update on the Waste Incineration BREF revision** p. 17  
Patrick Clerens, Secretary General of European Suppliers of Waste to Energy Technology (ESWET), Brussels, Belgium

### Strategy and Financing

- **12:15** **Structuring and financing projects for waste disposal in emerging markets: The experience with the PPP project of Poznan/Poland**  
Stéphane Heddeshheimer, CEO Europe & CIS, SUEZ environnement, Paris La Defense Cedex, France
  - **12:45** **Waste-to-Energy projects in emerging markets: Lessons learned from realized international projects** p. 33  
Attorney Dr. jur. Alexander Stefan Rieger, Hogan Lovells International LLP, Frankfurt am Main, Germany
  - **13:15** **Lunch Break**
- PRESENTATION: PROFESSOR DR. TECHN. HELMUT RECHBERGER
- **14:30** **Advanced urban mining: A summary of the state of the art of metal recovery out of dry bottom ash** p. 293  
Dr. René Müller, Managing Director of ZAV Recycling AG, Hinwil, Switzerland  
Dipl.-Ing. Markus Wieduwilt, Member of the Management and Technical Manager Thermal Energy Systems, TBF + Partner AG Consulting Engineers, Zurich, Switzerland

### Country Reports

- **15:00** **Possibilities of development of municipal waste recycling and incineration in Poland** p. 47  
Dr. Beata B. Kłopotek, Counsellor to the Minister, Department of Waste Management, Ministry of the Environment, Warsaw, Poland
  - **15:30** **Situation and waste management strategy of the Czech Republic and experience in planning, construction and operation of WtE and SRF plants** p. 59  
Professor Ing. Dagmar Juchelková, Ph. D. Technical University of Ostrava (VŠB), Head of the Department Energy Engineering and Research Manager of the Centre ENET Czech Republic
  - **16:00** **Coffee Break**
- PRESENTATION: DR.-ING. STEPHANIE THIEL
- **16:30** **State of municipal waste management in EU Member States depending on the standard of living** p. 67  
Professor Dr.-Ing. Oktay Tabasaran, em. university teacher, University of Stuttgart, Germany
  - **17:00** **Markets for solid waste management in Arabic countries** p. 85  
Adj. Professor Dr.-Ing. habil. Abdallah Nassour  
Department of Waste Management in Arab Countries, University of Rostock, Germany
  - **17:30** **Waste-to-Energy in China: Status and prospects** p. 99  
Professor Dr. Rundong Li, Dean of the Faculty of Energy and Environment  
Shenyang Aerospace University, Shenyang, China
  - **19:30** **Evening Reception**

## Waste incineration

PRESENTATION: PROFESSOR DIPL.-ING. DR. TECHN. HARALD RAUPENSTRAUCH

**8:30** **Key note lecture: Waste incineration plants – State of the art** p. 109  
 Dipl. Natw. ETH Trimurti Irzan, Member of the Management  
 of TBF + Partner AG, Consulting Engineers, Zurich, Switzerland

### Book contributions

**Cost optimizing through use of flexible grate systems  
 in combination with modern boiler concepts** p. 129

Dipl.-Ing. Jochen Poschlod, Dipl.-Ing. Werner Auel  
 MH Power Systems Europe Service GmbH, Duisburg, Germany

**State-of-the-Art corrosion and erosion protection of membrane walls  
 illustrated on application at industrial power plant Andernach  
 and power plant Elberfeld** www.vivis.de

Dr. Daniel Spälenka, Head of Industrial Boiler Sales  
 ALSTOM Power GmbH, Stuttgart, Germany

### Example plants and experiences in the plant construction and operation

**9:15** **Thermal waste treatment plant Spittelau** p. 147  
 – **New construction to the existing plant –**

Dipl.-Ing Christian Jonas, MH Power Systems Europe Service GmbH, Duisburg, Germany  
 Dipl.-Ing. Dr. Philipp Krobath, Ing. Erich Pawelka, Ing. Ulrich Ponweiser, Wien Energie GmbH  
 Dipl.-Ing. Martin Höbler, MH Power Systems Europe Service GmbH, Duisburg, Germany

**9:45** **Optimizing the energy efficiency** www.vivis.de  
**at the Vestforbreanding Waste to Energy plant in Copenhagen**

Christian Riber, K. Kahle, C. Hindsgaul, Ramboll Group A/S, Copenhagen, Denmark  
 Dipl.-Ing. Oliver Cencic, Ass. Professor Dipl.-Ing. Dr. techn. Johann Fellner  
 Vienna University of Technology, Austria

**10:15** **Operating experience from the world largest waste fired circulating** p. 167  
**fluidized bed reactor in Västerås, Sweden**

Dr. Markus Bolhär-Nordenkampf, Managing Director, Valmet GesmbH, Vienna, Austria  
 Tapani Nummelin, Jussi Viljanen, Tero Luomaharju, Valmet Technology Oy, Tampere, Finland

**10:45** **Coffee Break**

PRESENTATION: DR.-ING. HABIL. EUR. ING. TADEUSZ PAJAK

**11:15** **Decentralised waste incineration plant R. Vandhoo in the north of the Maldives** p. 179  
 – **Project experience, energy use and first operating results –**

Dr.-Ing. Heinz Lorson, Managing Director of SPS Energie GmbH, Munich, Germany  
 Dipl.-Ing. Chakir Kasdarli, Kocks Consult GmbH, Koblenz

### Flue gas treatment

**11:45** **Key note lecture: Flue gas treatment – State of the art** p. 193

Dr.-Ing. Margit Löschau, Managing Director  
 of wandschneider + gutjahr ingenieurgesellschaft mbh, Hamburg, Germany  
 Professor Dr.-Ing. Rudi Karpf, President of ete.a Ingenieurgesellschaft  
 für Energie- und Umweltengineering & Beratung mbH, Lich, Germany

### Book contributions

**SNCR for low NO<sub>x</sub> emissions** p. 221  
 – **Case study of a Swedish Waste-to-Energy plant –**

Managing Director Dr.-Ing. Wolfgang Schüttenhelm  
 Dipl.-Ing. Philip Reynolds  
 ERC Technik GmbH, Buchholz i.d.N., Germany

**New developments of an effective SNCR control system** p. 239  
**incorporating the NO<sub>x</sub> mass flow profile**

Dipl.-Ing. Bernd von der Heide  
 Managing Director of Mehldau & Steinfath Umwelttechnik GmbH, Essen, Germany

**Simple and effective – the conditioned dry sorption process** p. 253  
**for flue gas treatment downstream waste incinerators**

Dipl.-Ing. Rüdiger Margraf  
 Managing Director of Lühr Filter GmbH & Co. KG, Stadthagen, Germany

### Recycling of incineration residues

**12:30** **Key note lecture: Treatment of bottom ashes of Waste-to-Energy installations** p. 271  
 – **State of the art –**

Drs. Frans Lamers, Senior Consultant  
 DNV GL Group, Arnheim, Netherlands

**13:00** **Survey on synergies for improved ash treatment** p. 305  
**at several Bavarian Waste-to-Energy plants**

Dr. Karsten Wambach, Dipl.-Chem. Hermann Nordsieck  
 Managing Director Professor Dr.-Ing. Wolfgang Rommel  
 bifa Umweltinstitut GmbH, Augsburg, Germany

**13.25** **Notes on the Thematic Networking**

**13:30** **Lunch Break**

**15:00** **Thematic Networking**

- **Policies and strategies**
- **Waste incineration, flue gas treatment and utilization of residues**
- **Exchange of experience – grate/fluidised bed/rotary kiln**
- **Mechanical-biological waste treatment and solid recovered fuels**
- **Pyrolysis and gasification**

## Alternative Waste-to-Energy processes

### Mechanical (-Biological) Waste Treatment and Solid Recovered Fuels

PRESENTATION: EM. O. PROFESSOR DR.-ING. KARL E. LORBER

- **8:30**     **Key note lecture: Mechanical-biological waste treatment and utilization of solid recovered fuels – State of the art** p. 321  
Dr.-Ing. Wolfgang Müller, Professor Dr.-Ing. Anke Bockreis, Vice Rector for Infrastructure University of Innsbruck, Austria
- **9:15**     **Mechanical-biological treatment of municipal waste in Poland – dominating technologies and their efficiency in diverting waste from landfills –** p. 349  
Assistant Professor Dr.-Ing. Emilia den Boer  
Section of Waste Technology and Land Reclamation  
Wroclaw University of Technology, Poland
- **9:45**     **Change of mechanical-biological waste treatment in Austria** p. 363  
Dipl.-Ing. Josef Mitterwallner, Official Expert of Waste Management  
Univ.-Lektor Hofrat Dipl.-Ing. Dr. techn. Wilhelm Himmel,  
Sustainability Coordinator of Styria, Office of Styrian Government  
Department of Waste Management and Sustainability, Graz, Austria

### Example plants and experience in the plant construction and operation

- **10:15**    **Mechanical-biological stabilization plant in Trier – Biological drying and recovery of recyclable materials –** p. 375  
Dr. Maximilian- G. Monzel, Managing Director of Zweckverband Abfallwirtschaft im Raum Trier (A.R.T.), Germany
- **10:45**    **Coffee Break**
- **11:15**    **Mechanical-biological treatment plant in Hanover, Germany – experience in mechanical processing, anaerobic digestion and refuse derived fuel quality –** p. 387  
Dr. rer. nat. Beate Vielhaber  
Aha Abfallwirtschaft Region Hannover, Germany
- **11:45**    **Production of solid recovered fuels in the ThermoTeam plant in Retznei, Austria – Experience, quality and quality assurance of SRF –** p. 399  
Dipl.-Ing. Dr. mont. Renato Sarc, Chair of Waste Processing Technology and Waste Management, University of Leoben, Austria

### Analysis of solid recovered fuels

- **12:15**    **Real-time analysis of solid recovered fuels using sensor technology** p. 339  
Dipl.-Ing. Peter Krämer M.Sc., Professor Dr.-Ing. Sabine Flamme  
Münster University of Applied Science, Germany

### Pyrolysis and gasification

- **12:45**    **Key note lecture: Pyrolysis and gasification – State of the art** p. 415  
Professor Dr.-Ing. Peter Quicker  
Unit of Technology of Fuels, RWTH Aachen, Germany

### Example plants and experience in the plant construction and operation

#### Book contributions

- **Shaft furnace type gasification and direct melting system – Technology, input flexibility, operational characteristics and emissions –** p. 439  
Nobuhiro Tanigaki, M. Sc., Chief Technical Manager,  
Nippon Steel & Sumikin Engineering Co., LTD.
- **High-temperature gasifying and direct melting system for energy and material recovery from any type of wastes** p. 453  
Masato Katafuchi, Technical Manager  
JFE Engineering Europe GmbH, Duisburg, Germany

- **13:25**    **Notes on the Thematic Networking**

- **13:30**    **Lunch Break**

- **15:00**    **Thematic Networking**

- **Policies and strategies**
- **Waste incineration, flue gas treatment and utilization of residues**
- **Exchange of experience – grate/fluidised bed/rotary kiln**
- **Mechanical-biological waste treatment and solid recovered fuels**
- **Pyrolysis and gasification**

## Plant-Overview – Brochure *We Serve Vienna*

Tour surveying plant in Vienna (guided tour in English):

### Pfaffenuau waste incineration plant

Since autumn 2008, the **Pfaffenuau waste incineration plant** (German acronym “MVA”) has been producing approx. 410 GWh (gigawatt hours) of district heat and 65 GWh of electricity from approx. 250,000 tonnes of residual waste annually, thereby supplying approx. 50,000 Viennese households with district heating and approx. 25,000, with electricity. A four-stage flue gas scrubbing plant decreases emissions to a minimum.



### Waste logistics centre

**Simmering waste logistics centre** (German acronym “ALZ”): the most recent element of the comprehensive waste disposal system of Vienna is provided by the new Pfaffenuau waste logistics centre in the 11th municipal district Simmering. This high-tech installation adjacent to the Pfaffenuau waste incineration plant serves for the processing and interim storage of residual and bulky waste. If necessary, the pre-treated, compacted waste is wrapped in airtight bales and stored until incineration without releasing unpleasant odours. This ensures reliable disposal even in case of repairs or downtimes at waste incineration plants. The facility ensures that all waste collected can be properly disposed of, irrespective of the waste volume or capacity utilisation of Vienna’s waste incineration plants.

### Rinter Tent

The **Rinter Tent** (or “MA 48 Tent”) is the central hub of separate recyclable collection. This is where the various fractions are re-sorted, stored on an interim basis and then sent on by rail for further processing. Problematic waste is likewise sorted and stored here temporarily at a special collection point before recycling or final disposal. **Waste incineration residues (ash and slag) are demetallised and converted into slag-ash concrete.**



### Biogas plant

The **biogas plant** went into operation in 2007 and is run by the Vienna Municipal Department for Waste Management, Street Cleaning and Vehicle Fleet (MA 48). The facility processes about 22,000 tons of kitchen waste every year – mainly the contents of organic waste containers in Vienna’s inner-city districts, as well as leftover food from restaurants, canteens and industrial kitchens, market waste and expired food. The moisture content of these materials is high enough to allow for fermentation.

## Speakers, Authors and Presenters



Patrick Clerens



Ing.  
Gianluca Cusano



Assistant Professor  
Dr.-Ing.  
Emilia den Boer



Dr.  
Markus  
Bolhár-Nordenkampf



Dipl.-Ing.  
Markus Gleis



Stéphane Heddeshimer



Dipl. Natw. ETH  
Trimurti Irzan



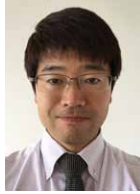
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Ph. D.



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Dr.-Ing.  
Rudi Karpf



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Dr.  
Beata B. Klopotek



Dipl.-Ing.  
Peter Krämer, M.Sc.



Drs.  
Frans Lamers



Professor Dr.  
Rundong Li



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Margit Löschau



Dipl.-Ing.  
Rüdiger Margraf



Dipl.-Ing.  
Josef Mitterwallner



Dr.  
Maximilian Monzel



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Adj. Professor  
Dr.-Ing. habil.  
Abdallah Nassour



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Dipl.-Ing. Dr. mont.  
Roland Pomberger



Dipl.-Ing.  
Jochen Poschlod



Professor  
Dr.-Ing.  
Peter Quicker



Professor  
Dipl.-Ing. Dr. techn.  
Harald Raupenstrauch



Professor  
Dipl.-Ing. Dr. techn.  
Helmut Rechberger



Christian Riber



Attorney Dr. jur.  
Alexander Stefan  
Rieger



Dipl.-Ing. Dr. mont.  
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Dr.-Ing.  
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Daniel Spálénka



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Oktay Tabasaran



Nobuhiro Tanigaki,  
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Dr. rer. nat.  
Beate Vielhaber



Dipl.-Ing.  
Bernd von der Heide



Dr.  
Karsten Wambach



Dipl.-Ing.  
Markus Wieduwilt



Professor Dr.  
Franz Winter



### Additional Speakers

Gábor Mácsár,  
Professor Dr. Mustafa Öztürk,  
State Secretary

## Books

### Waste Management, Volume 1

Publisher: Karl J. Thomé-Kozmiensky,  
Luciano Pelloni  
ISBN: 978-3-935317-48-1  
Released: 2010  
Language: english, polish and  
german  
Hardcover: 623 pages  
Price: 21.00 EUR

### Waste Management, Volume 2

Publisher: Karl J. Thomé-Kozmiensky,  
Luciano Pelloni  
Released: 2011  
**Book:** ISBN: 978-3-935317-69-6  
Hardcover: 866 pages  
Language: english  
**CD:** ISBN: 978-3-935317-70-2  
Language: english, polish  
and german

Price in each case: 50.00 EUR

### Waste Management, Volume 3

Publisher: Karl J. Thomé-Kozmiensky,  
Stephanie Thiel  
Released: 2012  
Language: english  
**Book:** ISBN: 978-3-935317-83-2  
Hardcover: 743 pages  
**CD:** ISBN: 978-3-935317-84-9

Price in each case: 50.00 EUR



### Waste Management, Volume 4

Publisher: Karl J. Thomé-Kozmiensky,  
Stephanie Thiel  
ISBN: 978-3-944310-15-2  
Released: 2014  
Language: english  
Hardcover: 521 pages  
Price: 50.00 EUR

### Waste Management, Volume 5

Publisher: Karl J. Thomé-Kozmiensky,  
Stephanie Thiel  
ISBN: 978-3-944310-22-0  
Released: 2015  
Language: english  
Hardcover: approx. 530 pages  
Price: 120.00 EUR

### Package Price

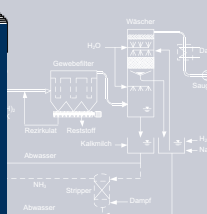
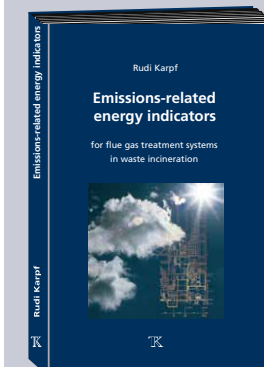
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### Emissions-related energy indicators for flue gas treatment systems in waste incineration

Author: Rudi Karpf  
ISBN: 978-3-944310-14-5  
Publisher: TK Verlag  
Karl Thomé-Kozmiensky  
Released: 2014  
Hardcover: 144 pages,  
numerous coloured  
images  
Price: 30.00 EUR



The aim of this study is to demonstrate such discrepancies or dependencies between attainable emission reductions and the emissions-generating energy input necessarily incurred by flue gas treatment technologies in attaining those reductions.

The study initially focuses on current investigations and assessments related to this issue, as well as on the legal emission requirements. Due to the wide range of components involved in flue gas treatment systems and their consequent numerous combination possibilities, six different system Variants are presented and compared.

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## Waste-to-Energy Forum



In the afternoon of the second congress day an issue-oriented networking takes place.

### Schedule

The groups will meet on October 13, 2015 at 14:30 (open-end).

### Purpose

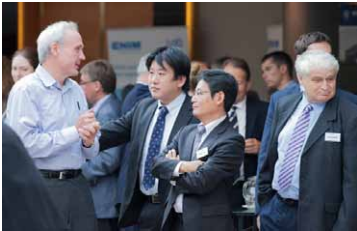
This event will give the delegates of the IRRC Waste-to-Energy 2015 the chance to discuss their field of interest with experts of the industry, from politics, science and technology. A chairperson who serves as a facilitator/moderator will be assigned to each group. The exchange of experiences, ideas, and concepts will give impulses for cooperation and is going to promote development particularly in the new EU-member states.

Delegates are invited to inform us or the chair about topics or particular questions, which they would like to discuss in the group. Please note: The earlier we know about your preferences, the better the chairpersons can prepare for it.

### Setting

There will be five groups, each focussing on one topic:

- Policies and strategies  
*Expert: Dipl.-Ing. Markus Gleis, German Environmental Protection Agency*
- Waste incineration, flue gas treatment and utilization of residues  
*Expert: Professor Dr. Franz Winter, Technical University of Vienna*
- Exchange of experience – grate/fluidised bed/rotary kiln  
*Expert: Professor Dr.-Ing. Helmut Seifert  
KIC InnoEnergy  
Thematic Field Leader for Energy from Chemical Fuels  
Karlsruhe Institute of Technology (KIT)*
- Mechanical-biological waste treatment and solid recovered fuels  
*Experts: Professor Dipl.-Ing. Dr. mont. Roland Pomberger  
em. O. Professor Dipl.-Ing. Dr.techn. Karl E. Lorber,  
University of Leoben*
- Pyrolysis and gasification  
*Expert: Professor Dr.-Ing. Peter Quicker, RWTH Aachen*



Each group will be assigned a private area with tables, sitting area and internet. There will also be snacks and drinks provided.

All groups will be on the same floor, so that switching between the groups is possible.

### Registration

Participants of the IRRC Waste-to-Energy 2015, can register for the networking-event by choosing their field of interest in the registration form. There will be no extra charges.

It is recommended that one delegate registers for a maximum of two groups.

## Partners



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für Abfallwirtschaft e.V.



## Media Partners



Abfall • Rohstoff • Energie Fachzeitschrift für nachhaltiges Wirtschaften

October 12 and 13, 2015

Congress venue

Vienna Marriott Hotel

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 Internet: [www.viennamarriott.com](http://www.viennamarriott.com)  
 Single room for 211,- EUR per night  
 Double room for 231,-EUR per night  
 Limited offer reserved until September 11, 2015

**IMPORTANT**

Organize your overnight stay as early as possible.

Vienna is a very popular city and there are a number of other events taking place in October.

Alternative hotels

There are a number of alternative accommodations close to the conference venue. You can book rooms directly at the hotel or by using online hotel portals, like **hrs.com**. But please be aware that these special offers are usually binding and cannot be cancelled anymore.

If you want to make use of the limited group rate, please visit our website [www.vivis.de](http://www.vivis.de), go to **IRRC**, then to **conference** venue and follow the link to book the group rate. You will be directed to a page of the **Vienna Marriott Hotel**, which was created only for the participants of the **IRRC**.

Conditions of Participation and Services

How to register

With the registration you acknowledge the terms and conditions of TK Verlag Karl Thomé-Kozmiensky as binding. The registration of participants must be in writing either by e-mail, by post, by fax or online using the application form. Please use a separate form for each person. It is not possible to register only for parts of the event, unless stated otherwise in the programme. On receipt of your application we will send you an invoice for your participation fee by post, which also serves as a confirmation of your registration.

The organizers will provide a reduced conference registration fee for participants from economically weak countries, including the new EU-member states (countries that joined the EU in the year 2004 or later). With the term „economically weak countries“ the organizers mean those countries, defined as „low and middle income economies“ by the World Bank.

The IRRC 2015 entry fees are defined on the basis of one person and cover two days of participation at the congress, including the networking event on Tuesday (October 13). Delegates of the IRRC can register additionally for the excursion to waste disposal plants in Vienna on Wednesday (October 14). There is a limitation of participants to 60 people. Registrations are considered in the order they are received and are subject to the availability of adequate space. In order to participate in the framework programme, you must register for each event individually. The registration is binding.

If you are unable to attend the congress, your registration can be delegated to a substitute person. Cancellation requests must be received in writing on or before the cancellation deadline of September 11, 2015. Written notifications are accepted via email, post or fax. Cancellations received on or before September 11, 2015 will receive a refund of the paid fees minus an administration fee of 50,- EUR + 20 % VAT. Cancellations received after the cancellation deadline will not be issued a refund. Any unpaid congress fees are due and payable to TK Verlag Karl Thomé-Kozmiensky. Congress documents will be sent to registered attendees, who were unable to participate.

If the conference must be cancelled or moved to another date, all registered participants will be informed instantly. For losses resulting from the cancellation of the congress TK Verlag Karl Thomé-Kozmiensky is not liable. The invoice amount already paid by the participants will be refunded immediately.

The programme is subject to alterations.

Congress fees

- 890,- EUR + VAT. Regular fee for participants from the EU-15 and EFTA countries, and overseas
- 300,- EUR + VAT. Reduced fee for participants from other countries and full-time professionals of public authorities or universities
- 100,- EUR + VAT. Reduced fee for full-time students

The fee comprises:

- Attendance at all presentations
- Coffee breaks and luncheons for both days
- Participation at the networking dinner on October 12, 2015
- Participation in the networking event on October 13, 2015
- Congress documents: Book, Proof-of-entry (also serves as name tag), List of speakers and participants, Final program

Complementary programme

20,- EUR + VAT. Excursion on October 14, 2015

The fee comprises:

- Pick up and return from Vienna Marriot Hotel (approx. 9 am - 3 pm)
- Transportation between the waste disposal sites
- Guided tour at each site in English
- Group size of max. 15 people

**Please note: There is a limited number of places!**

Payment details

Please do not pay the conference or excursion fee until you have received your invoice. Write the invoice number and the name of the delegate legibly on the money transfer form.

Organisation of the Congress: TK Verlag

**Dorfstraße 51 • D-16816 Nietwerder-Neuruppin**  
**Phone +49.3391-45.45-0 • Fax +49.3391-45.45-10**  
**Email: [tkverlag@vivis.de](mailto:tkverlag@vivis.de)**

Fax Registration for the IRRC Waste-to-Energy +49.3391-45.45-10

I submit my binding application to attend the **IRRC Waste-to-Energy on October 12 and 13, 2015 in Vienna.**

I accept the terms and conditions.

I will pay the following conference fees after receiving my invoice:

- 890,-** EUR + 20 % VAT.  
Regular fee for Participants from the EU-15, the EFTA countries, and overseas
- 300,-** EUR + 20 % VAT.  
Reduced fee for participants from other countries, and full-time professionals of public authorities or universities
- 100,-** EUR + 20 % VAT.  
Reduced fee for full-time students
- 20,-** EUR + 20 % VAT.

I will attend the excursion to waste disposal plants in Vienna on October 14, 2015 (only for registered participants of the IRRC 2015). Registration deadline: October 2, 2015

- I will attend the evening event on **October 12, 2015.**
- I will attend the networking event on **October 13, 2015**

**Please choose your field of interest (max. 2):**

- Policies and strategies
- Waste incineration, flue gas treatment and utilization
- Exchange of experience (grate/fluidised bed/rotary kiln)
- MBT and SRF
- Pyrolysis and gasification

Newsletter

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Name / First Name / Title

\_\_\_\_\_  
Company / Organisation

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Department

\_\_\_\_\_  
Address

\_\_\_\_\_  
Post Code / City / Country

\_\_\_\_\_  
Phone and Fax

\_\_\_\_\_  
Email

I have read and accept the terms and conditions indicated on this form.

\_\_\_\_\_  
Date, signature