

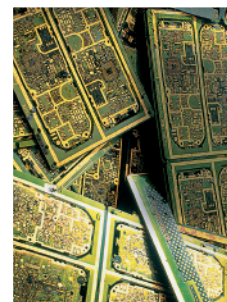
Sponsors:



7th International Electronics Recycling Congress

January 16 – 18, 2008

Salzburg, Austria



Patronage:

Federal Ministry of Agriculture, Forestry, Environment
and Water Management, Austria

WEEE Forum

ORGALIME

European Electronics Recyclers Association (EERA)

European Committee of Domestic Equipment Manufacturers (CECED)

European Information, Communications & Consumer Electronics Technology Industry
Associations (EICTA)



Welcome Address



Josef Pröll

Federal Minister of Agriculture, Forestry, Environment and Water Management Austria

In environmental policy the waste relevance of all electrical and electronic appliances was realised very early. For this reason numerous municipal collecting points have been established in Austria, even without legal obligation for those placing the products on the market. However, this is not a national market. Thus by regulating the question of waste electrical equipment at EU level an important step towards the right direction has been taken in good time.

More and more electrical and electronic appliances are being produced, which become waste after an ever shorter usable life.

Waste electrical appliances are the fastest growing waste flow. The progn-

sis of a doubling of the volume within the next 12 years is still valid.

The EU Directives are implemented in Austria by the Austrian Ordinance on Waste Electrical Equipment, which has been in force in Austria since 13 August 2005.

Thanks to the good cooperation between the economy, the communities and the administration (Ministry of Life), started in good time, as well as thanks to the collection efforts on the part of the population the implementation has been efficient and successful: with 7.65 kg per inhabitant in the year 2006 the goal stipulated by Directive No 2002/96/EC of 4 kg per capita was exceeded by more than 90 % – and this with comparably low fees. The respective mandatory notifications and documentations are carried out efficiently by electronic means.

In a waste management system oriented according to the principle of sustainability priority is given to the precautionary principle and to optimum resource management, in particular of raw materials and energy.

Therefore we aim not only at complying with the existing requirements concerning recycling in general, and waste electrical and electronic equipment in particular, but also at making further improvements.

The transfer of knowledge at the IERC is one element in this context and can contribute to the application of comparable standards all over the world.

Thus I wish the IERC 2008 a lot of success.

Keynote Speakers



Dr Leopold Zahrer

Federal Ministry of Agriculture, Forestry, Environment and Water Management
Director General
Head of Department – Material Flow Management, Environment Technology and Waste Management Austria

“The challenge of waste management to the resource supplying industry”



Timo Mäkelä

European Commission
DG Environment, Director Sustainable Development and Integration
Belgium

“Environmental sustainability leads to economic success”



Graham Davy

Sims Group UK Limited
Managing Director, Global Operations, Sims Recycling Solutions
United Kingdom

“Positioning Sims Group globally in the E-recycling space”



Dr Herbert Mrotzek

BSH Bosch und Siemens Hausgeräte GmbH
Director Environmental Protection, Health and Safety
Germany

“Ecodesign and recycling – A challenge for a white goods manufacturer”

Foreword

The latest developments in electronics recycling will be presented during our 7th International Electronics Recycling Congress IERC 2008 in Salzburg. Each presentation at this congress has gone through a very intensive selection procedure. An international critical paper selection committee guarantees you that this congress has only the most relevant and innovative topics on its agenda.

We have already a long tradition and a proven record but nevertheless we commit ourselves that your participation at this congress will be more than worthwhile. We want you to go home with new unique insights and leads so that you will improve, strengthen and enlarge your professional activities.

We know that also you are looking for lowering costs, improving efficiency and guaranteeing high standards of recycling. We want you to hear, to learn and to discuss latest opinions and strategies on this challenge from other experts. We offer you therefore a platform to exchange information with government, business, academia and society, to meet your business partners and to get access to new potential clients.

The congress is an international congress, with focus on electronics recycling without neglecting new linked aspects like EuP, RoHS and REACH. The congress also offers you the possibility to participate at visits/technical tours at different recycling plants and to visit the exhibition where many companies and institutions will show you their latest products/services and solutions. There are of course also the networking

opportunities with relevant business people like the famous networking dinner.

Famous keynote speakers from industry and authorities and well-selected presentations will deal with the impact of the review of the WEEE and RoHS directives by the Commission. Furthermore the implementation in the member states by the OEMs, recyclers and other stakeholders is going to be discussed. Also the importance of similar initiatives in other regions in the world will be analysed. New best available technologies for dismantling, sorting and recycling will be presented. Through testimonials and case-studies you will get insight in the vision and strategy for tomorrow and the coming years from OEMs, the recycling industry, the authorities, compliance schemes and waste management companies.

Reasons enough to come to Salzburg and to share your experience among other leaders in your field.

See you in Salzburg!

Filip Geerts

Chairman of the Steering Committee
International Electronics Recycling Congress

International Steering Committee



Filip Geerts
Chairman
Recupel ICT
President
Belgium



Dr Viktor Haefeli
Vice-Chairman
RUAG Components
CEO
Switzerland



Prof. Takao Araki
University of Ehime
Japan



Manfred Beck
Recycling International
Magazine
Editor
Netherlands



Dr Michael B. Biddle
MBA Polymers, Inc.
CEO and President
USA



Stephane Burban
Xstrata Copper Canada
Manager Recycling
Switzerland



Roger Burri
Air Mercury AG
President
Switzerland



Thomas Dietershagen
ENE EcologyNet Europe
GmbH
General Manager
Germany



Victor Duart
IBM Europe/M East/Africa
Manager Environmental
Affairs & Product Safety
Spain



Manfred Fahrner
ALBA R-plus GmbH
Manager European Business
Germany



Hélène Fauve-Buresi
Alcatel-Lucent
Corporate Social Responsibility
Global Procurement and
Sourcing
France



Klaus Hieronymi
Hewlett-Packard Europe,
Middle East and Africa
Director, Environmental Business
Management Organization
Germany



Prof. Theo Lehner
Boliden Mineral AB
Metallurgical Supervisor
Sweden



Dr Thomas Marinelli
Philips Consumer Electronics
Senior Sustainability Advisor
PCE Sustainability Center
Netherlands



Dr Mathias Tellenbach
Federal Office for the
Environment
Deputy Head of Division
Waste and Raw Materials
Switzerland



Norbert Zonneveld
GrinwisZonneveld
Director
Netherlands

Salzburg – an ideal and professional congress place

The 7th International Electronics Recycling Congress (IERC 2008) will be held at the:

Salzburg Congress

Auerspergstraße 6

5020 Salzburg, Austria

Phone +43 662 889870

Fax +43 662 88987210

www.salzburgcongress.at



Salzburg Congress is located in the centre of Mozart's city. You can easily reach the congress centre by all modes of transport.



Salzburg – The city of Mozart

UNESCO nominated Salzburg's city centre as part of the world's cultural and natural heritage. Now the city officially ranks among the most beautiful cities in the world, certainly one deserving a high degree of protection.

www.salzburg.info



Hotel accommodation

For the participants of the congress a number of rooms are held **until December 7, 2007 at a special rate** at the below-mentioned hotels. Reservation after this date will be subject to space and rate availability. If you wish, you may also extend your stay at the same rate.



Sheraton Salzburg Hotel *****

Auerspergstraße 4, 5020 Salzburg

Phone +43 662 889990

Fax +43 662 881776

www.sheraton.com/salzburg

next to the congress place



Hotel Bristol Salzburg *****

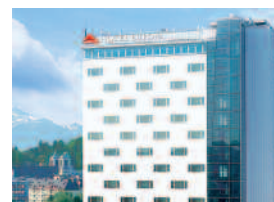
Makartplatz 4, 5020 Salzburg

Phone +43 662 873557

Fax +43 662 8735576

www.bristol-salzburg.at

5 minutes walking distance to the congress centre



Austria Trend Hotel Europa Salzburg ****

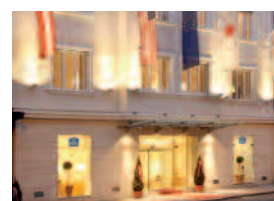
Rainerstraße 3, 5020 Salzburg

Phone +43 662 889930

Fax +43 662 889938

www.austria-trend.at/eus

10 minutes walking distance to the congress centre



Best Western Hotel Imlauer ****

Rainerstraße 12, 5020 Salzburg

Phone +43 662 889920

Fax +43 662 8899271

www.imlauer.com/en/hotel_imlauer.shtml

Non smoking hotel, free parking!

5 minutes walking distance to the congress centre



Hotel Mercure Salzburg City ****

Bayerhamerstraße 14a, Salzburg

Phone +43 662 8814380

Fax +43 662 871111411

www.mercure.com (Hotel code: 0984)

Free parking!

15 minutes walking distance to the congress centre

Congress Program IERC 2008

Wednesday, 16th January 2008

| | |
|--------------------------|--|
| Session 1: | <u>Keynote Speakers from industry and government</u> |
| Session Chairman: | Filip Geerts, Chairman of the Steering Committee |
| 09.30 – 12.00 | <p>"Welcome and Introduction" Filip Geerts, Chairman of the Steering Committee</p> <p>Dr Leopold ZÄHRER, Federal Ministry of Agriculture, Forestry, Environment and Water Management, Austria</p> <p>Timo MÄKELÄ, European Commission, DG Environment, Belgium</p> <p>Graham DAVY, Sims Group UK Limited, United Kingdom</p> <p>Dr Herbert MROTZEK, BSH Bosch und Siemens Hausgeräte GmbH, Germany</p> |
| 12.00 – 13.30 | Lunch |
| Session 2: | <u>How do electronics manufacturers close the recycling loop?</u> |
| Session Chairman: | Dr Thomas Marinelli, Philips Consumer Electronics, Netherlands |
| 13.30 – 14.00 | <p>"Take back systems of used electronics with special focus on B2B" Jean Cox-Kearns, Dell Inc., Ireland</p> |
| 14.00 – 14.30 | <p>"How to implement practically individual producer responsibility today?" Andreas Bohnhoff, Sony Europe GmbH, Germany</p> |
| 14.30 – 15.00 | <p>"Make haste, cut energy waste" Fanni Mészáros, CECED Magyarország Egyesülés, Hungary</p> |
| 15.00 – 15.30 | Coffee break |
| Session 3: | <u>How do countries close the recycling loop?</u> |
| Session Chairman: | Manfred Fahrner, ALBA R-plus GmbH, Germany |
| 15.30 – 16.00 | <p>"National scenario of electronics waste in India" Dr Sandip Chatterjee, Ministry of Communications and Information Technology, India</p> |
| 16.00 – 16.30 | <p>"Experience in WEEE collection and treatment in Hungary" József Kelemen, Ministry for Environment, Hungary Ervin Tihanyi, Inter Metal Recycling, Hungary</p> |
| 16.30 – 17.00 | <p>"EPEAT – A product life-cycle standard / Closing the design – End-of-life loop" Wayne Rifer, Electronic Product Environmental Assessment Tool (EPEAT), USA</p> |
| 17.00 – 17.30 | <p>"The WEEE regulations start in the UK at last!" Julie-Ann Adams, M Baker Recycling Ltd., United Kingdom</p> |
| 17.30 – 18.30 | Cocktail reception and poster presentation in the exhibition hall |
| 19.30 | Networking dinner |

Thursday, 17th January 2008

| | |
|--------------------------|---|
| Session 4: | <u>Challenges of the systems & the recycling industry</u> |
| Session Chairman: | Prof. Theo Lehner, Boliden Mineral AB, Sweden |
| 09.00 – 09.30 | <p>"Challenges and opportunities in Asia" Venkatesha Murthy, Cimelia Resource Recovery Pte Ltd., Singapore</p> |
| 09.30 – 10.00 | <p>"REACH, WEEE and the BATTERY DIRECTIVE. The position of the Rechargeable Battery Industry" Dr Jean-Pol Wiaux, RECHARGE aisbl, Belgium</p> |
| 10.00 – 10.30 | <p>"A complete service managing end-of-life products (WEEE) for manufacturers, retailers and importers" Dr Paul-Albert Ruhr, Vfw GmbH, Germany</p> |
| 10.30 – 11.00 | Coffee break |
| Session 5: | <u>How to prevent illegal export</u> |
| Session Chairman: | Dr Mike B. Biddle, MBA Polymers, Inc., USA |
| 11.00 – 11.30 | <p>"Ways to prevent illegal transport" Iza Kruszevska, Greenpeace International</p> |
| 11.30 – 12.00 | <p>"Waste shipment of E-waste: The EU and a wider perspective" Kurt Van der Herten, European Commission, DG Environment, Belgium</p> |
| 12.00 – 12.30 | <p>"Illegal export of WEEE / next challenge of the WEEE" Nico Krukenberg, REMONDIS Electrorecycling GmbH, Germany</p> |
| 12.30 – 14.00 | Lunch |
| Session 6: | <u>New technologies & recycling equipment</u> |
| Session Chairman: | Stephane Burban, Xstrata Copper Canada, Switzerland |
| 14.00 – 14.30 | <p>"The mine above ground - Opportunities and challenges to recover scarce and valuable metals from end-of-life electronic devices" Dr Christian Hagelüken, Umicore Precious Metals Refining, Germany Dr Matthias Buchert, Öko-Institut e.V., Germany</p> |
| 14.30 – 15.00 | <p>"MSS optical sorting technologies for automated sorting of electronic scrap – Practical case studies from the USA" Felix A. Hottenstein, MSS, Inc., USA</p> |
| 15.00 – 15.30 | <p>"Better together! Or, why joint processing of CFC and VOC fridges is essential for the environment" Dr Viktor Haefeli, RUAG Components, Switzerland</p> |
| 15.30 – 16.00 | Coffee break |
| 16.00 – 17.00 | <p>ROUND TABLE DISCUSSION: "WEEE Revision 2008"</p> <p>Moderator: Klaus Hieronymi, Hewlett-Packard Europe, Middle East, Africa Participants: Pascal Leroy, WEEE Forum Sigrid Linher, Orgalime Luigi Meli, CECED Eelco Smit, EICTA / EPSON Europe Kurt Van der Herten, European Commission Jan Visser, Coolrec Group Norbert Zonneveld, EERA</p> |
| from 17.00 | Cocktail reception and poster presentation in the exhibition hall |

Friday, 18th January 2008

Technical visits

Every participant may choose one of the following tours:

**Visit to Müller-Guttenbrunn GmbH,
Metran Rohstoff-Aufbereitungs GmbH and
MBA Polymers Kunststoffverarbeitung GmbH, Kematen**



| | |
|---------------|--|
| 08.00 | Departure by bus to the above-mentioned 3 companies |
| 10.00 | Arrival at the companies |
| 10.00 – 15.00 | Visit of the shredder plant of Müller-Guttenbrunn Visit of the metal separation plant of Metran Visit of the plastic recycling plant of MBA Polymers |
| 17.30 * | Arrival at Salzburg Airport |
| 18.00 | Arrival at the Salzburg Congress Centre |

The metal recycling company Müller-Guttenbrunn GmbH in Amstetten de-pollutes the E-Waste in an environmentally friendly manner and each of the de-polluted fractions are disposed of in line with the E-Waste directive.

The selective shredder separates high quality ferrous metal scrap; most non ferrous metals are further extracted and concentrated by type of metal (copper, aluminium etc.) by the company Metran GmbH. Even metals < 1mm can thus be extracted and re-introduced into the recycling cycle.

Metran also creates a valuable plastics fraction, which is delivered to MBA Polymers for further processing.

MBA Polymers produces high grade plastics granulates, compounds and flakes from mixed plastic waste from mainly End-Of-Life Electronics and other durable products.

The technical visit will include the MBA Polymers production facility in Kematen/Ybbs. On a surface of 20.000 sqm of which some 8.000 sqm covered surface, this plastics recovery plant represents one of the most advanced plastic-recycling facilities of the world with a capacity of 40.000 tons per year.

The 60 highly qualified MBA Polymers Austria staff operates an automated high-tech recycling production process in 3 shifts. There are 3 individual production stages supervised by a constant quality assurance system.

More information at:
www.mueller-guttenbrunn.at
www.mbapolymers.at

Visit to Elektronik Altgeräte Recycling West GmbH (EAR), Pfaffenhofen



| | |
|---------------|--|
| 08.00 | Departure by bus to EAR |
| 11.00 | Arrival at EAR |
| 11.00 – 13.00 | Visit of the electronics recycling plant |
| 16.00 * | Arrival at Salzburg Airport |
| 16.30 | Arrival at the Salzburg Congress Centre |

The company HÖPPERGER has set up the Europe-wide most modern small electronic device recycling plant with a capacity of 17.000 annual tons. The plant was built by the company MeWa. The heart of the plant is the so-called Querstromzerspaner, which can be filled with mixed electric and electronic scrap, without having to prepare or disassemble the material before. The filling is rotated and through intensive acceleration the devices collide with each other with high force. During this the compounds are disintegrated carefully. Through the screen, magnet and eddy current separator, as well as manual sorting, the material is separated into marketable fractions. As required by the WEEE-directive, the contaminated batteries and condensers are not damaged by the gentle processing. Therefore all resources like iron, copper, aluminium and plastics can be recycled meaningfully.

More information at: www.hoepperger.at

Visit to MONTANWERKE BRIXLEGG AG, Brixlegg



| | |
|---------------|--|
| 08.00 | Departure by bus to Montanwerke Brixlegg |
| 10.00 | Arrival at the Montanwerke Brixlegg |
| 10.00 – 12.00 | Visit of the copper refinery plant |
| 14.00 * | Arrival at Salzburg Airport |
| 14.30 | Arrival at the Salzburg Congress Centre |

Montanwerke Brixlegg AG is Austria's only copper producer, and has a history stretching back more than 500 years. Today Montanwerke is one of the leading secondary smelters in Europe. Core business is recycling copper and other precious metals from scrap and in further steps process it into cathodes and billets. For these two highly pure copper products the total output is over 200.000 tons per year.

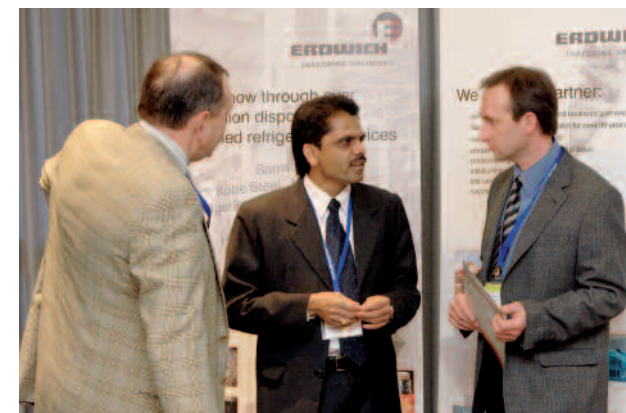
More information at: www.montanwerke-brixlegg.com

*No guarantee on arrival time due to traffic conditions

“Meet your clients” Networking Dinner

On Wednesday, January 16, a special networking dinner will be organized in beautiful Salzburg.

Do not miss this perfect possibility to meet your business partners and register to this evening now!



Exhibition

A special exhibition will be organized for companies wishing to display their products or advertising materials.

The fee for an exhibition stand of 6 m² is EUR 2'500.- and for 12 m² is EUR 4'000.- for the full time of the conference.

Space is limited, so take your chance and book your exhibition stand today!



Who should attend?

- Original electronic equipment manufacturers (OEMs)
- Electronic components suppliers
- Electronic equipment importers and dealers
- Retailers
- Telecom and broadcasting companies
- Electric power generation companies
- Collection and transportation companies
- Recycling and dismantling companies
- Shredding companies
- Plastic industry
- Non ferrous metal industry
- Ferrous and stainless steel industry
- Financing organizations for electronics waste recycling
- Environmental authorities
- Universities and research institutes
- Laboratories for material science
- Consultants

Organizer of the IERC

ICM AG
International Congress & Marketing
Schwaderhof 524
5708 Birrwil, Switzerland

Phone: +41 62 785 10 00
Fax: +41 62 785 10 05
E-Mail: info@icm.ch
Internet: www.icm.ch



Jeanette Duttlinger
Congress Organizer



Susann Schmid
Congress Assistant



Yvonne Steiner
Congress Assistant



Sandra Ammann
Congress Assistant



Ying Liu
Congress Assistant



Petra Fiorentin
Congress Assistant

Skiing in Zell am See

Why not extend your stay and enjoy a beautiful weekend in the mountains near Salzburg?

Breathtaking vistas, magnificent landscapes and the entire range of winter sports – all of which are just waiting to be discovered by you.

ICM has organized a ski weekend after the congress. A limited number of hotel rooms are reserved for you in beautiful Zell am See, only 50 min. drive from Salzburg. Come and enjoy together with your friends and business partners a great, unforgettable weekend with lots of snow, fun and Jägertee (hunter's tea)!

Please contact us for further information and booking at info@icm.ch.

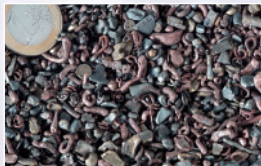
www.zellamsee.com



Your partner  means business

Müller-Guttenbrunn Group

We utilize raw materials from waste fractions
Your partner for e-waste, end-of-life vehicles and metals



use of the most modern
separation technologies

recovery of valuable resources
recycling of small scale metal
particles



environmental-friendly-removal
of harmful substances

partner of the Lower Austrian
Waste Management Associations

Müller-Guttenbrunn Group, Industriestraße 12, A-3300 Amstetten, Austria
Tel: +43 7472 / 64 181, Fax: +43 7472 / 64 181-38, <http://www.mueller-guttenbrunn.at>, office@mueller-guttenbrunn.at



MBA Polymers Austria

Responsibility starts with the raw material

Plastic rich
fractions from
durable goods ...



... to make
recycled
plastics



MBA Polymers Austria Kunststoffverarbeitung GmbH, Wirtschaftspark Kematen, A-3331 Kematen/Ybbs, Austria,
Tel: +43 7476 77 488, Fax: +43 7476 77 488 -44, <http://www.mba-polymers.at>, office@mba-polymers.at



EAR operates a state-of-the-art electronics recycling plant in Pfaffenhofen, near Innsbruck. This fully automated electronics recycling plant was installed in 2005 and has a capacity of 17'000 tons per year of electronics waste.



For more information please contact:



elektronik altgeräte
recycling west gmbh

Elektronik Altgeräte Recycling West GmbH
Wiesenweg 1
6405 Pfaffenhofen, Austria

Tel.: +43 5262/63871
Fax: +43 5262/65790

office@hoepperger.at
www.hoepperger.at



99,99%

COPPER CONTENT



Each year, the Montanwerke Brixlegg AG processes approximately 130,000 tons of copper containing secondary materials. The recovered highly pure copper has a copper content of 99,99 %. This excellent quality and a wide range of application possibilities have made the brand "BRX" well known worldwide.

More information about recycling and the production you can find under www.montanwerke-brixlegg.com

Registration Fees

Registration for the congress should be made by means of the registration form. Participants registering and paying **before November 20, 2007** will benefit from a reduced registration fee. The registration fee includes congress, entrance to the exhibition, proceedings and meals.

| Congress Fee | before November 20, 2007 | after November 20, 2007 |
|--|-----------------------------|----------------------------|
| Fee for participants | € 1'290.– | € 1'390.– |
| Fee for speakers | € 690.– | € 790.– |
| Fee for students | € 490.– | € 590.– |
| Networking dinner (January 16, 2008) | € 100.– | € 110.– |
| Technical visits (January 18, 2008): | | |
| – Müller-Guttenbrunn, Metran and MBA Polymers, Kematen | € 30.– | € 50.– |
| – Elektronik Altgeräte Recycling West (EAR), Pfaffenhofen | € 30.– | € 50.– |
| – Montanwerke Brixlegg, Brixlegg | € 30.– | € 50.– |
| Networking dinner for accompanying persons (January 16, 2008) | € 110.– | € 120.– |

Registration on site EUR 100.– surcharge

Additional Proceedings

If it is not possible for you to attend the congress, you may purchase the complete proceedings at EUR 350.–. Participants will get the proceedings free of charge.

Payment

Payment should be made in EUR by bank transfer or by credit card.
Wire payment to:

| | |
|----------------------|----------------------------|
| Beneficiary: | ICM AG |
| Name of the bank: | Neue Aargauer Bank |
| Address of the bank: | 5400 Baden, Switzerland |
| Account number: | 447941-72 |
| IBAN: | CH41 0588 1044 7941 7200 0 |
| Clearing number: | 5881 |
| Swift code: | AHHBCH22XXX |