

9th International Electronics Recycling Congress

January 20 – 22, 2010

Salzburg, Austria



Patronage:

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

European Electronics Recyclers Association (EERA)

European Lamp Companies Federation (ELC)

European Committee of Manufacturers of Domestic Equipment (CECED)

DIGITALEUROPE

ORGALIME

PlasticsEurope

WEEE Forum



Welcome Address



Picture: BMELW/Newman

Niki BERLAKOVICH

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

Waste management policy is an important part of the overall environmental protection policy and is oriented according to the recognized guiding principle of "sustainable development". A central concern is the further development of the safe disposal of already generated waste to resource management.

The material conversion caused by the production of goods results in a great quantity of wastes and pollutants. Remedy can be guaranteed in this context on the one hand by a responsible use of materials, and on the other hand by an increased implementation of the circular-flow economy. Already at the stage of

the production of goods reuse and recovery have to be included in the planning process and pollutants have to be avoided. Separate collection, and increase in material efficiency or in energy efficiency with electrical or electronic appliances are the core of sustainable management. The principle of producers' responsibility, in particular the financial producers' responsibility with the cost born according to the polluter-pays principle, constitutes an important element of the common waste policy.

Special importance is attached to the waste flow of electrical and electronic appliances, as the production of electrical and electronic appliances constitutes still one of the most innovative and one of the most rapidly growing sectors of industry. In Austria the respective Directive could be implemented in time and completely, for the minimum quota (4kg/EW/a) is, with a recycling quantity of 8kg/EW/a exceeded by 100 %. Also the system of electronic registration is cheap and smoothly functioning.

The transfer of knowledge and the exchange of experience constitute important elements for introducing good solutions and comparable standards in the whole world. I am looking forward to the world of experts meeting in Austria, in Salzburg, the town of Mozart, on the occasion of the IERC 2010, and I wish every success and a nice stay.



lebensministerium.at

Keynote Speakers



Karl-Heinz FLORENZ

Member of the European Parliament
Rapporteur of the Directive on Waste Electrical
and Electronic Equipment
Member of the Committee on the Environment,
Public Health and Food Safety
Germany

**"WEEE: Waste management as
resource security"**



Prof. Dr Dr hc Thomas STOCKER

Physics Institute, University of Bern
Co-Chair WGI Intergovernmental Panel on
Climate Change
Switzerland

**"Climate Change is the century
challenge which requires persistent
action by all sectors"**

Foreword



Welcome to Salzburg – the hometown of Amadeus Mozart and “Red Bull”

In the name of the Steering Committee I welcome you to Salzburg for the 9th International Electronics Recycling Congress.

What is common between “Mozart”, “Red Bull” and “Electronics Recycling”? All of them were pioneering leaders with strong will to achieve success, sustain the environment and to make people happy - regardless of the difficulties and pain of the first steps of the projects. In Salzburg, many of the pioneers of “Electronics Recycling” meet at IERC2010. Only the joint effort among producers, recyclers, authorities and consumers are going to make success happen. The recycling industry created thousands of jobs, invested billions into

machineries and plants and brought back millions of tons of raw materials into the recycling chain.

Europe is still the world's leading market in the field of electronics recycling. The eco design of the products, the very effective collection systems in the countries, strict laws and regulations and high tech recycling plants are the basis of the successful business over here in Europe.

Meanwhile the electronics recycling business went global. It is crystal clear that the same story will happen on the other continents. It is important to learn from the others in order to improve our own businesses and to create a positive environmental impact.

“Landfilling is history, recycling is the solution - you can make it happen!”

I look forward to meeting you in beautiful Salzburg – a town full of pioneers and success stories.

Dr Viktor Haefeli

Chairman of the Steering Committee
International Electronics Recycling Congress

International Steering Committee



Dr Viktor Haefeli, Chairman
RUAG Schweiz AG
CEO RUAG Technology
Switzerland



Victor Duarte, Vice-Chairman
IBM Europe/M East/Africa
Manager Environmental
Affairs & Product Safety
Spain



**Dr Michael B. Biddle
Chairman of the Scientific
Committee**
MBA Polymers, Inc.
Founder and President
USA



Prof. Takao Araki
University of Ehime
Japan



Manfred Beck
Recycling International
Magazine
Editor
Netherlands



Stephane Burban
Xstrata Copper Canada
Manager Recycling
Switzerland



Roger Burri
Air Mercury AG
President
Switzerland



Thomas Dietershagen
ENE EcologyNet Europe
GmbH
Managing Director
Germany



Manfred Fahrner
ALBA R-plus GmbH
Manager European Business
Germany



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



Dr Jaco Huisman
Delft University of Technology
Associate Professor
Netherlands



Prof. Theo Lehner
Boliden Mineral AB
Manager Business
Development
Sweden



Prof. Hsiao-Kang Ma
National Taiwan University
Taiwan



Dr Thomas Marinelli
Philips Lighting B.V.
Director WEEE Program
Management
Netherlands



Venkatesha Murthy
Cimelia Resource Recovery
Pte. Ltd.
Director
Singapore



Dr Andreas Röthlisberger
WEEE Forum
President
Switzerland



Dr Mathias Tellenbach
Federal Office for the
Environment
Consultant
Switzerland



Norbert Zonneveld
EERA
Executive Secretary
Netherlands

Salzburg – an ideal and professional congress place

The 9th International Electronics Recycling Congress (IERC 2010) 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

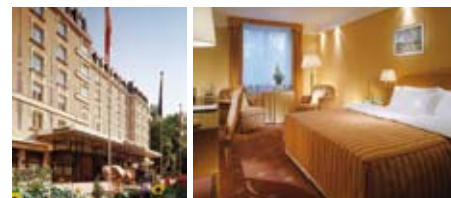
UNESCO nominated Salzburg's city centre as part of the world's cultural and natural heritage. Now the city officially ranks among the most beautiful cities in the world, certainly one deserving a high degree of protection.

www.salzburg.info



Hotel accommodation

For the participants of the congress a number of rooms are held **until December 15, 2009 at a special rate** at the hotels mentioned below. 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



Hotel Crowne Plaza Salzburg ****

Rainerstraße 6-8, 5020 Salzburg

Phone +43 662 889780

Fax +43 662 878893

www.imlauer.com

2 minutes walking distance to the congress centre



Austria Trend Hotel Europa Salzburg ****

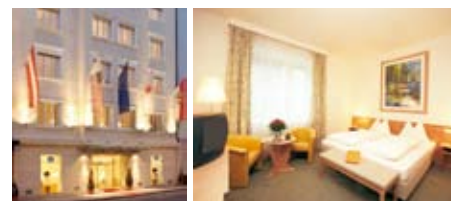
Rainerstraße 31, 5020 Salzburg

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 88992

Fax +43 662 8899271

www.imlauer.com

Non smoking hotel, free parking!

5 minutes walking distance to the congress centre

Congress Program IERC 2010

Wednesday, 20th January 2010

Session 1: Keynote speakers from industry and authorities

Session Chairman: Dr Viktor Haefeli, Chairman of the Steering Committee

09.30 – 11.00 "Welcome and Introduction"

Dr Viktor Haefeli, Chairman of the Steering Committee

"Opening Speech"

Dr Leopold ZÄHRER

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

KEYNOTE SPEAKERS:

Karl-Heinz FLORENZ, Member of the European Parliament, Rapporteur of the Directive on Waste Electrical and Electronic Equipment, Member of the Committee on the Environment, Public Health and Food Safety, Germany

Prof. Dr Dr hc Thomas STOCKER, Physics Institute, University of Bern, Co-Chair WGI Intergovernmental Panel on Climate Change, Switzerland

11.00 – 11.30 Coffee break

11.30 – 13.00 PANEL DISCUSSION:

"How to stay green in tough times"

Moderator:

Dr Mike Biddle, MBA Polymers, Inc.

Participants:

Karl-Heinz Florenz, European Parliament

Prof. Dr Dr hc Thomas Stocker, University of Bern, IPCC

Thorsten Brunzema, European Commission

Klaus Hieronymi, Hewlett-Packard Europe, Middle East and Africa

Prof. Theo Lehner, Boliden

Jan-Willem Scheijgrond, Philips

Norbert Zonneveld, EERA

13.00 – 14.30 Lunch

Session 2: WEEE Recast

Session Chairman: Victor Duarte
IBM Europe/M East/Africa, Spain

14.30 – 15.00 "Producer responsibility and the WEEE recast"

Jonathan Perry

**Dell Corporation Ltd.
United Kingdom**

15.00 – 15.30 "Building incentives for collection"

Dr Thomas Marinelli

**Philips Lighting B.V.
Netherlands**

Parallel Session: Eco-label & Auditing

Session Chairman: Prof. Hsiao-Kang Ma
National Taiwan University, Taiwan

"Implications of EPEAT for electronic recyclers in the EU"

Wayne Rifer

**Green Electronics Council
USA**

"Enforcement and compliance monitoring of e-scrap recovery and reuse"

Randy Mott

CHWMEG Inc., Poland

15.30 – 16.00 Coffee break

Session 3: Innovation

Session Chairman: Roger Burri, Air Mercury AG, Switzerland

16.00 – 16.30 "Challenges and conditions in the collection, transport and treatment chain of LCD displays"

Nico Krukenberg, REMONDIS Electrorecycling – Chairman of the EERA Working Group on LCD Displays, Germany

16.30 – 17.00 "Commercial recycling of LCD and its challenges: A UK perspective"

Timothy McDonnell and Karl Williams, University of Central Lancashire, United Kingdom

17.00 – 17.30 "Metal recovery from printed circuit board wastewater sludge using EDTA"

Fang-Chih Chang, National Cheng Kung University, Taiwan

17.30 – 18.30 "Bierfass" reception in the exhibition hall sponsored by



AIR MERCURY
THE SHREDDER RESIDUE COMPANY

19.30 Networking dinner and Cow Bell Award

Thursday, 21st January 2010

Session 4: Harmonization of recycling standards
Session Chairman: Norbert Zonneveld, EERA, Netherlands

- 09.00 – 09.30 "WEEE label of excellence (WEEELABEX): Status report and next steps"
Pascal Leroy, WEEE Forum, Belgium
- 09.30 – 10.00 "The importance of one standard in the WEEE recycling chain"
Jan Visser, Coolrec bv, Netherlands
- 10.00 – 10.30 "E-stewards certification program"
Jim Puckett, Basel Action Network (BAN), USA
- 10.30 – 11.00 "Responsible recycling ("R2") practices for use in accredited certification programs"
A representative of the R2 standard process, USA

11.00 – 11.30 Coffee break

Session 5: Environmental benefits of recycling
Session Chairman: Manfred Beck
Recycling International
Netherlands

Parallel Session: Country reports I
Session Chairman: Klaus Hieronymi
Hewlett-Packard Europe, M East/Africa

- 11.30 – 12.00 "The impact of E&E scrap recycling on carbon dioxide emissions"
Patrick Lampert
RUAG Schweiz AG, Switzerland
- 12.00 – 12.30 "Incineration vs. recycling of WEEE plastics – results of a life cycle assessment case study"
Dr Patrick Waeger
EMPA – Materials Science & Technology
Switzerland
- "Development of North-American e-scrap regulations compared with European experience"
Hans-Jochen Lückefett
1WEEE Services GmbH, Germany
- "Determination of ROHS substances in battery, IT products and cell phones"
Prof. João Tito Borges
Lutheran University of Brazil
Brazil

12.30 – 14.00 Lunch

Session 6: Investing in tough times
Session Chairman:
Manfred Fahrner
ALBA R-plus GmbH, Germany

Parallel Session: Country reports II
Session Chairman: Klaus Hieronymi
Hewlett-Packard Europe, M East/Africa

- 14.00 – 14.30 "Crisis: An opportunity for recycling"
Frédéric Sanchez
VEOLIA Propreté
France
- 14.30 – 15.00 "WEEE recycling after the financial crisis"
Phär Oscar
Stena Technoworld AB
Sweden
- 15.00 – 15.30 "Let's restore the environment through technology & solutions"
Mohamed Gani Ansari
Cimelia Resource Recovery Pte. Ltd.
Singapore
- "E-waste recycling in India – Bridging the formal-informal divide"
Dr Lakshmi Raghupathy (MAIT-GTZ) & Dr Ashish Chaturvedi (GTZ-ASEM)
India
- "WEEE-Recycling in Denmark – the visibility of a scheme's management"
Helmut Minor
RENE AG – Recycling Network
Europe, Germany
- "Bridging the gap between formal and informal recovery in contemporary WEEE management: A case study in Central Greece"
Avraam Karagiannidis
Aristotle University of Thessaloniki
Greece

15.30 – 16.00 Coffee break

Session 7: Challenges in metal recycling
Session Chairman: Stéphane Burban, Xstrata Copper Canada, Switzerland

- 16.00 – 16.30 "The race is on – increasing competition between electronics and other emerging applications for technology metals"
Dr Christian Hagelüken, Umicore AG & Co. KG, Germany
- 16.30 – 17.00 "Smelting – your route to accountability"
Claes Göran Nordlund, Boliden Commercial AB, Sweden

from 17.00 Cocktail reception in the exhibition hall
sponsored by



Plant tours on Friday, 22nd January 2010

Every participant may choose one of the following tours:

Plant tour to UFH RE-cycling GmbH, Kematen



| | |
|---------------|---|
| 08.00 | Departure by bus to UFH RE-cycling GmbH |
| 10.00 | Arrival at UFH RE-cycling GmbH |
| 10.00 – 12.30 | Visit of the fridge recycling plant |
| 15.00 * | Arrival at Salzburg Airport |
| 15.30 | Arrival at the Salzburg Congress Center |

UFH RE-cycling – fridge recycling at its best

In response to the increasing scarcity of raw materials and the resulting rise in the demand for secondary raw materials, UFH, Austria's market leader in collection and recycling systems, and REMONDIS, one of the world's largest privately owned water and environmental service companies with its headquarters in Lünen, Germany, undertook the joint project "UFH RE-cycling" last year.

Austria's most modern processing centre for fridges and freezers extends across a 15,000m² site and operates a three-shift model, allowing it to process nearly 300,000 cooling units a year - or roughly 1,000 units a day. This means that over 400 kilograms of CFCs and other coolants and pump fluids are recovered and disposed of properly each day.

UFH RE-cycling was opened in February 2009 after a construction period of just under eight months.

www.ufhrecycling.at

Plant tour to MONTANWERKE BRIXLEGG AG, Brixlegg



| | |
|---------------|---|
| 09.00 | Departure by bus to Montanwerke Brixlegg AG |
| 11.00 | Arrival at the Montanwerke Brixlegg AG |
| 11.00 – 13.00 | Visit of the copper smelter |
| 15.00 * | Arrival at Salzburg Airport |
| 15.30 | Arrival at the Salzburg Congress Center |

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.

www.montanwerke-brixlegg.com

Plant tour to Gebr. Gratz GmbH, Edt/Lambach and LAVU AG, Wels



| | |
|---------------|---|
| 08.00 | Departure by bus to Gebr. Gratz GmbH |
| 10.00 | Arrival at Gebr. Gratz GmbH |
| 10.00 – 11.00 | Visit of the shredder plant of Gebr. Gratz GmbH |
| 11.00 | Departure to LAVU AG |
| 11.30 | Arrival at LAVU AG |
| 11.30 – 15.00 | Visit of the waste logistic centre of LAVU AG |
| 17.00 * | Arrival at Salzburg Airport |
| 17.30 | Arrival at the Salzburg Congress Center |

Gebrüder Gratz was established in 1938 and currently employs 75 staff members.

The present site was built in 1988 and consists of a 1.250 PS shredder, an 800t scrap shear as well as a non-ferrous metal preparation plant.

Per annum amounts of 12.000t scrap iron and 6.000t metal are sorted and pre-processed, while 10.000 car wrecks are drained and 2.000t of electronic scrap are processed.

This year a waste water system dealing with the sewage of the whole site went live.

The current export rate amounts 70%.

www.gratz-schrott.at

LAVU AG, an enterprise owned by the Upper Austrian waste management associations, is well known for the RCC-system, a trend-setting system for the collection of recyclable waste. In the last 20 years a region-wide net of 185 "recyclables collecting centres" (RCC) has been established in which 80 different waste materials are collected separately. LAVU AG is in charge of planning and establishing the infrastructure of these RCCs and also controls the management and staff recruitment for these centres. Since 1999, all RCC, operated by LAVU AG, have been certificated according to ISO 14001.

The Waste Logistics Centre (WLC) of LAVU AG, situated in the centre of Upper Austria at Wels, serves as the functional and logistic turntable for the RCC-system. From there LAVU is responsible together with specialized partners for subsequent recovery (recycling rate of 90 %) of 80 different waste materials. In 2008 more than 210.000 tons (153 kg/cap.) were collected by the RCC.

LAVU AG is also responsible for collection & handling of discarded oils and preparation for conversion into bio-diesel. Further the WEEE category "small electrical appliances" is dismantled by LAVU itself at the WLC.

www.lavu.at

Plant tour to Müller-Guttenbrunn Group:

Metall Recycling Mü-Gu GmbH, Amstetten

Metran Rohstoff-Aufbereitungs GmbH, Kematen

MBA Polymers Kunststoffverarbeitung GmbH, Kematen

Your partner  means business

Müller-Guttenbrunn Group



MBA Polymers Austria
Kunststoffverarbeitung GmbH

- | | |
|---------------|--|
| 08.00 | Departure by bus to Müller-Guttenbrunn Group |
| 10.00 | Arrival at the above mentioned 3 companies |
| 10.00 – 14.00 | Visit of the shredder plant of Metall Recycling Mü-Gu GmbH |
| | Visit of the metal separation plant of Metran |
| | Visit of the plastic recycling plant of MBA Polymers |
| 16.30 * | Arrival at Salzburg Airport |
| 17.00 | Arrival at the Salzburg Congress Center |

The **Metall Recycling Mü-Gu 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.

www.mueller-guttenbrunn.at
www.mbapolymers.at

*No guarantee on arrival time due to traffic conditions

“Meet your clients” Networking Dinner

On Wednesday, January 20, 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!



Meet friends and
business partners in a
nice atmosphere!





Exhibition

A large exhibition area will be offered to companies wishing to display their products or advertising materials.

The fees for an exhibition booth for the full time of the conference are:

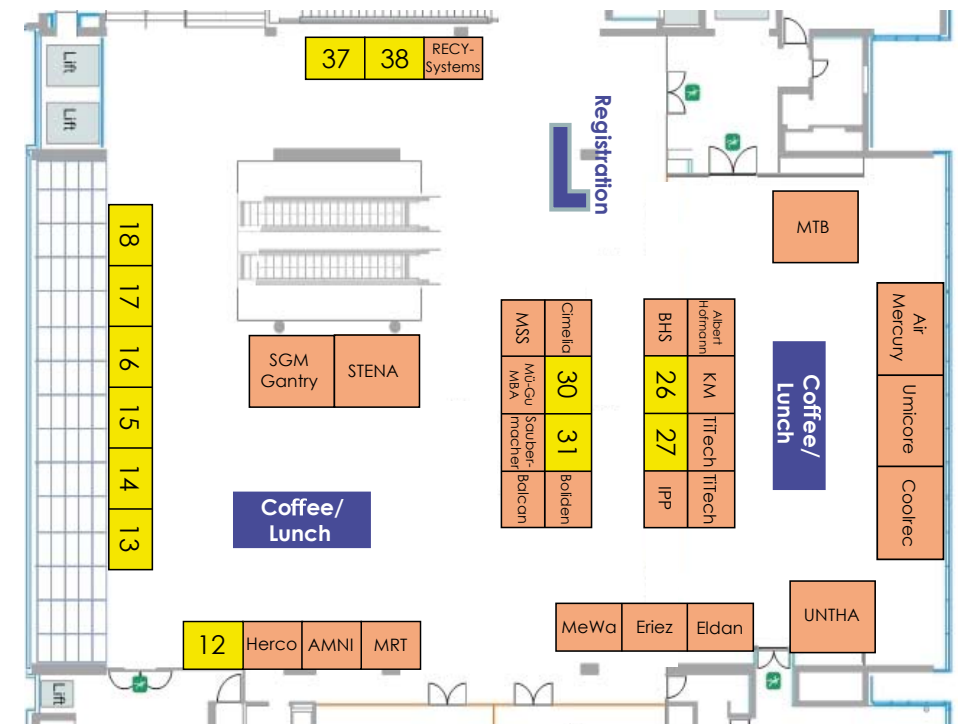
Booth 6 m²
2 m x 3 m **EUR 3'000.-**

Booth 12 m²
3 m x 4 m **EUR 4'500.-**

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



Layout Exhibition



Exhibitors per September 25, 2009

- Air Mercury AG, Switzerland
- Albert Hoffmann GmbH, Germany
- AMNI Maschinenbau GmbH, Germany
- Balcan Engineering Ltd., United Kingdom
- BHS-Sonthofen GmbH, Germany
- Boliden, Sweden
- Cimelia Resource Recovery Pte. Ltd., Singapore
- Coolrec Group, Netherlands
- Eldan Recycling A/S, Denmark
- Eriez Magnetics Europe Ltd., United Kingdom
- Herco Kühltechnik GmbH, Germany
- IPP Logipal B.V., Netherlands
- KM Key Machinery GmbH, Germany
- MeWa Recycling Maschinen und Anlagenbau GmbH, Germany
- MRT System International AB, Sweden
- MSS, Inc., USA
- MTB-Recycling, France
- Müller-Guttenbrunn Group / MBA Polymers, Austria
- RECY SYSTEMS AG, Germany
- Saubermacher Dienstleistungs AG, Austria
- SGM Gantry, Belgium
- Stena Technoworld AB, Sweden
- TiTech GmbH, Germany
- Umicore Precious Metals Refining, Belgium
- UNTHA Recyclingtechnik GmbH, Germany

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

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International Congress & Marketing
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5708 Birrwil, Switzerland

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Jeanette Duttlinger
Congress Organizer



Yvonne Steiner
Congress Assistant



Claudia Gerstendörfer
Congress Assistant



Susann Schmid
Congress Assistant



Ying Liu
Congress Assistant



Sibylle Zimmerli
Congress Assistant

Registration Fees

Registration for the congress should be made by means of the registration form. Participants registering and paying **before November 30, 2009** will benefit from a reduced registration fee. The registration fee includes congress, entrance to the exhibition, proceedings and luncheons.

| | before Nov. 30, 2009 | after Nov. 30, 2009 |
|---|-------------------------|------------------------|
| Congress Fee | | |
| Fee for participants | € 1'390.– | € 1'490.– |
| Fee for speakers | € 790.– | € 890.– |
| Fee for students | € 590.– | € 690.– |
| Networking dinner (January 20, 2010) | € 100.– | € 110.– |
| Plant tours (January 22, 2010): | | |
| – UFH Re-cycling GmbH, Kematen | € 30.– | € 50.– |
| – Montanwerke Brixlegg AG, Brixlegg | € 30.– | € 50.– |
| – Gebr. Gratz GmbH, Edt and LAVU AG, Wels | € 30.– | € 50.– |
| – Müller-Guttenbrunn, Metran and MBA Polymers | € 30.– | € 50.– |
| Accompanying Person (spouse) | | |
| Networking dinner (January 20, 2010) | € 110.– | € 120.– |

All prices excl. Austrian VAT

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.

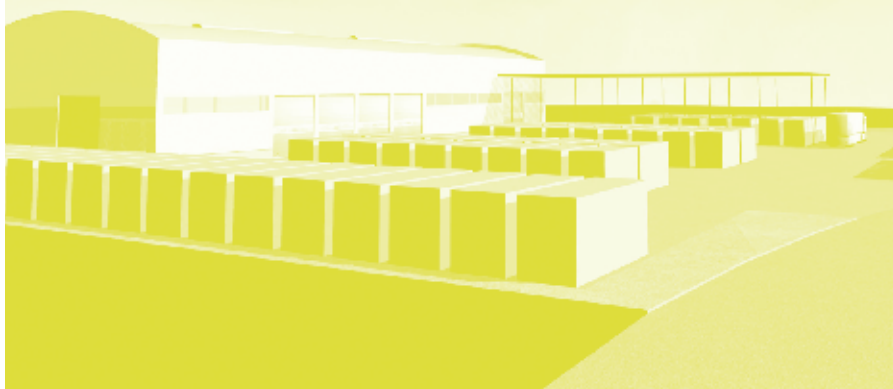
Wire payment to:

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



UFH RE-cycling – fridge recycling at its best

UFH RE-cycling is Austria's most modern processing centre for fridges and freezers. Cutting-edge technology allows for the recovery of almost 95% of the materials from a cooling unit, which can then be used as raw materials for new products.



UFH RECYCLING

UFH RE-cycling GmbH · Wirtschaftspark Kematen, 3331 Kematen/Ybbs, Austria
T (07476) 76401-0 · F (07476) 76401-20 · office@ufhrecycling.at · www.ufhrecycling.at



100% RECYCLING



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

a company of A REC INDUSTRIES AG

MONTANWERKE 
BRIXLEGG

Schrott ist Rohstoff



GEBRÜDER GRATZ Ges.m.b.H.
Schrott . Metalle . Shredder
Nutzseisen . Brennstoffe

A-4650 Edt/Lambach
Linzer Straße 21
Tel. 07245/28815-0
Telefax 07245/28828-18
Mail office@gratz-schrott.at
www.gratz-schrott.at



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



www.lavu.at



A TREND-SETTING SYSTEM FOR THE COLLECTION OF RECYCLEABLE WASTE

LAVU AG is responsible for the establishment of a region-wide net comprising 185 recyclables collection centres (RCCs) in Upper Austria with following special characteristics:

- uniformity throughout the province about what is collected and how it is operated
- great variety of collectable materials - 80 different waste categories
- high recycling rate of 90 %
- waste materials from both private and commercial waste holders are accepted
- specific logistic-system and data-management
- high economic efficiency

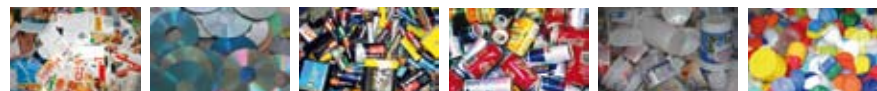
More information at: www.lavu.at or www.altstoffsammelzentrum.at

O.Ö. Landes-Abfallverwertungsunternehmen AG

A-4600 Wels, Maderspergerstraße 16

Phone: +43 7242/77977-0, Fax: +43 7242/77977-5

E-Mail: office@lavu.at



MBA Polymers Austria

Responsibility starts with the raw material

Plastic rich
fractions from
durable goods ...



... to make
recycled
plastics



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