The International Congress for Battery Recycling is an event that cannot be missed by anyone interested in this important field and in fact, it comes punctual also this year to provide its unique forum where scientists, engineers, producers and recyclers can meet to share their views and discuss their business.

This year’s edition will open with a session offering keynote speeches delivered by EU experts who will report on the legislation in force in the commission, as well as on the evolutions planned for the years to come. We will then move to a session devoted to new challenges for the battery manufacturers and recyclers. A good part of it will be devoted to the emerging systems and, in particular, to lithium batteries. Here the key question is whether these batteries, which are produced at a rate of several billion units per year for the consumer electronics market and which soon will be scaled up to modules for electric vehicles, can be properly and profitably recycled. This quandary will be addressed in the session and further debated in the Round Table scheduled on the second day of the congress. The program will then include sessions dealing with market and collection opportunities, with the description and evaluation of recycling plants and processes in operation worldwide, all delivered by leading experts in the field.

This ICBR 2011 has an extra touch of sophistication given by the choice of its location in a city which is worldwide known for its setting and art treasures. I am sure that the participants in addition of professionally benefitting from the technical sessions of the meeting, will also enjoy strolling in the “calle”, crossing the bridges and possibly, even by experiencing an exciting gondola trip on Gran Canal.

The well-known, traditional high class of the ICBR series will be kept, if not even surpassed, in this edition by the high standard of the social activities that include a super network dinner event, where the participants may enjoy excellent food and have a pleasant, relaxing site for establishing their business contacts. No doubt that ICBR 2011 will be an unforgettable event for all of us.

Welcome to ICBR 2011, welcome to romantic Venice!
The 16th International Congress for Battery Recycling will be held from **September 21 – 23, 2011** in the beautiful Grand Hotel Excelsior in romantic Venice.

**Grand Hotel Excelsior *****
Venice Lido Resort
Lungomare Marconi, 41
30126 Venezia Lido, Italy

Phone  +39 041 526 02 01
Fax  +39 041 526 72 76
www.hotelexcelsiorvenezia.com

The Grand Hotel Excelsior is located right on the Venice Lido Beach, 5 minutes bus drive from the water boat station “Lido”.

**From Marco Polo International Airport**
From the Marco Polo Airport the hotel can be reached by a free hotel-shuttle-boat or by public transportation operated by “Alilaguna”. At the airport, please follow the signs to the boat station of Alilaguna (ca. 7 min. walk). The boat is available on a regular basis from the airport water pier to the Santa Maria Elisabetta at Lido Stop. After about 50 minutes boat trip, please get off at the stop “Lido” and take Bus V or a taxi to the Hotel. (www.alilaguna.com)

**From Santa Lucia train station**
Waterbus (Vaporetto) No. 1, 51 or 82 is available on a regular basis from the waterfront outside the railway station to the Santa Maria Elisabetta stop. The hotel is just a short taxi ride from Santa Maria Elisabetta. Buses are also available.

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**RUSKA KELEVSKA**
European Commission
DG Environment
Unit Waste Management
Administrator
Belgium

**THE IMPORTANCE OF BATTERY RECYCLING FOR A RESOURCE-EFFICIENT EUROPE**

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**IAIN JAWAD**
Frost & Sullivan
Director Strategic Partnerships
United Kingdom

**THE ELECTRIC VEHICLE MEGA TREND: REUSE AND RECYCLING TO ENSURE THE COMPLETION OF THE ‘GREEN CAR’**
PROFESSOR BRUNO SCROSATI
Chairman
University La Sapienza (Rome)
Department of Chemistry
Italy

DR JEAN-POL WIAUX
Chairman of the Scientific Committee
RECHARGE
Manager
Belgium

JACQUES DAVID LEDGER
SAFT
Managing Director
France

ANDREAS KREBS
Batrec Industrie AG
Managing Director
Switzerland

JILL LEDGER
SAFT
Corporate Communication and Investor Relations Director
France

TOSHIO MATSUOKA
Matsuoka Technical Consultant Ltd.
Consultant
Japan

CARL E. SMITH
Call2Recycle® operated by RBRC
CEO/President
USA

MIKE TAKAO
Sanyo Electric Co., Ltd.
Mobile Energy Company Senior Manager
Japan

MARK TOMASZEWSKI
Inmetco Inc.
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Belgium

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Stiftung GRS Batterien
Managing Director
Germany

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For the participants of the congress a number of rooms are held at a special rate if you register before August 12, 2011. If you wish, you may also extend your stay at this lovely hotel at the same special rate.

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Venice Lido Resort
Lungomare Marconi, 41
30126 Venezia Lido
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Phone +39 041 526 02 01
Fax +39 041 526 72 76
www.hotelexcelsiorvenezia.com
(congress place)

The city of Venice is simply stunning and completely unique. It was founded more than 1,500 years ago. The city stretches across 117 small islands and is linked by a series of over 150 canals, 400 bridges and many ancient pavements. It has a population of 272,000 habitants.

The historic city centre of Venice is divided into six quarters (sestieri) – Cannaregio, Castello, Dorsoduro, San Marco, San Polo and Santa Croce.

In 1866, Venice became part of Italy. It is now one of Italy’s most popular tourist’s destinations, due to its romantic canal, very old churches and beautiful palazzi. Many people consider Venice – along with Paris – to be one of the most romantic cities in the world. Today there are numerous attractions in Venice, such as St Mark’s Basilica, the Grand Canal and the Piazza San Marco, to name a few. Furthermore, the Lido di Venezia (conference place) is a popular international luxury destination, attracting thousands of actors, celebrities and mainly people in the cinematic industry.

The Rialto Bridge is Venice’s most famous bridge. This grand stone arch is the oldest of three bridges that span the Grand Canal and is an iconic symbol of Venice.

Water is the main form of transportation to and around Venice and remember the only way you can directly reach Venice hotels is by water taxi. Venice is one of the most important tourist destinations in the world, due to the city being one of the world’s greatest and most beautiful cities of arts.

www.venice.world-guides.com
08.00 – 09.45  Registration, welcome coffee and tea

09.45 – 10.00  “Welcome and Introduction”
Prof. Bruno Scrosati, Chairman of the Steering Committee

10.00 – 12.00  KEYNOTE SPEAKERS

“Welcome Address”
Opening Speaker

“The importance of battery recycling for a resource-efficient Europe”
Ruska Kelevska, European Commission, Belgium

“The electric vehicle mega trend: Reuse and recycling to ensure the completion of the ‘Green Car’”
Iain Jawad, Frost & Sullivan, United Kingdom

12.00 – 13.30  Lunch in the exhibition area

Session 1:  Legislative, regulatory and market update
Session Chairman:  Carl E. Smith, Call2Recycle®, USA

13.30 – 14.00  “Progress on safety issues and certification of the battery recycling value chain”
Dr Alain Vassart, EBRA, Belgium

14.00 – 14.30  “Review of regulations affecting the transport of waste batteries”
Dr Marco Ottaviani, ANIE-CSI, Italy

14.30 – 15.00  “The contribution of advanced rechargeable batteries to a resource efficient society”
Dr Jean-Pol Wiaux, RECHARGE, Belgium

15.00 – 15.30  Coffee break in the exhibition area

Session 2:  Fast developing markets and collection opportunities
Session Chairman:  Johan van Peperzeel, Van Peperzeel B.V., Netherlands

15.30 – 16.00  “New technologies require faster feedback loop”
Alfons Westgeest and Mario Natafucci, EUROBAT, Belgium

16.00 – 16.30  “Battery recycling and the recovery of ‘critical materials’”
Dr Adrian Chapman, Oakdene Hollins Ltd, United Kingdom

16.30 – 17.00  “North American battery recycling legislative update”
Carl E. Smith, Call2Recycle®, USA

17.00 – 17.30  “European platform for registration, reporting and CRO services”
Jan Bartels, STIBAT, Netherlands

19.30  Cocktail reception sponsored by RECHARGE

20.00  Networking dinner
## Session 3: Reports on member states collection programs
**Session Chairman:** Gert-Jan van der Have, Recycling International Magazine, Netherlands

<table>
<thead>
<tr>
<th>Time</th>
<th>Presentation</th>
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<tbody>
<tr>
<td>09.00 – 09.30</td>
<td>“Compliance and collection system in operation in Ireland since 2008” Sandra Hopkins, WEEL Ireland, Ireland</td>
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<tr>
<td>09.30 – 10.00</td>
<td>“2010 first year of implementation of polish battery act and what’s ahead” Michal Korkozowicz, REBA Organizacja Odzysku S.A., Poland</td>
</tr>
<tr>
<td>10.00 – 10.30</td>
<td>“Country report of collection scheme for portable batteries and nationwide take back system for industrial battery” Dr Imke Schneider and Imke May, Stiftung GRS Batterien, Germany</td>
</tr>
</tbody>
</table>

**10.30 – 11.00** Coffee break in the exhibition area

## Session 4: Consumer behaviour
**Session Chairman:** Dr Jean-Pol Wiaux, RECHARGE, Belgium

<table>
<thead>
<tr>
<th>Time</th>
<th>Presentation</th>
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<tbody>
<tr>
<td>11.00 – 11.30</td>
<td>“Results of the study performed in Belgium on the quantity of batteries at home (in use and in storage) and on consumer behaviour regarding collection and recycling of spent batteries” Peter Coonen, BeBat, Belgium</td>
</tr>
<tr>
<td>11.30 – 12.00</td>
<td>“Method and equipment for evaluation on reusability of Lithium-Ion based cells taken from defective battery” Astrid Aramberger, University of Leoben, Austria</td>
</tr>
<tr>
<td>12.00 – 12.30</td>
<td>“Mining waste for critical information – What wasted batteries tell us about consumer behaviour, product adoption and the future of recycling” Hans Eric Melin, Optisort AB, Sweden</td>
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</table>

**12.30 – 14.00** Lunch in the exhibition area

## Session 5: Recycling of rechargeable batteries
**Session Chairman:** Andreas Krebs, Batrec Industrie AG, Switzerland

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<tr>
<th>Time</th>
<th>Presentation</th>
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<tbody>
<tr>
<td>14.00 – 14.30</td>
<td>“Processing of Li-based electric vehicle batteries for maximized recycling efficiency” Prof. Bernd Friedrich, RWTH Aachen University, Germany</td>
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<tr>
<td>14.30 – 15.00</td>
<td>“Resource savings by advanced battery recycling” Dr Geert Van der Vorst, Ghent University, Belgium</td>
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<tr>
<td>15.00 – 15.30</td>
<td>“NiMH and Li-Ion batteries recycling by PlasmaEnvi® technology” Stanislav Micanik, SAFINA, a.s., Czech Republic</td>
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</table>

## Session 6: Recycling of primary batteries
**Session Chairman:** Dr Alain Vassart, EBRA, Belgium

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<tr>
<th>Time</th>
<th>Presentation</th>
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<tbody>
<tr>
<td>14.00 – 14.30</td>
<td>“Recycling of spent anodes of alkaline batteries for elaboration of corrosion resistant aluminum alloys by aluminothermic reduction of ZnO” Dr Jesus Torres Torres, CINVESTAV-IPN, Saltillo, Mexico</td>
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<tr>
<td>14.30 – 15.00</td>
<td>“Method of effectively recycling spent lithium primary batteries at low cost” Wook Hwan Huh, Extol Co. Ltd., Korea</td>
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<tr>
<td>15.00 – 15.30</td>
<td>“Analysis and development of a process for depleting and recycling of lithium primary batteries” Angelo Forestan, Fortom Chimica Srl, Italy</td>
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**15.30 – 16.00** Coffee break in the exhibition area

## ROUND TABLE DISCUSSION: “Is the industry ready for the electric vehicle boom?”
**Moderator:** Willy Tomboy, Toyota Motor Europe, Belgium

**Participants:**
- Stephane Gillet, Renault, France
- Iain Jawad, Frost & Sullivan, United Kingdom
- Alain Vassart, EBRA, Belgium

**17.00** Cocktail reception and poster presentations in the exhibition area
FIAMM studies innovative products and solutions for an eco-sustainable transport like AGM batteries, used for Stop&Start systems; Zebra Sonick batteries that power electric vehicles; FIAMM Sonick batteries for industrial utilities, smart grid and renewable energy industrial both using 100% recyclable sodium-nickel; and innovative acoustic devices to indicate the presence of electric vehicles. For FIAMM innovation means planning and creating solutions which do not harm the environment but which accumulate always new energy.

FIAMM. Innovative ideas and products for sustainable transport and renewable energy.

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The FIAMM Group is an Italian multinational, specialized in consolidated sectors such as the supply of solutions for the mobility world (starter lead acid batteries for standard and micro-hybrid cars, horns, antennas and wiring) and lead-acid batteries for power backup systems and uninterruptible power supplies (UPS).

Over 3,000 employees, 11 production plants all over the world, seventy percent of its sales overseas, 60 years of experience producing and selling his products always inspired by deep knowledge of the product, proximity and ability to fulfill customer requirements, excellence and continuous improvement: a solid and competitive industrial base with a global distribution and commercial network led FIAMM to be the world leader in the market of acoustic devices, with significant position in all other sectors.

It is projected towards the future with the production of sodium batteries as well as with the study and industrialization of OLED (organic light-emitting diode) technology, now at an advanced stage. FIAMM produces and supplies sodium batteries under the Sonick brand for the telecommunications, utilities and electric mobility sectors. The specificity of these batteries guarantees optimum functionality at high temperatures and this, combined with the regular power output and excellent battery cycle capability that distinguish them even in the absence of continuous production, makes them particularly suitable for use in the renewable energy sources context (wind, solar).

Empowered by this synergic and composite structure, today FIAMM has an internal structure dedicated to the supply of solutions for little energy islands and for large-scale storage, capable of following both turnkey projects and consultancy in this framework in a complete and professional manner. More information at: www.fiamm.com

* No guarantee on arrival time due to traffic conditions.
HALF-DAY LAGOON TOUR

Enjoy an interesting sightseeing boat tour around Venice and explore the little islands of the lagoon.

08.00  Departure from Grand Hotel Excelsior by boat
08.45  Arrival on the island Murano
09.45  Departure from Murano
10.20  Arrival on the island Burano
11.10  Departure from Burano
12.00  Arrival and final stop at Piazza San Marco

The main attractions of the tour are the two popular islands Murano and Burano. Murano is the island of the famous “Murano Glass”. Here will be visited a private collection of glassware, where you have the unique opportunity to see glass masters at work. The fisherman’s island Burano is renowned for lace making and the pretty colourful painted houses.

The tour will take about 4 hours and ends at Piazza San Marco, the centre of Venice. There you have the possibility to discover the romantic city by yourself or you can take the hotel shuttle boat or the public water taxi back to the Lido (Grand Hotel Excelsior) and enjoy the beautiful beach.
Networking at a “traditional Venetian ball night”

All guests will enjoy a “traditional Venetian night”. Come, enjoy and be surprised!

The dance, the secrets, the unknown between women and men – you won’t believe!

Casanova is real on San Clemente Island on Wednesday September 21, 2011.

Registration for the congress should be made by means of the registration form. Participants registering and paying before July 31, 2011 will benefit from a reduced registration fee. The registration fee includes congress, entrance to the exhibition, proceedings and luncheons.

Meet friends and business partners in a relaxed atmosphere!

**NETWORKING DINNER**

<table>
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<tr>
<th><strong>REGISTRATION FEES</strong></th>
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<tr>
<td><strong>Congress Fee</strong></td>
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<tr>
<td>before July 31, 2011</td>
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<td>Fee for participants</td>
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<td>Fee for speakers</td>
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<td>Fee for students</td>
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<tr>
<td>Networking dinner (Sept. 21, 2011)</td>
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<tr>
<th><strong>Plant and sightseeing tours (Sept. 23, 2011):</strong></th>
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<tr>
<td>– FIAMM S.p.A., Veronella</td>
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<td>– Sightseeing in Venice</td>
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<tr>
<th><strong>Accompanying Person (spouse)</strong></th>
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<tr>
<td>Networking dinner (Sept. 21, 2011)</td>
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<th><strong>Register on site</strong></th>
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<td>Fee</td>
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**Additional Proceedings**

If it is not possible for you to attend the congress, you may purchase the complete proceedings at € 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
- **Bank:** Neue Aargauer Bank, 5400 Baden, Switzerland
- **IBAN:** CH41 0588 1044 7941 7200 0
- **Swift code:** AHHBCH22XXX
A special exhibition will be organized for companies wishing to display their products or advertising materials.

The fee for an exhibition stand (2 m x 3 m) is € 2'500.– and for a poster presentation € 290.– for the full time of the conference.

Space is limited, so take the chance and book your exhibition stand or your poster presentation today!

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<th>As per May 26, 2011:</th>
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<tr>
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<td>ECO-PIL, Spain</td>
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<td>Euro Dieuze Industrie / Veolia Propreté, France</td>
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<td>LAB23, Italy</td>
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<td>Metal Depot Zurich AG, Switzerland</td>
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<td>OPTISORT</td>
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<td>Optisort AB, Sweden</td>
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<td>Umicore Battery Recycling, Belgium</td>
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<td>UNTHA shredding technology, Austria</td>
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<td>Valdi, France</td>
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<td>Xstrata Nickel International S.A., Belgium</td>
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</tbody>
</table>
WHO SHOULD ATTEND?

- Battery producers
- Recycling companies
- Waste management companies
- Battery collection schemes
- Battery collection and transportation companies
- Non ferrous metal traders
- Non ferrous metal industry
- Associations in the field of battery waste management
- Financing organization for battery recycling
- Environmental authorities
- Laboratories for material science
- Universities and research institutes
- Consultants

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SUSANN SCHMID
Congress Assistant

CLAUDIA GERSTENDÖRFER
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CORINNE KONRAD
Congress Assistant

SANDRA MANNHART
Congress Assistant

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„I am looking for alternatives to ensure my portfolio.“