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7th International Automobile Recycling Congress:



7th International Automobile Recycling Congress

March 21 – 23, 2007
Amsterdam, Netherlands



Patronage:



Sponsored by:



Foreword of IARC 2007

“The International Automobile Recycling Congress is a great platform to meet important persons from automobile manufacturing, scrap recycling industry and authorities.”

In the name of the International Steering Committee and the Organizer I welcome you to the 7th IARC.

We try to offer you the best platform possible, where experts from the recycling business meet and exchange information in order to make the right decisions. In the recycling world there is one major problem left: The international level playing field for our businesses. I would like to give you a few examples:

- The car manufacturers do face very complex laws and regulations regarding design and recycling of cars, as well as many different take back schemes varying from one country to the other.
- The recycling industry has to reach tough targets imposed by never ending laws and regulations and at the same time compete with lowest salaries and lowest environmental consciousness of third world companies.
- The authorities should implement all the new regulations, monitor the business and make action regarding law enforcement whenever it is necessary.

Business should be KISS, “keep it simple, stupid”, but as we all know, simple is not easy. Only those who are making the right decisions and have effective networks will make money. Where are the future markets, what are the most profitable business areas, where can we buy the best available technologies and how to get in touch with the most potential business partners? The speakers and participants of IARC are trying to give you some answers about this very challenging situation.

I look forward to meeting you in Amsterdam and wish you a very pleasant stay in the beautiful city, an interesting congress and many KISS conclusions.

Roger Burri

Chairman of the Steering Committee
International Automobile Recycling Congress

Keynote Speakers



Karl-Heinz Florenz

Member of the European Parliament
Chairman of the Committee on the
Environment, Public Health and Food Safety
Germany

“Latest developments in EU waste policy!”



Roland Verstappen

ARCELOR MITTAL STEEL COMPANY Ltd.
Vice President of International Affairs and
Sustainable Development
United Kingdom

***“Double regulatory frameworks for
steel scrap?”***



Prof. Ir. Wijnand L. Dalmijn

Delft University of Technology
Netherlands

***“World metal reserves recycling of materials
and the challenges from changing
metal markets...”***

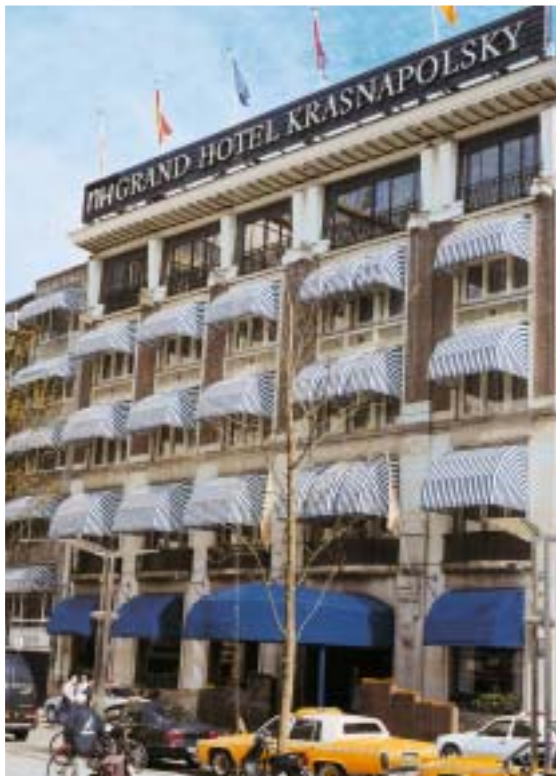


Location of the congress

The International Automobile Recycling Congress (IARC) will be held in the **Hotel Krasnapolsky** from **21–23 March 2007** in **Amsterdam, Netherlands**.

NH Grand Hotel Krasnapolsky*****

Dam 9
1012 JS Amsterdam
Netherlands
Phone: + 31 (0)20 554 91 11
Fax: + 31 (0)20 622 86 07
www.nh-hotels.com



International Steering Committee



Roger Burri, Chairman
Air Mercury AG
President
Switzerland



Julien Van Damme
Vice-Chairman
Honda Motor Europe Ltd.
Recycling Manager
Belgium



Prof. Ir. Wijnand L. Dalmijn
Chairman of the Scientific Committee
Delft University of Technology
Netherlands



Genkichi Ando
Seinan Corporation
Director
Japan



Dave Bebelaar
Auto Recycling Nederland (ARN)
Managing Director
Netherlands



Manfred Beck
Recycling International Magazine
Editor
Netherlands



Francesco Bonino
FIAT Research Center
System for the Environment
Expert
Italy



Olivier François
GALLOO SA
Environmental Manager
Belgium
VAL-RB, Director
France



Joseph M. Holsten
LKQ Corporation
CEO
USA



Fede Karrer
Foundation Auto Recycling
Switzerland
Delegate of the Board
Switzerland



Ferdinand Kleppmann
Foundation of the German Operators of Thermal Waste Incineration Plants (ITAD)
Chairman of the Board
Germany



Richard Paul
Automotive Recycling
Consultant
USA



Norbert Prüm
ARCELOR-MITTAL
CORPORATE Environment
Luxembourg



Willy Tomboy
Environment Officer /
Senior General Manager
Environmental Affairs Group
Toyota Motor Europe
Belgium



Rolf Willeke
Association of German Steel Recycling Companies
Executive Board Member
Germany

Congress Program IARC 2007

Wednesday, 21st March 2007

09.30 – 10.00	<p>“Welcome and Introduction” Roger Burri, Chairman of the Steering Committee</p> <p>KEYNOTE SPEAKERS:</p>
10.00 – 12.00	<p>“Latest developments in EU waste policy” Karl-Heinz Florenz, Member of the European Parliament, Chairman of the Committee on the Environment, Public Health and Food Safety, Germany</p> <p>“Double regulatory frameworks for steel scrap?” Roland Verstappen, ARCELOR MITTAL STEEL COMPANY Ltd., United Kingdom</p> <p>“Prices, resources and market development of metals” Prof. Ir. Wijnand L. Dalmijn, Delft University of Technology, Netherlands</p>
12.00 – 13.30	Lunch
<p>Session 1: <u>Plastics & ASR recycling and recovery I</u> Session Chairman: Rolf Willeke, BDSV, Germany</p>	
13.30 – 14.00	<p>“Converting organics materials from shredder residue into oil” Nakia L. Simon, DaimlerChrysler/Vehicle Recycling Partnership, USA</p>
14.00 – 14.30	<p>“Overview of the European incineration capacity for ASR” Ferdinand Kleppmann, CEWEP Europe, Germany</p>
14.30 – 15.00	<p>“Processing of shredder residue – Experiences and implications from the start-up of a processing plant at Antwerp” Sebastian Schülke, SiCon GmbH, Germany</p>
15.00 – 15.30	<p>“Cost-effective recovery of virgin quality PE- and PP-fractions from shredder residue” Ronny Denis, Toyota Motor Europe, Belgium</p>
15.30 – 16.00	Coffee break
<p>Session 2: <u>Plastics & ASR recycling and recovery II</u> Session Chairman: Olivier François, Galloo, France</p>	
16.00 – 16.30	<p>“The Scholz process – An answer to the German End-of-life vehicle directive” Volker Grunert, Scholz AG, Germany</p>
16.30 – 17.00	<p>“Recovery of plastics from automotive shredder residue” Mike Biddle, MBA Polymers, USA</p>
17.00 – 17.30	<p>“Autovinyle: A positive contribution to an economical and ecological route for the recycling of PVC based plastics used in cars” Jan De Greef, Autovinyle, France</p>
19.00	Networking dinner

Thursday, 22nd March 2007

<p>Session 3: <u>Legislation, monitoring and law enforcement</u> Session Chairman: Norbert Prüm, ARCELOR-MITTAL, Luxembourg</p>	
09.00 – 09.30	<p>“Transboundary movements of waste streams – Consequences of European legal framework?” Dr. Beate Kummer, Kummer-Umweltkommunikation, Germany</p>
09.30 – 10.00	<p>“Glass from ELVs: Should the EU-Directive allow post-shredder-technology besides dismantling?” Jan Vermoesen, COBEREC, Belgium</p>
10.00 – 10.30	<p>“Quota monitoring – Common manufacturer position” Michael Gremminger, General Motors Europe, Germany</p>
10.30 – 11.00	Coffee break
<p>Session 4: <u>Special challenges in car design regarding recycling</u> Session Chairman: Richard Paul, Automotive Recycling Consultant, USA</p>	
11.00 – 11.30	<p>“How to simulate vehicle recyclability for type-approval?” Hannes Rabitsch, Magna Steyr Fahrzeugtechnik AG & Co KG, Austria</p>
11.30 – 12.00	<p>“Recycling of automotive electrical & electronic systems: The SEES project” André Greif, Technical University Berlin, Germany</p>
12.00 – 12.30	<p>“How to improve the decision support in the car recycling process” Prof. Dieter H. Mueller, University of Bremen, Germany</p>
12.30 – 14.00	Lunch
<p>Session 5: <u>How do countries close the ELV recycling loop?</u> Session Chairman: Willy Tomboy, Toyota Motor Europe, Belgium</p>	
14.00 – 14.30	<p>“An overview of the automobile recycling in Brazil” Luiz Henrique Lopes Vilas, University of Caratinga (UNEC), Brazil</p>
14.30 – 15.00	<p>“Automobile recycling in the Baltic countries” Almontas Kybartas, Elektroniniu Masinu Perdirbimas (EMP), Lithuania</p>
15.00 – 15.30	<p>“ASR disposal in Switzerland – The way to an ecological and economical solution” Daniel Christen, Foundation Auto Recycling Switzerland, Switzerland</p>
15.30 – 16.00	Coffee break
<p>16.00 – 17.00 <u>ROUND TABLE DISCUSSION:</u> “How will the car recycling look in 2015?” Introduction: Dave Bebelaar, ARN, Netherlands Moderator: Manfred Beck, Recycling International Magazine, Netherlands</p>	
17.00	Cocktail reception in the exhibition hall

Friday, 23rd March 2007

Technical visits

Every participant may choose one of the following tours:

Tour GRANUBAND BV & HKS Metals, Amsterdam, Netherlands

09.00	Departure by bus from the Hotel Krasnapolsky to GRANUBAND
10.00	Arrival at GRANUBAND
10.00 – 12.00	Visit of the tyre recycling plant
12.15	Departure by bus to HKS Metals
12.30	Arrival at HKS Metals
12.30 – 14.00	Visit of the shredder plant of HKS Metals
15.30*	Arrival at the airport Schiphol, Amsterdam
16.00	Arrival at the Hotel Krasnapolsky



Since its foundation in 1991, GRANUBAND BV, the parent company of Granuflex®, has been active in recycling car tyres and manufacturing products of recycled rubber. As one of the largest processors in Europe, we recycle approximately 25'000 tons per year. In our state-of-the art facility the tyres are separated into rubber, steel and nylon components. Years of experience and know-how enable us to offer our customers the best rubber recycling solutions in Europe.

More information at: www.granuband.com



HKS Metals was founded in 1993 and belongs to CORUS, the Anglo-Dutch steel maker and the TSR-Group. TSR is a leading company in the recycling of steel scrap and non-ferrous metals with over 80 operation sites and some 1'500 employees in Germany, The Netherlands and Czech Republic. For TSR, steel recycling is an indispensable part of the recycling industry. TSR sees itself as a supplier to the steel industry and an intermediary between suppliers and customers. The materials are processed using the latest equipment such as baling machines, shears and shredders.

More information at: www.hks.nl

Tour MALTHA, Kaulille, Belgium

08.30	Departure by bus from the Hotel Krasnapolsky to MALTHA
11.00	Arrival at MALTHA
11.00 – 13.00	Visit of the glass recycling plant
15.30*	Arrival at the airport Schiphol, Amsterdam
16.30	Arrival at the Hotel Krasnapolsky



MALTHA Glasrecycling B.V. is specialised in the recycling of **container glass** (jars and bottles) and **flat glass** (window panes, mirrors, etc.). Every second, 10 kg of glass is delivered to MALTHA to be processed into raw materials for the glass and glass wool industries. Glass can be used and re-used many times without any deterioration in quality! MALTHA offers you the best solution for your glass waste and the highest quality cullet as a raw material.

More information at: www.maltha.nl

Tour RNS b.v., Harderwijk, Netherlands

09.00	Departure by bus from the Hotel Krasnapolsky to RNS
10.30	Arrival at RNS
10.30 – 13.30	Visit of the non ferrous metals recovery and separation plant
15.00*	Arrival at the airport Schiphol, Amsterdam
16.00	Arrival at the Hotel Krasnapolsky



RNS b.v. is a company specialised in separating non-ferrous metals mixes into individual non-ferrous metals fractions which are sold directly to foundries in Europe and worldwide. We process materials from car-shredder plants, other floatation plants and waste incineration plants. RNS b.v. is located in Harderwijk, a very central location considering that our material comes from within a 600 km radius from several suppliers in the Netherlands, Germany, Denmark, Sweden, Belgium and France.

More information at: www.rns-nl.com

* No guarantee on arrival time due to traffic conditions.

“Meet your clients” Networking Dinner

On Wednesday, March 21, a special networking dinner will be organized in Amsterdam.

For participants, the networking dinner is included in the registration fee. Accompanying persons can register to the networking dinner by means of the registration form.

Do not miss this perfect possibility to meet your business partners.



Exhibition

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 EUR 2'500.- for the full time of the conference.

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



Hotel Accommodation

For the participants of the congress a number of rooms are held **until February 20, 2007 at a special rate** in the Krasnapolsky, Golden Tulip and City Centre hotel. 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.



NH Grand Hotel Krasnapolsky*****

Dam 9, 1012 JS Amsterdam
Phone: +31 (0)20 554 91 11
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www.nh-hotels.com

Congress place



Golden Tulip****

Nieuwezijdsdijk 19, 1012 PV Amsterdam
Phone: +31 (0)20 530 18 18
Fax: +31 (0)20 422 19 19

www.goldentulipamsterdamcentre.com

10 min. walking from the congress place



NH City Centre***

Spuistraat 288-292, 1012 VX Amsterdam
Phone: +31 (0)20 420 45 45
Fax: +31 (0)20 420 43 00

www.nh-hotels.com

5 min. walking from the congress place

Registration Fees

Registration for the congress should be made by means of the registration form. Participants registering and paying **before January 31, 2007** will benefit from a reduced registration fee. The registration fee includes networking dinner, meals and proceedings.

Congress Fee	before January 31, 2007	after January 31, 2007
Fee for participants	€ 1'390.-	€ 1'490.-
Fee for speakers	€ 790.-	€ 890.-
Fee for students	€ 490.-	€ 590.-
Visit to GRANUBAND & HKS Metals (March 23)	€ 30.-	€ 50.-
Visit to MALTHA (March 23)	€ 30.-	€ 50.-
Visit to RNS (March 23)	€ 30.-	€ 50.-
Networking dinner for accompanying persons (March 21)	€ 110.-	€ 120.-

Registration on site € 100.- surcharge

Additional Proceedings

If it is not possible for you to attend the congress, you can 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:

Bank:	Neue Aargauer Bank, 5400 Baden, Switzerland
Beneficiary:	ICM AG
Account number:	0885-447941-72
IBAN:	CH41 0588 1044 7941 7200 0
Clearing number:	5881
Swift code:	AHHBCH22XXX

Who should attend?

- Automobile manufacturers
- Automotive parts and materials suppliers
- Automobile importers and dealers

- Recycling and dismantling companies
- Shredding companies
- Steel industry
- Collectors of ELV

- Financing organizations for ELV recycling

- Environmental authorities
- Universities and research institutes
- Laboratories for material science
- Consultants

Organizer of the IARC

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Jeanette Duttlinger
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Ying Liu
Congress Assistant



Susann Schmid
Congress Assistant



Yvonne Steiner
Congress Assistant



Petra Fiorentin
Congress Assistant

Beautiful Amsterdam



Amsterdam, known across the world as the northern Venice because of its beautiful canals, is the capital of the Netherlands.

The city stands on 90 bridge-connected isles, which give the city a special charm, and, together with the tolerant character of its people, make it a very unique travel destination.

Besides being one of Europe's most important financial centres, Amsterdam has a rich cultural heritage, with its first university dating from 1632 and many museums housing priceless art collections, such as the Rijksmuseum, founded in 1885.

Amsterdam is the perfect spot for professional events that require a combination of modernity, a cosmopolitan atmosphere and culture.

www.visitamsterdam.nl

Travelling to Amsterdam

You can easily reach Amsterdam by plane, train and car.

Schiphol Airport is well connected to Amsterdam city center by rail and road. A large number of regular and shuttle services are available for transportation into Amsterdam and back to Schiphol. Public transport in Amsterdam is reliable and relatively inexpensive, making buses and trains a good option for the traveller.

www.bereikbaar.amsterdam.nl





Purity is our Priority

Since its foundation in 1991, Granuband B.V., the parent company of Granuflex®, has been active in recycling car tyres and manufacturing products of recycled rubber.



As one of the largest processors in Europe, we recycle approximately 25,000 tonnes per year. In response to technological advances and increasingly complex requests from our customers, we invested in a high-tech factory.

PRODUCTS AND SERVICES
Our leading product assortment covers anything from 5" shreds to pure fine rubber powder. The most commonly requested granule sizes are 0.5 - 2 mm and 4 - 10 mm.

We also produce slabs from granules at our factory. Safety tiles, roof tiles, stable mats and EPDM tiles are examples of the tile assortment that we produce.



GRANUBAND BV
RECYCLING OF TYRES AND RUBBER WASTE
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The Netherlands
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Fax: +31 (0)20 - 4978216
www.granuband.com
info@granuband.com



HKS Metals

The Metal Recycler

The perfect partner

HKS Metals regards the recycling of metals as an industrial process from which high-grade raw materials are produced. The main activities of HKS Metals are: metal recycling and acting as intermediary between supplier and customer. The company has purchasing contacts with suppliers such as industrial companies, scrap-yards, utility companies, merchants and national and local government institutions. HKS Metals has direct sales contacts, both in and outside Europe, with customers such as steel producers, foundries and producers of non-ferrous materials. HKS Metals therefore provides the ideal link between supplier and customer and above all ensures that quality and price are geared towards one another.

HKS Metals 's-Gravendeel
Havenweg 1, 3295 XZ 's-Gravendeel
P.O. Box 5165, 3295 ZH 's-Gravendeel
The Netherlands
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Fax: +31 78 - 6734060

www.hksmetals.com
E-mail: informatie@hks.nl



's-Gravendeel Amersfoort Amsterdam Eindhoven Hengelo Stein Zwartsluis

From metal waste to high-grade raw material

- Recycling of ferrous and non-ferrous metals to provide high-grade raw materials for (inter)national steel and non-ferrous producers.
- Acting as intermediary between supplier and customer of ferrous and non-ferrous metals.





MALTHA

Brings new life to glass!

Maltha is a leading European industrial organisation which specialises in the processing of glass waste into a valuable raw material for the glass processing industry. In so doing, Maltha performs a beneficial and vital function for society and industry and makes a unique contribution to a better living environment.



From our pleasant and safe working environment to our excellent quality-control system, we at Maltha continue to distinguish ourselves by our quality, service and flexibility in long-lasting and profitable relationships with our customers and suppliers.

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Website: www.maltha-glassrecycling.com

RNS YOUR PARTNER FOR RECYCLING



BN EN ISO 9001:2000



BN EN ISO 14001:1996

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RNS
Recovery of Non-ferrous Scrap

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