

5th International Automobile Recycling Congress

March 9 – 11, 2005
Amsterdam, Netherlands



Patronage:

PlasticsEurope
Association of Plastics Manufacturers

Sponsored by:



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RNS
Recovery of Non-ferrous Scrap

ARCELOR AUTO
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UMWELT**

Foreword of IARC 2005

Welcome to Amsterdam !

After 4 congresses in Geneva the Steering Committee decided to move to Amsterdam. The main reasons are meeting new business partners, visiting powerful companies acting in the European recycling market and to get in touch with the Dutch hospitality and the very friendly people.

I thought it wise to go to a European country, because the car and the recycling industry are struggling with the implementation of the ELV Directive. But meanwhile also other factors became important for us: India, China and other Asian countries are going to change the world's industrial hierarchy.

Managers, government officials and investors should understand, what is going on. Do you know that an Indian company became the world's largest steel producer? Do you know that Chinese companies are currently buying copper, zinc, aluminum producers and seeking to purchase even one of the very famous car manufacturers?

The Asian countries are developing fast. Some of us believe that this will be stopped soon due to social, environmental or other reasons. But I think that the speed of Asia won't stop at all. More than hundred millions new workers are going to be swept into the Asian economy every year. This is basically the power of their economy.

One of the effects of the growth rates is a high demand of metals, plastics and other materials. Prices and volumes rise. Probably one day car manufacturers may sell ELVs on the market. Does a wreck change from waste to a commodity? From an economical point of view: YES!

I look forward to see you in beautiful Amsterdam.

Roger Burri

Chairman of the Steering Committee
International Automobile Recycling
Congress

Keynote Speakers



Timo MAKELA

European Commission
DG Environment
Director Sustainable
Development and
Integration
Belgium



Willy TOMBOY

Toyota Motor Europe
General Manager
Environmental Affairs
Coordination Office
Belgium

International Steering Committee



Roger Burri, Chairman
Air Mercury AG
President
Switzerland



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



Prof. Wijnand Dalmijn
Delft University
of Technology
Netherlands



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



Dr. Axel Kistenmacher
PlasticsEurope
Director
Environmental & Technical Dept.
Belgium



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
Vice President Environment
Luxembourg



Dr. Siegfried Schäper
AUDI AG
Recycling/Resources
Germany



Julien Van Damme
Honda Motor Europe Ltd.
Recycling Manager
Belgium



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

Location of the congress

The International Automobile Recycling Congress (IARC) will be held in the **Hotel Krasnapolsky from 9 – 11 March 2005 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



Hotel Accommodation

For the participants of the congress a number of rooms are held **until January 31, 2005 at a special rate** in the Krasnapolsky, Golden Tulip and City Centre. 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
Fax: +31 (0)20 622 86 07
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

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

Congress Program IARC 2005

Wednesday, 9th March 2005

10.00 – 10.30 “Welcome and Introduction”
Roger Burri, Chairman of the Steering Committee

KEYNOTE SPEAKERS:

10.30 – 10.45 **Opening Speaker**

10.45 – 11.15 **Timo MAKELA, European Commission, Belgium**

11.15 – 11.45 **Willy TOMBOY, Toyota Motor Europe, Belgium**

11.45 – 13.30 Lunch

Session 1: Country reports worldwide recycling activities
Session Chairman: Richard Paul, Automotive Recycling Consultant, USA

13.30 – 14.00 “A country report on vehicle recycling: Canada”
Roger Fugere Jr, Lecavalier auto parts inc., Canada

14.00 – 14.30 “Down-under: Keeping up”
Peter Moore, Bigpond, Australia

14.30 – 15.00 “Integrating ELV management into late model salvage operations”
Joseph Holsten, LKQ Corporation, USA

15.00 – 15.30 Coffee break

Session 2: EU implementation activities
Session Chairman: Dave Bebelaar, ARN, Netherlands

15.30 – 16.00 “European guideline 2000/53CE: Problems associated with materials recovered”
Luigi Bianchi, Associazione Nazionale Demolitori Autoveicoli, Italy

16.00 – 16.30 “ELV recycling in Hungary – Legislation, take-back system, financing”
Krisztina Szép, CAR-REC / End-of-life Vehicles Treatment Association, Hungary

16.30 – 17.00 “EMS, the Belgian end-of-life vehicles monitoring system”
Catherine Lenaerts, FEBELAUTO, Belgium

17.00 – 17.30 “Update of the ELV Directive in Germany”
Rolf Willeke, BDSV (Association of German Steel Recycling Companies), Germany

19.00 Networking dinner

Thursday, 10th March 2005

Session 3: Materials recycling
Session Chairman: Olivier François, Galloo SA, France

09.00 – 09.30 “Will the ELV Directive have any “precious” impact?”
Philippe Van Maele, Umicore Precious Metals Refining, Belgium

09.30 – 10.00 “Mining plastics from EOL durable goods on a global scale”
Dr. Mike Biddle, MBA Polymers, Inc., USA

10.00 – 10.30 “The automation of automobile recycling”
Dr. ir. T.P.R. de Jong, Delft University of Technology, Netherlands

10.30 – 11.00 Coffee break

11.00 – 11.30 “Recovery of energy and metals in car fluff by use of the PyroArc process”
Per Morten Lefdal, Enviroarc Technologies AS, Norway

11.30 – 12.00 “New requirements of ELV depollution and pre treatment”
Manuel Burnand, CFF Recycling, France

12.00 – 12.30 “Modular life cycle model of vehicle end-of-life phase – basis for analysis of environmental performance”
Marc Binder, PE Europe GmbH, Germany
VRP/USCAR: Nakia Simon (DaimlerChrysler), Claudia Duranceau (Ford), Candace Wheeler (GM), Gerald Winslow (KBS), USA

12.30 – 14.00 Lunch

Session 4: Materials recycling concepts
Session Chairman: Norbert Prüm, ARCELOR, Luxembourg

14.00 – 14.30 “Automatic and industrial sorting of thermoplastics from ASR to Galloo plastics plant in Halluin”
Hugues de Feraudy, Galloo Plastics SA, France

14.30 – 15.00 “End-of-life vehicles recycling: The Volkswagen–SiCon-Process for the recycling of shredder residues”
Heiner Guschall, SiCon GmbH, Germany

15.00 – 15.30 “RESHMENT® – The shredder residue solution for Switzerland”
Fried Sauer, VOEST-ALPINE Industrieanlagenbau GmbH & Co, Austria
Martin Schaub, CTU Conzepte Technik Umwelt AG, Switzerland

15.30 – 16.00 Coffee break

Session 5: Round Table Discussion
“Measuring success”
Moderator: Prof. Wijnand Dalmijn

16.00 – 16.30 “A car manufacturer about developing legal framework conditions”
Dr. Siegfried Schäper, AUDI AG, Germany

16.30 – 17.45 Round Table Discussion

Friday, 11th March 2005

Technical visits

Every participant may choose one of the following tours:

Tour RNS b.v., Harderwijk

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 Schipol, Amsterdam
16.00	Arrival at the Hotel Krasnapolsky



Recovery of Non-ferrous Scrap

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

Tour GRANUBAND BV, Amsterdam

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
13.30	Arrival at the airport Schipol, Amsterdam
14.30	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 tonnes 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



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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International Congress & Marketing
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Jeanette Duttlinger
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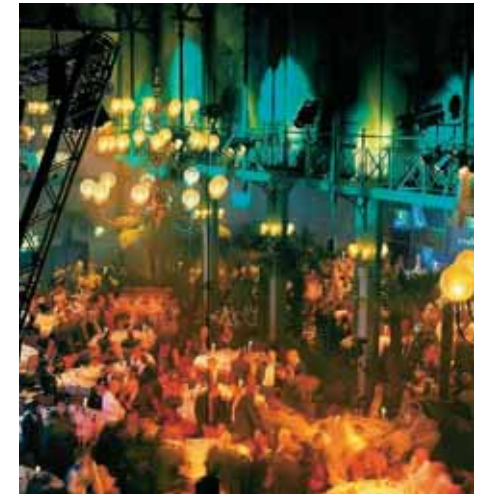
Petra Fiorentin
Congress Assistant

“Meet your clients” Networking Dinner

On Wednesday, March 9, 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.

Don't 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!

Registration Fees

Registration for the congress should be made by means of the registration form. Participants registering and paying **before January 31, 2005** will benefit from a reduced registration fee. The registration fee includes networking dinner and meals.

	before January 31, 2005	after January 31, 2005
Congress Fee		
Fee for participants (incl. networking dinner)	€ 1'350.–	€ 1'450.–
Fee for speakers (incl. networking dinner)	€ 790.–	€ 890.–
Fee for students (incl. networking dinner)	€ 490.–	€ 540.–
Visit to RNS (March 11, 2005)	€ 30.–	€ 50.–
Visit to GRANUBAND (March 11, 2005)	€ 30.–	€ 50.–
Networking dinner for accompanying persons (March 9, 2005)	€ 100.–	€ 110.–

Additional Proceedings

If it is not possible for you to attend the congress, you can purchase the complete proceedings at EUR 340.–. 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, 5300 Turgi, Switzerland
Beneficiary: ICM AG
Account number: 447941-72
IBAN: CH73 0588 5044 7941 7200 0
Clearing number: 5885
Swift code: CRESCHZZ 80A in favour of AHHBCH22XXX



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 event that require a combination of modernity, a cosmopolitan atmosphere and culture.

www.holland.com

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BN EN ISO 14001:1996

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www.rns-nl.com

RNS
Recovery of Non-ferrous Scrap



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.

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