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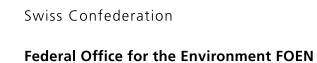
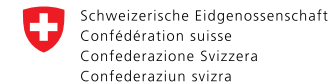
AIR MERCURY  
RECYCLING & METAL TRADING

# 10<sup>th</sup> International Automobile Recycling Congress

March 3–5, 2010  
Basel, Switzerland



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AIR MERCURY  
RECYCLING & METAL TRADING



BATREO



## Foreword of IARC 2010

### Welcome to Basel!

On behalf of the International Steering Committee I welcome you to the 10<sup>th</sup> International Automobile Congress IARC in Basel.

The city of Basel – then Basilea – was already mentioned in 374 AD. After this it had a rapid growth and became part of the Swiss confederation in 1501 as Kanton Basel. Today large pharmaceutical and chemical industries like Roche, Novartis and Ciba have their headquarters in this beautiful city. Basel is also well-known for its culture and has for example 41 museums of which Museum Tinguely is one.

A connection to the recycling world in general is the Basel Convention. The Basel Convention – the control of transboundary movements of hazardous wastes and their disposal – entered into force on May 5, 1992 after being signed by 51 states. There has been a lot of debate which is still going on about the definitions regarding recovery, recycling and re-use. Although the convention declares that illegal hazardous waste traffic is criminal, it contains no real enforcement. Exporting waste in a general sense is still going on a large scale to third world countries to avoid high disposal costs.

As long as there are ways to avoid the high disposal costs the technology to process for example ASR will develop slowly. Also the fact that the EU ELV directive is not implemented on a global scale has an impact on technological developments, trade, markets and waste export.

The recent revisions of June 2008 and the national interpretation of the revised ELV directive by the member states of the EU are also influencing the technological development and the investments in recycling plants and the development of the market for the generated products. All this means that the dream “yes we can” of a level playing field for technology, processes and markets is still a goal to realize. The different market conditions will make the export to economical more attractive regions an ever increasing option although the Basel Convention is still supposed to be enforced.

As already mentioned in the foreword of 2009 stability is needed for the technological developments, mature markets and an economical approach to ELV recycling. Continuously changing the EU rules for ELV recycling in combination with a poorly defined playing field are very difficult matters to deal with for the ELV recycling industry in general. On top of all this are the present weak metal markets and the general economic outlook as an extra challenge for the recycling industry to push forward.

I am looking forward to discuss the new and the old challenges and new business opportunities in Basel.

Let us get some inspiration for a solution in the city of the birth of the “Basel Convention”.

**Prof. Wijnand L. Dalmijn**

Chairman of the Steering Committee  
International Automobile Recycling Congress

## Keynote Speakers



**Dr Hans-Peter FAHRNI**

Federal Office for the Environment FOEN  
Head of the Waste and Raw Materials Division  
Switzerland

***“Prohibit landfilling – and the industry will immediately find solutions to recycle any waste”***



**Rik DEBAERE**

Group GALLOO Recycling  
CEO  
Belgium

***“The metal scrap industry is at a cross road with the regulation pressure”***



**Paul FOX**

EGARA (European Group of Automotive Recycling Associations)  
Chairman  
United Kingdom

***“The business of automotive recycling in Europe now and in 2020”***





## Basel – an ideal and professional congress place

The 10<sup>th</sup> International Automobile Recycling Congress (IARC 2010) will be held at:

### Congress Center Basel

Messeplatz 21  
4005 Basel  
Switzerland  
Phone: +41 58 206 28 28  
Fax: +41 58 206 21 86  
[www.congress.ch](http://www.congress.ch)



Congress Center Basel enjoys a downtown location, travel times are short, and the historic old town, the shopping areas and the many museums and parks can be reached comfortably on foot or in a few minutes by public transport.

## International Steering Committee



**Prof. Wijnand L. Dalmijn**  
**Chairman**  
Delft University of Technology  
Netherlands



**Manfred Beck**  
**Vice-Chairman**  
Recycling International  
Magazine, Editor  
Netherlands



**Julien Van Damme**  
**Chairman of the Scientific Committee**  
Honda Motor Europe Ltd.  
Recycling Manager, Belgium



**Dr Ruggero Alocci**  
Alocci Rappresentanze  
Industriali  
President  
Italy



**Genkichi Ando**  
Seinan Corporation  
Director  
Japan



**Dave Bebelaar**  
Auto Recycling Nederland  
(ARN)  
CEO  
Netherlands



**Jan Bollen**  
ArcelorMittal Technology  
Environment Product Issues  
Belgium



**Dr Francesco Bonino**  
FIAT Research Center  
Materials & Process Technologies,  
Head of Interiors Materials & Technologies Unit, Italy



**Roger Burri**  
Air Mercury AG  
President  
Switzerland



**Olivier François**  
Group GALLOO Recycling  
Market Development  
Officer  
France



**Wolfgang Hang**  
BMW Group  
Department Manager  
Recycling  
Germany



**Joseph M. Holsten**  
LKQ Corporation  
CEO  
USA



**Fede Karrer**  
Foundation Auto Recycling  
Switzerland  
Delegate of the Board  
Switzerland



**Ferdinand Kleppmann**  
CEWEP President  
ITAD Chairman  
Germany



**Dr Roman Meininghaus**  
ACEA  
Environmental Policy Director  
Belgium



**Richard Paul**  
LKQ Corporation  
Manager Environmental and  
Sustainability Programs  
USA



**Willy Tomboy**  
Toyota Motor Europe  
Director, Environmental  
Affairs Group  
Belgium

# Congress Program IARC 2010

Wednesday, 3<sup>rd</sup> March 2010

<b>Session 1:</b>	<b><u>Keynote Speakers from industry and government</u></b>
09.30 – 09.45	"Welcome and Introduction" <b>Prof. Wijnand L. Dalmijn, Chairman of the Steering Committee</b>
09.45 – 11.00	"Prohibit landfilling – and the industry will immediately find solutions to recycle any waste" <b>Dr Hans-Peter FAHRNI, Federal Office for the Environment FOEN, Switzerland</b>
	"The metal scrap industry is at a cross road with the regulation pressure" <b>Rik DEBAERE, Group GALLOO Recycling, Belgium</b>
	"The business of automotive recycling in Europe now and in 2020" <b>Paul FOX, EGEA (European Group of Automotive Recycling Associations), United Kingdom</b>
<b>11.00 – 11.30</b>	<b>Coffee break in the exhibition hall</b>
<b>Session 2:</b>	<b><u>Waste to energy solutions</u></b>
<b>Session Chairman:</b>	<b>Julien Van Damme, Honda Motor Europe Ltd., Belgium</b>
11.30 – 12.00	"Recycle shredder residues in Waste-to-Energy plants in Europe and Germany" <b>Ferdinand Kleppmann, CEWEP e.V., Germany</b>
12.00 – 12.30	"Solid Recovered Fuel (SRF) replaces fossil fuels & contributes to climate protection: The role of plastics waste" <b>Dr Hermann Krählhing, tecpol GmbH, Germany</b>
<b>12.30 – 14.00</b>	<b>Lunch in the exhibition hall</b>
<b>Session 3:</b>	<b><u>Legislative bottlenecks</u></b>
<b>Session Chairman:</b>	<b>Dave Bebelaar, Auto Recycling Nederland (ARN), Netherlands</b>
14.00 – 14.30	"How to stop illegal export of wrecks" <b>Roger Burri, Air Mercury AG, Switzerland</b>
14.30 – 15.00	"The impact of the EU environmental legislation on the environment and the industry" <b>Wolfgang Hang, BMW Group, Germany</b>
15.00 – 15.30	"ELV recycling challenges in the EU-Nordic region" <b>Christer Forsgren, Stena Metall AB, Sweden</b>
<b>15.30 – 16.00</b>	<b>Coffee break in the exhibition hall</b>
<b>16.00 – 17.00</b>	<b><u>Panel Discussion: "Legislative bottlenecks"</u></b> <b>Moderator: Manfred Beck, Recycling International Magazine, Netherlands</b> <b>Participants:</b> <b>Dr Hans-Peter Fahrni, Federal Office for the Environment FOEN, Switzerland</b> <b>Olivier François, Group GALLOO Recycling, France</b> <b>Artemis Hatzl, European Commission, Belgium</b> <b>Dr Roman Meininghaus, ACEA, Belgium</b> <b>Port of Rotterdam Authority, Netherlands (invited)</b>

19.30

Networking dinner

Thursday, 4<sup>th</sup> March 2010

<b>Session 4:</b>	<b><u>Environmental impact of new vehicle technologies</u></b>
<b>Session Chairman:</b>	<b>Willy Tomboy, Toyota Motor Europe, Belgium</b>
09.00 – 09.30	"Life Cycle Assessment (LCA) of nickel metal hydride batteries for HEV application" <b>Dr Matthias Buchert, Öko-Institut e.V., Germany</b>
09.30 – 10.00	"Electric vehicles: A life cycle overview" <b>Kasper Zom, Auto Recycling Nederland (ARN), Netherlands</b>
10.00 – 10.30	"Extracting the 'mine on wheels' – an important contribution to sustainability" <b>Dr Christian Hagelüken, Umicore AG &amp; Co. KG, Germany</b>
<b>10.30 – 11.00</b>	<b>Coffee break in the exhibition hall</b>
<b>Session 5:</b>	<b><u>Country report I</u></b>
<b>Session Chairman:</b>	<b>Fede Karrer, Foundation Auto Recycling Switzerland, Switzerland</b>
11.00 – 11.30	"Canada's vehicle recycling initiatives" <b>Steve Fletcher, Automotive Recyclers of Canada, Canada</b>
11.30 – 12.00	"Actual practices on ELV recycling in Japan" <b>Kazunori Kitagawa, Japan Productivity Center for Socio-Economic Development, Japan</b>
12.00 – 12.30	"Best available technology of shredder residue recycling in Switzerland" <b>Daniel Böni, Kehrichtverwertung Zürcher Oberland, Switzerland</b>
<b>12.30 – 14.00</b>	<b>Lunch in the exhibition hall</b>
<b>Session 6:</b>	<b><u>Country report II</u></b>
<b>Session Chairman:</b>	<b>Dr Francesco Bonino, FIAT Research Center, Italy</b>
14.00 – 14.30	"Design and distribution of ELV dismantling system for enhancing the recycling rate" <b>Dr Myon Woong Park, Korea Institute of Science &amp; Technology (KIST), Korea</b>
14.30 – 15.00	"Overview of the recycling in Brazil" <b>Ivan Augusto Lawrence, SPAauto, Brazil</b>
15.00 – 15.30	"Benchmarking for shredder plants" <b>Scott Newell, The Shredder Company, LLC, USA</b>
<b>15.30 – 16.00</b>	<b>Coffee break in the exhibition hall</b>
<b>Session 7:</b>	<b><u>Materials trade and logistics</u></b>
<b>Session Chairman:</b>	<b>Dr Ruggero Alocchi, Alocchi Rappresentanze Industriali, Italy</b>
16.00 – 16.30	"Heavy duty truck recycling – another success story of recycling in North America" <b>Richard Paul, LKQ Corporation, USA</b>
16.30 – 17.00	"RecycAll – a business strategy for a sustainable future based on carbon foot print" <b>Rebecca Graves, Manchester Metropolitan University, United Kingdom</b>
<b>17.00</b>	<b>Cocktail reception in the exhibition hall</b>

## Plant tours on Friday, 5<sup>th</sup> March 2010

Leaving in front of the Congress Center Basel

### Plant tour 1: **AVAG, Thun** **The newest waste to energy plant**



**Batrec Industrie AG, Wimmis**  
**Battery recycling plant**



08.00	Departure by bus to AVAG, Thun
10.00	Arrival at AVAG, Thun
10.00 – 12.30	Visit of the waste to energy plant AVAG
13.00	Arrival at Batrec Industrie AG, Wimmis
13.00 – 14.30	Visit of the battery recycling plant
17.00*	Arrival at Basel Airport
17.30	Arrival at the Congress Center Basel

### AVAG

#### **Efficient, ecological, integrated**

AVAG Group includes the mother enterprise, the waste management company AVAG AG and her two daughter companies AVAG KVA AG and AVAG Betriebs AG. We guarantee the safe, environmental friendly and responsible disposal of waste. From the special collection to green treatment and disposal, to the final professional recycling – we are the reliable partner in the whole treatment process.

#### **Waste incinerating plant KVA Thun**

Through the handling of inflammable residential, industrial and commercial waste we win energy. The plant is running since November 2003. The capacity of KVA of burning waste is heavily dependent on the heating value of the waste. This value is represented in section around 100,000 tons per year. The high technology procedure for winning energy in the KVA includes the phases of burning, flue gas treatment, dealing with liquid waste and flue ash, electricity generation with a steam turbine and district heat. The KVA Thun delivers 1/3 the demand on electricity of the city of Thun.

**More information at: [www.avag.ch](http://www.avag.ch)**

### Batrec Industrie AG

Batrec is the only battery recycling plant in Switzerland, located in Wimmis in the Bernese Oberland close to Eiger-Mönch-Jungfrau. The company developed an economic, environmentally friendly and sustainable process to recycle hazardous waste such as batteries and mercury containing waste. All types of batteries except lead acid batteries are recycled at Batrec.

The focus of our work is on highest quality, safety and environmental standards. It is the world's first induction heated smelting furnace for batteries and other hazardous metal containing waste. The furnace has a capacity of 5000 tons per year.

Batrec Industrie AG is the only company in the world that has developed a system which completely isolates hazardous and metallic substances from batteries in a closed cycle and produces new raw materials. This cycle guarantees a sustainable management of resources, is highly beneficial to the environment and is regarded as gold standard worldwide.

**More information at: [www.batrec.ch](http://www.batrec.ch)**

### Plant tour 2: **PSA Peugeot Citroën, Sochaux (France)** **Car manufacturer** **Peugeot Museum**



07.00	Departure by bus to PSA Peugeot Citroën, Sochaux
09.00	Arrival at PSA Peugeot Citroën, Sochaux
09.00 – 11.00	Visit of the production plant
11.15 – 12.30	Visit of the Peugeot Museum
15.00*	Arrival at Basel Airport
15.30	Arrival at the Congress Center Basel

The Sochaux site is the largest French industrial site with a workforce of 12,000 employees of which 7800 are involved in manufacturing activities and 4200 are engaged in research, development and experimentation. Every day, 1600 new vehicles leave the Sochaux production lines. 3 vehicles are produced: 308, 3008 (crossover), 5008 (peoplecarrier).

The Sochaux site, established in 1912, is the historical site for PSA Peugeot Citroën Group. Today, the Sochaux plant sets new standards in many respects: productivity, flexibility, strict quality organization, perfect ergonomic standards, environmental protection and sustainable development.

Since 1889, Peugeot has always been future oriented – today more than ever.

**More information at: [www.sochaux.psa.fr](http://www.sochaux.psa.fr) and [www.musee-peugeot.com](http://www.musee-peugeot.com)**

**Plant tour 3: Smdk, Kölliken**  
**Total remediation of the hazardous waste landfill site**



08.30	Departure by bus to Smdk, Kölliken
10.00	Arrival at Smdk, Kölliken
10.00 – 12.00	Visit of the remediation of the hazardous waste landfill site
14.00*	Arrival at Basel Airport
14.30	Arrival at the Congress Center Basel

The consortium of the hazardous waste landfill Kölliken was established middle of the "70"s. Between 1978 and 1985, about 300,000 m<sup>3</sup> hazardous waste such as chemical wastes, shredder residues and other toxic wastes were land filled. In 1985 the landfill was closed due to environmental concerns and heavy protests of the neighbors.

After closing the landfill, the consortium worked out a concept to secure and clean up the site. The main attention was put on the protection of the groundwater flow, lying downstream of the site. For that purpose, several civil construction works have been undertaken, or are still being projected. The main target is the total decontamination and clean up of the entire site. The costs of the remediation works are substantial.

Visitors are welcome and have the chance to have a look at the remediation works within the landfill site. The works started in 2003 and should be finished by 2013.

**More information at: [www.smdk.ch](http://www.smdk.ch)**

**Plant tour 4: Wiederkehr Recycling AG, Waltenschwil**  
**Car shredder and shredder fluff recycling plant**



08.00	Departure by bus to Wiederkehr Recycling AG, Waltenschwil
09.30	Arrival at Wiederkehr Recycling AG, Waltenschwil
09.30 – 12.30	Visit of the car shredder and shredder fluff recycling plant
14.00*	Arrival at Basel Airport
14.30	Arrival at the Congress Center Basel

**The Return of the Raw Materials**

**Recycling is quality workmanship**

To recycle raw materials means: saving resources and relieving the burden on the environment. That is a demanding task. Today, recycling demands comprehensive know-how and a differentiated technology. With a variety of processes, which we continuously develop further, we provide for high recycling quotas for the initial materials we are entrusted with.

In close cooperation with suppliers and customers, we optimise the logistics. With a consequent quality management, we guarantee the users of our materials a calculably good and constant added value.

**Innovative – since 1959**

Our company has been operating since 1959. We are consistently pushing forward recycling technology for metals, plastics, and composite materials by in-house developments. As a logical consequence of the globalisation in trade with recycling goods, since 1993 we continuously have expanded our operational area beyond Swiss borders. Today we are present with operatively independent subsidiaries in various countries in Europe and Asia.

**Our vision: the 100 percent quota**

With continuous improvements, we aim at applying economically sustainable and environmentally friendly processes to return as many raw materials as possible, preferably all raw materials bound in waste, to a reasonable utilisation.

The return of the raw materials!

**More information at: [www.wierec.com](http://www.wierec.com)**

\*No guarantee on arrival time due to traffic conditions



# “Meet your clients” Networking Dinner

On Wednesday, March 3, a special networking dinner will be organized. For participants, the networking dinner is included in the registration fee.

Don't miss this perfect possibility to meet your business partners and enjoy a lovely evening.



Meet friends and  
business partners in a  
nice atmosphere!



## Registration Fees

Registration for the congress should be made by means of the registration form. Participants registering and paying **before January 30, 2010** will benefit from a reduced registration fee. The registration fee includes congress, entrance to the exhibition, net-working dinner, luncheons and proceedings.

Congress Fee	before January 30, 2010	after January 30, 2010
Fee for participants	€ 1'450.-	€ 1'550.-
Fee for speakers	€ 850.-	€ 890.-
Fee for students	€ 550.-	€ 590.-
Plant tours, you may choose one (March 5):		
No. 1: AVAG and Batrec Industrie AG	€ 30.-	€ 50.-
No. 2: PSA Peugeot Citroën	€ 40.-	€ 60.-
No. 3: Smdk	€ 30.-	€ 50.-
No. 4: Wiederkehr Recycling AG	€ 30.-	€ 50.-
Networking dinner for accompanying persons (March 3)	€ 110.-	€ 120.-

Registration on site € 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:

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



## Exhibition & Poster Presentation

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

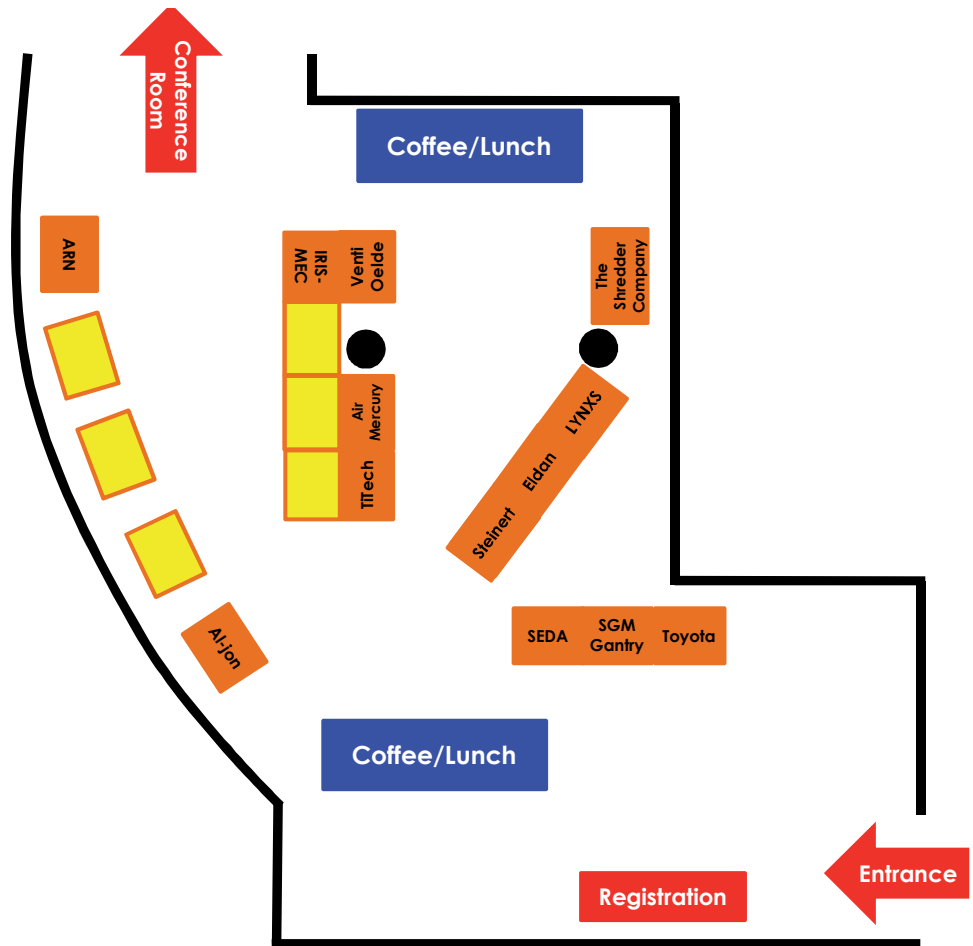
The fee for a standard exhibition stand 6 m<sup>2</sup> (2 m x 3 m) is EUR 3000.– for the full time of the congress.

The fee for a poster wall rental is EUR 250.– for the full time of the congress.

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



## Layout Exhibition



### Exhibitors per December 1, 2009:

- Air Mercury AG, Switzerland
- Al-jon Manufacturing, USA
- Auto Recycling Nederland (ARN), Netherlands
- Eldan Recycling A/S, Denmark
- IRIS-MEC Srl, Italy
- LYNXS Shredder (Project Design) Ltd., United Kingdom
- SEDA, Austria
- SGM Gantry, Belgium
- Steinert Elektromagnetbau GmbH, Germany
- The Shredder Company, LLC, USA
- TiTech GmbH, Germany
- Toyota AG, Switzerland
- Ventilatorenfabrik Oelde GmbH, Germany



## Hotel Accommodation

For the participants of the congress a number of rooms are held until **February 2, 2010 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.



### Swissôtel Basel \*\*\*\*\*

Messeplatz 25  
4005 Basel

Phone +41 61 555 3333  
Fax +41 61 555 3970  
[www.swissotel.com](http://www.swissotel.com)

(Next to the congress center)



### Ramada Plaza Basel\*\*\*\*

Messeplatz 12  
4058 Basel

Phone +41 61 560 4000  
Fax +41 61 560 5555  
[www.ramada-treff.ch](http://www.ramada-treff.ch)

(Walking distance: 2 min. from the congress center)



### Mercure Hotel Europe Basel\*\*\*\*

Clarastrasse 43  
4005 Basel

Phone +41 61 690 8080  
Fax +41 61 690 8880  
[www.mercure.com](http://www.mercure.com)

(Walking distance: 2 min. from the congress center)

## Charming Basel

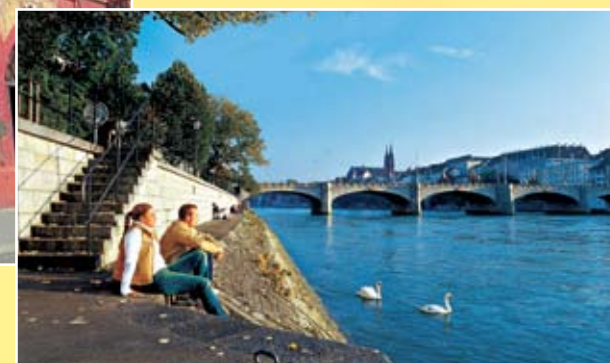


Tradition-conscious, open-minded and full of contrasts, Basel is regarded as one of Switzerland's centres for art, music and architecture. Thanks to its central location at the "three-countries-corner" where Switzerland, Germany and France meet, the city on the elbow of the Rhine is also an important centre of fairs and congresses.

Basel is Switzerland's oldest university city. Historic landmarks of the city include the large market square with its richly decorated red sandstone town hall and the late Romanesque-Gothic cathedral. During a walk through the old town, past small boutiques, antique book shops but also shops of modern designers, a visit to the "Läckerli Huus" to try the traditional Basel honey cake is well worth your while.

Whatever your heart desires, you'll find it in Basel.

[www.basel.com](http://www.basel.com)  
[www.myswitzerland.com](http://www.myswitzerland.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

ICM AG  
International Congress & Marketing  
Schwaderhof 7  
5708 Birrwil, Switzerland

Phone: +41 62 785 10 00  
Fax: +41 62 785 10 05  
E-Mail: [info@icm.ch](mailto:info@icm.ch)  
Internet: [www.icm.ch](http://www.icm.ch)



Jeanette Duttlinger  
Congress Organizer



Ying Liu  
Congress Assistant



Claudia Gerstendörfer  
Congress Assistant



Susann Schmid  
Congress Assistant



Yvonne Steiner  
Congress Assistant



Sibylle Zimmerli  
Congress Assistant



# Live consciously. Recycle environment-friendly. Win energy.



Entsorgung Recycling Energie

## AVAG - a brand new waste to energy plant

AVAG is the leading company regarding collection, recycling, handling and disposal of waste in the region of Bernese Oberland, Aaretal and Emmental. Since 1973 we guarantee an environment-friendly and economically disposal of waste for 149 communities and its industries. In the last years also the recovery of shredder residues (ASR) became a very important business.



In the waste to energy plant of Thun we are able to recover the energy in the incineration process where we produce district heat and electricity. Even today we already fulfill the criteria for the quality sign "naturemade basic" – the swiss quality sign for electricity which has been generated from 100% regenerative sources such as water, sun, biomass, wind and waste.

With the realisation of the first regional biogas plant in Spiez we are moving one step forward and will set new standards! This plant will be put in operation presumably in 2010.

The new plants show the ambition of AVAG to take new chances and to be open for new technical developments especially in the treatment and handling of wastes and moreover in the generating of regenerative energies.

AVAG AG  
Allmendstrasse 166, 3600 Thun  
033 226 56 56, [info@avag.ch](mailto:info@avag.ch)

[www.avag.ch](http://www.avag.ch)



# BATREC



"We recycle batteries and mercury economically and eco-friendly. With highest quality and environmental standards, we care for the future of the environment."



A clean future starts today.

## Spent Catalysts Recycling



## Lithium Battery Recycling



## Battery Recycling



## Mercury Recycling



Batrec Industrie AG, CH-3752 Wimmis, Switzerland  
Tel. +41 (0)33 657 85 00, Fax +41 (0)33 657 85 01, [www.batrec.ch](http://www.batrec.ch)

PSA PEUGEOT CITROËN  
Site de Sochaux

## KEY FIGURES.

### SOCHAUX PLANT.

Surface area : 260 hectares of land of which 126 are developed land.

Production : 1 600 cars/day 308, 3008, 5008.

Staff : 12 000 employees (female employees : 18,40 % of the total workforce).

Sochaux plant is covered by ISO 9001 and ISO 14001 certifications.

### PSA PEUGEOT CITROËN GROUP.

Sales and revenue (€ billions) : 54,4.

3 260 000 vehicles sold worldwide (Commercial presence in more than 150 countries).

201 700 employees.

Leadership in the LCV market with market share of 19,9 %.

Leadership on the environment : sales of almost one million vehicles emitting less than 130 g of CO2/km.







## SMDK KÖLLIKEN INTRODUCTION

The consortium of the hazardous waste landfill Kölliken was established middle of the "70"s. Between 1978 and 1985, about 300,000 m³ hazardous waste such as chemical wastes, shredder residues and other toxic wastes were land filled. In 1985 the landfill was closed due to environmental concerns and heavy protests of the neighbors.

After closing the landfill, the consortium worked out a concept to secure and clean up the site. The main attention was put on the protection of the groundwater flow, lying downstream of the site. For that purpose, several civil construction works have been undertaken, or are still being projected. The main target is the total decontamination and clean up of the entire site. The costs of the remediation works are substantial.

Visitors are welcome and have the chance to have a look at the remediation works within the landfill site. The works started in 2003 and should be finished by 2013.



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**Sondermülldeponie Kölliken**  
Safenwilerstrasse 27  
5742 Kölliken

Tel. 062 737 80 10  
Fax 062 737 80 20  
info@smdk.ch



WIEDERKEHR RECYCLING



# 50 Years The return of the raw materials

Nature dissipates - and regenerates. Nature's power of regeneration acts for us as example and incentive. What society calls waste, we extract and find its resources, which can be implemented for new tasks. Our whole organization, our technology and our personal commitment help to provide the return of the raw materials. Conserve resources, protect the environment, act efficiently:  
These are our scopes - please participate. For the sake of the environment.

**Wiederkehr Recycling Group**  
Switzerland - Germany - China - Japan

Headquarters:

CH-5622 Waltenschwil Phone +41 56 618 36 36 [wierec.com](http://wierec.com)

Wiederkehr Recycling	CH-5622 Waltenschwil
ALVO	CH-9536 Schwarzenbach
SMV	DE-79787 Lauchringen
SCMR	Shanghai China
SCMR	DE-04295 Polleben
SCMR	Yokohama City Japan
SCMR	CH-5622 Waltenschwil