

make it harder to predict when the budget will be held.

"Certainly if there's a minority there will be a lot of other things that need to be worked out. It may postpone it, but, on the other hand,



PRESS RELEASE

Muri, Nov. 16th, 2001

Car Recycling Congress during the Geneva Motor Show

Modern product design rules require the inclusion of end of life-cycle aspects. The International Automobile Recycling Congress held from March 13th to 15th 2002 in parallel to the Geneva Motor Show is an excellent opportunity to combine an update on cutting edge car technology with one on the latest in car recycling.

The lectures of the first day will mainly focus on the consequences of end of lifecycle vehicles (ELV) legislation. Automotive manufacturers inform about the impact of ELV directives on the design of new car models, and recyclers will compare their experiences with different national regulatory approaches.

On the second day, lecturers will look in detail at recycling technologies. Specialists report about new trends in the dismantling respectively shredding of cars and in the separation of the different fractions emerging from the process, with specific attention to the non-metallic ingredients. A finalizing panel discussion will focus on the pros and cons of shredding or dismantling approaches.

The last day of the congress will, under the motto «Life cycle analysis and design for recycling», be dominated by reports from the recycling industry. Experts from the secondary raw materials indu-

stry will discuss questions related to the reuse of the metal and plastic fractions extracted from shredded cars, with special emphasis on unwanted ingredients and suited strategies for their exclusion.

The congress will be attended by automobile manufacturers and their suppliers, recycling, dismantling and shredding companies, steel and aluminium producers, financing experts, environmental authorities, research institutes and consultants. The congress program will be highlighted by visits to the state-of-the art shredder facilities of Sirec SA in Lausanne with an annual shredding capacity of 100.000 metric tonnes and to the Geneva Motor Show.

The congress is organised by ICM AG in cooperation with organisations of the automobile industry and the recycling sector in Europe, Japan and North America. It will take place in the Hotel Intercontinental, perfectly located within only a few minutes drive from the Geneva International Airport and the «Palais des Expositions».

All papers will be presented in English.

For information and bookings contact:

ICM AG, Tel. +41-56 664 72 50, e-mail: info@icm.ch, internet: www.icm.ch

INSERAT

Printed on recycled paper

"If I had to bet, I'd say any kind of document 2001. I just don't think much new," said Dr. chief economist for who has helped draft several Assistant Deputy Finance Department Monday this year to join earlier this year to join. While the Finance says no decision on the next budget will be after the election, N speculated that it likely be pushed back until spring for ns.

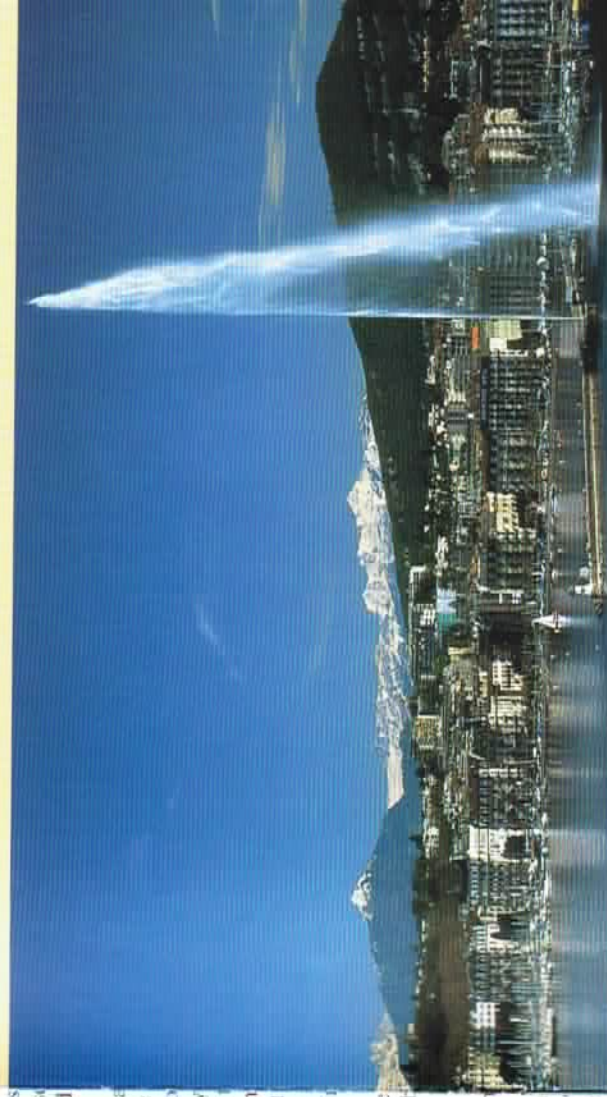
Mr. Drummond said the pre-election so budget," combined promises in the Book III, means that a large surge in the economy there was money by February. Also, the timing of disrupted what is in time in the budget and November are when the House Finance and the

Finance Departmentations with the public groups as part of the budget. The obviously not con the election and neither is the depa its priority right now a transition or bre new minister of a ment, a regular government departments during said Finance Department Jean-Michel C Moreover, Mr. Cati debate currently un private-sector econ fall would general time for tabling bu spring.

Over the course c Mr. Martin (LaSalle has regularly tabled gets since 1994, with of 1006. That over



International Automobile Recycling Congress March 13 – 15, 2002 Geneva, Switzerland



Patronage

The Police, Justice and Transport Department
of the Republic and Canton of Geneva, Switzerland

Federal Department of Transport, Communications and Energy, Switzerland



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Foreword IARC 2002

On behalf of the Steering Committee I have the pleasure to announce the second "International Automobile Recycling Congress". The congress takes place from March 13 - 15, 2002 in the Hotel Intercontinental in Geneva. Take the chance to combine the congress with a visit of the Geneva Motor Show.

The last congress was a big success. 150 attendants from all over the world have met and discussed about their national solutions and results for collection and recycling of cars. Especially new processes and plants came up and the latest information has been presented.

This time, the focus of the presentations is different. The main issues are how the countries manage to implement their recycling laws. The EU-ELV Directive says, that in the middle of 2002 the European car manufacturers have to take back cars for free. But who shall manage the take back, what are the best logistic solutions and recycling methods and how much does it cost? Every decision in every country affects the car manufacturers, the car distributors, the recycling plant operators, the dismantlers, the

shredders, the ferrous and non ferrous industry and finally also the consumers. The flexibility of these groups is limited due to the tremendous investments they have made within the past years.

Representatives of these groups shall present their visions and find common solutions in order to fulfill the needs of the markets and regulations.

So the speakers of the first day talk about their national implications of their legislation. The second day is the recyclers day. At the end of the day there will be a round table discussion with a very hot issue: "Dismantling versus Post Shredding". Life cycle analyses and some aspects about design for recycling will be presented the third day. In the afternoon we will visit a car shredder facility, which is a very good opportunity for most of us to compare theory and practice.

We are looking forward to meeting you in beautiful Geneva.

Roger Burri

Chairman of the Steering Committee



International Steering Committee

consists of:



Genkichi Ando

Seinan Corporation
Director
Japan



Manfred Beck

Recycling International
Magazine
Editor
Netherlands



Manfred Fahrner

R-plus Recycling GmbH
Manager European Business
Germany



Olivier François

GALLOO SA
Environment Manager
Belgium
VAL-RB, Director, France



Fede Karrer

ICEA Foundation for the
environment - friendly
disposal of motor vehicles
Delegate of the Board
Switzerland



Ferdinand Kleppmann

Foundation of the German
operators of thermal waste
incineration plants (ITAD)
Chairman of the Board
Germany



Roger Burri, Chairman
Air Mercury Consulting AG
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FIAT Research Center
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Germany



William P. Steinkuller

Automotive Recyclers
Association (ARA)
Executive Vice President
USA



Julien Van Damme

Honda Motor Europe Ltd.
Recycling Manager
Belgium



J.B.T. Zimmerman

Auto Recycling Netherlands
(ARN)
President
Netherlands



Location of the congress

The International Automobile Recycling Congress (IARC 2002) will be held in the **Hotel Intercontinental from 13 - 15 March 2002 in Geneva, Switzerland.**

Hotel Intercontinental*****

7-9, chemin du Petit-Saconnex

1211 Geneva

Phone: +41 22 919 39 39

Fax: +41 22 919 38 38

E-mail: geneva@interconti.com

Internet: www.interconti.com



The Hotel Intercontinental is perfectly situated, a few minutes from the international organizations and only a few minutes drive from Geneva International Airport and the Palexpo.

For the participants of the congress a number of rooms are held at a **special rate** (€ 175.-) if you register before February 19, 2002. If you wish, you may also extend your stay at the hotel at the same special rate.

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
Luzernerstrasse 91, 5630 Muri, Switzerland

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E-mail: info@icm.ch

Internet: www.icm.ch



Jeanette Duttlinger
Congress Organizer



Erika Noé
Congress Assistant



Sonja Wobmann
Congress Assistant

Travelling to Geneva

You can easily reach Geneva by plane, train and car. Geneva has an international airport offering direct scheduled flights to more than 70 international destinations. The airport is about 5 km from the city.

www.geneva-tourism.ch



Congress Program IARC 2002

Wednesday, 13th March 2002

09.00 - 12.30	Registration
13.00 - 13.15	"Welcome and Introduction" Roger Burri, Chairman of the Steering Committee
13.15 - 13.30	Key Note Speech
Session:	ELV Legislation and its implications
13.30 - 14.00	Session Chairman: Julien van Damme, Honda Motor Europe, Belgium "Implementation of the EU Directive in Europe" Pascal Feillard, PSA Peugeot Citroën, France
14.00 - 14.30	"Legal issues of concern arising from the European Union ELV Directive" Ursula Schlessner, Oppenheimer Wolff & Donnelly LLP, Belgium
14.30 - 15.00	"Automotive recycling in the context of legal, technical and sustainable development" Daniel Goldmann, Volkswagen, Germany
15.00 - 15.30	Coffee break
Session:	ELV Legislation, Country Reports
15.30 - 16.00	Session Chairman: Manfred Fahner, R-plus Recycling, Germany "Automobile shredder residue treatment in Japan" Genkichi Ando, Seinan, Japan & Christian Steiner, Alstom, Switzerland
16.00 - 16.30	"Elimination of shredder residue: the Swiss approach" Daniel Christen, IGEA-Stiftung, Switzerland
16.30 - 17.00	"Directive on ELV and its impact on the automotive Italian market: problems and opportunities" Alessandro Levizzari, FIAT Research Center, Italy
17.00 - 17.30	"A car manufacturer about some national implementations of the EU-ELV-Directive" Siegfried Schäper, Audi, Germany
19.30	Swiss Party



Thursday, 14th March 2002

08.00 - 09.00	Morning Coffee
Session:	Recycling technologies for ferrous, non ferrous & plastic materials I
09.00 - 09.30	Session Chairman: Fede Karrer, IGEA, Switzerland "ARN, realising 95% recovery of ELVs by 2007" J.B.T. Zimmerman, ARN, Netherlands
09.30 - 10.00	"Life project shredder waste recycling" Monica Svenner, Stena Fragmentering, Sweden
10.00 - 10.30	"Gasification of shredder residue in the SVZ" Thomas Obermeier, SVZ Schwarze Pumpe, Germany
10.30 - 11.00	Coffee Break
11.00 - 11.30	"Implications of the EU ELV Directive on the European steel recycling market" Björn Voigt, TSR Recycling, Germany
11.30 - 12.00	"Automobile recycling loop" Heinz Leo Wertz, Wertz Handelsgesellschaft, Germany
12.00 - 12.30	"The THERMOSELECT high temperature recycling technology for automotive shredder residue - results and perspectives" Rudi Stahlberg, THERMOSELECT, Switzerland
12.30 - 14.00	Lunch
Session:	Recycling technologies for ferrous, non ferrous & plastic materials II
14.00 - 14.30	Session Chairman: Olivier François, Galloo, Belgium "Preparation of plastics for an automatic identification as a first step within the recycling of automotive parts" Christian Stollberg, DaimlerChrysler, Germany
14.30 - 15.00	"Two problems - one solution ASR plastic composites" Jack Lazareck, Xpotential Products, Canada
15.00 - 15.30	"Mechanical pre-concentration of automotive shredder residue" Norbert Fraunholz, Delft University of Technology, Netherlands
15.30 - 16.00	Coffee Break
16.00 - 16.30	"The Reshment process - evolution in ASR processing" Marlin Schaub, CT Umwelttechnik, Switzerland
16.30 - 17.00	"Recycling of metallic substrates - a value added chain close" Peter Lenz, Demet, Germany
17.15 - 18.00	Round Table Discussion Chairman: Pascal Feillard, PSA Peugeot Citroën, France "Dismantling versus post shredding - are both approaches feasible under the ELV Directive"

Friday, 15th March 2002

07.30 - 08.30 Morning Coffee

Session:

Life cycle analyses and design for recycling I

Session Chairman: Norbert Prüm, Arbed, Belgium

08.30 - 09.00 "Treatment of aluminium recycling in life-cycle assessments - methodology and examples"

Kurt Buxmann, Alcan, Switzerland

09.00 - 09.30 "Life cycle analyses and environmental effects on lead containing parts in cars"

Hans-Ulrich Steil, Berzelius Metall, Germany

09.30 - 10.00 "Development of compounding procedures for recycled polyamide for use in the automotive industry"

Sixto Arnaiz, Gaiker, Spain

10.00 - 10.30 "Scrap quality upgrading by shredding improvements"

Philippe Russo, IRSID Group Usinor, France

10.30 - 11.00 Coffee Break

Session:

Life cycle analyses and design for recycling II

Session Chairman: William P. Steinkuller, ARA, USA

11.00 - 11.30 "Technical standards for ELV recycling"

Marcus Essenpreis, BMW Group, Germany

11.30 - 12.00 "Steel: The engine that drives automotive recycling"

Bill Heenan, Steel Recycling Institute, USA

12.00 - 12.30 "What really stops us from using recycled plastics in automobiles"

Richard Hooper, University of Brighton, UK

Excursion programs:

Visit of the car shredder facility SIREC, Switzerland

13.00 Departure by bus to SIREC (Lunch in the bus)

14.00 Visit

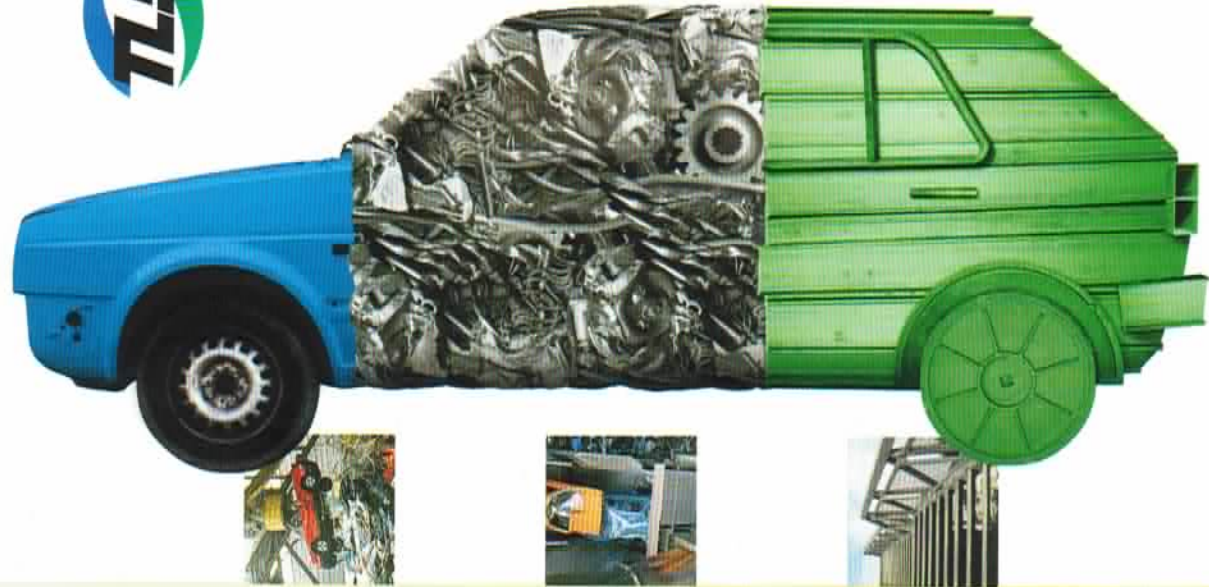
17.30 Arrival at the airport Geneva

18.00 Arrival at the hotel Intercontinental

Visit of the Motor Show

12.30 - 13.30 Sandwich lunch in the hotel

13.30 Departure by bus to the Motor Show



SIREC SA

Ch. de la Motte 5
CH - 1024 Ecublens - Lausanne
Tel. +41 21 691 20 51
Fax +41 21 691 63 62

- Covered reception facilities for 5000 used vehicles with direct rail / road access
- 2000 HP Shredder with annual capacity of 100'000 tons of old cars and ferrous scrap
- High quality secondary raw material is delivered to steel works and non-ferrous foundries.



SIREC SA is member of the BAREC group with a total of 12 companies specialized in ecological recycling services.

For further details consult

www.barec.ch

72nd Geneva International Motor Show

The 72nd Geneva International Auto Show will take place at Palexpo from 7th to 17th March 2002.

The Geneva Show is the only international auto fair recognised by the OICA (International Association of Motor Vehicle Manufacturers).

Opening hours:

Tuesday, 12 March:	09.00 - 22.00
Wednesday, 13 March:	09.00 - 19.00
Thursday, 14 March:	09.00 - 19.00
Friday, 15 March:	09.00 - 22.00
Saturday, 16 March:	09.00 - 19.00
Sunday, 17 March:	08.00 - 19.00

www.palexpo.ch

Sightseeing Tour

(minimum 15 persons)

Thursday, March 14, 2002
Saturday, March 16, 2002

"From 400 m to 4'000 m within 4 hours..."
Zermatt/Matterhorn (whole day)

- Departure by bus from Geneva (373 m/1'220 ft) to Täsch
- By railway train from Täsch to Zermatt
- By cable cabin to the Little Matterhorn (3'883 m/12'697 ft)
- Panoramic view and apéro
- Lunch & shopping in Zermatt
- Travel back to Geneva

www.zermatt.ch



Registration Fees

Registration for the congress should be made by means of the registration form. Participants registering and paying **before January 31, 2002** will benefit from a reduced registration fee.

Congress Fee	before January 31, 2002	after January 31, 2002
Participants	€ 1'050.-	€ 1'200.-
Speakers	€ 650.-	€ 750.-
Students	€ 390.-	€ 450.-
Visit to the car shredding facility SIREC SA	€ 25.-	€ 25.-
Visit to the International Motor Show	€ 25.-	€ 25.-
Swiss Party	€ 95.-	€ 95.-

Sightseeing Tours

Tour to Zermatt & Matterhorn

March 14, 2002	€ 180.-
March 16, 2002	€ 180.-

Proceedings

Additional proceedings	€ 340.-
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Exhibition

Exhibition stand	€ 2'000.-
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A special exhibition will be organized for companies wishing to display their products or advertising materials.

Payment

Payment should be made in EUR by bank transfer or by credit card. Wire payment to:

Neue Aargauer Bank
5300 Turgi, Switzerland

Account no.: 447941-72, Swift code: CRESCHZZ 80 in favour to: AHHBCH 22

Clearing: 5885

Remark: Intern. Automobile Recycling Congress