

that a minority government would 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



PRESS RELEASE

Muri, June 1st, 2001

International Electronics Recycling Congress 2002

Problems related to collection and recycling of end of lifecycle electric and electronic devices remain widely unsolved and thus rank among the most pressing environment topics of the coming years.

Although electronic scrap contains a long list of pollutants, of which quite a number represent high risks for human health, there is a remarkable lack of established schemes for its collection and treatment, in strong contrast to the situation in other areas such as packaging, automobile or battery recycling.

◆ **Journalist: Klaus Vollrath**

Related questions will be examined during an International Electronic Recycling Congress in January 2002 in Davos (Switzerland). Lectures of the first day will focus on the current state of national legislation and strategies for collection and recycling of electronic scrap in leading industrialized countries. Main topics of the second day will include data on waste stream ingredients and the presentation of "best practices" for take back and collection schemes. Dismantling and shredding approaches as well as related sorting technologies will also be highlighted, while further speakers will present technologies for the processing and recycling of electronic scrap and of its different

fractions such as plastic materials, monitors or batteries. In addition, the prospects of reusing recycled material in new products will be discussed. Lectures of the third day will present recycling aspects in design and manufacturing of electronic products, materials with reduced detrimental potential, efforts aiming at the ban of certain harmful substances and "multi-lifecycle-engineering".

The event will be attended by manufacturers of electric and electronic equipment, recycling-glass making and scrap treatment companies, public services, industrial associations and universities, as well as by consulting and financing specialists.

The congress, which will be held from January 9th to 11th 2002 in Davos, Switzerland, is organised by the Swiss based ICM AG in cooperation with associations of the electronic and electric industry as well as national organisations for collection and recycling in Europe, Japan and the United States. Davos is easily reached by car or train and has an excellent railway link to the Zurich International Airport. 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

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simply isn't any more money to divvy up.
"If I had to bet, I wouldn't expect any kind of document early in 2001. I just don't think there's that much new," said Don Drummond, chief economist for the TD Bank, who has

helped draft several budgets as an Assistant Deputy Minister in the Finance Department. Mr. Drummond left the Finance Department earlier this year to join the bank.

While the Finance Department says no decision on the timing of the next budget will be made until after the election, Mr. Drummond speculated that the budget will likely be pushed back until spring for several reasons.

Mr. Drummond said the size of the pre-election so-called "mini-budget," combined with spending promises in the Liberals' Red Book III, means that unless there's a large surge in the economy there won't be any new money by February.

Also, the timing of the election has disrupted what is normally a busy time in the budget cycle. October and

International Electronics Recycling Congress

January 9 – 11, 2002
Davos, Switzerland



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Foreword

The International Electronics Recycling Congress

Waste electrical and electronic equipment is one of the fastest growing waste streams in the world. In the European Union, in 1998, approximately six million tonnes of electrical waste were generated and the volume is expected to double within the next decade. Today, more than 90 per cent of electrical waste is landfilled, incinerated or recovered without any pre-treatment. This leads to a considerable amount of hazardous substances being released into the environment and a huge loss of valuable resources.

In order to meet these environmental problems, the European Commission, in June 2000, presented two proposals, one for a directive on Waste Electrical and Electronic Equipment (WEEE) and one for a directive on the Restriction of the Use of Hazardous Substances in electrical and electronic equipment (RoHS).

These directives will cover all electrical and electronic equipment which are likely to end up in the municipal waste stream: large and small household appliances, IT and telecommunication equipment, consumer and lighting equipment, electrical and electronic tools and toys, medical and control equipment and automatic dispensers -

everything from electric toothbrushes to refrigerators, from handies to PCs and sewing machines. The central provisions concern the separate collection, treatment and recovery of electrical waste, its financing, the restriction of hazardous substances for the production of electrical and electronic equipment and producer responsibility.

The directives, currently in the co-decision procedure between European Parliament and Council, will probably come into force by late summer of 2002. Accordingly, they would have to be implemented by the European Union member states in 2004, 18 months after their adoption.

The International Electronics Recycling Congress will be a great opportunity for exchanging views on a topic that concerns not only producers and recyclers but also distributors, importers, the authorities and last but not least the consumers. As the European Parliaments rapporteur on the proposed directives on electrical waste I am very honoured for being invited to speak on the progress of the legislative procedure.

Karl-Heinz Florenz
Member of the European Parliament



International Steering Committee

Roger Burri, Chairman
Air Mercury Consulting AG
President
Switzerland



Theo Lehner
Boliden Mineral AB
Metallurgical Supervisor
Sweden



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Recycling International
Magazine
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Federal Office of Environment
Forests and Landscape
Responsible for Electronics Recycling
Switzerland



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MIREC B.V.
Managing Director
Netherlands



Filip Geerts
Recupel ICT
President
Belgium





Travelling to Davos

(Internet: www.davos.ch)

How to get to Davos

Davos is easily reached by car or train and has an excellent railway link to the Zurich International Airport.

By train

From Zurich Airport to Zurich Mainstation (change train)

From Zurich Mainstation direction Chur to Landquart (change train)

From Landquart to Davos Dorf or Davos Platz

Trains every hour from approx. 6.10 a.m. to 8.43 p.m., transfer time approx. 3 1/4 hours

By car

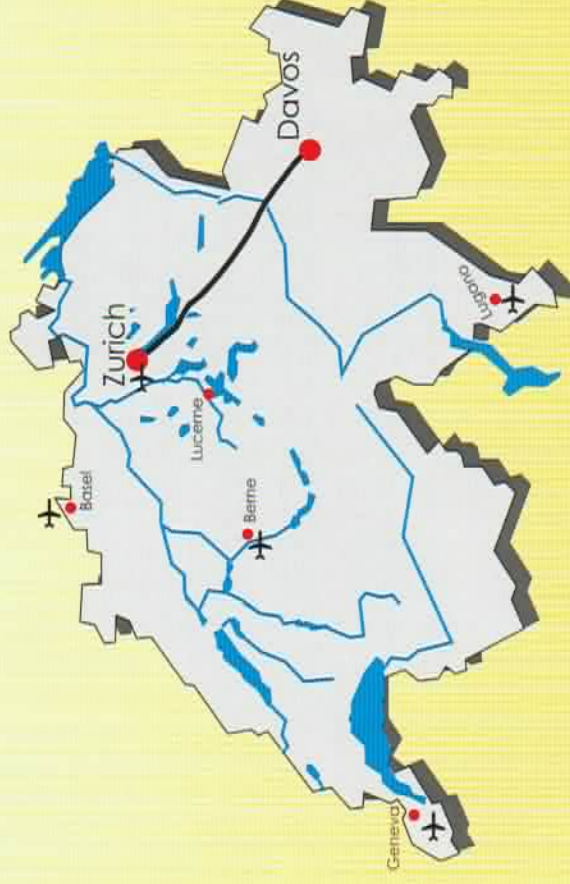
From Zurich highway A13 direction Chur to Landquart

From Landquart to Davos

Transfer time approx. 2 1/2 hours

Davos - a professional and beautiful congress place

The International Electronics Recycling Congress will be held in the **Congress Center** - the same place like the World Economic Forum (WEF).



Congress Program IERC 2002

Wednesday, 9th January 2002

13.00 - 13.15 "Welcome and Introduction"
Roger Burri, Chairman of the Steering Committee

13.15 - 13.30 KEY-NOTE SPEECH
Karl-Heinz Florenz, European Parliament

Session: Legislation & Country reports I

13.30 - 14.00 "Norway, Switzerland, Netherlands, Sweden, Belgium, who has the best WEEE-implementation?"
Klaus Hieronymi, Hewlett-Packard, Europe

14.00 - 14.30 "Electronics asset management initiatives by the US Government"
Juan D. Lopez, Office of the Federal Environmental Executive, USA

14.30 - 15.00 "Present situation of the proposed WEEE Directive"
Townsend Feehan, European Association of Consumer Electronics Manufacturers (EACEM), Belgium

15.00 - 15.30 Coffee break

Session: Legislation & Country reports II

15.30 - 16.00 "Future requirements for electronics recycling in Germany"
Thomas Rummier, Federal Ministry for the Environment, Nature Conservation and Nuclear Safety, Germany

16.00 - 16.30 "A clear and well defined producer responsibility... improving the relationship between economy and ecology"
Joakim Skothelm, Electrolux Home Products, Sweden

16.30 - 17.00 "Present trends on dangerous substances ban in electronics"
Patrice Rollet, DEHON Group/Promosol, France

17.00 - 17.30 "How to make your products legal worldwide - an overview of worldwide environmental products mandates and how to comply"
Victor Bell, Environmental Packaging International (EPI), USA

18.45 Swiss Chalet Party

Thursday, 10th January 2002

Session: Collection programs and financing

09.00 - 09.30 "Recycling of electronic and electrical appliances in Switzerland"
Viktor Haefeli, RUAG, Switzerland

09.30 - 10.00 "Belgian take-back system: Recupel"
Filip Geerts, Recupel/Agoria, Belgium

10.00 - 10.30 "Development and results of the Dutch E&E recycle system"
Willem Canneman, NVMP, Netherlands

10.30 - 11.00 "The result of the US first national retail collection strategy for electronics"
Chris Cloutier, e4 partners inc., USA

11.00 - 11.30 Coffee break

Session: Processes and plants to recycling

11.30 - 12.00 "Nationwide collecting and recycling of E&E equipment"
Georgios Chrysos, Von Roll MBB Recycling GmbH, Germany

12.00 - 12.30 "Solutions on WEEE to the industry"
Pim Lucassen, MIREC B.V., Netherlands

12.30 - 13.00 "Collection and recycling of old electric appliances - optimal and dynamic for each customer"
Christoph Werth-Kreienberg, Trienekens AG, Germany

13.00 - 14.30 Lunch

14.30 - 15.00 "Recycling of printed circuit boards at Boliden"
Theo Lehner, Boliden Mineral AB, Sweden

15.00 - 15.30 "Lamp Recycling - state of the art and trends"
Burkard Reimer, WEREK GmbH, Germany

15.30 - 16.00 "TV housing cabinets - plastics characterization for recycling and recovery"
Frank E. Mark, Dow Europe, Markus Fehr, UGE

Marin Brunner, Umwelttechnik/UMTEC, Switzerland

16.00 - 16.30 Coffee break

16.30 - 17.00 "Inmetco & electronics recycling... working together for the environment"
Shane Thompson, INMETCO Inc., USA

17.00 - 17.30 "Citron's Oxyreducer™ process - a solution to pyrolyse WEEE"
Michael Brüggler, CITRON SA, France

Friday, 11th January 2002

Session: Design for recycling

09.00 -09.30	"Concept of a mobile terminal with active disassembly mechanism" Pia Tanskanen, Nokia Research Center, Finland
09.30 -10.00	"Design for recycling, a report on ten years of experience" Ab Stevels, Philips Consumer Electronics, Netherlands
10.00 -10.30	"Proposal on product related environmental legislation" Lars Dillmer, Ericsson, Sweden
10.30 -11.00	"Development of emission-free recycling process for printed circuit boards of spent personal computers" Takao Araki, Ehime University, Japan
11.00 -11.30	Coffee break
11.30 -12.00	"Design with steel for an easy and cost-effective recycling" Jean-Pierre Birat, USINOR, France
12.00 -12.30	"To get new picture tubes from old ones" Jan-Ulrich Quade, Schott Glas, Germany
12.30 -13.00	"Recycling of PC boards using electrostatic technologies" Rainer Köhnlechner, Hamos GmbH, Germany
13.00 -13.30	"Refrigerators and durable consumer electronic goods at the end of their life cycle" Emilio Guidetti, Tred Carpi, Italy
13.30 -15.00	Lunch

Who should attend ?

- Original electronic equipment manufacturers (OEMs)
- Electronic components suppliers
- Electronic equipment importers and dealers
- Retailers
- Collection and transportation companies
- Recycling and dismantling companies
- Shredding companies
- Plastic industry
- Non ferrous metal industry
- Ferrous and stainless steel industry
- Financing organisations for electronic waste recycling
- Environmental authorities
- Universities and research institutes
- Laboratories for material science
- Consultants

**Organizer of the
International Electronics
Recycling Congress**

ICM AG

International Congress & Marketing
Luzernerstrasse 91, 5630 Muri, Switzerland

Phone: +41 56 664 72 50

Fax: +41 56 664 72 52

E-mail: info@icm.ch

Internet: www.icm.ch



Jeanette Dufflinger
Congress Organizer



Erika Noé
Congress Assistant



Sonja Wobmann
Congress Assistant



Swiss Chalet Party

On Wednesday, 9 January 2002, a special Swiss evening will be organised in a romantic chalet on the top of the Rinerhorn (2'053 m / 6'715 ft) with a spectacular view overlooking Davos.

Gondolas will take you up to the Rinerhorn. There you enjoy a typical Swiss meal with folkloric music.

Afterwards everybody may ride down to the valley on the longest sledge trail of Davos with a sledge.

You want to know the weather condition in Davos?

Please look at: www.topin.ch/ch/davos

In January weather in Davos might be very cold (-15°C / 5°F) and there might be a lot of snow. Please take note of this and wear appropriate clothes.

We invite all participants and the accompanying persons to register to this party by means of the registration form.



Registration Fees

Registration for the congress should be made by means of the registration form.

Congress Fee	before November 16, 2001	after November 16, 2001
Participants	€ 1'050.-	€ 1'200.-
Speakers	€ 650.-	€ 750.-
Students	€ 370.-	€ 430.-
Swiss Chalet Party	€ 90.-	€ 90.-

Exhibition

Exhibition stand
(1.5 m x 3 m) € 3'000.-

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

Additional Proceedings € 335.-

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: CRESCHZ 80 in favour to: AHHBCH 22
Clearing: 5885
Remark: Intern. Electronics Recycling Congress

Hotel / Accommodation

For the participants of the congress a number of rooms are held at a special rate in various hotels in Davos, if your register **before November 16, 2001**.
If you wish, you may also extend your stay at the hotel at the same rate.