

Congress Program IARC 2021



Tuesday, June 22, 2021

17.00 – 19.00 Pre-registration

Wednesday, June 23, 2021

08.00 – 09.00 Registration and welcome coffee in the exhibition area

09.00 – 10.30 Welcome & Introduction
Manfred Beck, Chairman of the Steering Committee

KEYNOTE SPEAKERS:

Recycling - Circular Economy made in Switzerland
Michel B. Monteil, Federal Office for the Environment FOEN, Switzerland

End of life vehicles and batteries, a systemic environmental and business approach
Jean-Philippe Hermine, VP Environmental Strategy, Renault SAS, France

10.30 – 11.00 Coffee break in the exhibition area

11.00 – 12.30 **PANEL DISCUSSION**
Revision of the EU ELV Directive: threat or opportunity?

Introduction: ELV Directive revision
Artemis Hatzi-Hull, European Commission, Belgium

Moderator: **Willy Tomboy, Detomserve, Belgium**

Participants: **Ludovic Basset, ACEM, Belgium**
Olivier François, Group GALLOO, France
Artemis Hatzi-Hull, European Commission, Belgium
Emmanuel Katrakis, EuRIC, Belgium
Amélie Sophie Salau, ACEA, Belgium

12.30 – 14.00 Lunch in the exhibition area

13.00 – 13.30 Live Demo of the FireBox safety system (outside). Meeting Point: FireBox booth



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Wednesday, June 23, 2021

Session 1: Circular economy and ELV challenges

Session Chair: Julien Van Damme, Honda Motor Europe Ltd., Belgium

- 14.00 – 14:30 The Green Deal and the strategy Tox-Free-Environment - chances or risks for recyclers?
Beate Kummer, Kummer:Umweltkommunikation GmbH, Germany
- 14:30 – 15.00 Safety of End-of-Life electric cars at the ATF+
Catherine Lenaerts, Febelauto & Willy Tomboy, Detomserve, Belgium
- 15:00 – 15:30 Car recycling in Spain: solid network and well thought-out legislation and regulation
Manuel Kindelan, SIGRAUTO, Spain

15:30 – 16.00 Coffee break in the exhibition area

Session 2: Dismantling, depollution, recycling and reuse

Session Chair: Catherine Lenaerts, Febelauto, Belgium

- 16.00 – 16:30 Increased resource efficiency by robot-based automated disassembly of electric powertrains
Florian Hansen and Jan Seelig, CUTEC Clausthaler Umwelttechnik Forschungszentrum, Germany
- 16.30 – 17.00 Used spare parts as a corner stone of the economic balance of the sector
Chrystelle Drevon, INDRA SAS, France
- 17.00 – 17:30 Austria closes an educational gap: Efficient recycling of ELVs with know-how and safety standards
Sebastian Raubinger, SEDA-Umwelttechnik GmbH, Austria

19.30 Cocktail reception in the exhibition area

20.00 20th anniversary networking dinner in the Hotel InterContinental

Car display – TESLA Model 3



Car display – TOYOTA Mirai



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Thursday, June 24, 2021

08.00 – 09.00 Welcome coffee in the exhibition area

Session 3: Battery safety and second life
Session Chair: Francesco Bonino, Stellantis, Italy

09.00 – 09.30 Safety requirements of e-mobility will increase the amount of steel in the Body-in-White designs

Jérôme Favero, ArcelorMittal Europe, Belgium

09.30 – 10.00 Watt4Ever, making e-mobility batteries circular

Fredericq Peigneux, Watt4Ever, Belgium

10.00 – 10.30 Dismantling & shredding - (R)eUse, (R)epurposing, (R)ecycling, (R)ecovery - Where a(R)e we in terms of lithium-ion-batteries?

Christian Winkler, TES-AMM Central Europe GmbH, Germany

10.30 – 11.00 Coffee break in the exhibition area

Session 4: Recycling news from around the world
Session Chair: Manfred Beck, Recycling Consultant, Netherlands

11.00 – 11.30 Notes from a small island – ELVES, the Irish compliance scheme

Elena Wrelton, Elves, Ireland

11.30 – 12.00 Pioneers and innovation, Batteriretur establishment of a global leading circular system for HV batteries

Fredrik Andresen, AS Batteriretur, Norway

12.00 – 12.30 The death of the American junkyard: how United States recyclers are evolving from junkyards to progressive recycling facilities

Bill Stevens, Fenix Parts Inc., USA

12.30 – 14.00 Lunch in the exhibition area

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Session 5: The future for recycled polymers
Session Chair: Olivier François, Group GALLOO, France

14.00 – 14.30 Automotive rubber - back to black
Thomas Sorensson, Scandinavian Enviro Systems AB, Sweden

14.30 – 15.00 Next-generation recycling processes for plastics containing flame retardants in automotive as part of a circular economy
Lein Tange, ICL-IP, Netherlands

15.00 – 15.30 Creating a Circular Economy for automotive plastics: a polyolefin producer approach
Christophe Salles, Borealis Services S.A.S., France

15.30 – 16.00 Coffee break in the exhibition area

Session 6: Best available process technologies
Session Chair: Jan Bollen, ArcelorMittal Europe, Belgium

16.00 – 16.30 Air emissions control innovative process for ELV plant
Rik Debaere, Group GALLOO, Belgium-France and David Verhulst, Keller Lufttechnik Benelux, Belgium

16.30 – 17.00 Harmony of total recovery and profitability within shredder residue processing by generation of quality products
Heiner Guschall, SICON, Germany

17.00 – 17.30 ELV scrap: is ever deeper sorting necessary and what is the benefit?
Christian Pak, STEINERT GmbH, Germany

17.30 – 17.45 Closing Remarks by Jill Ledger-Bompard

from 17.45 Farewell reception in the exhibition area

Car display – TESLA Model 3



Car display – TOYOTA Mirai



Congress Program IARC 2021

VIRTUAL SESSIONS:

Virtual session 1: Tech Box

Virtual session 2: Business Box

PLANT TOUR:

Exclusively for the participants of IARC 2021

Friday, June 25, 2021

Buses leaving from in front of the Hotel InterContinental Geneva

Thévenaz-Leduc SA, Ecublens-Lausanne & Papirec SA, Moudon, Switzerland

08.00	Departure by bus to Thévenaz-Leduc SA, Ecublens
09.00	Arrival at Thévenaz-Leduc SA, Ecublens
09.00 – 11.00	Visit to the “INDRA” car depollution factory with “SEDA” equipment Visit to the shredder and shear plant of “METSO”
11.00 – 12.00	Lunch
12.00	Departure by bus to Papirec SA, Moudon
13.00 – 14.30	Visit to the flat screen & lamp recycling plant of “BLUBOX” and “MSS” optical sort system Visit to the coffee caps recycling facility of “NESPRESSO” Departure by bus
16.15*	Arrival at the airport Geneva
16.30*	Arrival at the Hotel InterContinental Geneva



* No guarantee of arrival time due to traffic conditions.
The plant tour is limited to 50 participants.