

European Automotive Cluster Pôle Automobile Européen



“European Automotive Cluster” : presentation



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- 12 European Automotive Partners (Clusters, Institutions, Universities) of the Greater Region and adjacent territories
- To improve the crossborder visibility of the automotive industry in the Greater Region
- To enhance the competitiveness of SMEs on regional, crossborder and international levels
- To strengthen the cooperation of the Automotive Clusters of the Greater Region



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Key figures of the automotive industry in the Greater Region and neighboured French Region Grand-Est :

- 2 500 companies
- 450 000 employees
- Production of 2 millions vehicles/year

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Main actions:

- ✓ Organization of cross-border Automotive Days;
- ✓ Technological watch on new modes of propulsion, new materials, new mobilities, new modes of production;
- ✓ 10 technological sites visits;
- ✓ Organization of common stands during exhibitions;
- ✓ Realization of a complete state of the art in "training and needs" of the automotive industry;
- ✓ 3 group visits to OEMs buyers;
- ✓ Creation of a database with the profiles of companies in the Greater Region and adjacent areas;

Program of today



Agenda Morning

TOPIC 1 • AUTOMOBILE	
09:00 - 09:30	"Recycling a vehicle at at least 95 %, it's possible but how?" > Mr. Pierre-François BAREEL, Administrateur Délégué, COMET TRAITEMENT SA.
09:30 - 09:50	"Reverse Metallurgy : Efficient recovery of metals from smart sorting to hydrometallurgy" > Prof. Dr. Ir. Eric PIRARD, Gemme Minerals Engineering and Environment, UNIVERSITY OF LIEGE
09:50 - 10:10	"Life cycle assessment of vehicles: critical comparison of available commercial databases." > Prof. Mme Angélique LEONARD, PEP's Products, Environment, Processes, Department of Chemical Engineering, UNIVERSITY OF LIEGE
10:10 - 10:30	"Reuse of automotive pieces in the second hand after-market" > Mr. Serge ISTAS, General Secretary, TRAXIO
10:30 - 11:00	Coffee

Agenda Morning

TOPIC 2 • LIFE CYCLE ASSESSMENT – RECYCLING	
11:00 - 11:30	“Vehicle Electrification & Recyclability” > Dr.-Ing. Mustapha BELHABIB, Powertrain Integration Supervisor CD Cars; FORD
11:30 - 11:50	“LCA as a tool to optimise plug-in hybrid motorisations” > Mr. Yves TOUSSAINT, General manager, Business development, GREEN PROPULSION
11:50 - 12:10	“Life Cycle Assessment of electric and hydrogen mobility scenarios” > Dr. Enrico BENETTO, MBA, Head of “Environmental Sustainability Assessment and Circularity” RDI Unit, LIST
12:10 - 12:30	“The automotive recycling fields in Belgium” > Mme Catherine LENAERTS, Managing Director, FEBELAUTO

Agenda Afternoon

13:30 – 15:00 3 PARALLEL SESSIONS

SESSION 1 : B2B MATCHMAKING

SESSION 2 : METALLIC MATERIAL

SESSION 3 : NON-METALLIC MATERIAL

Agenda Afternoon

SESSION 2 • METALLIC MATERIAL	
13:30 - 14:00	"The recycling of steel from end of life vehicles" > Mr. Philippe RUSSO, Head of recycling department, ARCELOR MITTAL
14:00 - 14:20	"Contribution of circular steel production to a sustainable automotive sector" > Mr. Bernard VANDERHEYDEN, Unit Manager "Metal production, recycling and energy", CRM GROUP
14:20 - 14:40	"Sol Gel Nano varnish, natural product with many uses" > Ms. Dipl. Ing. Wei Hong, EPG-Pausa GmbH
14:40 - 15:00	"Lightweight construction with Mg MnE21 for many products and best recycling" > Mr. Peter Stolfig, STOLFIG Leichtbau Kompetenzzentrum GmbH
15:00 - 15:30	Coffee

Agenda Afternoon

SESSION 3 • NON-METALLIC MATERIAL	
13:30 - 14:00	"Second life of electric vehicle batteries and recycling processes" > Dr. Aboukacem LEMTIRI, Project Manager, AFPA, France
14:00 - 14:20	"Circular economy business models thanks to waste digitalization" > Mr. KULIK, EIRAVATO
14:20 - 14:40	"Plastics material - R&D recycling case in the automotive sector" > Mr. Hervé BREQUEL, Manager R&D, Centre Terre et Pierre asbl
14:40 - 15:00	"Recyclage des composites thermoplastiques" > Mr. Dimitri LERAY, Ingénieur R&D Produits Procédés Composites, CETIM

Agenda visit of companies (15:30 – 17:00)



... Followed by a drink at Blue Point ...

Interested in the PAE Project? Contact us.



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