

ILEA

Luxembourg Automotive Suppliers Industry



The Automotive Sector in Luxembourg, a major pillar in the Luxembourg Industry

- 9.000 employees, 1.950 in R&D
- Luxembourg's 2nd most important industry sector
- Exporting to 5 continents
- Major export countries are: Germany, France, Italy, UK, Japan, Spain, USA, China, Sweden



The Automotive industry sector in Luxembourg

We are on the journey from high volume automotive component development and manufacturing towards solution providers in future mobility concepts.

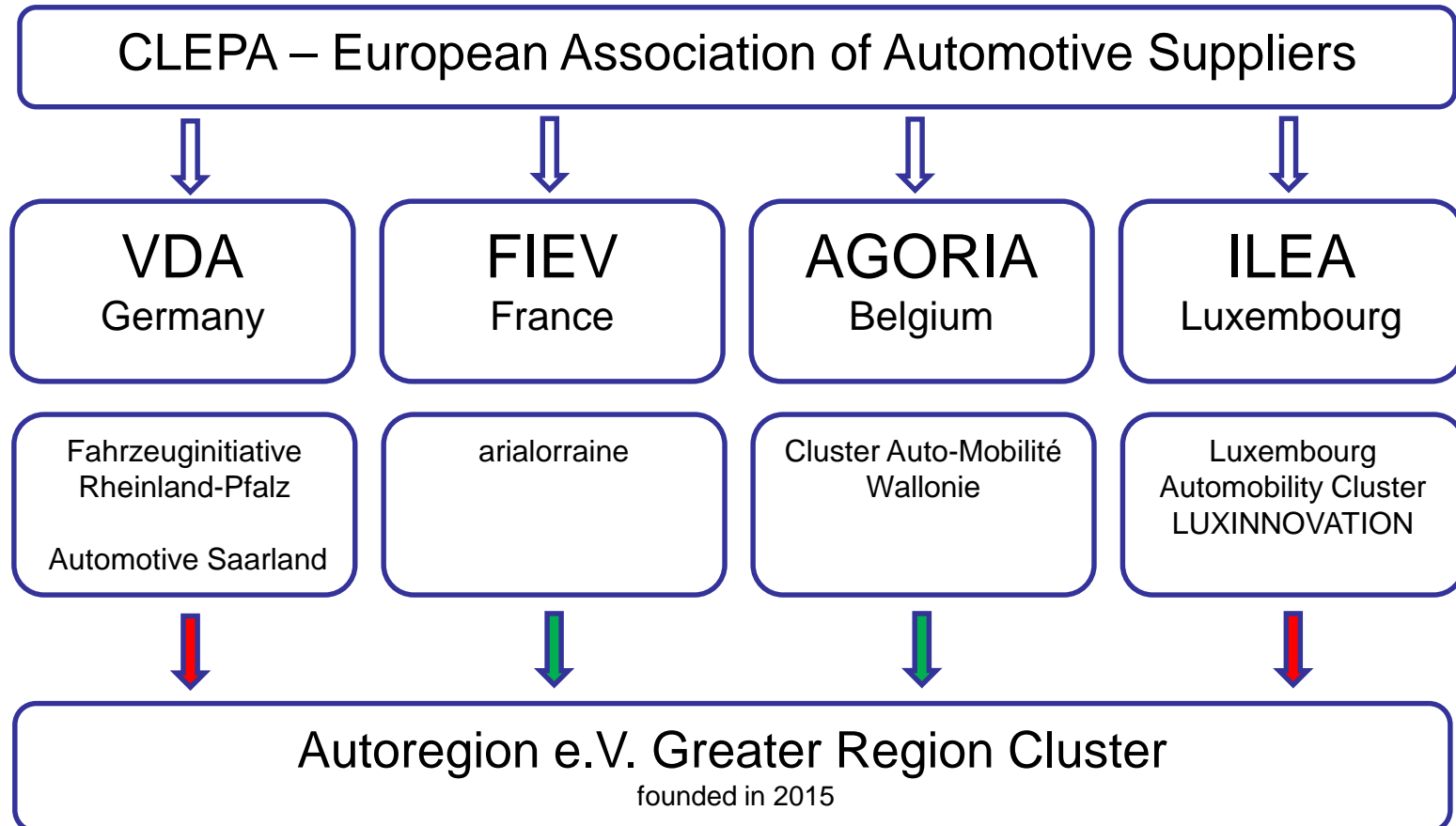
Every vehicle produced in Europe is equipped with components 'designed or made in Luxembourg'.



About ILEEA

- Association of Luxembourg automotive suppliers
- Founded in 2002
- Hosted by FEDIL
- Member of CLEPA
- Cooperation with the Luxembourg Institute of Science and Technology (LIST) and the University of Luxembourg
- Initiator of the Luxembourg Automobility Cluster launched in 2014 and hosted by Luxinnovation





Our Vision

'Our vision is for the Luxembourg Automotive suppliers to be amongst the leading providers of highly efficient and sustainable mobility solutions worldwide.'



ILEA represents

- Component production sites exporting to all major European automobile manufacturers
- Tier1 and Tier2 engineering and application centers
- R&D centers (public and private) in automotive and mobility
- R&D centers in materials and composite materials
- Vehicle homologation services
- Mobile connectivity service providers
- Manufacturing solutions providers
- Automotive Consulting



ILEA members



Automotive Components produced in Luxembourg



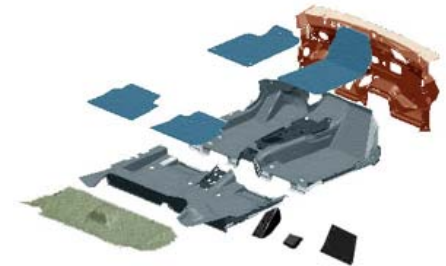
- Tires for heavy duty Vehicles

- High strength flat steel sheets, for
light weight car body reinforcement
and passive safety



- Fuel venting systems

- Interior trim components

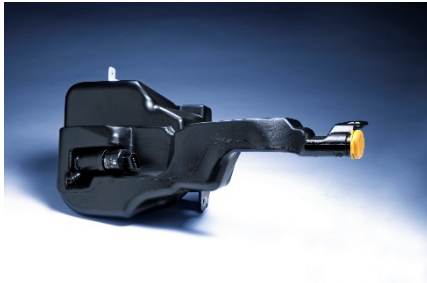


Automotive Components produced in Luxembourg



- Sensors for temperature; oil level thermistors; thermostats

- Diesel fuel heaters



- Windshield washer systems

- Standard boxes and lids for car Batteries



- Gas control products



Accumalux; CEBI Luxembourg; Rotarex



Automotive Components produced in Luxembourg



- Windshields, Backlights; sunroofs
- Occupant sensing
- Advanced Driver Assistance Systems (ADAS)
- Human machine interface
- Smart Trunk opener



Carlex; IEE



Automotive Engineering Centres



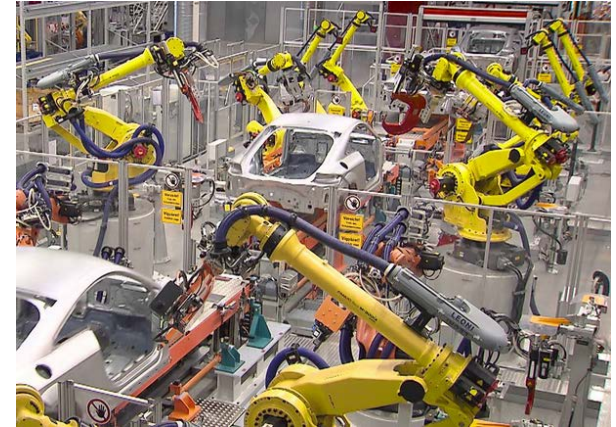
- **Tires** for all vehicle classes
- **Powertrain control systems; components & software**
Gasoline; Diesel; CNG; hybrid and electrical
- **Camera; radar** and obstacle detection & image analysis
- Vehicle **thermal management systems & AC compressor**
- **Gas control valves**
- **Thermal sensors & Diesel heaters**



Technology; Certification & Services

Industrial equipment

- FANUC Europe
- HITEC Luxembourg
- Siemens
- Codipro



Type approval and certification

- SNCH S.à r.l.
- Ateel S.A.
- Luxcontrol S.A.

Connectivity solutions for mobility applications

- POST Luxembourg



Automotive Public R&D in Luxembourg

- LIST – Luxembourg Institute of Science and Technology
LIST activities focus on two Key Enabling Technologies (KETs):
 - Advanced Materials, Composite Materials
 - Nanotechnology
- University of Luxembourg
 - SnT - Interdisciplinary Centre for Security, Reliability and Trust
 - Research in Physics and Materials
 - FSTC – Faculté des Science, de la Technologie et de la communication



Our Priorities

- **Mobility evolution**

Connecting vehicles, infrastructures and users. New cooperative systems will transform the way vehicles interact with their surroundings. Car-to-user, car-to-car and car-to-infrastructure communication play an increasing role in our mobility.

- **Automated driving**

The automation of the driving tasks is one of the emerging technical evolutions which will enhance road safety, road decongestion; user comfort and mobility for all.

- **Energy & Environment**

ILEA members are dedicated to transport sustainability by improving air quality and energy. We develop a wide range of technologies for further CO2 emissions reductions as well as enhanced energy efficiency.



Our Priorities

- **Safety**

Road safety is not only a societal challenge, but also a focus area of strategic importance to Luxembourg automotive suppliers, who have are active in safety technology for decades.

- **Growth & Competitiveness**

ILEA members operate globally . It is key to them to be on the forefront of digitalization in products, production processes, PC&L and R&D.



ILEA board

Camille Feyder, President (Delphi)

François Delé, Vice-President

Members of the board:

Lynn Elvinger (CEBI)

Julian Proffitt (Raval Europe)

Patrick Roulling (IEE)

Henk Van Tuyl (Goodyear)

Georges Santer, Secretary General (FEDIL)

Contact:

ILEA

PO Box 1304

L-1013 Luxembourg

Tel.: (+352) 43 53 66 - 1

e-mail: ilea@fedil.lu

website: www.ilea.lu