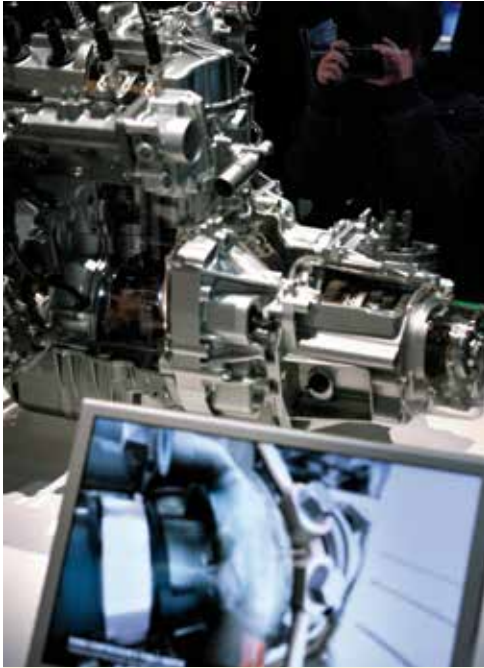


Research and Innovation



European
Automobile
Manufacturers
Association



Did you know?

- The European automotive industry is the EU's largest investor in R&D, spending over **€41.5 billion** annually.
- Manufacturers apply for **6,000** patents per year.
- Most innovation and research activities in the industry are focused on **environmental performance, safety, and connectivity**.

What are the key challenges?

1. Create the optimum conditions for industrial investment in Research and Innovation (R&I) to drive societal and economic benefits.
2. Shorten the path from R&I to market uptake.
3. Optimise the benefits of collaboration.

What do we need?

- A flexible policy framework for R&I which supports industrial competitiveness, reduces regulatory burdens and fosters long-term investment.
- A share of EU funding under the Horizon 2020 programme for collaborative future-oriented automotive R&D and innovation that reflects the societal and economic importance of the sector.

How can this be achieved?

- Promoting the competitiveness of the European automobile sector by ensuring technology-neutral automotive regulations.
- Aligning the programme of Horizon 2020 to the R&I roadmaps and needs of the automobile manufacturers, including environmental performance, safety and vehicle connectivity.
- Exchanging best practices on improving market uptake of these new technologies between the European Commission, member states and other stakeholders.

Policy examples

- Horizon 2020 research priorities
- European Green Vehicles Initiative
- Intelligent transport systems (ITS)

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Policy examples in context

Horizon 2020

What is it?

- The EU's multi-annual framework programme for funding research and innovation.

What is ACEA's priority?

- Focus a critical mass of Horizon 2020 funding on key automotive research priorities.

How can it be achieved?

- Aligning the content of Horizon 2020 programmes to support automotive innovation, in particular: the European Green Vehicles Initiative, road transport programmes, ICT for smart mobility, factories of the future, and logistics.

European Green Vehicles Initiative

What is it?

- A public-private partnership between industry and the EU focusing on vehicle efficiency, including electro-mobility.

What is ACEA's priority?

- Promote industrial innovation and meet key challenges.

How can it be achieved?

- Ensuring vehicle manufacturers are in the leading position for defining research topics and innovation priorities.

Intelligent transport systems

What is it?

- ITS technology includes initiatives like the eCall emergency notification system, road traffic management systems for varying speed limits or traffic flow, collision prevention and driver assistance systems.

What is ACEA's priority?

- Deploy ITS systems across Europe in order to improve traffic flow and safety.

How can it be achieved?

- Adopting international standards.
- Supporting feasibility projects.