



Roadmap towards clean vehicles

Automotive Industry Forum in Craiova

OVERALL OBJECTIVE

The Commission and Member States are preparing the EU automotive industry for the challenges ahead identified in the GEAR 2030 process, notably for zero emission cars and connected and automated driving. In this context, the Commission has put forward three initiatives:

1. 'Europe on the Move', introducing initiatives to make traffic safer, encourage smart road charging and reduce CO2 emissions, air pollution and congestion.

2. The Clean Mobility Package, introducing:

- new CO2 standards to help pushing the transition from conventional combustion-engine vehicles to clean ones;
- the Clean Vehicles Directive to promote clean mobility solutions;
- Trans-European deployment of alternative fuels infrastructure;
- the battery initiative to encourage the development and production of electric vehicles, and related mobility solutions of tomorrow, in the EU.

3. The Third Mobility Package, introducing:

- the General Safety Regulation: introduction of advanced safety features to contribute to safe roads;
- CO2 emission standards for heavy-duty vehicles;
- an Action Plan for Batteries to create a competitive and sustainable battery "ecosystem" in Europe;
- Connected and Automated Mobility strategy to make Europe a world leader for autonomous and safe mobility systems.

Implementation and enforcement of the rules regarding environmental performance of cars is a continuous obligation of the Commission and all Member States to regain citizens' trust in the industry and to prevent harm to consumers and the environment.

While important progress has been made over the last three years to address Dieselgate, the Commission and Member States' technical experts identified a number of further enforcement actions.

Member States, industry and stakeholders, with support of the European Commission, will work together to implement actions to ensure that vehicles on EU roads are clean and safe.

ACTION 1: ENSURING A DIESELGATE-FREE FUTURE

- Commission/Member States: Efficient implementation of the New Type Approval Regulation, in particular provisions on market surveillance:
 - Capacity building for Real Driving Emission testing;
 - Encouraging independent third party testing;
 - Cooperation between Member States/Joint Research Centre on the use of independent testing facilities;
 - Coordination of actions through the Forum , e.g. regarding the assessment of auxiliary emissions strategies (AES).
- Research on monitoring methods, e.g. remote sensing.

ACTION 2: ENSURING A CLEANER FLEET

- Industry/Member States: Encourage hardware retrofits.
- Commission: Investigate the feasibility of harmonising rules on retrofitting.
- Commission: Continue investigating the feasibility of a new emissions standard.
- Industry/Member States: Support fleet renewal (scrapping schemes).
- Commission/Member States: Enhance provisions for periodical technical inspection and roadworthiness testing, e.g. to detect possible manipulations.

ACTION 3: DELIVERING THE DIESELGATE RELATED RECALLS

- Member States shall take measures to ensure a recall rate of at least 90% within two years after the start of a mandatory recall.
- For the recalls of the Volkswagen EA189 related vehicles:
 - Reach an EU-wide recall rate of at least 90% by the end of 2019.
 - Member States should aim to have a recall rate of at least 80% by the end of 2019.

ACTION 4: ENSURING CONSISTENT IMPLEMENTATION AND ENFORCEMENT OF RECALLS

- Member States: Consider the use of mandatory recalls, in particular in cases where an approval authority already issued a mandatory recall.
- Member States: Request proof of update at, for example:
 - periodic technical inspection (PTI);
 - re-registration of vehicle (2nd hand vehicles);
 - renewal of insurance or renewal of registration;
 - de-registration of vehicle, e.g. in case of export.
- Commission: Prepare (together with Member States) and publish a Best Practice guidance on recalls through the Forum¹.

¹ The Forum for exchange of information on enforcement is established under the New Type Approval Regulation (EU) 2018/858 of the European Parliament and of the Council of 30 May 2018 on the approval and market surveillance of motor vehicles and their trailers, and of systems, components and separate technical units intended for such vehicles, amending Regulations (EC) No 715/2007 and (EC) No 595/2009 and repealing Directive 2007/46/EC.

ACTION 5: ENSURING THE TRANSPARENCY OF RECALL ACTIONS

- Industry/Member States: Improved information to the Commission of all remedial measures.
- Member States: Monthly input to the Recall Information Platform.
- Commission: Publication of periodic reports on the recalls progress.

ACTION 6: INFORMING CONSUMERS (VEHICLE-OWNERS)

- Industry: Enhance driver incentives, such as trust-building measures, free oil change, free servicing, free pick-up and delivery, providing a replacement vehicle, offer warranty extensions on affected components.
- Member States: Improve communication to consumers, e.g. on the consequences if cars are not updated.
- Commission/Member States/Non-Profit Organizations: raising awareness of consumers' rights and their enforcement.
- Commission: Facilitate cooperation using the CPC² - network.

² The Consumer Protection Cooperation (CPC) is a network of authorities responsible for enforcing EU consumer protection laws to protect consumers' interests in the countries of the European Union (EU) and the European Economic Area (EEA).