

The European Commission's science and knowledge service

Joint Research Centre

Proposal for a new type Approval Framework:

What role for JRC?





Potential roles of the JRC in the new type approval framework

Introducing an effective market surveillance system to control the conformity of cars already in circulation by Member States and the Commission.

- The JRC is expected to be the Commission Service responsible for the execution of the market surveillance tests.
- Tests and inspections of vehicles and/or of their components with a view to verifying that these conform to the applicable standards will be organized on an adequate scale.
- Furthermore, the tests may be carried out following non-standard procedures to assess whether there are shortfalls or loopholes that need to be corrected.



Potential roles of the JRC in the new type approval framework

Introducing more stringent performance criteria for these technical services (together with audits), and peer reviews for the national authorities.

- According to the proposal, before designating a technical service, the type-approval authority shall assess it together with a joint assessment team comprising representatives of type-approval authorities of at least two other Member States and a representative of the Commission.
- The JRC may be expected to represent the Commission in this joint assessment team. The JRC may also carry out on-the-spot verification testing to check the performance of the technical services to ensure a consistent stringency and levelled playing field across the whole Euro



Potential roles of the JRC in the new type approval framework

Introducing more European level monitoring in the type approval system:

- According to the proposal, a forum should be established for exchange of information, good practices on enforcement as well as joint inspections, chaired by the Commissions.
- Within this forum and for this purpose, the JRC may be expected to coordinate, and mediate, a network of the national authorities responsible for the type-approval and market surveillance.
- JRC may also promote regular meetings on compliance and enforcement with international organizations responsible for vehicle type approval in non-EU countries.



Resources needed to cover the additional tasks

- Target: Testing 130 vehicles/year on average

- Additional facilities:
 - 2 new emission test facilities for passenger cars +soak area
 - SHED for evaporative emissions
 - 5 new PEMS units for both gaseous emissions and PN
 - 2 MEuro running costs/year +investments for facilities (~11 MEuro)

- Staff:
 - 22 staff (including 12 lab technicians)



**Thank You
for
your attention!**