

### Modern diesel technology Latest type-approval results for the growing fleet of RDE-compliant cars November 2018









European Automobile Manufacturers Association

# About the RDE test



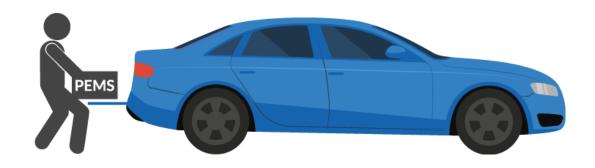
### NEW REAL DRIVING EMISSIONS (RDE) TEST

- The new RDE test ensures that cars deliver low pollutant emissions where it matters
  - Closing gap: lab vs on-road performance
- RDE measures the key pollutants, NOx and particles, emitted by cars on the road
  - Driven over a wide range of conditions
    using portable emission measuring kits
  - Verifies that legal RDE thresholds for pollutants are not exceeded
- Came into effect on 1 September 2017



## RDE-COMPLIANT EURO 6 CARS

- Auto makers have made major investments to deliver significant improvements in NOx emissions from RDE-compliant vehicles
- Latest generation of diesel and petrol cars emit very low pollutant emissions on the road, under new RDE test



- RDE-compliant cars will play a strong role in helping cities move towards compliance with EU air quality targets
- Need to differentiate between old diesel fleet and RDE vehicles



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## Latest RDE approval results



#### Latest industry-wide RDE approvals show very low NOx

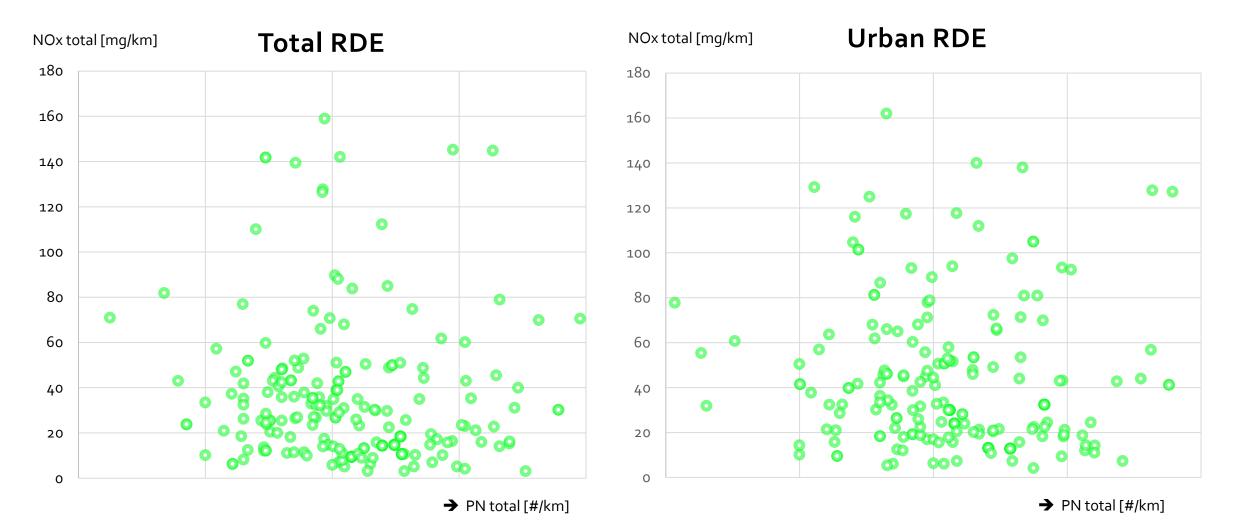
- $\circ~$  Both during total RDE trip (city, rural and motorway driving) and urban RDE
- O Urban trip is more challenging than total RDE trip, but data is showing excellent performance (below the Euro 6 NOx limit) in urban environments

#### • Increasing availability of RDE-compliant Euro 6 diesels

- February 2018: RDE data for <u>14</u> diesel types (ie each type representing a 'family' of similar vehicles, so a multitude of models available on the market)
- October 2018: RDE data for <u>270</u> diesel types (x 19 in the space of 8 months!)
- These data are not driven by car manufacturers, results are generated (on the road) by drivers of the approval authorities!

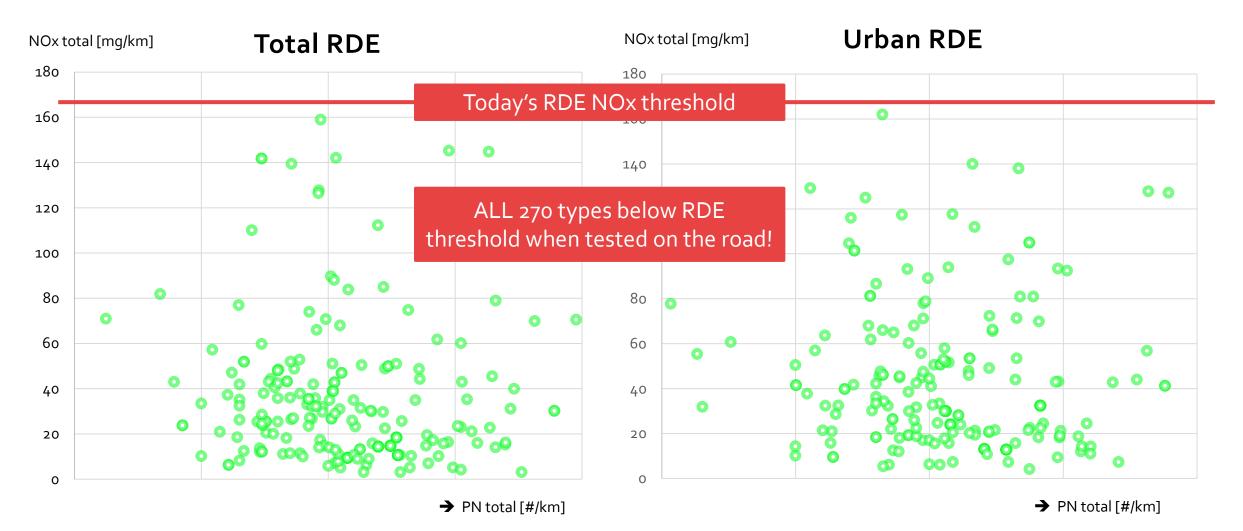


#### October 2018: data for 270 RDE-compliant diesel vehicle types





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