

The European Commission's science and knowledge service

Joint Research Centre



Sustainable Transport Unit

Directorate C Energy, Transport and Climate

Conventional Vehicle Pollutant Emissions

Test Cycles, Procedures, Limits

Real-World Emissions, Energy Efficiency

Road Fuels

Well to Wheel, Fuels Quality, Biofuels Compatibility

Biofuels Sustainability

TRIMIS

European Commission's Transport Research and Innovation Monitoring and Information System (TRIMIS)

Electrification of Transport

Components, Vehicles, Smart Grid Interface and Big data for Transport Policy

Alternative Fuels for Transport

Including Aviation, AFI (Alternative Fuel Infra) NPFs assessment

Autonomous Road Transport

Connected, Coordinated and Automated Road Transport



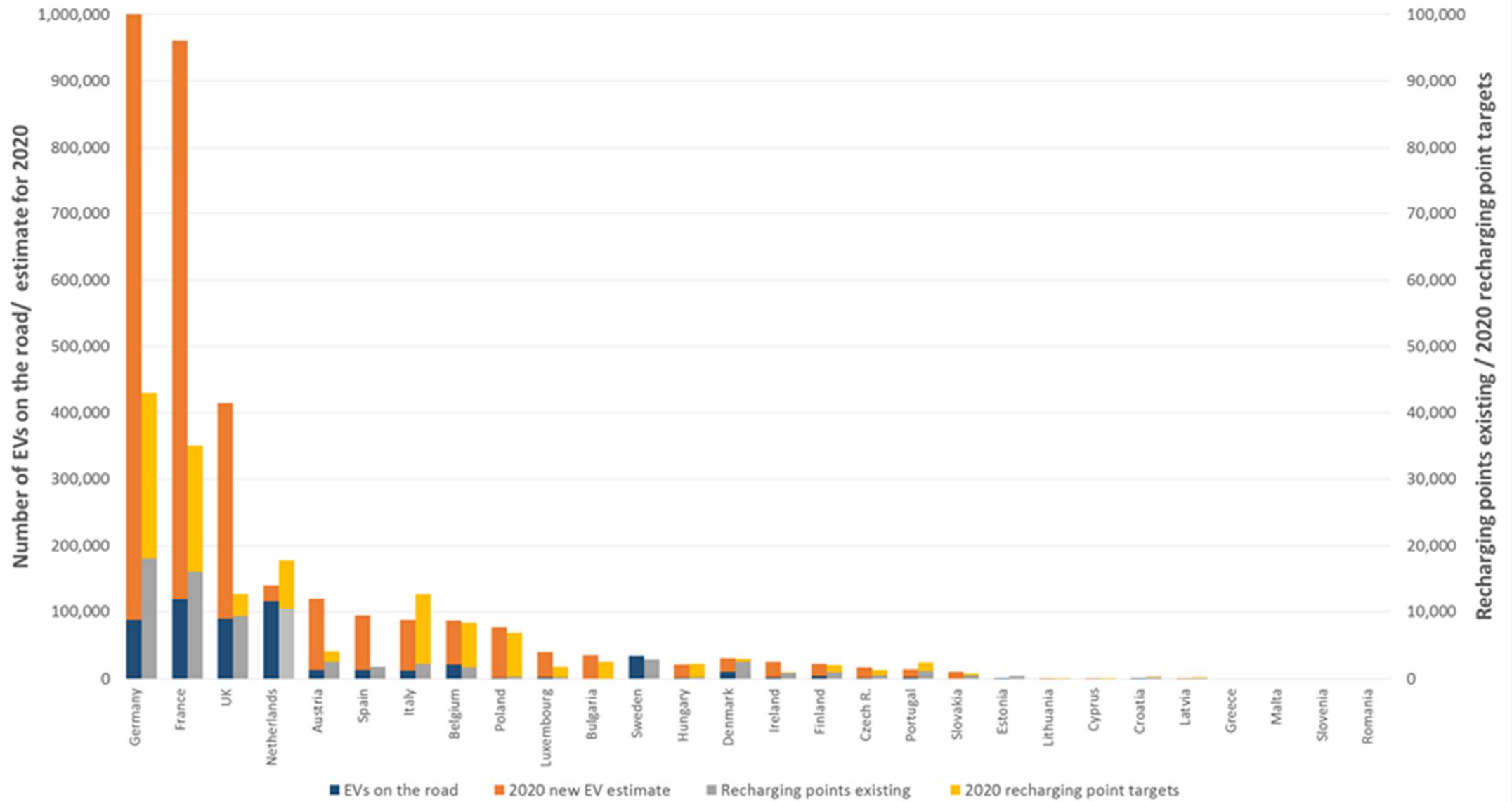
Policy support

- Scientific support to DG MOVE
- Assessment of the National Policy Frameworks submitted to the Commission by the Member States in compliance with Directive 2014/94/EU on the deployment of alternative fuels infrastructure.
- ✓ Commission Staff Working Document entitled "Detailed Assessment of the National Policy Frameworks"
- ✓ Communication "Towards the broadest use of alternative fuels - an Action Plan for Alternative Fuels Infrastructure"
- ✓ Part of the second mobility package adopted on the 8th of November 2017

Online information

- European Alternative Fuels Observatory www.eafo.eu which contains the current situation of the alternative fuels infrastructure and fleets in Europe
- It will also contain interactive maps with the location of the infrastructure (September 2018)
- DG MOVE TENtec Interactive Map Viewer. It focuses on the TEN-T networks and it contains only infrastructure deployed/to be deployed as part of projects funded by the European Commission.

2020 recharging point targets and EV estimates

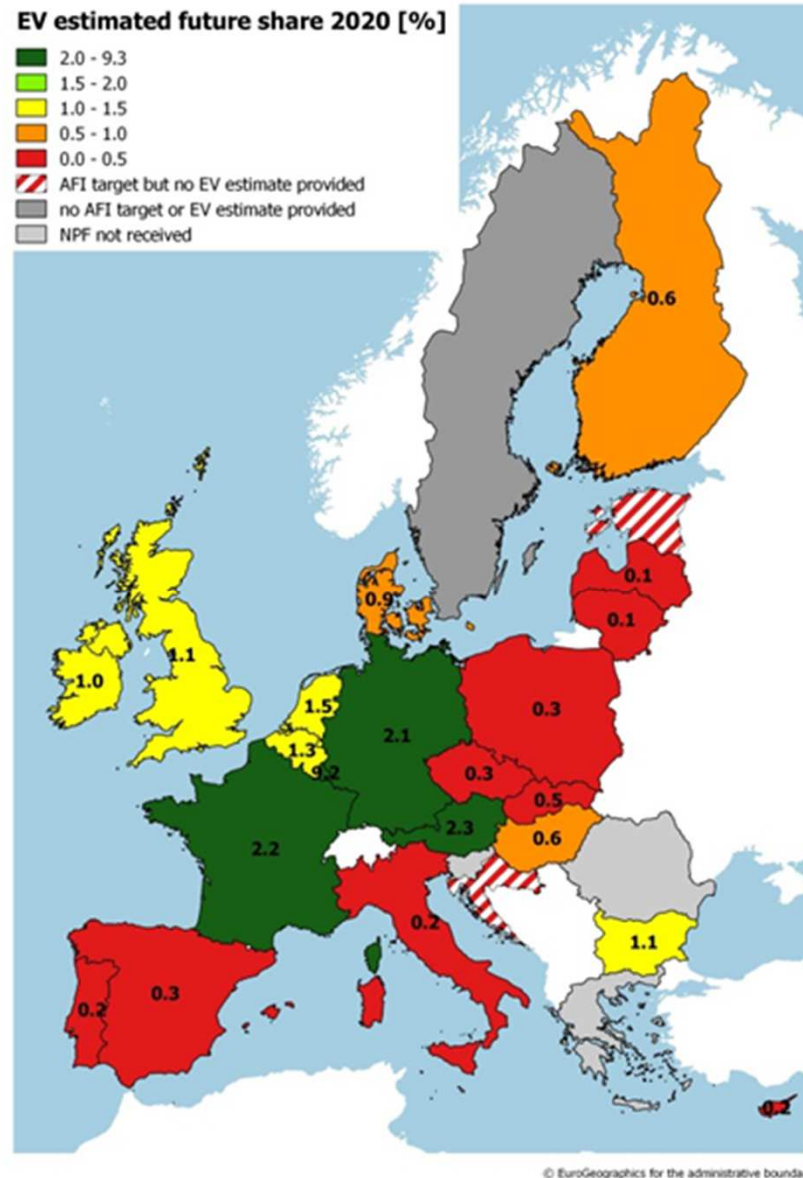


Recharging points

- Almost all NPFs define targets for publicly accessible recharging points.
- Only seven NPFs (Cyprus, Denmark, Hungary, Italy, Latvia, the Netherlands, and Portugal) define a target that would ensure at least one publicly accessible recharging point per 10 electric vehicles for 2020.
- For the Member States that provide future EV estimates, the ratio of electric vehicles per publicly accessible recharging point ranges from 5 (in Latvia) to 32 in the different NPFs.

The map shows the 2020 estimated shares of electric vehicles according to the NPFs

Situation on the 8th of November 2017, Clean Mobility Package – SWD/2017/0365





Any questions?

Julea Andreea

Andreea.JULEA@ec.europa.eu