

Latest figures, data and facts on clean mobility with alternative drives and fuels

NOW GmbH stands for holistically conceived clean and efficient electric mobility in an integrated energy system with the key technologies of batteries, hydrogen and fuel cells. NOW GmbH coordinates funding programmes for alternative fuels and drives and advises the federal government in these areas. The funding programmes are: The National Innovation Programme for Hydrogen and Fuel Cell Technology, Local electric mobility, Recharging infrastructure for electric vehicles, and The Mobility and Fuels Strategy of the German Government.

> **6** e-cars currently avail of a single public charging point (Status 04/2019, Sources: KBA and BDEW)



drive on Germany's roads

(Source: KBA, status 05/2019)



Recharging infrastructure Inventory per federal state

Fast-charging points

Normal charging points



Source: BnetzA Status: 09.05.2019



World's largest fuel cell train fleet

From 2022, 27 fuel cell trains will replace diesel railcars on four regional train lines in Taunus. Hesse is thereby creating the world's largest fuel cell train fleet.



120,071 applications received for the environmental bonus for electric mobility (Source: BAFA, Status 05/2019)

Clean ships

There is now federal funding available for innovative pilot projects on the practical testing of environmentally-friendly onboard power supply and mobile shore-side electricity systems.

Approvals, status June 2019



Basis = Local electric mobility programme and the Immediate Action Programme for Clean Air; excluding cars and infrastructure

European goals for the building up of alternative fuel infrastructure

Hydrogen infrastructure by 2025

Charging infrastructure for electric mobility by 2020*

* Not all member states provide separate figures for fast-charging points.

** In Denmark figures pertain to already existing hydrogen refuelling stations.

Source: Evaluation of the National Strategic Framework according to Dir 2014/94/EU (AFID)



Comparison of CO2 emissions from diesel and hydrogen

Figures per forklift include fuel provision in tonnes of CO2 per year.





Mobility without emissions

- with the NOW StandortTOOL, we are planning infrastructure.

162 municipal electric mobility concepts have been funded

80% of municipalities are active in the area of electric mobility

Source: BMVI/NOW towns survey

Hydrogen refuelling stations in Germany:

in operation (status 06/2019)

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Expansion target by 2020:

100