

The Long-Term Strategy must drive the electrification of transport

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The Long-Term Strategy gives Europe a comprehensive vision for the decarbonisation of its largest carbon-emitting sector: transport. Accounting for over a quarter of European greenhouse gas emissions, the transport sector needs a detailed assessment. The Platform for Electro-mobility therefore welcomes the increased focus on the different transport segments and the inclusion of additional parameters in the assessment, such as the impact on air quality, the final and primary energy use and the life-cycle impacts of transport modes, including on land use, water use and resource scarcity.

The Long-Term Strategy must now be made the cornerstone for ambitious EU action to electrify European mobility.

As recently shown by the International Energy Agency, the decarbonisation of transport will first require a modal shift to more energy-efficient transport modes such as railways and electrified urban public transport, as well as cycling. This must be accompanied by a transition to zero emissions in all modes: for road transport, and according to the European Environment Agency, electric cars are the best performing vehicles in terms of life-cycle greenhouse gas emissions. With falling battery costs and an increasing number of vehicles on the road, electro-mobility is therefore **the key solution available** to achieve a fast and effective transition to a zero-emissions transport sector.

Electro-mobility will also bring huge opportunities for European green growth. European companies are global leaders in clean public transport solutions. Manufacturing of both electric car and bus components, such as batteries, and of chargers will provide for economic and employment opportunities, while installation, operation and maintenance of charging points will stimulate highly-qualified and local jobs: in total, at least 206 000 net additional jobs can be created by 2030¹. Conversely, failure to enact a conducive EU regulatory framework for the uptake of electro-mobility risks endangering the competitiveness of Europe's mobility industries in the face of growing demand for low- and zero-emission technologies.

Besides, the transition to electro-mobility will support the emergence of new business models and support an ambitious and strategic European leadership in innovative clean technologies. For instance, smart charging will bring additional value to electro-mobility and current experimentation on vehicle-to-grid ecosystems is also opening new paths of energy optimisation. This will support the integration of renewable electricity with economic benefits for consumers.

Finally, decarbonisation of our economy and the fight against air pollution in cities are a major challenge in Europe and will be a core topic of 2019 European elections: policy-makers must address it to create a success story for the EU.

The shift to electro-mobility is not just an option, but a necessity that is already happening: more than 1 million e-vehicles and more than 10 million electric bikes are now on European roads, and 4 trains out of 5 are already running on electricity. Europe must now be ambitious and transform this Long-Term Strategy into concrete actions for a European success story.

¹ "Fuelling Europe's Future: How the transition from oil strengthens the economy", European Climate Foundation, 2018.

- **The Platform for Electro-mobility therefore calls on the European Council to aim at complete or virtually complete decarbonisation of transport and to task the Commission with developing a Zero Emission Mobility Package with dedicated sectorial targets for electrification and related infrastructure investments.**
- **Meanwhile, policy-makers must ensure that the 2021-2027 Multiannual Financial Framework includes adequate funding and financing schemes for electric mobility related projects and that the Mobility Package files support the electrification of transport.**

Reference to [the Platform for Electro-mobility response to the European Commission's public consultation](#).