

Policy paper

Smart and Sustainable Mobility Strategy

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Electromobility is the best solution to achieve the climate and industrial ambition of the European Green Deal for transport. The Sustainable and Smart Mobility Strategy will present the European Commission's new vision on mobility for the upcoming years and must thus set a long-term and ambitious policy framework and support the further electrification of all modes of transport.

It needs particularly to support the roll-out of an accessible charging infrastructure network for all modes of transport. The urgent revision of the TEN-T guidelines and AFI Directive for road and rail must occur without any delay and will ensure the decarbonisation of both modes of transports. The revision of the AFI Directive must be ambitious and should clearly set minimum binding targets per the Member States and type of vehicles (LDVs and HDVs) for the deployment of charging infrastructure for low- and zero emission transport technologies in order to reach the 2050 climate neutrality objective.

Smart charging, and demand-side resources (i.e. vehicle to grid) will therefore constitute a key enabler to strengthen future synergies between transport, digital, and energy sectors, supporting Europe's energy transition and fostering technological innovation. In line with the Energy System Integration Strategy, the Platform for Electro-Mobility recommends that EU and Member States' policy-makers encourage and develop policies in support of these innovative system integration technologies to unlock all the benefits it can deliver to the electricity system and to society at large.

The European Commission must also make sure that the synergies between energy and mobility are maximised with adequate financial cross-sectoral schemes. Funding and support for electrical upgrades (within buildings as well as grid connections) necessary to install charging equipment should also be made available to consumers, for instance through the upcoming Renovation Wave initiative, and namely through the revision of European Performance of Buildings Directive.

Support for zero emission mobility will address the behavioural changes and answer the growing demand. Therefore, it would be important for the Commission to shape regulations to drive affordable supply of EV models and design mechanisms to enhance the consumers' uptake of electro-mobility innovations and ensure social inclusion of lower income households. The corporate market is a clear lead market for electrification and the strategy should include mechanisms to require more and more fleets such as company cars, taxis and delivery vehicles to electrify and support companies towards this goal. It is also key to rebalance the modal shares with a view to encouraging a greater use of energy-efficient modes with the highest electrification rates such as rail as well as measures to ensure the modal shift to rail.

The Battery Directive will be key to create a sustainable environment and should provide conditions for the EU to become more competitive. The new strategy should also support innovative and competitive business models for the second life and recycling of EV batteries. The Smart and Sustainable Mobility Strategy should recognise the vital role of businesses in stimulating the EV market and providing EV charging to help make e-mobility a more affordable and viable option for citizens across the EU.

New mobility zero emission shared services alongside public transport (bus, rail, tram and metros) have a key part to play in the electrification of urban transport. In cities, the development of a sustainable and efficient urban freight, with a focus on zero emissions trucks as well as last-mile delivery services, are long-term solutions which need to be stimulated.

Furthermore, taxation is a central driver for the decarbonisation of transport, and it is essential that the EU's taxation rules are aligned with its decarbonisation commitment. Specifically, the revision of the Eurovignette and the Energy Taxation Directives is a chance to build a future-proof taxation policy, adapting to a modern and decarbonised economy while accompanying the uptake of electromobility by integrating a CO2 component.

The Platform for Electro-mobility unites organisations from across civil society, industries, cities and transport modes. Its members are committed to promote electro-mobility and strive to collectively develop solutions to electrify European transport, and to promote those solutions to the EU institutions and Member States. The Platform is working to create a sustainable, multimodal transport system in which people and goods are predominantly moved across land in Europe using sustainable electricity. The aim of the Platform is to drive the development and implementation of sustainable European Union policies, programmes and initiatives to move people and goods by electricity <https://www.platformelectromobility.eu>.