EU strategy for sustainable and smart mobility

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The strategy was launched on 9 December 2020. Consists of vision, objectives for 2030, 2035 and 2050. 10 flagships. Action plan with 82 initiatives. Part of Green Deal.

Main message in the vision:

- The future transport system must be **green**, exploit the opportunities offered by **digitalisation** and become more **resilient** against climate change and pandemics.

- Crucial that mobility is **available and affordable for all**, that **rural and remote regions** are better connected, accessible for persons with reduced mobility and **persons with disabilities**.
By 2030:

- At least 30 million zero-emission vehicles will be in operation on European roads
- Zero-emission vessels will become ready for market
- 100 European cities will be climate neutral
- High-speed rail traffic will double
- Scheduled collective travel of under 500 km should be carbon neutral within the EU
- Automated mobility will be deployed at large scale
By 2035:

• Zero-emission large aircraft will become ready for market

By 2050:

• Nearly all cars, vans, buses as well as new heavy-duty vehicles will be zero-emission
• Rail freight traffic will double
• High-speed rail traffic will triple
• The TEN-T equipped for sustainable and smart transport with high speed connectivity will be operational for the comprehensive network.
FLAGSHIP 1 – BOOSTING THE UPTAKE OF ZERO-EMISSION VEHICLES, RENEWABLE & LOW-CARBON FUELS AND RELATED INFRASTRUCTURE

• Revision of the CO2 standards for cars and vans and heavy duty vehicles
• Policy to stimulate demand for zero emission vehicles. Apply measures of carbon pricing, taxation, road charging
• Promote High-performing tyres
• Revision of the Directive on end-of-life vehicles
• Consider to establish a Renewable and Low-Carbon Fuels Value Chain Alliance
• Create a comprehensive network of recharging and refuelling infrastructure

FLAGSHIP 2 – CREATING ZERO-EMISSION AIRPORTS AND PORTS

• Ports and airports as multimodal mobility transport hubs
• Measures to make our airports and ports clean
• Establish wide ranging ‘Emission Control Areas’ in all EU waters
FLAGSHIP 3 – MAKING INTERURBAN AND URBAN MOBILITY MORE SUSTAINABLE AND HEALTHY

• Create enabling conditions for transport operators to offer by 2030 carbon-neutral choices for scheduled collective travel below 500 km within the EU
• The European Year of Rail of 2021. Implement 4th railway package
• Action plan to boost long-distance and cross-border passenger rail services
• Revising the Urban Mobility Package

FLAGSHIP 4 – GREENING FREIGHT TRANSPORT

• 75% of inland freight carried today by road to shift to rail and inland waterways
• Rail freight needs serious boosting. Exploit potential of inland waterways
• Revision of regulations governing Rail Freight Corridors and the TEN-T core network corridors
FLAGSHIP 5 – PRICING CARBON AND PROVIDING BETTER INCENTIVES FOR USERS

• Implement the ‘polluter pays’ and ‘user pays’ principles without delay in all transport modes
• Propose to extend the Emission Trading Scheme to the maritime transport sector
• Fossil-fuel subsidies should end
• Smart, distance-based road charging, with varied rates for the type of vehicle and the time-of-use, is an effective tool

FLAGSHIP 6 - CONNECTED AND AUTOMATED MULTIMODAL MOBILITY A REALITY

• The lack of harmonisation and coordination of relevant traffic rules and liability for automated vehicles needs to be addressed
• Transform its legal framework to support multimodal travel information, booking and ticketing services
FLAGSHIP 7 – INNOVATION, DATA AND ARTIFICIAL INTELLIGENCE FOR SMARTER MOBILITY

- Drive the research and deployment of innovative and sustainable technologies in transport (drones, autonomous vehicles, hyperloop, hydrogen aircraft, electric personal air vehicles, electric waterborne transport)
- Ensure that the key digital enablers are in place and to ensure the highest level and performance of digital infrastructure, notably through 5G
- Undertake further efforts related to data availability, access and exchange

FLAGSHIP 8 – REINFORCING THE SINGLE MARKET

- Investments must be coordinated and prioritised within EU funding programmes
- Ensure that the new TEN-T Guidelines are consistent with the ‘do no significant harm’ principle and with the European Green Deal
- Increased use of joint and cross-border public procurement
- Step up to ensure multimodality and interoperability between different modes
FLAGSHIP 9 – MAKING MOBILITY FAIR AND JUST FOR ALL

• Meet the need for affordable, accessible and fair mobility for passengers and other users of transport services
• PSOs should be even more targeted and efficient and, where possible, serve the shift to a multimodal system
• Protection for passengers and their rights – also across modes
• Strengthen the legislative framework on conditions for transport workers

FLAGSHIP 10 – ENHANCING TRANSPORT SAFETY AND SECURITY

• The safety and security of the transport system is paramount and should never be compromised and the EU should remain a world leader in this field.
• The EU will update and improve the existing security framework, including tackling cyber threats