

# SUSTAINABLE & SMART **MOBILITY STRATEGY**

## Putting European transport on track for the future



# The Strategy

Our vision for the future of European transport and mobility

## KEY ELEMENTS

- **Three objectives:** making the European transport system more **sustainable, smart and resilient**
- **10 flagship areas** with key **milestones**
- **Action plan** with a list of concrete policy actions
- Comprehensive **Staff Working Document**

# Milestones – 2030/35

**By 2030**

- **Min. 30 million zero-emission cars and 80 000 zero-emission lorries in operation**
- **Min. 100 climate neutral cities**
- **Scheduled collective travel under 500 km should be carbon-neutral** within the EU
- **Doubled high-speed rail** traffic, rail freight traffic increases by 50%
- Transport by **inland waterways & short sea shipping** increases by 25%
- **Rail & waterborne-based intermodal will be able to compete** on equal footing with road-only transport in the EU
- **Paperless freight** transport
- **Automated mobility** deployed at a large scale
- Integrated electronic **ticketing**
- Operational **multimodal Trans-European Transport Network** equipped for sustainable and smart transport with high speed connectivity (**core** network)
- Zero-emission **ocean-going vessels ready for market**

**By 2035**

- **Large zero-emission aircraft** ready for market

# Milestones – 2050

**By 2050**

- **Nearly all cars, vans, buses** as well as **new heavy-duty vehicles** will be **zero-emission**
- **Doubled rail freight** traffic, **tripled high-speed rail** traffic
- Transport by **inland waterways & short sea shipping** increases by **50%**
- **External costs** of transport within the EU will be **covered by the transport users**
- **Death toll** for all modes of transport in the EU close to **zero**
- Operational **multimodal Trans-European Transport Network** equipped for sustainable and smart transport with high speed connectivity (**comprehensive network**)

## AN IRREVERSIBLE SHIFT TO ZERO-EMISSION MOBILITY



SUSTAINABLE



SUSTAINABLE

## FLAGSHIP AREAS

- **FLAGSHIP 1 - BOOSTING UPTAKE OF ZERO-EMISSION VEHICLES, RENEWABLE & LOW-CARBON FUELS AND RELATED INFRASTRUCTURE**
- **FLAGSHIP 2 - CREATING ZERO-EMISSION AIRPORTS AND PORTS**
- **FLAGSHIP 3 - MAKING INTERURBAN AND URBAN MOBILITY MORE SUSTAINABLE AND HEALTHY**
- **FLAGSHIP 4 - GREENING FREIGHT TRANSPORT**
- **FLAGSHIP 5 - PRICING CARBON AND PROVIDING BETTER INCENTIVES FOR USERS**

## **FLAGSHIP 1: BOOSTING VEHICLES, FUELS AND INFRASTRUCTURE**

- **Revision of the Alternative Fuels Infrastructure Directive**
  - Revision is part of the Fit for 55 Package on 14 July 2021
  - COM will address minimum infrastructure needs in all modes of transport
  - COM will consider options for binding minimum requirements for the roll-out of infrastructure, and further measures to ensure full interoperability of infrastructure and use services
  - Detailed needs assessment (e.g. number of public recharging/refuelling points) will be part of Impact Assessment accompanying AFID revision
  - Other key issues to tackle: adequate information for consumers to end the current lack of transparency on pricing, and facilitating seamless cross-border payments

## **FLAGSHIP 1 - BOOSTING UPTAKE OF ZERO-EMISSION VEHICLES, RENEWABLE & LOW-CARBON FUELS AND RELATED INFRASTRUCTURE**

- **Strategic roll-out plan**
  - COM will publish a strategic roll-out plan outlining supplementary actions in support of rapid deployment of alternative fuels infrastructure
  - Developed in collaboration with the Commission's Sustainable Transport Forum expert group, bringing together key public and private representatives of the entire value chain
  - Objective: support roll-out of dense, widely-spread network ensuring easy access for all customers, incl. operators of heavy-duty vehicles



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**THANK YOU!**