

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, **trippled 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**)



FLAGSHIP AREAS

- **FLAGSHIP 1 - BOOSTING UPTAKE OF ZERO-EMISSION VEHICLES, RENEWABLE & LOW-CARBON FUELS AND RELATED INFRASTRUCTURE**
 - Explore the benefits of retrofitting and renewal schemes in various transport modes
- **FLAGSHIP 2 - CREATING ZERO-EMISSION AIRPORTS AND PORTS**
- **FLAGSHIP 3 - MAKING INTERURBAN AND URBAN MOBILITY MORE SUSTAINABLE AND HEALTHY**
 - Action Plan to boost passenger rail transport (2021)
 - Measures to better manage and coordinate international rail traffic, including if necessary through revised rules for capacity allocation and infrastructure charging in rail (2022)



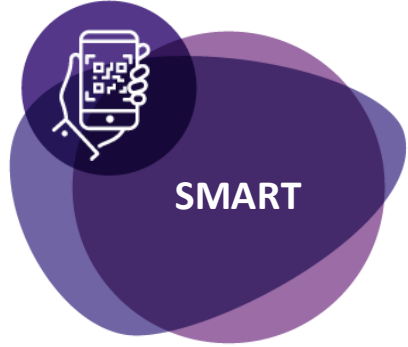
FLAGSHIP AREAS

- **FLAGSHIP 4 - GREENING FREIGHT TRANSPORT**
 - Better alignment of Rail Freight Corridors and TEN-T (2021)
 - Review of the regulatory framework for intermodal transport, including the Combined Transport Directive (2022)
 - Guidelines on informing users about the carbon footprint of their deliveries and on offering sustainable delivery choices (2023)



FLAGSHIP AREAS

- **FLAGSHIP 5 - PRICING CARBON AND PROVIDING BETTER INCENTIVES FOR USERS**
 - Revision of Energy Tax, VAT, ETS
 - EU framework for harmonised measurement of transport and logistics emissions
 - Guidelines to inform passengers about the carbon footprint of their trip and to enable passengers to voluntarily offset it



SMART

FLAGSHIP AREAS

- **FLAGSHIP 6 - MAKING CONNECTED AND AUTOMATED MULTIMODAL MOBILITY A REALITY**
 - Framework for ticketing across modes
 - Adopt railway technical specifications package on ERTMS/Control-Command and Signalling (CCS); and develop mandatory deployment plans for automatic train operation, automated traffic management and advanced CCS
 - Review the regulatory framework for interoperable data sharing in rail transport
- **FLAGSHIP 7 - INNOVATION, DATA AND AI FOR SMART MOBILITY**
 - Renew Shift2Rail Partnership



RESILIENT

FLAGSHIP AREAS

- **FLAGSHIP 8 – REINFORCING THE SINGLE MARKET**
 - Review of Trans-European Transport Networks (TEN-T)
 - Guidance on freight PSOs and review of transport relevant State aid rules
 - Assess the impacts of the COVID-19 pandemic on connectivity and competition in the market, and propose follow-up measures as appropriate
 - Prepare crisis contingency plans for the transport sector, including health-safety and operational measures and setting out essential transport services



FLAGSHIP AREAS

- **FLAGSHIP 9 - MAKING MOBILITY FAIR AND JUST FOR ALL**
 - Review of the passenger rights regulatory framework, including to ensure its resilience to extensive travel disruptions, and including options for multimodal tickets (2021-2022)
 - Revision of the Directive on the certification of train drivers (2022)
- **FLAGSHIP 10 - ENHANCING TRANSPORT SAFETY AND SECURITY**
 - Improve security for passenger rail travel by implementing the results of the action plan on rail security and the Rail Passenger Security Platform (2022)

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THANK YOU!