SUSTAINABLE & SMART
MOBILITY STRATEGY

" **Through the implementation of this strategy, we will create an irreversible shift to zero-emission mobility while making our transport system more efficient and resilient.**

EUROPEAN COMMISSIONER FOR MOBILITY AND
TRANSPORT ADINA **VĂLEAN** "

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#MobilityStrategy

Context

- The **European Green Deal** calls for a 90% reduction in greenhouse gas emissions from transport by 2050, to help the EU become the first climate neutral continent.

- To this end, the Commission announced a **Strategy for Sustainable and Smart Mobility** to be adopted in 2020.

- In the meantime, transport was amongst the sectors hardest hit by the **Coronavirus pandemic.**

- It has shown that we need to continue to work on the future of our European transport system so that it can quickly **recover from the severe impact of this crisis.**

- We need to set out **much needed reforms, policies and actions to support the sector.**

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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

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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)

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SUSTAINABLE

AN IRREVERSIBLE SHIFT TO ZERO-EMISSION MOBILITY

- Making all transport modes more sustainable,
- Making sustainable alternatives widely available in a multimodal transport system,
- Putting in place the right incentives to drive the transition.

SUSTAINABLE

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)

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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)

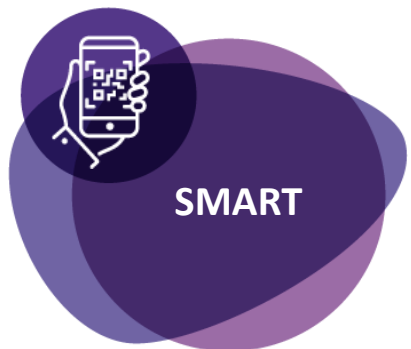European Commission | Mobility and Transport

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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

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SMART MOBILITY - ACHIEVING SEAMLESS, SAFE AND EFFICIENT CONNECTIVITY

SMART

- Offering a seamless multimodal experience
- Supporting sustainable choices by taking advantage of digitalization & automation
- Shaping the mobility of the future
- Ensuring the right framework and enablers are in place

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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

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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

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RESILIENT

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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THE EU AS THE WORLD'S CONNECTIVITY HUB

- Ensuring undistorted international competition & a level playing field
- Deepening of transport relations
- Supporting the EU enlargement process
- Promoting global climate action

INTERNATIONAL

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INTERNATIONAL

- Strengthen the link between transport and neighbourhood policies in key areas, and develop a comprehensive approach to connectivity with neighbouring countries, including by working closely with the Transport Community, extending the TEN-T, providing technical support and cooperation, and concluding new sectoral agreements.

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Rail transport

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Rail – additional elements

- **European Year of Rail 2021**
  - Rail connectivity index
  - Green label

- Report to EP on through tickets (2022, under 4th Railway Package)
- Revision of Commission Implementing Regulation 2015/1100 on the reporting obligations of the Member States in the framework of rail market monitoring

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THANK YOU!