SUSTAINABLE & SMART
MOBILITY STRATEGY
Logistics and multimodality

Transport Community - 7th Transport Facilitation Technical Committee meeting
25 January 2021
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**.
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
The 3 objectives

Objective 1: Sustainable Mobility
- AN IRREVERSIBLE SHIFT TO ZERO-EMISSION MOBILITY
  - 90% reduction in transport emissions;
  - All transport modes are made more sustainable;
  - Sustainable alternatives are available;
  - Right incentives are in place for sustainable choice

Objective 2: Smart Mobility
- ACHIEVING SEAMLESS, SAFE AND EFFICIENT CONNECTIVITY
  - Seamless multimodal transport based on digital solutions;
  - Unleash full potential of data;
  - Develop and deploy connected, cooperative, and automated mobility services;
  - Paperless freight transport in favour of fast, digital procedures.

Objective 3: Resilient Mobility
- A MORE RESILIENT SINGLE EUROPEAN TRANSPORT AREA: FOR INCLUSIVE CONNECTIVITY
  - Reinforced Single Market:
    - more investment in infrastructure and fleets;
    - deepening and enforcing internal market;
    - making our system crisis proof.
  - Fair and just mobility (that is affordable and accessible);
  - Enhanced safety and security.
**Milestones – 2030/35**

**By 2030**
- Min. 30 million zero-emission cars and **80 000 zero-emission lorries** in operation
- Zero-emission **ocean-going vessels** ready for market
- 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
- Operational **multimodal Trans-European Transport Network** equipped for sustainable and smart transport with high speed connectivity (**core** network)

**By 2035**
- **Large zero-emission aircraft** ready for market
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)
A SUSTAINABLE AND MULTIMODAL FREIGHT TRANSPORT

Modal shift to more sustainable modes
- Investments in terminals
- Efficiency of transhipment technologies
- Support to intermodal transport
- Better performance of non-road modes

Putting in place the right incentives to drive the transition.
- Implementation of polluter/user pays principles
- Harmonised measurement of GHG emissions in logistics chains

Taking advantage of digitalisation & automation
- Efficient capacity and traffic management
- Advanced digital infrastructure
- Data availability, access and exchange, transparent supply chains

A more resilient single European transport area
- Reinforcing Single Market with a multimodal perspective
- Investments, public and private, in infrastructure and fleet
Research will help to innovate

Horizon Europe
Cluster Climate, Energy and Mobility

Research to:

• **Decarbonise** the energy and transport sector by 2050

• Improve the **sustainability and competitiveness** of the energy and transport industry and the quality of the services (using digitalisation)

https://ec.europa.eu/info/horizon-europe_en

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4.6 Develop seamless, smart, safe, accessible and inclusive mobility systems

• Make **automated and connected road transport** safe and competitive

• Develop efficient and innovative transport **infrastructure**

• Develop the future **transport network and integrated traffic management**

• Enable **multimodal freight logistics** and passenger mobility services

• Increase transport **safety** – per mode and across modes

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European Commission | Mobility and Transport
Work programme 2021-2022

Possible TOPICS on:

- Multimodal freight transport nodes and logistics **networks integration**
- **Resilient** logistics networks
- Smart **enforcement** in road transport
- Greening the last mile and **urban planning**
- Advanced multimodal network and traffic management
- Climate-resilient and sustainable multimodal infrastructures
- **Lowering** infrastructure related emissions (to construct, maintain and decommission)

For possible COLLABORATION

- European Technology Platform **ALICE**: logistics stakeholder community active in research projects

Tentative CALL PLANNING

- Opening: April 2021 – Closing: Oct 2021
- Opening: Oct 2021 – Closing: Jan 2022
- Opening: April 2022 – Closing: Sept 2022
- *Info to be on Participant Portal* [website](#)
THANK YOU!

webpage with the relevant documents and communication material:
https://ec.europa.eu/transport/themes/mobilitystrategy_en