

# SUSTAINABLE & SMART **MOBILITY STRATEGY**

## Putting European transport on track for the future



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



# 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**

## 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

- 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

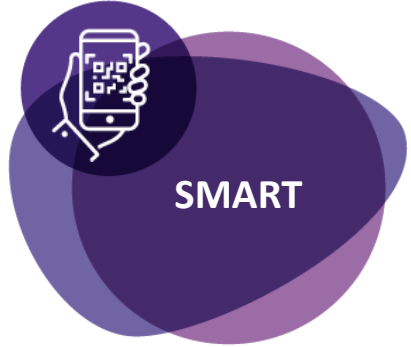
- **FLAGSHIP 1 - BOOSTING UPTAKE OF ZERO-EMISSION VEHICLES, RENEWABLE & LOW-CARBON FUELS AND RELATED INFRASTRUCTURE**
- **FLAGSHIP 2 - CREATING ZERO-EMISSION AIRPORTS AND PORTS**
- **FLAGSHIP 3 - MAKING INTERURBAN AND URBAN MOBILITY MORE SUSTAINABLE AND HEALTHY**
- **FLAGSHIP 4 - GREENING FREIGHT TRANSPORT**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



## SMART MOBILITY - ACHIEVING SEAMLESS, SAFE AND EFFICIENT CONNECTIVITY

- 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





SMART

## FLAGSHIP AREAS

- **FLAGSHIP 6 - MAKING CONNECTED AND AUTOMATED MULTIMODAL MOBILITY A REALITY**
- **FLAGSHIP 7 - INNOVATION, DATA AND AI FOR SMART MOBILITY**



## A MORE RESILIENT SINGLE EUROPEAN TRANSPORT AREA: FOR INCLUSIVE CONNECTIVITY

- Reinforcing the Single Market
- Helping the sector build back better from the crisis & become more resilient
- Increasing investments, both public and private, in infrastructure and fleets



## **FLAGSHIP AREAS**

- **FLAGSHIP 8 – REINFORCING THE SINGLE MARKET**
- **FLAGSHIP 9 - MAKING MOBILITY FAIR AND JUST FOR ALL**
- **FLAGSHIP 10 - ENHANCING TRANSPORT SAFETY AND SECURITY**

## 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**

SUSTAINABLE & SMART  
**MOBILITY STRATEGY**



**THANK YOU!**