



# Overview on Mobility Packages

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# 2016 Low Emission Strategy

## Higher Efficiency of the Transport System

### Digitalisation

Door-to-door mobility, integrated logistics, new mobility services, comprehensive travel information  
*Connected, Cooperative and Automated Mobility*

### Price Signals

Internalization of external costs, user and polluter pay  
*Framework for road charging and electronic tolling systems*

### Multimodality

Multimodal integration, incentivize shift to lower emission modes  
*Rail freight corridors, combined transport*

## Alternative Energy for Transport

### Production/Use

Incentives to innovate, effective solutions for all modes of transport  
*Revision of legislation on fuels and renewable energy*

### Infrastructure

Availability of infrastructure, common standards and consumer information  
*EU/MS policy framework, financing, stakeholder platforms*

### Electromobility

Removing barriers (interoperability, real-time information)  
Linking the transport and energy systems

## Low and Zero-Emission Vehicles

### Confidence

Trustworthy emissions testing and standards  
*New type approval framework, more stringent test procedure*

### Standards

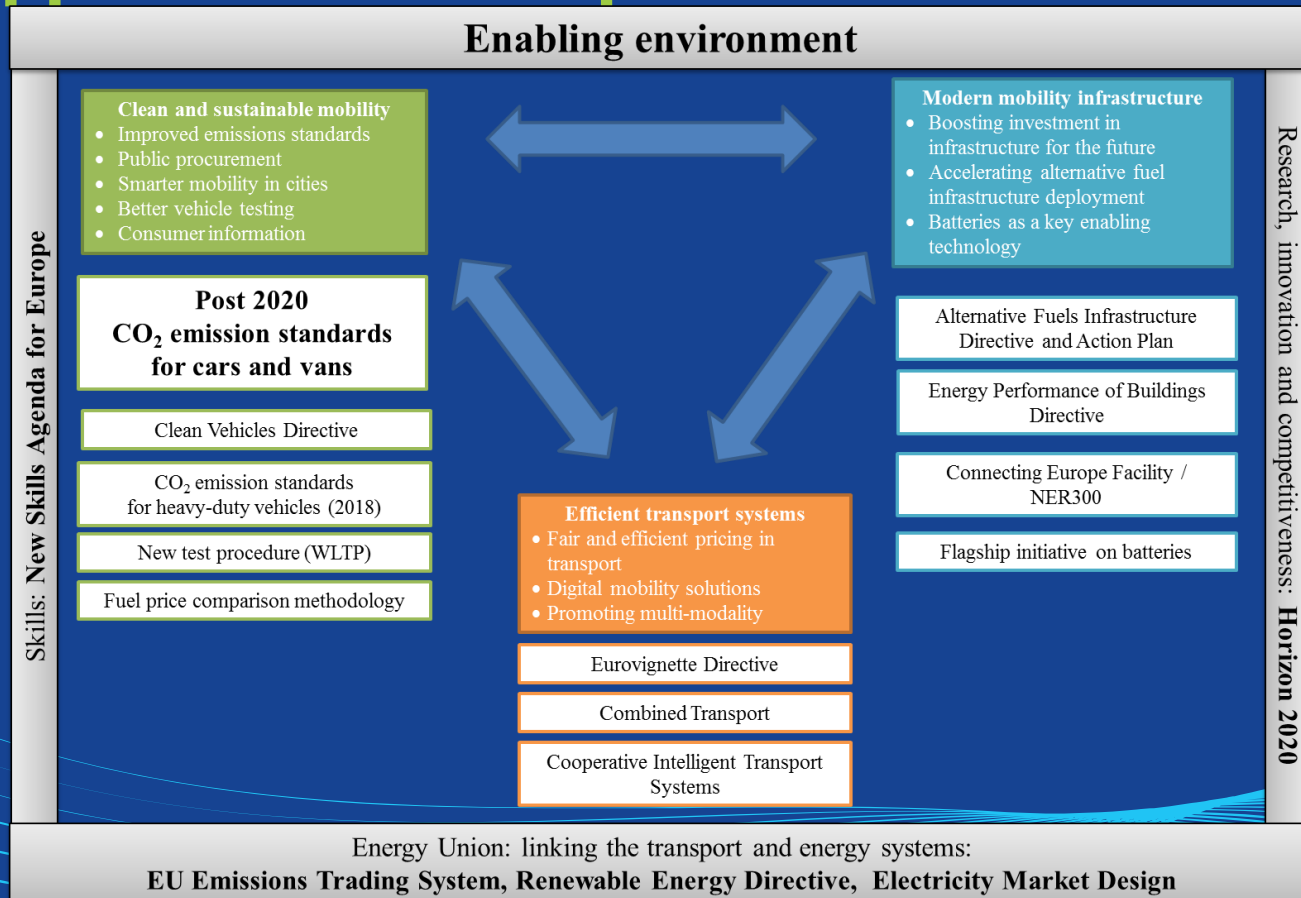
Post-2020 standards for cars and vans  
Certifying/monitoring heavy duty vehicle emissions, analytical work on options for standards

### Consumers

Consumer information through car labelling  
Support through public procurement rules



# 2017-2018 Mobility Packages: an integrated approach to transport decarbonisation





# Mobility package 1

# ROAD TRANSPORT STRATEGY

**Europe** on the Move



- A Well-Functioning Internal market**
- Fair Competition & Workers' rights
  - Decarbonisation
  - Digital Technologies



# Mobility package "Europe on the Move"

## Internal Market

- Letterbox companies
- Cabotage
- Light goods vehicles (LCVs)
- Hired Vehicles

## Social Rules

- Weekly rest
- Posting of workers
- Working time

**Socially Fair and  
Competitive  
Mobility**

**Clean and  
Sustainable  
Mobility**

- Road Charging
  - Tolls versus Vignettes
  - Vehicles
  - External costs
  - Fighting congestion

- European Electronic Toll Service (EETS):
  - Cross-border enforcement
  - Technology
  - Access to market for EETS service providers
  - Digital enforcement

**Connected  
Mobility**



# Mobility package 2



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- New **CO2 standards** to help manufacturers to embrace innovation and supply low-emission vehicles to the market.
- The revision of the **Combined Transport Directive**
- The **Directive on Passenger Coach Services**, to stimulate the development of bus connections over long distances across Europe and offer alternative options to the use of private cars, will contribute to further reducing transport emissions and road congestion.
- The **battery initiative**



# Revision of the Clean Vehicles Directive

## Directive 2009/33

- Requires public authorities to take into account energy and environmental impacts when purchasing vehicles (technical specifications /award criteria)
- Has had limited impacts

## Commission proposal COM(2017)653

- Addresses limits of existing Directive by:
  - Introducing a definition of clean vehicles
  - Setting national targets for their share in public procurement
  - Expanding the scope beyond purchase (lease, services...)

# Action Plan on Alternative Fuels Infrastructure (COM (2017) 652 final)

## Reporting on implementation of Directive 2014/94

–  
assessment of  
national policy  
frameworks  
(NPFs)

## Action at EU level to complement and better implement NPFs:

- Collaboration (TEN-T, urban)
- Investment support (CEF)
- Inter-operability of services
- Integration of transport and energy systems

## Facilitating policy dialogue:

- Roadshow in Member States
- Annual conference on clean transport
- Sustainable Transport Forum





# Mobility package 3

## Clean Mobility

- Legislative initiatives
  - on **CO<sub>2</sub> standards for trucks**,
  - on their aerodynamic,
  - on tyre labelling and
  - On a common methodology for fuels price comparison.
- Strategic **Action Plan for Batteries**.



# Safety

- A 'Chapeau' Communication, including a new road safety policy framework for 2020-2030
- A Revision of the infrastructure safety management directive
- A Revision of the vehicle safety and pedestrian safety regulations



# Digital freight

- EU maritime single Window environment
- E-freight transport information

# On the road to automated mobility: An EU strategy for mobility of the future

## 3 main axes:

1. **Developing** key technologies and infrastructures in the EU
2. Ensuring **safe deployment** of automated mobility and **future-proof** legal framework
3. Addressing **societal concerns**, in particular jobs and ethical issues
  - Two new actions proposed:
    1. Single platform on CCAM/ Common and shared vision on testing and deployment of CCAM. Build on work done in ITS Committee and STRIA
    2. Public Private Partnership





# Conclusions



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## SOME OF THE KEY ACTIONS PROPOSED BY THE COMMISSION SINCE MAY 2017



## Graz Declaration

"Starting a new era: clean, safe and affordable mobility for Europe"





European  
Commission



European  
Commission

## Our Vision for A Clean Planet for All

November 2018



*"As Europeans, we want to leave a healthier planet behind for those that follow. We obviously cannot turn a blind eye to the climate challenge; we must look to the future."*

Jean-Claude Juncker, State of Union address  
September 2018



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- Strategic long-term vision for a prosperous, modern, competitive and climate-neutral economy by 2050
- No new policies or revision or 2030 targets - direction of travel for the long-term contribution to achieving Paris Climate Agreement objectives
- Transport a key contributor - combination of approaches
- Key role for both light and heavy-duty transport sector



**CO2 emission targets for cars, vans & trucks**  
**Clean Vehicles Directive**



**Renewable Energy Directive**  
**(& Battery Action Plan)**



**Alternative Fuels Infrastructure Directive (& Action Plan)**  
**Energy Performance of Buildings Directive**



**Intelligent Transport Systems Directive**  
**Combined Transport Directive**  
**Eurovignette Directive**

**(draft) EU Legislation supporting clean mobility**  
**(& other initiatives)**

# Pillars of Clean Mobility



Vehicles



Alternative/  
Clean  
Sources



Infra  
structure



Better  
Organisation





**Thank you!**



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