



The Commission's future spending plans in accordance with climate targets

Transport & Environment Event on EU Transport Spending
Brussels, 7 December

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Transport Investment (Unit B2)- DG Mobility and Transport

 @Transport_EU

Mobility and
Transport

CONNECTING
EUROPE



European Commission

The Connecting Europe Facility for Transport

European Commission



- 20% CO₂ emissions from transport by 2030

- Global solutions to reduce emissions (IMO, ICAO)
- Polluter pays principle
- Modal shift

DECARBONISATION



SINGLE TRANSPORT AREA FOR



GLOBAL LEADERSHIP

deployment of connected vehicles on European roads by 2019



- Intelligent Transport Systems (ERTMS, SESAR, VTMS, RIS)
- Collaborative Economy
- Drones

DIGITALISATION



INVESTMENT



- Innovative financing mechanisms (EFSI)
- Infrastructure investment (CEF)
- Strategic Research and Innovation

CEF €24 bn for 2014-2020



PEOPLE

- Safety and Security
- Passenger Rights
- Jobs

Halving road deaths by 2020



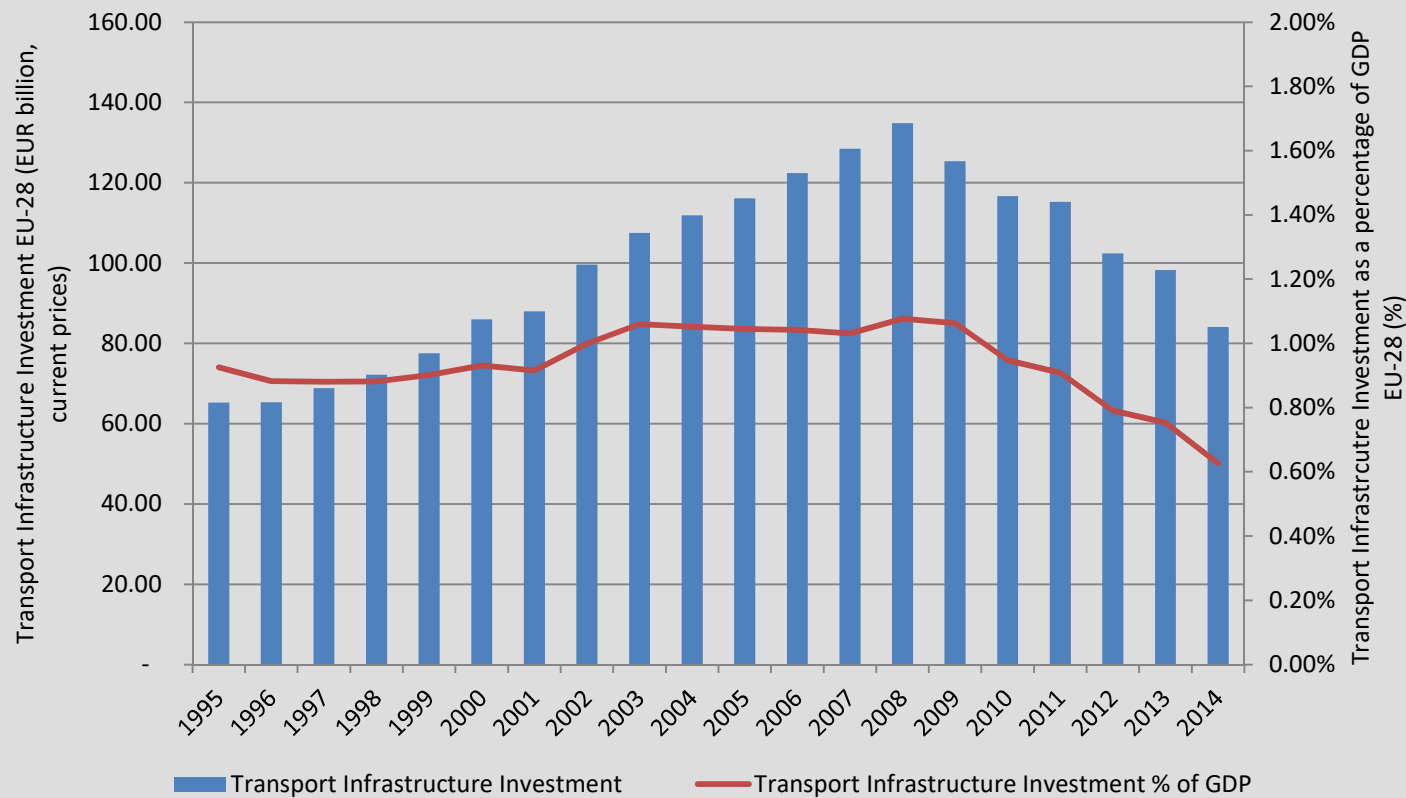
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Mobility and Transport

- **Paris Declaration on Electro-Mobility and Climate Change and call to action:**
 - Call for joint efforts – at least 20 percent of all road vehicles to be electrically powered by 2030
- **European Strategy for Low-Emission Mobility**
 - Underlines relevance of speeding up clean (alternative fueled) buses
- **From demonstration to deployment: the new Cleaner Transport Facility**

Historical Transport Infrastructure Investment in EU 28





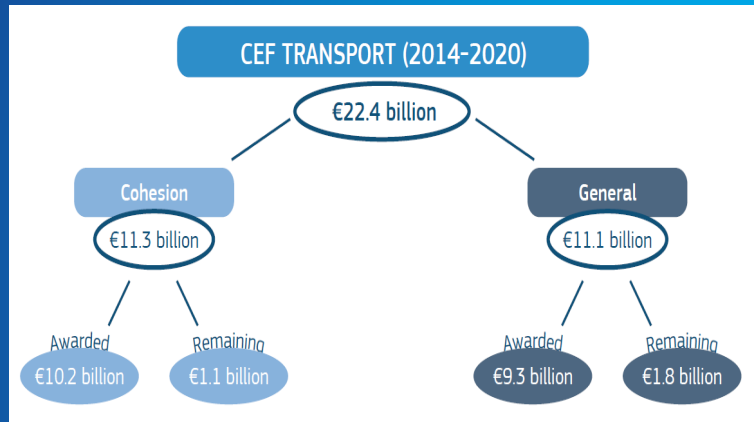
Solutions

- More systemic use of **innovative financing**
- EIB target: at least 40% of EFSI 2.0 financing **in line with COP21 objectives**
- CEF Debt Instrument & EFSI financial instruments (e.g. green shipping) should be considered for **projects with potential revenues**
- **Advisory Hub (ELENA)** for advisory and technical support
- **Blending EIB/EFSI financing, NPBs and other investors and CEF grants** is a possibility, with CEF grants to support the remaining funding gap

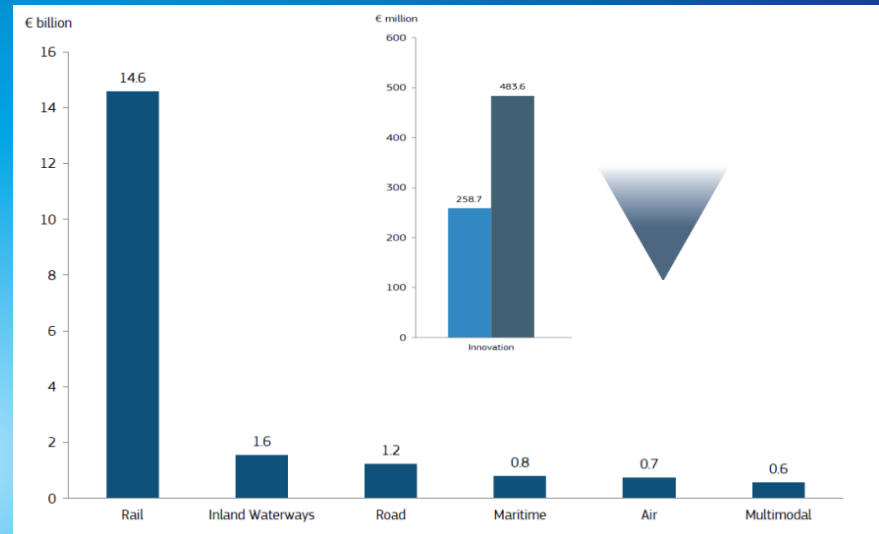
CEF structure, state of play and green credentials

Total CEF Transport budget:
€24.05 billion

€22.4 billion for grants
(blending with FIs)

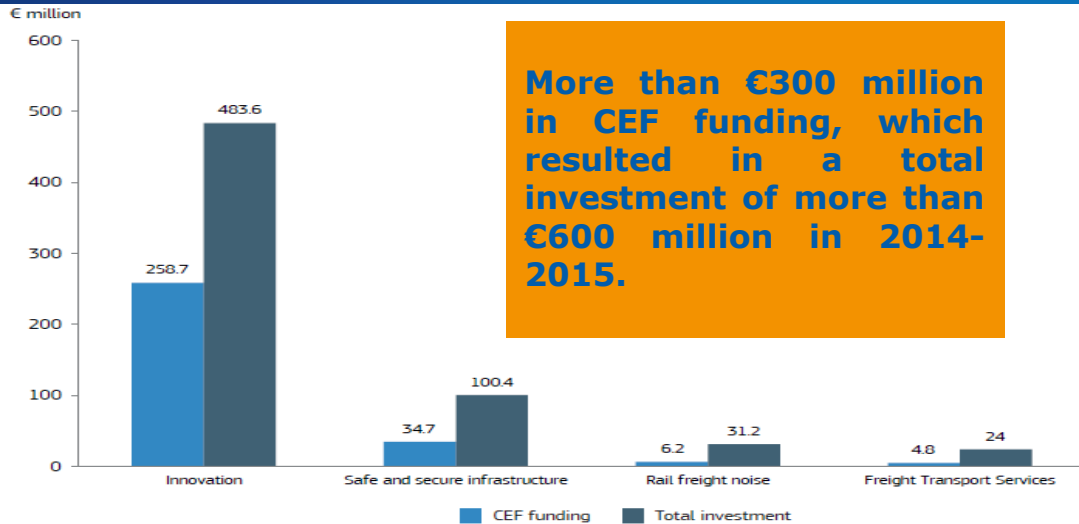


■ CEF funding ■ Total investment



€1.55 billion for Financial Instruments
(CEF-Debt Instrument)

Deploying sustainable and efficient transport



More than €300 million in CEF funding, which resulted in a total investment of more than €600 million in 2014-2015.



175 rail projects
EU investment n: €14.6 billion for 2014-2020. 75% of the CEF transport funding awarded.

€187 million invested to deploy 650 additional supply points for alternative fuel along the TEN-T road network by 2020.

CEF funding : €107 million



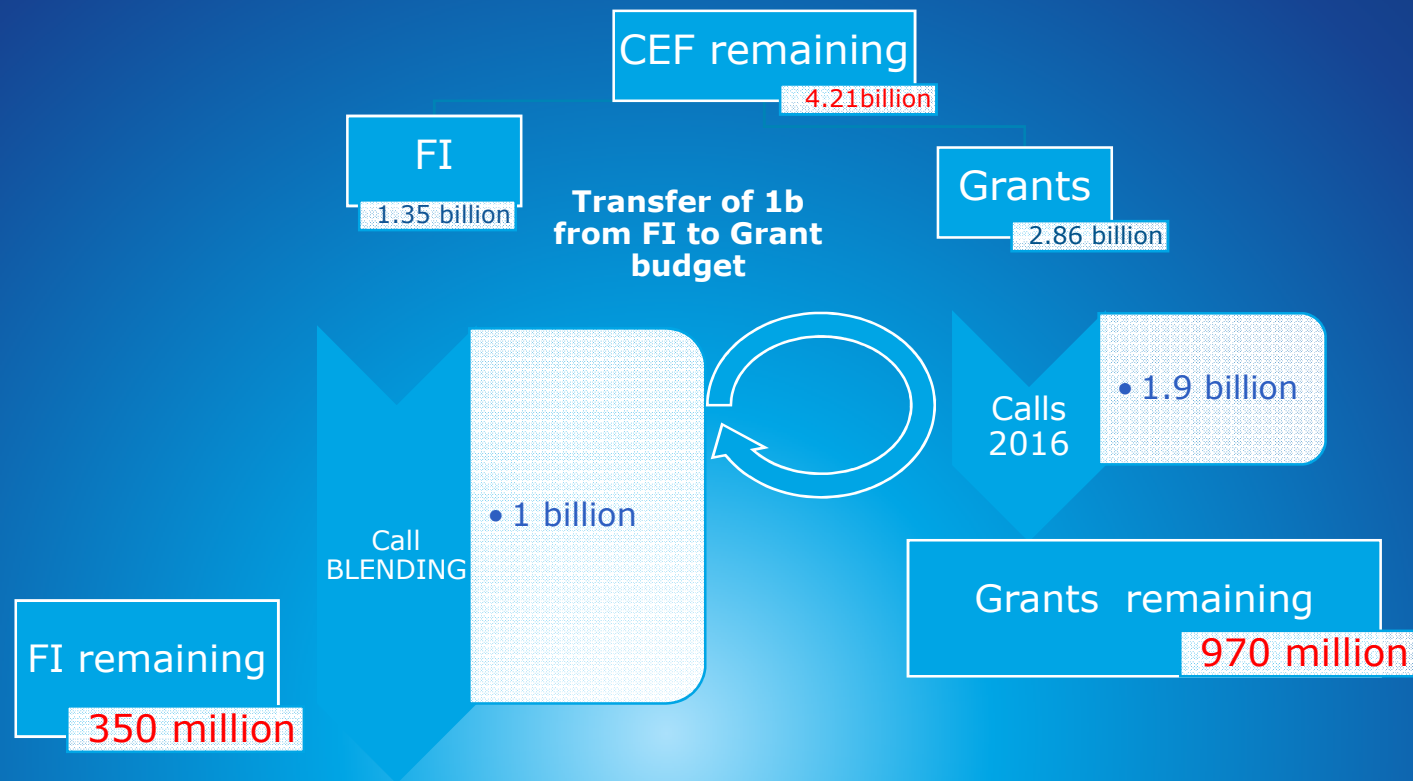
Number of alternative fuel supply points

Electricity (513)	CNG (65)	LNG (66)	H2 (6)
79%	10%	10%	1%



Funding opportunities: 2016/2017 CEF Transport Calls

CEF budget vs EU's investment needs in transport



- Across the EU, the demand for investments is much higher than the available funding : EUR 740 billion investment needed on the TEN-T until 2030.
- Promoters must find new ways to finance infrastructure-> *financial instruments (CEF debt, EFSI...)*



2016 CEF Transport Calls : €1 449.5 million

MAP

General envelope: €650 million:

- SESAR (€300 million)
- ITS (€120 million)
- Innovation (€80 million)
- ERTMS (€70 million)
- Core Network urban nodes (€40 million)
- Motorways of the Sea (€40 million)

Cohesion envelope: €849.5 million

- Infrastructure projects on the TEN-T Core Network in sustainable modes of transport (Annex I of CEF Regulation)
- Horizontal priorities

AWP

General envelope: €190 million

- Freight transport services (€20 million)
- Rail freight noise (€20 million)
- Cross-border infrastructure projects on both comprehensive & core TEN-T *not pre-identified in Annex I* of CEF Regulation (€110 million)
- Cross-border connections to neighbouring countries (€40 million)

Cohesion envelope: €250 million

- infrastructure projects on core TEN-T which are not pre-identified in Annex I of CEF Regulation (€250 million)



2016 CEF Transport Calls

Indicative timetable

MAP AND AP CALLS

Adoption of the CEF WPs 2016	Before 7 October 2016
Publication of Calls	13 October 2016
Info Day, Brussels	25 October 2016
Calls deadline	7 February 2017
Evaluation	February – May 2017
Presentation to CEF Committee	June 2017
Adoption of Selection Decision	July 2017
Preparation and signature of Grant Agreements	From August 2017



CEF Blending Call

Context and objectives

- Boost the EFSI transport pipeline and attract private finance

Approach (timeline, duration, processes, criteria etc.)

- Blending €1 billion of CEF grants with EFSI financing
- Expected launch early 2017

CLEAN ALTERNATIVELY FUELLED BUSES

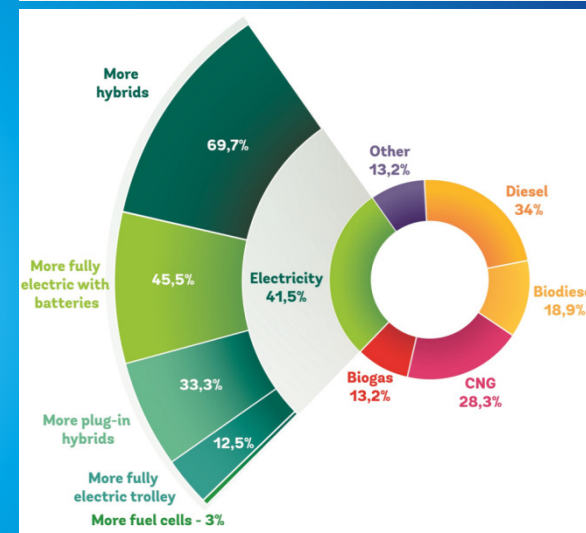
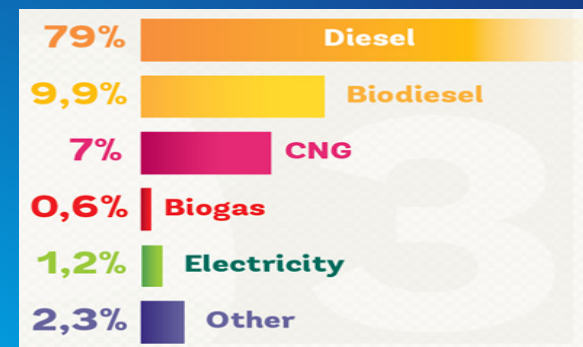
The Commission is willing to **push forward a deployment initiative on clean (alternative fuels) buses and related infrastructures in urban areas**, by:

- **Supporting work on major procurement principles** between cities, operators & manufacturers and create a platform for matching supply and demand;
- **Supporting a pipeline of projects** through better use of existing funds (European Structural Investment Funds), Technical Assistance Facilities (European Investment Advisory Hub, Jaspers and ELENA)
- **Accelerating Investment:** Setting up a Cleaner Transport Facility jointly with the EIB, with emphasis on clean (alternative fuels) buses.

Cleaner Transport Facility (CTF) 1/2

Launched at TTE Council December 1st

- **One-stop shop** to support accelerated deployment of cleaner transport vehicles and their associated charging and refuelling infrastructure (**alternative fuels under Directive 2014/94**).
- Focus on life-cycle cost models **involving risk-sharing financial instruments leveraging private sector funds**.
- Financing through **the EIB, European Fund for Strategic Investment (EFSI) and the Connecting Europe Facility (CEF)**.
- The European Investment Advisory Hub (EIAH) free for public entities + New ELENA 2016/2017 (+ €15 million from the transport H2020 budget) with grant funding for technical assistance.



Cleaner Transport Facility (CTF) 2/2

Example : upgrade tram system and green buses (Latvia)

- EIB loan of **€75 million** combined with CEF grant of **€8 million** and commercial finance
- Upgrade tram system: new rolling stock & infrastructure
- Purchase of 10 new hydrogen fuel cell buses
- Purchase of 10 new trolleybuses with hydrogen fuel cell range extenders
- Purchase of associated refuelling infrastructure





THANK YOU FOR YOUR ATTENTION

MORE INFORMATION AVAILABLE AT

<http://ec.europa.eu/transport>

<http://ec.europa.eu/invest-eu>

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