



# Funding opportunities for urban mobility: deployment and innovation

**2021 CIVITAS FORUM**  
**21 October 2021, Aachen**





*Octavia Stepan*  
*Head of sector*

*Integrated transport and urban mobility*  
*CINEA - Department C - unit C3 Transport Research*

# Sustainable and Smart Mobility Strategy



## 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 choices






## 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.



## 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.

# Urban and mobility challenges

- 75% of EU citizens live in cities (projected to increase to about 85% in 2050)
- 85% of the EU urban population exposed to fine particulate matter at levels deemed harmful to health
- Congestion in urban areas continues to rise; time losses from traffic congestion in EU cities are estimated to cost the equivalent of 2% GDP in Europe
- Road deaths in urban areas are not decreasing and 70% of **road fatalities** in **urban areas** involve vulnerable road users which includes pedestrians and cycling

# Funding opportunities for urban mobility

- Connecting Europe Facility
- The Recovery and Resilience Facility
- Horizon Europe: Work Programme 2021-2022
- Horizon Europe Missions -  
[https://ec.europa.eu/commission/presscorner/detail/en/IP\\_21\\_4747](https://ec.europa.eu/commission/presscorner/detail/en/IP_21_4747)
  - **Smart and Climate Neutral Cities Mission**

# Connecting Europe Facility 2021-27

**Grants, direct  
management**

**2021-2027 Budget for transport:  
€25.8 billion**

## Main focus/priorities

- Contribution to the **completion of TEN-T core network by 2030**
- Greening and digitalising of transport and mobility
- primary focus on more sustainable modes, such as **rail and IWW**
- Large-scale deployment of alternative fuels infrastructure

## Urban dimension

- Focus on **alternative fuels infrastructure** for public transport
- Development of passengers **multimodal hubs in urban nodes**

**Note:** First CEF II call launched [https://cinea.ec.europa.eu/calls-proposals/2021-cef-transport-call-proposals\\_en](https://cinea.ec.europa.eu/calls-proposals/2021-cef-transport-call-proposals_en) deadline 19 January 2021

# Recovery and Resilience Facility

**Grants and Loans,  
direct management, via  
national plans**

**2021-2023 Budget € 672,5  
billion**

**Climate earmarking:  
37%  
Digital transition: 20%**

## Main focus

- Mature investments & reforms
- Aligned with CSRs
- With high job and growth potential
- Improving economic resilience
- Green and Digital transition
- DNSH principle

## Transport priorities in RRP

- Recharge and Refuel EU flagship
- Urban transport (public fleet greening, biking)
- Rail infrastructure
- Digitalisation

# Horizon Europe – Cluster 5 (Climate, Energy and Mobility)

**Grants, direct  
management**

**2021-2027 Budget for the cluster:  
€ 15 billion (plus UK, TR,....)**

## Main focus

- Annual work programmes
- Partnerships (ATM / Clean Aviation / Rail / Hydrogen / Batteries / Waterborne / CCAM / 2ZERO)
- **Missions** (**Cities**, Oceans, Climate change adaptation, Soil, Cancer)

## Key priorities

- Digitalisation, climate, co-creation with citizens, integration of modes, multi-modality
- cross-cutting actions on integration of energy/fuels and transport, cities,....

# Horizon Europe – relevant calls

2021

- [New delivery methods and business/operating models to green the last mile and optimise road transport](#) (19/10/2021)
- [Co-Funded Partnership: Driving Urban Transitions to a sustainable future \(DUT\)](#) (19/10/2021)



# Horizon Europe – relevant calls

## 2022

- [Accelerating the deployment of new and shared mobility services for the next decade](#) - 6/09/2022
- [Urban logistics and planning: anticipating urban freight generation and demand including digitalisation of urban freight](#) - 6/09/2022
- [CIVITAS 2030 – Coordination and support for EU funded urban mobility innovation](#) – 6/09/2022
- **Upcoming in the amended [Cities Mission Work Programme](#) to be published in December 2021:**
  - [Urban Planning topic](#)
  - [Public transport topic](#)
  - [Urban mobility design and safety topic](#)

# Horizon Europe – relevant calls

**2022**

## Urban mobility related

- Predictive safety assessment framework and safer urban environment for vulnerable road users – 12/01/2022
- Integrate CCAM services in fleet and traffic management systems (CCAM Partnership) - 12/01/2022
- Advanced multimodal network and traffic management for seamless door-to-door mobility of passengers and freight transport – 6/09/2022

# The CITIES MISSION

1

Deliver at least 100 climate-neutral and smart European cities by 2030;

2

Ensure that these cities act as experimentation and innovation hubs to put all European cities in a position to become climate-neutral by 2050.

*Actions to deliver climate neutrality will bring massive and more visible co-benefits: better air quality, less road congestion, more livable spaces*

# A NEW APPROACH TO URBAN CLIMATE ACTION

- Demand-driven and innovative process **based on the needs** of the cities
- **Systemic change** via research and innovation actions across sectors
- **Multi-level governance** linking local, regional, national and EU levels
- Support for **accessing funding and finance** on a large scale
- **Citizens involved** in the design and implementation of the mission

## WHO CAN APPLY?

- Entities of **more than 50 000 inhabitants.**
- Participation of cities with at least 100 000 inhabitants is especially encouraged.
- By default, the applicant city commits the whole city to become climate-neutral. If duly justified, a city may propose to exclude one or more emission sources, but in this case needs to commit to a strategy of climate neutrality for these districts as soon as possible.

## HOW WILL THE APPLICATION PROCESS WORK?

- October 2021: Publication of comprehensive info kit for cities
- **November 2021:** Publication of Call for Expression of Interest addressed to cities (questionnaire)
- January 2022: Call closes
- March 2022: Selection of participating cities
- As of mid 2022: Mission Platform works with first cities to develop Climate City Contracts



# WHAT ARE THE ASSESSMENT CRITERIA?

- the cities' level of ambition
- the cities' levels of preparedness
- the cities' existing and planned commitment to climate neutrality
- the cities' commitment to involving citizens and stakeholders

INCLUSIVENESS – DIVERSITY – GEOGRAPHICAL BALANCE

Assessment by independent experts, validation by the European Commission

# For more information .....

**Thank you!**



[cinea.ec.europa.eu/](http://cinea.ec.europa.eu/)



[European Climate, Infrastructure and Environment  
Executive Agency](#)



[@CINEA\\_EU](#)



[CINEATube](#)

## Follow CIVITAS on social media

Twitter, Facebook, LinkedIn, YouTube, Flickr, Spotify

## Subscribe to CIVITAS newsletter

[civitas.eu/newsletters](http://civitas.eu/newsletters)

Email CIVITAS [secretariat@civitas.eu](mailto:secretariat@civitas.eu)