

POLIS

CITIES AND REGIONS FOR TRANSPORT INNOVATION

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Annual Conference 2020

VIRTUAL EVENT | 30 NOVEMBER-3 DECEMBER 2020



BENEFIC

European co-financing for regional deployment of infrastructure for alternative fuels

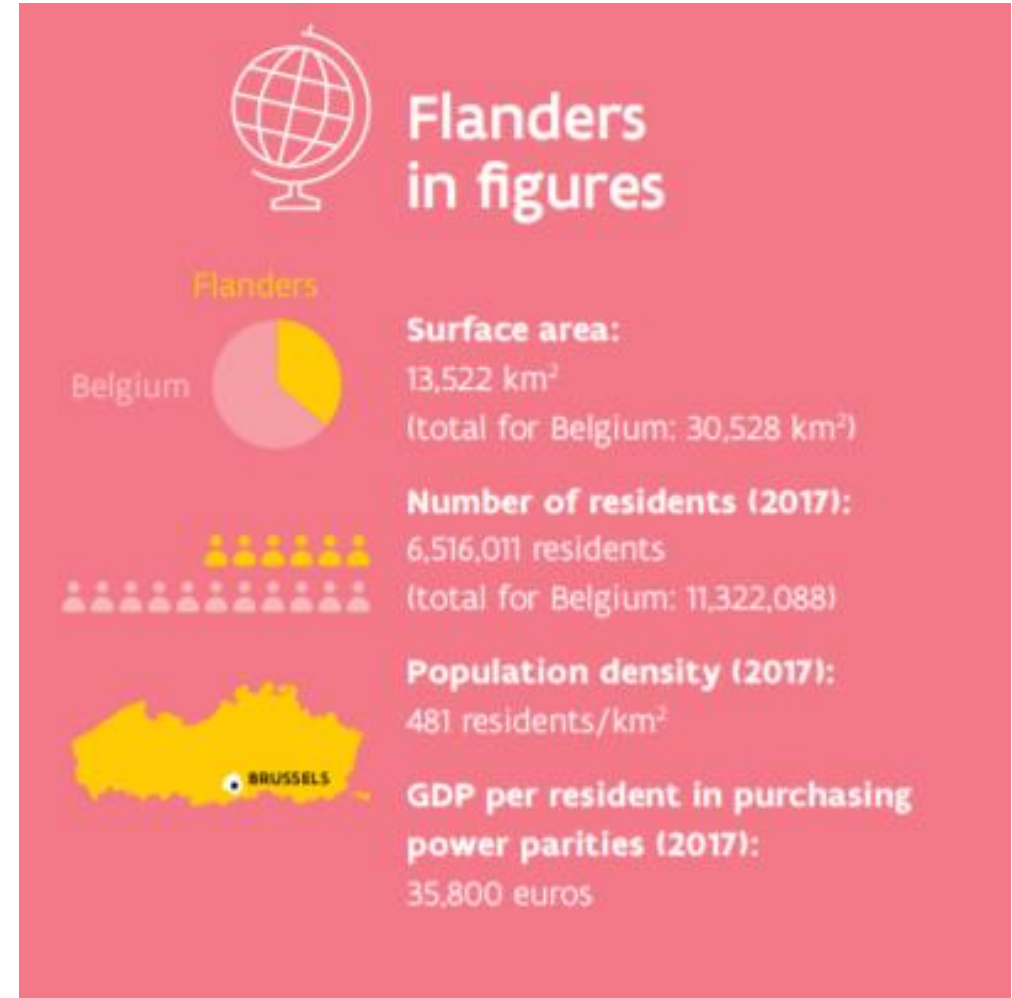
Session 8C: Future-proof e-charging infrastructure



Co-financed by the Connecting Europe
Facility of the European Union



Introducing Flanders



BENEFIC Key Facts

- Call: **CEF Transport Call 2016**
- Partners:
 - Flanders Region
 - Brussels Capital Region
 - Government of the Netherlands
- Timeline: **July 2017 - December 2020** (extension requested)
- Maximum EU contribution: **€ 7.580.000**
- Estimated total cost: **€ 37.150.000**
- Percentage of EU investment support: **20%**



BENEFIC Action

- Through BENEFIC, Flanders, the BCR and the Netherlands hope to further **support the roll-out of cross-border infrastructure to complete the network with European dimension**. In each partner country/region, specific challenges will be addressed to reach the goals of the global project.
- The Action consists of a grant scheme covering the respective sections of the Core Network. **The grant scheme will address several priorities on innovation and on the deployment of alternative fuels:** electro mobility (normal power and (ultra) high power charging stations), electro mobility dedicated to public and collective transports, Liquefied and Compressed Natural Gas (L-CNG and CNG station), Hydrogen Refuelling Stations and Onshore Power Supply for inland navigation.

“This is the first ever project co-funded by the CEF programme that is supporting the full array of alternative fuels infrastructure deployment, In this way BENEFIC has the potential to become a key policy tool to support innovation and decarbonisation of our Trans-European Transport Network and lead by example other European regions.”

(Dirk Beckers, Director INEA)

TEN-T Core Network

- North Sea –
Mediterranean Corridor
- North Sea –
Baltic Corridor
- Rhine –
Alpine Corridor



Open calls for proposal

[View this email in your browser](#)



Opening BENEFIC project call February – May 2018

Subsidies for the realisation of a cross-border
infrastructure for clean vehicles and inland vessels

The Netherlands

- 10 high power chargers (>50kW)
- 7 ultra high power chargers (>150kW)
- 7 hydrogen refueling stations
- 1 high power charger (opportunity)
- 6 chargers (night)

Brussels Capital Region

- 10 high power chargers (>50kW)
- 1 ultra high power charger (>150kW)
- 2 CNG stations
- 3 onshore electricity supply installations

Flanders

- 600 chargers (>11kW)
- 80 high power chargers (>50kW)
- 2 ultra high power chargers (>150kW)
- 2 L-CNG stations
- 2 hydrogen refueling stations
- 5 high power chargers (>50kW)
- 4 high power chargers (opportunity)
- 44 chargers (night)
- 10 onshore electricity supply installations

20% of the capital investment costs with a maximum subsidy of...



€ 1.000
charger (>11kW)



€ 6.000
high power chargers (>50kW)
(+ € 6.000 grid coupling)



€ 60.000
Ultra high power
chargers (>150kW)



€ 6.000
high power charger
e-taxi (>50kW)
(+ € 6.000 grid coupling)



€ 40.000
shore power
supply box



€ 8.000
charger for electric buses
(night)



€ 130.000
high power charger
for electric buses
(opportunity)



€ 60.000
CNG station



€ 240.000
L-CNG station



€ 300.000
hydrogen refueling
station



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Results (1)

1st Call (Jan – May 2018)

- 25 submitted projects
- 12 different parties
- 385 locations/+1.000 infrastructure points
- Total demanded cofinancing of € 6.053.783
- **22 projects selected for a total of € 5.657.755 cofinancing**

2nd Call (Oct – Dec 2018)

- 24 submitted projects
- 16 different parties
- 122 locations/281 infrastructure points
- Total demanded cofinancing of € 8.212.929
- **11 projects selected for a total of € 1.666.477 cofinancing**

1000 nieuwe laadpunten voor Brussel, Vlaanderen en Nederland

Vlaanderen, Brussel en Nederland slaan de handen in elkaar om een netwerk aan laad- en tankinfrastructuur voor alternatieve brandstoffen te voorzien. In totaal krijgen 21 projecten samen 5,3 miljoen euro steun om 1000 (ultra)(snel)laders, tankstations voor LNG, CNG en waterstof, en walstroombuizen te bouwen.

Brussel, Vlaanderen en Nederland plannen 1.000 extra groene laadpunten

MILIEU. BRUSSEL 17/7/2018 © BELGA DELEN: f t e



Ellen Vervoort | 18 juli 2018



TRANSPORT

Meer snelladers en tankstations voor auto's op waterstof

Nederland krijgt tientallen extra snelladers voor elektrische auto's en enkele tankstations voor waterstof. Eind 2020 moeten 46 extra snelladers klaar zijn, en twee nieuwe waterstofstations. Verder komen er in Nederland nog 3 extra laders voor elektrische bussen en 4 extra stations waar aardgas (CNG) kan worden getankt. Volgens staatssecretaris Stientje van Veldhoven (Infrastructuur en Waterstaat) versterkt deze investering 'de koppositie die België en Nederland al hebben op het gebied van duurzaam vervoer'.



INEA @inea_eu · 2h

This is how #CEFTTransport @benefic_eu project is developing charging and refuelling infrastructure for alternative fuels for transport. More here: benefic.eu/en/projects #ConnectingEurope



BENEFIC @benefic_eu

1.000 additional loading and refuelling points for environmentally friendly vehicles and inland waterway vessels!

In the next two years, 21 projects will be carried out as...



Co-financed by the Connecting Europe Facility of the European Union

Results (2)



<http://www.benefic.eu/en/projects>



Fastned opens first fast charging station in Belgium

Amsterdam, 27 October 2020 | 08:30 Europe/Amsterdam

Fast charging company Fastned officially opens its first fast charging station in Belgium today, making the company operational in four countries. The new station is located close to the international airport of Ostend-Bruges. At the station, electric drivers can add up to 300 km range in 15 minutes, with electricity from the sun and wind. The station will be opened by Marcel Buelens, CEO Ostend-Bruges Airport, Michiel Langezaal, CEO Fastned and the mayor of the city of Ostend, Bart Tommelein.



Lessons so far

- Grant Scheme as a useful instrument to distribute European funds to different (regional) parties
- Access for broad range of parties with ‘low’ administrative costs
- Regional overview of infrastructure needs and locations
- Need to translate European CEF conditions into regional project calls (e.g. scope, technical specifications, reporting)
- Challenging decision making process and financial regulations with several public partners
- Need for thorough monitoring of project implementation and frequent alignment with all partners involved



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