



Clean Bus Europe Platform: The road to sustainable cities

EIB/Jaspers – Webinar on Bus fleet
decarbonisation

29th March 2022

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**CLEAN
BUS**
EUROPE PLATFORM

The Clean Bus Europe Platform is
financed by the European Union.



THE INTERNATIONAL ASSOCIATION OF PUBLIC TRANSPORT



CLEAN BUS EUROPE PLATFORM

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Clean Bus Deployment Initiative

- Launched in 2017 to speed up the introduction of clean buses across Europe.
- Elements for the scale up:
 - Policy framework
 - Financial & funding framework
 - Exchange of best practices and knowledge
- The Clean Bus Europe Platform is the strategic line of action to develop, implement and support the transition towards clean bus fleets.

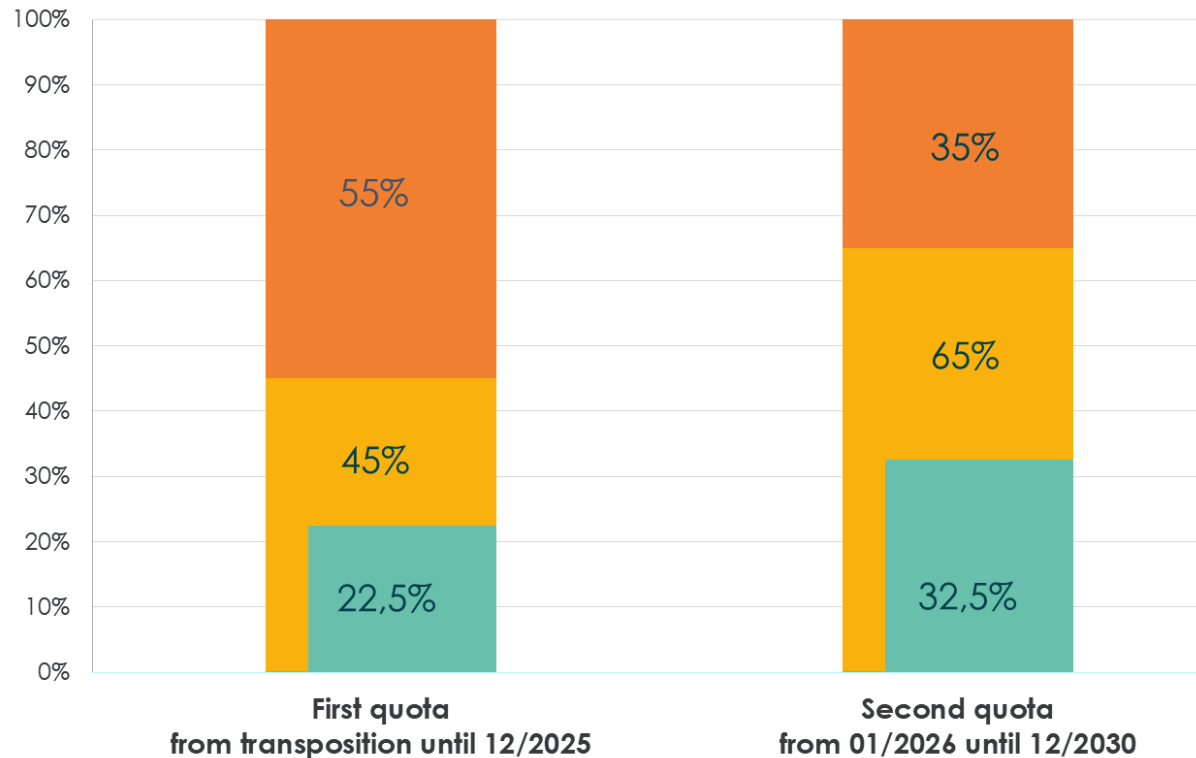
UITP has been long advocating for clean buses and the CBDI



House of the Regions, Brussels (BE)



CVD: Quotas for public procurement of buses



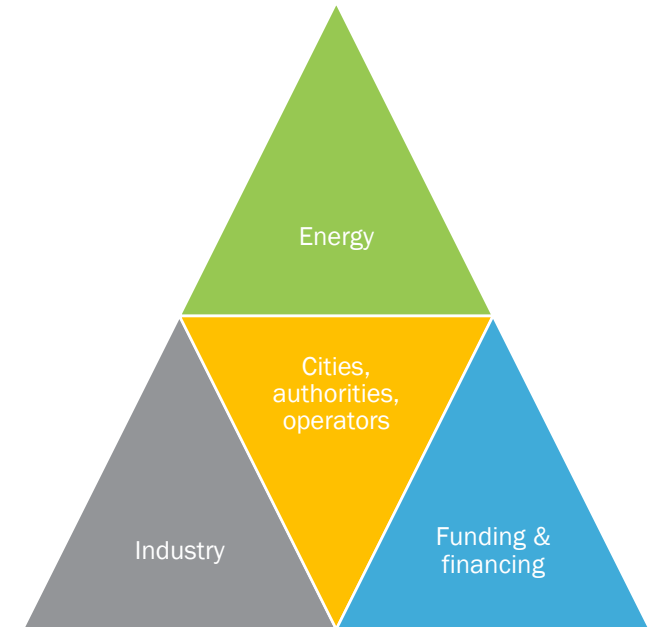
- no quota
- low-emission
- zero-emission

► *Applicable for: LU, SE, DK, DE, NL, AT, BE, IT, IE, ES, CY, MT*

► *lower quotas apply for remaining Member States*

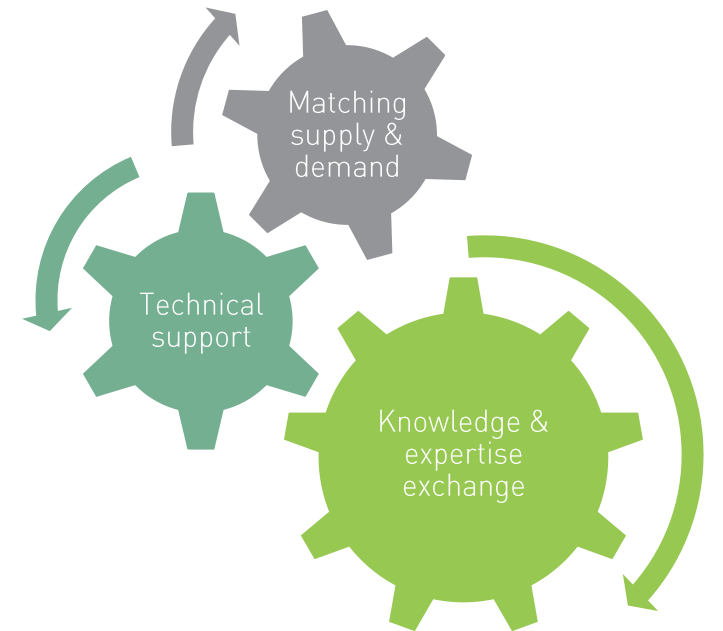
The Clean Bus Europe Platform

- Successful fleet electrification involves strong partnerships and collaboration among key stakeholders
- The Platform brings together all stakeholders related to clean bus deployment in European Members States
 - PTOs, PTAs and city authorities
 - UITP bodies: BUS, TBUS, VEI, BHRM, OA
 - Associated Partner: European Transport Workers' Federation
 - Funding & financing institutions
 - Other associations

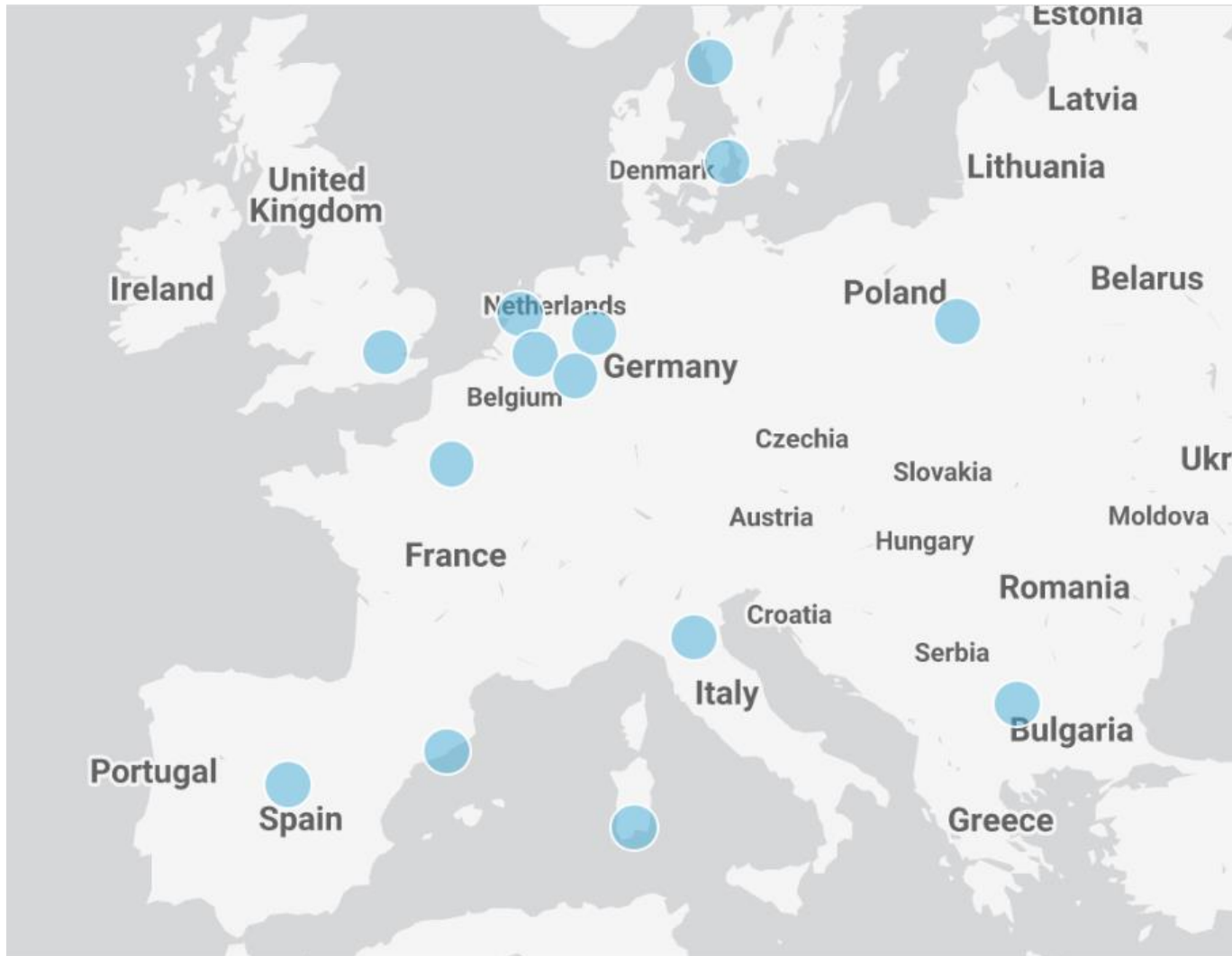


The Platform as enabler of large scale deployment

- Transition to clean fleets poses a challenge to cities and operators
 - Cities have political will, but lack the capabilities and know-how
 - Concrete work plan to support cities and operators pursuing their plans
- Technologies
 - Battery electric, Plug-in hybrid, Fuel cells & hydrogen, Natural gas, In-motion-charging trolleybuses
- Twinning approach learning cities & more advanced cities
- Running July 2019-June 2023



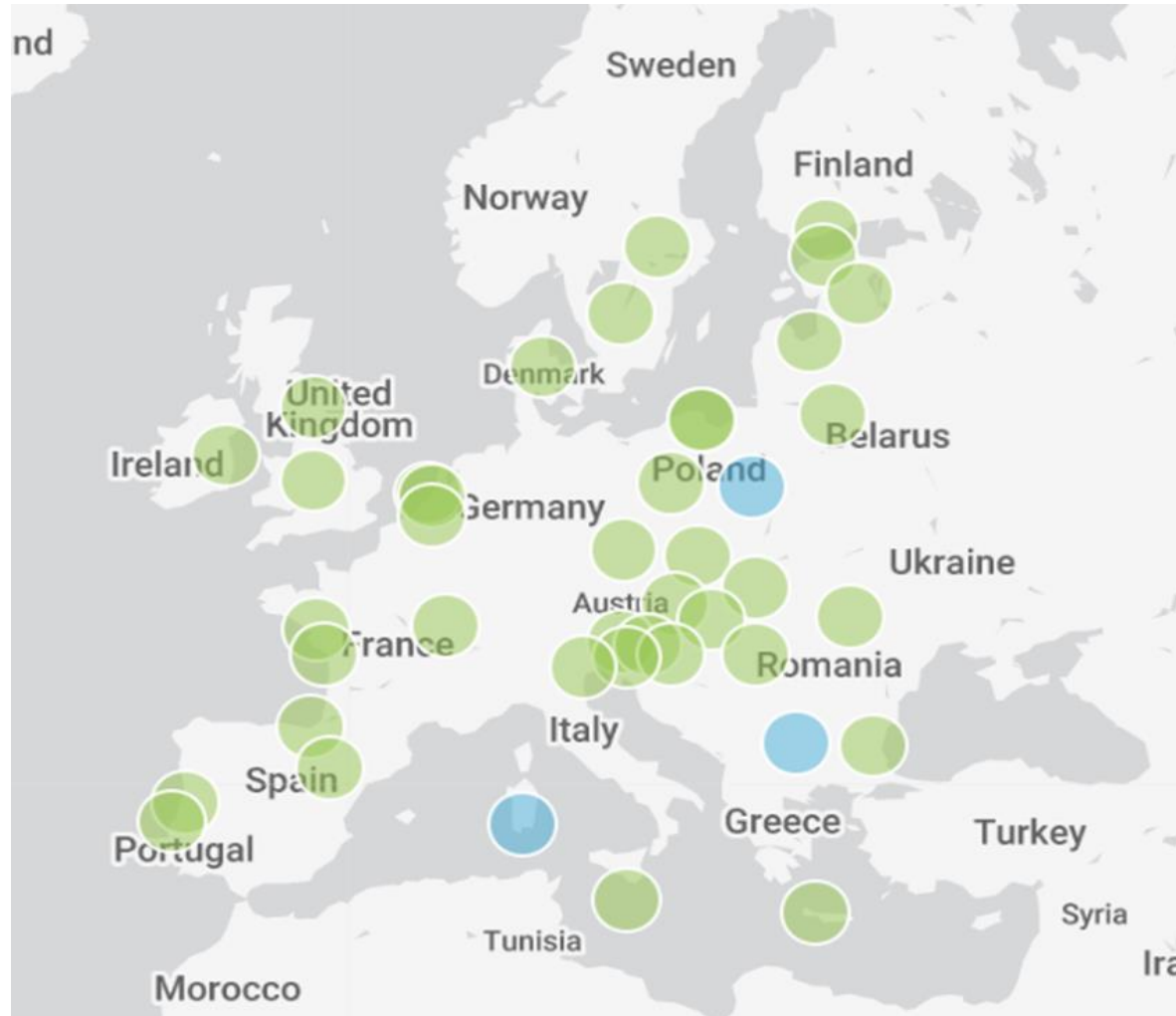
Host Cities



- Gothenburg
- Copenhagen
- London
- Paris
- Amsterdam
- Eindhoven
- Cologne
- Munster
- Madrid
- Barcelona
- Bologna
- Cagliari
- Sofia



Target Cities & Regions



Klagenfurt, Antwerp, Burgas, Sofia, Koprivnica, Nicosia, **Prague**, Ostrava, Tallinn, Aarhus, Tartu, Helsinki, Turku, Nantes, La Rochelle, Dijon, Rethymno, Budapest, Cagliari, Dublin, Treviso, Riga, Vilnius, Rotterdam, The Hague, **Warsaw**, Gdynia, Poznań, Coimbra, Caldas da Rainha, Arad, Suceava, **Bratislava**, Košice, Maribor, Zaragoza, San Sebastian, County of Västmandland, County of Örebro, Jönköping, Tyne and Wear, West Midlands



Focus: Trolleybuses



- Trolleybuses are considered to be ZEB provided they run only on electricity; or
- They use only a zero-emission powertrain when they are not connected to the grid
 - Otherwise they still count as clean vehicles.
- Cagliari is Host City
- 14 Target Cities with trolleybus systems
 - Burgas, Sofia, Prague, Ostrava, Tallinn, Budapest, Cagliari, Riga, Vilnius, Gdynia, Coimbra, Bratislava, Košice, Maribor
- Opportunity and challenge for trolleybus countries in Europe
 - Integration of trolleys and IMCs in national laws as part of the CVD quotas for clean and ZEB vehicles
 - Active role supporting MS to open dialogue with trolley countries and raise awareness
 - Advocacy, technical support for implementation



Work pillars



Capacity building &
knowledge transfer



Technical support & facilitation



Social dialogue on impacts on
workforce



Dissemination & Monitoring

Activities, services, products



Clean Bus Toolkit

- Clean Bus Toolkit section:

- **Market Monitoring**

- European bus data (tenders, orders, in service regularly updated)

- **Library**

- Interactive tools for planning
 - Literature resources

- Next Actions:

- **Webinars** on clean bus technologies & related topics
 - **Study visits** to experienced cities
 - **Marketplaces** with the Industry & Financing entities
 - *Calendar to be published soon*



MARKET MONITORING

Tenders, orders & deployment

In collaboration with [sustainable-bus.com](#)



Here you will find the status of clean bus deployment in Europe. Browse the interactive map for an overview of Open tenders*, Bus orders* and Deployed buses*, or check the newfeed for the latest updates!



NEWS

Stagecoach has ordered 46 e-buses for Scotland

2 April 2021

[READ MORE](#)

YDL marks again its signature on KVB Cologne e-bus fleet. A new order for 51 vehicles

1 April 2021

[READ MORE](#)

The largest Scotland go Bus!

31 March 2021



LIBRARY

Knowledge and info on clean bus deployment

The CBEP Library provides material related to clean bus deployment, including guidelines, publications, legislative documentation, and webinars. All material is categorised according to the four stages of clean bus deployment: "if", "how", "what" and "when".

IF - KNOW & DECIDE

Material related to first stages of clean vehicle deployment, incl. identification & engagement of bus system actors, and identification of legislative and policy framework.

WHEN - PLAN, REGULATE, FINANCE

Material related to funding & financing schemes, ensuring support from authorities, setting up project governance, etc.

WHAT - SPECIFY, PROCURE, DEPLOY

Material related to the procurement process, deployment and maintenance

Fuel Cell Electric Bus Deployment Data in Europe (Feb 2021)

26 February 2021

[Info-factsheet](#)

This document provides the snapshot projections about the number of FCBs which are in full commercial operation today (as of February 2021) as well as future deployments in the coming 18 months thanks to the bus order announcements by various European cities.

[jive-fcb-deployment-data-in-europe-as-of-feb-2021.pdf](#)

Form to sign Clean Bus Declaration

18 November 2020

[Legislative document](#)

[ec.europa.eu](#)

Interested in joining?

- Become a Follower City* and enjoy access to:
 - Webinars on clean bus technologies and related topics
 - Study visits to experienced cities*
 - Marketplaces with the Industry & Financing entities*
 - Regional networks to facilitate exchange with neighbouring cities
 - Clean Bus Forum events
- Become a CBEP supporter as an Interested stakeholder
- Apply via website www.cleanbusplatform.eu
 - or contact me: aida.abdulah@uitp.org

*Follower Cities must sign the EC Clean Bus Declaration. Conditions apply.





Inspiring cities to be part of the clean bus movement

125+
CITIES, OEMs & SUPPLIERS





Thank You!

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www.cleanbusplatform.eu

