

# SUSTAINABLE & SMART **MOBILITY STRATEGY**

## Clean buses: legislative and policy framework



# Context: a vision for decarbonised transport

- **European Green Deal:** Europe to become carbon neutral by 2050
- **Climate Target Plan:** 55% emission reductions by 2030
- **Transport emissions must decrease by 90% by 2050** to meet these objectives



# EU Sustainable & Smart Mobility Strategy

- Published December 2020
- **Objectives:** making the European transport system more **sustainable**, **smart** and **resilient**, achieving a 90% emission reduction by 2050.
- **10 flagship areas** with key milestones.
- Action plan with a list of **82 concrete policy actions**.



# SSMS: key milestones – road transport



## By 2030

- At least 30 million zero-emission cars and 80.000 zero-emission trucks on road.
- Supported by up to 3 million public accessible recharging and refuelling points.

## By 2050

- Nearly all cars, vans, buses as well as new heavy-duty vehicles will be zero-emission.

# SSMS: examples of policy actions



- Review of **CO2 emission performance standards for cars & vans** ([Published in Fit for 55](#))
- Review of **Alternative Fuels Infrastructure Directive** ([Published in Fit for 55](#))
- Strategic **Rollout Action Plan for alternative fuels infrastructure** ([Published in Fit for 55](#))
- **RefuelEU aviation** and **FuelEU maritime** initiatives ([Published in Fit for 55](#))
- Review of **Regulation on TEN-T guidelines** ([Published December 2021](#))
- **Low Carbon and Renewable Fuels Alliance**, complementing Hydrogen and Battery Alliances ([Q3 2021-Q1 2022](#))
- Review of **CO2 emission performance standards for HDVs** ([2022](#))



# The "Fit for 55" Package



# The role of Clean Buses

- Contribute to the 90% GHG emission reductions objective
- Local benefits in terms of air quality, noise, pollution
- Increase attractiveness of public transport
- Most major EU cities already committed to zero-emission mobility
  
- Supported through:
  - Clean Bus Deployment Initiative
  - Clean Vehicles Directive
  - Clean Bus Europe Platform
  - Financial support: ESIF, EFSI, Recovery Fund, InvestEU, Innovation Fund, CEF,...



# The Clean Vehicles Directive

- **Scope**: all types of **public procurement** of **cars & vans, buses, trucks**
- Introduces a **definition** of clean vehicles and sets **minimum national targets** for their share in total public procurement by vehicle category, with a **sub-target for zero-emission buses**
- Targets to be met over **two reference periods: 2021-2025 and 2026-2030**
- Full **flexibility** in how Member States share the effort between different public authorities
- Transposition **by 2 August 2021**
- **Commission Guidance Notice** (C/2020/7048) published 22 October 2020

[https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=uriserv%3AOJ.C\\_.2020.352.01.0001.01.ENG&toc=OJ%3AC%3A2020%3A352%3ATOC](https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=uriserv%3AOJ.C_.2020.352.01.0001.01.ENG&toc=OJ%3AC%3A2020%3A352%3ATOC)

*Directive 2009/33/EC as amended by Directive (EU) 2019/1161*





# CVD Targets for buses – 2021-2025

- Each MS must ensure that at least the following share of all buses procured between 2021-2025 (including through services contracts) are clean / zero-emission vehicles:

MS	Clean	ZEV	MS	Clean	ZEV	MS	Clean	ZEV
Austria	45%	22,5%	France	43%	21,5%	Malta	45%	22,5%
Belgium	45%	22,5%	Germany	45%	22,5%	Netherlands	45%	22,5%
Bulgaria	34%	17%	Greece	33%	16,5%	Poland	32%	16%
Croatia	27%	13,5%	Hungary	37%	18,5%	Portugal	35%	17,5%
Cyprus	45%	22,5%	Ireland	45%	22,5%	Romania	24%	12%
Czechia	41%	20,5%	Italy	45%	22,5%	Slovakia	34%	17%
Denmark	45%	22,5%	Latvia	35%	17,5%	Slovenia	28%	14%
Estonia	31%	15,5%	Lithuania	42%	21%	Spain	45%	22,5%
Finland	41%	20,5%	Luxembourg	45%	22,5%	Sweden	45%	22,5%

# The Clean Bus Europe Platform

- Actions to support cities in the transition to clean buses:
  - Capacity building, technical support and knowledge transfer
  - Twinning and study visits between host cities and target cities
- Project managed by the ApolloEU Consortium on behalf of the European Commission
- More than 60 cities across the whole EU

**CLEAN  
BUS**  
EUROPE PLATFORM

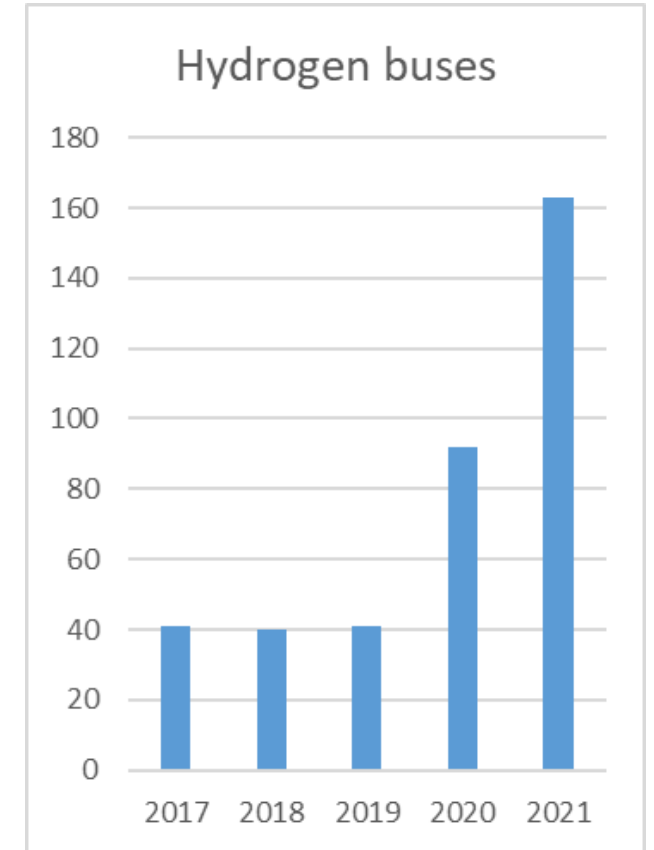
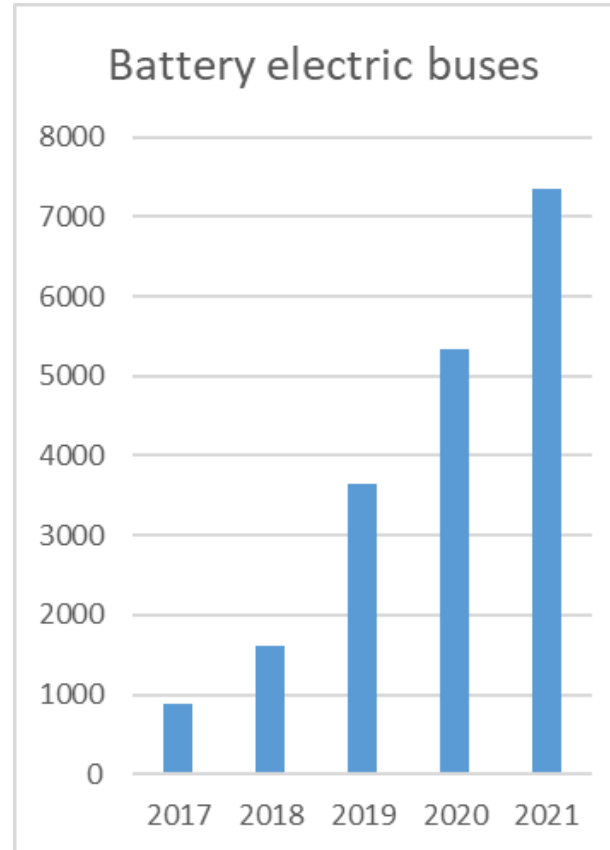
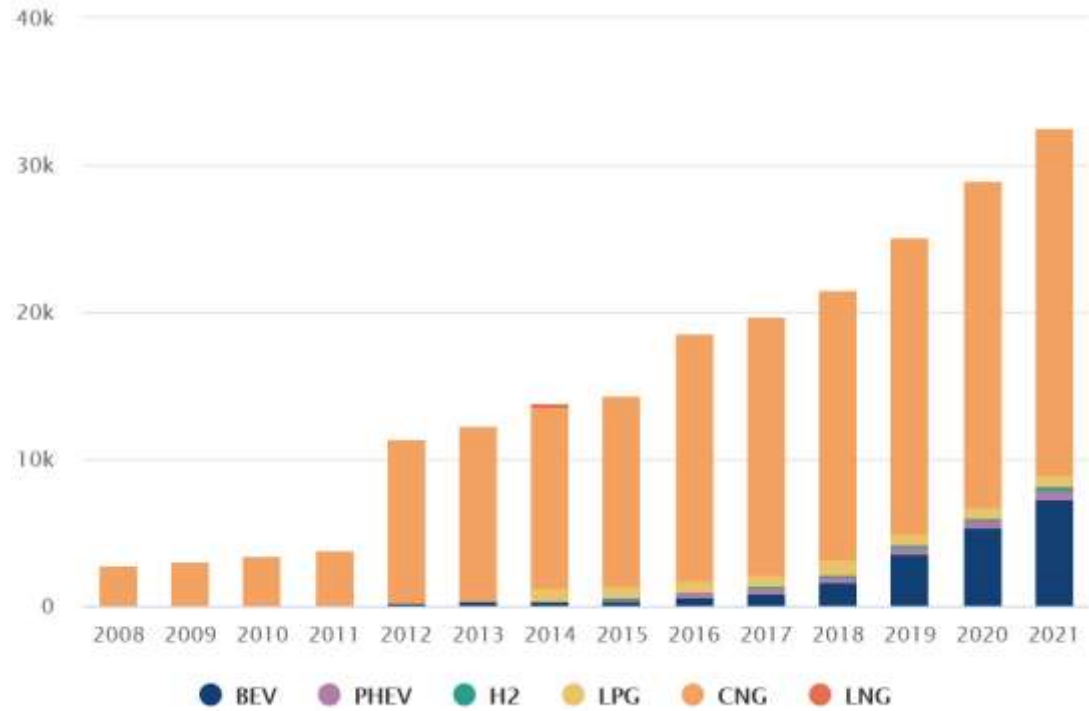
[www.cleanbusplatform.eu](http://www.cleanbusplatform.eu)

# CBEP – Host, Target and Follower Cities

- **Host Cities** are the “knowledge backbone” of project;
  - They are experienced with the deployment of clean buses and will help Target Cities by exchanges know-how and best practices
- **Target Cities** are main beneficiaries of the Platform’s activities.
  - They have political will to deploy clean buses, but lack specific expertise; they are twinned with a Host and will receive support to achieve energy transition and bus fleet renewal plans
- **Followers Cities** are interested in clean bus technologies.
  - They have access to all digital activities as well as participation to study visits and meetings (if allowed by the logistic arrangements & costs), but they need to cover their own travel costs.



# The EU clean buses fleet



Source: EAFO

# Thank you for your attention

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# More Information

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