

Heavy Duty Electric Vehicles Working Group



bigbuyers
for climate & environment

21 June 2021, 11:00-11:55 CEST



European
Commission

Summary



Welcome and introduction of the BB WG HDEV	11:00 – 11:10
Presentation of cities needs and challenges and upcoming procurement plans	11:10 – 11:15
Results from Big Buyers current market dialogues	11:15 – 11:20
Guided dialogue with the audience	11:20 – 11:50
Closing remarks	11:50 – 11:55

Big Buyers in short



- **Collaboration** between big buyers in Europe on **strategic public procurement**
- Help drive the market for **innovative and sustainable good and services**
- Initiative from the **European Commission, DG GROW**
- Managed by **Eurocities** and **ICLEI**
- **November 2020 → November 2022**

Big Buyers in short



FOR PARTICIPANTS

- High purchasing power
- Share information on new technologies, products, prices
- Sharing on procurement criteria, pilot projects

FOR COMPANIES

- Support R&D efforts by providing test grounds for pilots
- Understanding upcoming procurement plans of buyers and their needs/challenges

 **Creates an open dialogue to reach climate neutrality in cities**

Big Buyers in short



- **Buyers:** Rotterdam (lead), Amsterdam, Oslo, Cologne, Helsinki, Gothenburg, LIPASAM (Sevilla), Lisbon
- **Followers:** Tartu, Timișoara, Malmö, Valladolid, Vantaa, Riga, Haarlem, Belgian Post, Rome, ESMASA (Alcorcon-Madrid), Dataport A.ö.R (Hamburg), Nantes
- **Experts / Multipliers:** Motiva, RESECO, TU Berlin

Results of the 1st phase

➔ **Joint statement of demand**

➔ **Available HDEV list**

➔ **Lessons learnt**

Aggregated Procurement Plans				
Type of vehicle	2020	2021	2022	2023
(electric) bicycles	30	849	67	109
(electric) scooters	44	19	40	2
Passenger cars and vans	91	470	406	462
Light commercial vehicles <2,5	58	54	59	40
Heavy commercial vehicles >2,5	17	49	41	34
Light and heavy sweepers	17	8	6	16
Sweeping waste collection	25	20	33	129
Trucks	11	6	0	1

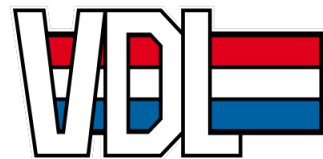
https://bigbuyers.eu/fileadmin/user_upload/Materials/Big_Buyers_Heavy_Duty_EVs_lesson_learnt.pdf

↳ **SMEs** (small and medium-sized enterprises)

Results from Big Buyers market dialogues



DAIMLER



Cities' needs & challenges

Upcoming procurement plans



- **Focus on electrification** of heavy-duty vehicles
 - Waste trucks
 - Street cleaning
 - Their infrastructure
- Through:
 - Acquisition of new vehicles
 - Retrofitting of current vehicles

Guided dialogue with the audience



- What important developments can be expected in the area of HDEV within the next 5 years?
- What does it take to get fully HDEV (or emission free HDV) in European cities by the beginning of 2030?
- Are there experiences with innovative public-private cooperation models? Companies: do you have innovative solutions to share?

Thank you!

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**Electric heavy-duty
vehicles for waste
collection, street
cleaning and
maintenance**



www.bigbuyers.eu



The Big Buyers is a European Commission platform for promoting collaboration between big public buyers in implementing strategic public procurement for sustainable and innovative goods and services.