Public procurement of sustainable urban mobility measures

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Activity 10.2:
Public procurement accounts for 14-16% of EU’s GDP
Classification of procurement activities

**Product**
1. Vehicles
2. Transportation services (delivery of people/goods)
3. Other services with a transportation footprint
4. Goods (purchase)
5. Construction (transportation of goods)

**Service**
1. Vehicles
2. Equipment of vehicles
3. Stations
4. Punctuality
5. Other comfort

**Works**
1. Vehicles
2. Material
3. Design
Sustainable public procurement: overview

economic, social and environmental considerations as part of „price and quality“. Principles:

› „best value for money“
› „acting fairly“

Share of successful bids with the lowest price in EU MS

Source: EC, Single Market Scoreboard. Performance per Policy Area
European procurement legislation

- Directive 2014/23/EU on the award of concession contracts
- Directive 2014/24/EU on public procurement, and
- Directive 2014/25/EU on procurement by entities operating in the water, energy, transport and postal services sectors

- Clean Vehicles Directive (2009/33/EC)
Clean Vehicles Directive: Revision

Definition of a clean vehicle:

- **Cars and vans:** for the first period (2021-2025), vehicles that emit up to 50g/km CO2 and up to 80% of the air pollutant emission limits set in EU legislation; for the second period (2026-2030), only vehicles with zero-emission at tailpipe.

- **Trucks:** all vehicles running on alternative fuels

- **Buses:** all vehicles running on alternative fuels. Half of the targets for buses have to be met through vehicles with zero-emission at tailpipe.

Ranges of national targets for clean vehicles in revised CVD

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<th>2021-2025</th>
<th>2026-2030</th>
<th>Source: EC</th>
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<tr>
<td>Cars/vans</td>
<td>17.5–38.5%</td>
<td>17.5–38.5%</td>
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<tr>
<td>Trucks</td>
<td>6-10%</td>
<td>7-15%</td>
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<tr>
<td>Busses</td>
<td>24-45%</td>
<td>33-65%</td>
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## Procurement steps

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<th>Step 1: Preparation &amp; planning</th>
<th>Defining the need in terms of functions</th>
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<td>Open and restricted procedure</td>
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<td>Approaching the market</td>
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<td>Using performance based specifications</td>
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<td>Additional specifications of products, services and works</td>
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<td>Step 3: Submission of tenders &amp; selection of tenderers</td>
<td>Using selection and award criteria</td>
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<td>Step 4: Valuation of tenders and award</td>
<td>Life cycle costing</td>
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<td>Step 5: Contract implementation &amp; management</td>
<td>Monitoring and reporting obligations</td>
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<td>Quality standards and bonus/malus schemes</td>
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Spotlight: Joint procurement
Electric busses in the Piedmont region

In a first step, the single public transport providers defined their needs, propose the number of busses, routes and charging infrastructure.

Afterwards the Region as a funding agency defined one public transport provider as procurement agent due to its former experience with e-busses.

Each company signed independent contracts with the supplier of the e-busses.

The procedure saved administrative efforts and reduced procurement costs.

23 buses cost about 8.5 million euros.
Spotlight: Recycled asphalt for road surfacing in Hamburg

Description of work included

- the milling of the top layer to a depth of 4cm
- the recycling process in a state-of-the-art reclaimed asphalt pavement equipment
- the rejuvenation of the binder, and
- the use of a low-temperature asphalt to achieve energy efficient production and laying process.

As a result, energy input, CO₂ emissions and the use of raw materials were reduced. Also, the health conditions of the operating staff were improved.
Spotlight: Ile de France Mobilités quality aspects in PT contracts

Contracts contain a bonus-malus scheme with financial incentives or penalites for operators depending on their performance:

- Punctuality and regularity of services
- Passenger Information (static and dynamic information in normal and disrupted situations)
- Ambience: Cleanliness of stations and vehicles; video surveillance, etc
- Access to transport areas, especially for people with reduced mobility
- Fast ticket vending machines and validation devices
- The perception of travellers
Spotlight: Contract performance clauses for bike sharing in Hamburg and Berlin

The tender defines inter alia:

▶ The service area and the number and location of stations
▶ The provision of a certain minimum number of bikes at each station within a given timespan
▶ Maintenance intervals
▶ Functionality of the customer interface
Thank you for your attention

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