ZERO EMISSION TRANSPORTATION IN PROCUREMENT

Green Oslo – Best Practices
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City of Oslo

Public Procurement

- City of Oslo has Approx. EUR 3 billion in annual procurement and investments

- Decentralized procurement model
  - 50 agencies
  - Regulations based on EU Directive on Public Procurement

- Agency for Improvement and Development (AID)
  - Central Procurement Unit:
    - Citywide framework agreements (10% of total purchases)
    - Advisory services
We are heading towards ZE transportation

*Enabling conditions:*

- **Political/governing**
  - City’s climate goals
  - Energy and climate strategy
  - Procurement strategy

- **Technological improvements**
  - Larger vehicles are introduced on the market
  - Longer driving ranges
CO$_2$ emissions from transportation in Oslo

*Goods and freight vehicles have a huge impact*

- **Private cars**: 43%
- **Taxi**: 2%
- **Public transport**: 4%
- **Light freight vehicles**: 12%
- **Heavy duty vehicles**: 18%
- **Construction machinery**: 21%
The BuyZET project

BuyZET ‘Procurement of innovative solutions for zero emission urban delivery of goods and services’

- Partnership of cities aiming to achieve ZE from transportation in procurements
  - Core cities: Oslo, Copenhagen, Rotterdam
  - Observer cities: Southampton, Brussels Region, Manchester, Bologna, Jerusalem, Bielefeld, Munich

- Step 1: Identifying the transportation footprint from procurements
  - Mapping of transportation impacts of procurement activities.
  - Choosing two priority procurement areas to focus on further

- Step 2: Developing innovative procurement plans
  - Market engagement
  - Explore best practices
  - Establish Buyers Groups

For more information, please visit: www.buyzet.eu
The BuyZET project

**Results and activities**

- **Areas with high emission figures:**
  - Craftsmen services
  - Waste collection
  - Courier and postal services
  - Sewage treatment
  - Transport services

- **Important criteria for prioritization**
  - Emission figures
  - Snowball effect
  - Practicability

- **Different pathways to achieve zero emission**
  - Use of strict environmental criteria in tenders
  - Innovation partnership
  - Storage areas for suppliers
  - Promoting suppliers with short travel distance
  - Designated electric vehicle chargers in delivery locations
  - Assistance to suppliers in applying for financial funding
  - Decrease waste and enable circular procurement
  - New citywide framework agreement
Environmental criteria in tenders

What we are doing

- **Applied methods:**
  - Minimum criteria: Euro norm 6 / VI
  - Award criteria: ZE and biogas vehicles
  - Contract: Introduce biofuels
  - Other criteria: eco-driving, prohibit idle running, bring packaging back

- **Important!**
  - Use the market dialogue to find out which solutions the suppliers can provide
  - Start research and dialogue at an early stage
ZE transportation for employees in the municipality

**Citywide framework agreements**

- **Passenger cars and light duty vehicles**
  - All new vehicles purchased by the municipality ought to be ZE.
  - ZE share: 56% (*PC*:70%, *LDV*:18%)

- **Electrical bicycles**
  - An healthy and environmental friendly solution
  - *so far*: 223 bikes purchased
  - *In addition*: 114 bikes will be delivered during spring 2018
Where are we heading?

It is also important to reduce transportation needs

- Zero-emission
- Smarter city logistics
- Route optimization
- Reduce consumption
- Expand the system border – Life cycle considerations
Thank you!

Agency for Improvement and Development
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