



City of Oslo

ZERO EMISSION TRANSPORTATION IN PROCUREMENT

Green Oslo – Best Practices
Geir Rossebø, Sustainability Adviser
22. March 2018





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





CO₂ emissions from transportation in Oslo

Goods and freight vehicles have a huge impact

PRIVATE CARS



TAXI



PUBLIC
TRANSPORT



LEIGHT FREIGHT VEHICLES



HEAVY DUTY VEHICLES



CONSTRUCTION MACHINERY





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



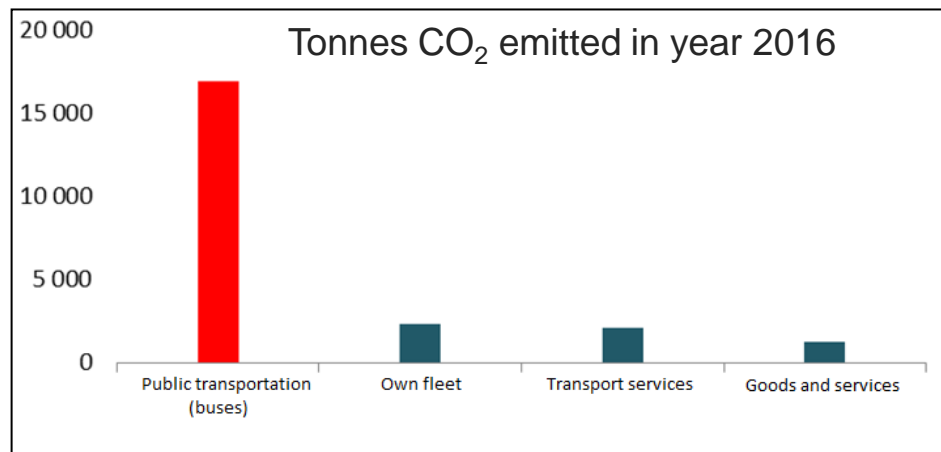


The BuyZET project

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*

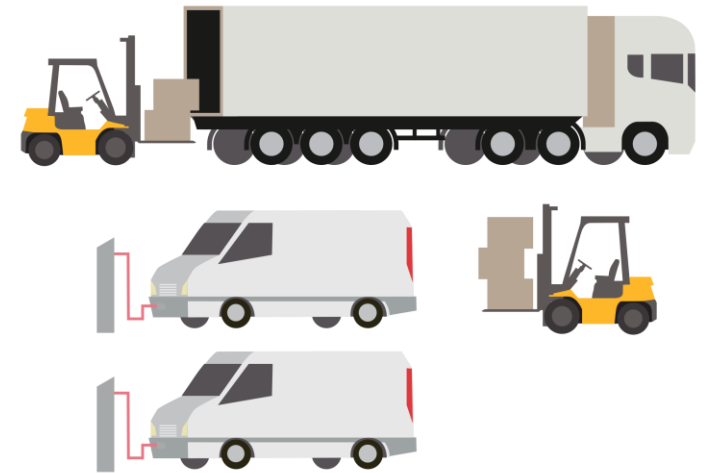




Where are we heading?

It is also important to reduce transportation needs

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





City of Oslo

Thank you!

Agency for Improvement and Development
Geir Rossebø, Sustainability Adviser

geir.rossebo@uke.oslo.kommune.no

