Dutch approach to Zero Emission Zones for Freight

Rosemarie Cramer
Advisor International Sustainable Logistics
rosemarie.cramer@minienw.nl
National Climate Agreement
30 to 40 cities will implement a Zero Emission Zone for freight
Approach

Logistics sector, national and local governments focus together on:

a. **avoid** (more efficient urban freight logistics)

b. **shift** (different logistics concepts)

c. **improve** (zero emission vehicles)
Advantages of Zero Emission Zones

- Improving air quality & health
- Improving accessibility & economic vitality
- Improving liveability & safety
- Yearly reduction of 1.0 megaton CO₂ emissions in 2030
- Instrument to promote demand for ZE Freight Vehicles
- Contribution to long-term goal of 100% ZE transport in 2050
Process to zero emission zones

- Green Deal ZE Urban Freight
- National Climate Agreement
- Implementation Agenda Urban Freight

Timeline:
- 2014
- 2019
- 2021
- 2025

Sustainable and efficient zero zones in 30-40 cities
Transition period freight vehicles

All new freight and commercial vehicles in ZE zones should be ZE-driven.

Existing Euro VI box trucks with a max age of 5 years on 1-1-2025, have access to ZE zones until 1-1-2030.

Existing Euro VI tractors with a max age of 8 years on 1-1-2025, have access to ZEZ until 1-1-2030.

Euro V commercial vans have access to ZEZ until 31-12-2026.

Euro VI commercial vans have access to ZEZ until 31-12-2027.
Zone boundary setting
Stepwise zoning in Amsterdam
Current challenges (1)

INTERNATIONAL ALIGNMENT
› Data sharing
› Standardization

CHARGING AND TANKING INFRASTRUCTURE
› National Agenda Charging Infrastructure
› Action Program Hydrogen
Current challenges (2)

VEHICLE AVAILABILITY
› Increase global ambitions for zero emission medium and heavy duty vehicles

HYBRID VEHICLES
› Geofencing
Global Memorandum of Understanding on Zero Emission Medium and Heavy Duty Vehicles

16 countries have aligned ambitions for clean trucks and buses

2030: 30% zero emission sales
2040: 100% zero emission sales
Incentives

Financial

› Subsidies
› Tax advantages
› Road toll reductions

Priorities for ZEV users

Expert’s advice
HOW-TO GUIDE

Zero-Emission Zones
Don’t Wait to Start with Freight!

December 2020
Thank you
rosemarie.cramer@minienw.nl