



Ministerie van Infrastructuur
en Waterstaat



Towards 40 zero emission
zones for city logistics in
the Netherlands

The example of Eindhoven



EINDHOVEN



Zero Emission
Stadslogistiek

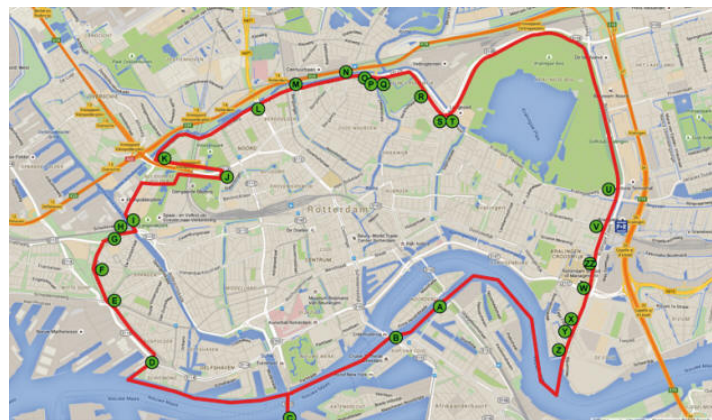
Remco Hoogma
SPES relations manager for municipalities

Jan Willem Hommes
City of Eindhoven

3 December 2020
POLIS conference

2019 Climate Agreement calls for ZE zones

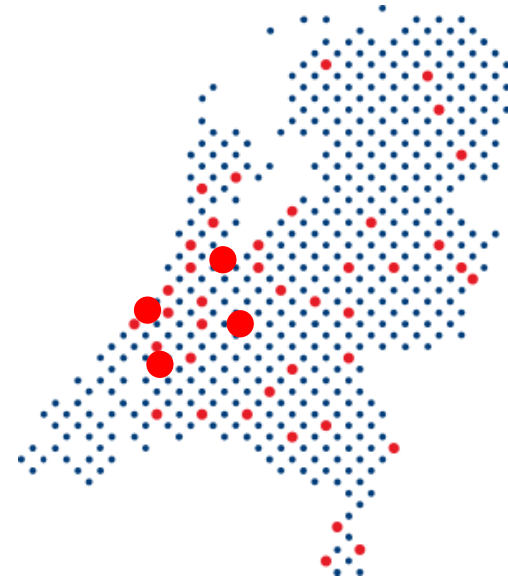
- 2014 Green Deal Zero Emission City Logistics (GDZES)
 - Pilots to explore zero emission solutions
- 2019 Dutch Climate Agreement
 - 1.1 Mton CO₂ reduction in 2030 by introducing ZE city logistics in 2025
 - A.o. by implementing zones in 30-40 large(r) cities
 - 1 Mton means 25-30% reduction of national city logistics emissions
 - Zones need to be sizable for sufficient impact (more than city centres)
- Examples (not final):





ZE zones for city logistics

- Which municipalities?
 - Target group is “G4+G40”
 - Smaller municipalities welcome to join
- What vehicles?
 - ZE = electric, hydrogen, pedal power
 - Freight (distribution) and services (e.g. maintenance)
 - Light duty commercial vans ZE from 2025
 - Exceptions for Euro 5 until end 2026 & Euro 6 until end 2027
 - Heavy duty Euro VI accepted until 2030, only ZE thereafter
 - If built after 2019 (boxtruck) or 2016 (tractor)
- Waivers
 - To be organised centrally as much as possible
 - Building on the practice of environmental zones for trucks





About SPES



- Samenwerkingsproject Expertpool Stadslogistiek
= *Collaborative project expertpool city logistics*
Funded by ministry of Infrastructure and Water management
- SPES supports local officials and administrators with:
 - A pool of experts in logistics, zero emission techniques, legal services, litigation support and research
 - Financial support for developing plans
 - A platform to collaborate with other cities and learn from each other through meetings, webinars, a website and newsletters
 - Advice on how to engage (local) elected officials
 - Support when submitting project proposals

Eindhoven en Route

to a
zero emission zone
inside the city ring

EINDHOVEN
op weg



EINDHOVEN

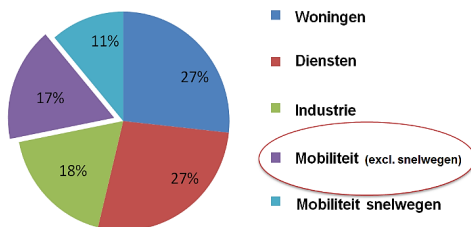


Why a zero emission zone?

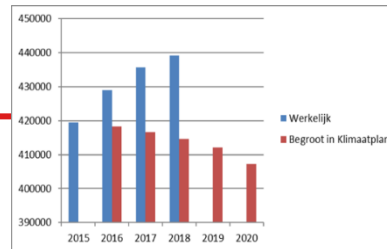
EINDHOVEN AS AN ATTRACTIVE, LIVABLE AND HEALTHY CITY



SHARE CO2 EMISSION CITY OF EINDHOVEN



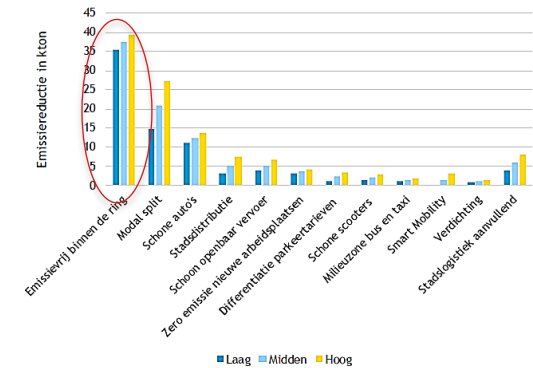
AMBITION 2030
55% less CO₂-emission
by urban mobility
compared to 1990
(100% reduction inside the Ring)



.. but still
increasing...

EFFECTIVITY ZE-ZONE

Omvang van de effecten van de belangrijkste maatregelen in 2030



NATIONAL AGREEMENTS

- Climate Agreement: 30-40 zero emission zones city in logistics in 2025
- Commitment to national harmonisation of access rules to low emission zones,
- Undersigning “Uitvoeringsagenda stadslogistiek”

The route to the zone













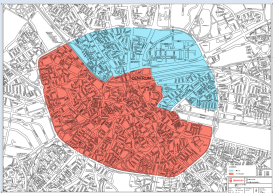
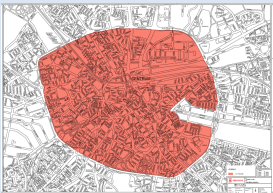
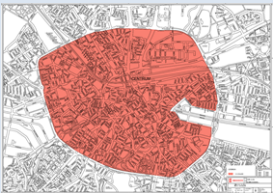
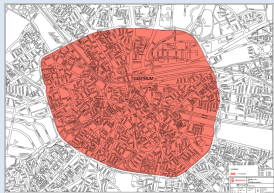

How does the city of Eindhoven reduce its own CO₂-emissions *en route* to a zero emissions zone in 2030?

(integrated with executing measures of *Eindhoven en Route* programme, low-car city centre programme)

Among others:

- All public transport and special needs transport zero emission in 2025
- Garbage collection with hydrogen trucks (+ pilot battery-electric 2020)
- Taxicabs emissions free from 2026
- Licensing for electric shared mobility (-scooters)
- Exploring the feasibility of a logistics hub at the city outskirts (constructing and supply logistics)
- Facilitating e-transport by creating more public (fast) charging points
- Supporting initiatives for sustainable urban logistics

Road map to a zero emission zone

2020	2021	2022	2025	Ambition 2030
 	 	 	 	
			 	 
				

Consultation 2018-2020

February 2018: Start of discussions with city council, inspirational session with external speakers

May 2018: bilateral dialogue, survey through local digital panel

Spring 2020: primary decision by city board

Summer 2020: consultation by web survey, digital thematic sessions

Questions asked:

- *Which measures do you support and are effective ?*
- *What do you want to contribute to the realisation of the steps in the road map?*
- *What kind of support do you need from the local/national government?*

September 2020: approval by the city council



Consultation Summer 2020: discussion points

- Support for the ambitions; positive attitude towards the elaboration of the roadmap
- Well-timed announcement: offers perspective to act but also worries
- Appeal to acceleration and more severe access rules versus request for longer preparation time and working out clear customized solutions
- Critical notes:
 - postpone extension area of maintenance 2021 > 2025
 - add old motor scooters/mopeds as soon as possible in the LEZ
 - transitional arrangements for vans and trucks to ZE 2028-2030
 - availability and affordability of ZE-vehicles demands om customizing
 - consider specific areas in the zone (University campus, business park)



Elaboration of road map

Together with stakeholders and inhabitants

‘en route’ to a zero emission zone 2025/2030 (with SPES support)

taking into account national frame works and knowledge (evaluations 2022, 2024)

- Local green deal zero emission urban logistics
- Elaboration of stimulating and conditioning measures
- Customization individual situations and exceptional vehicles (national and local dismissions)
- Support initiatives for green urban transport and logistics (e.g. geo-fencing, cargo bikes)
- Effective and efficient maintenance



Looking for European collaboration

- The Netherlands is a small country with limited impact on EU market
- Stronger policy push and market pull on ZE solutions is in our interest
- We know of good practices elsewhere and like to find more
- Let's share experiences and approaches and work together



Questions?

- Mail to SPES: stadslogistiek@ce.nl
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- Remco Hoogma: 00-316-13728201, relatiemanager-spes@ce.nl
- www.eindhoven.nl/projecten/eindhoven-op-weg-naar-een-nul-emissiezone-binnen-de-ring
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