

LEARNING FROM MOBILITY POLICIES IN DUTCH AND FLEMISH FRONT-RUNNER CITIES

18/06/2026



Medegefinancierd door
de Europese Unie



Panel Discussion on Mobility Policies

Laura Tavernier - Mobility Expert Flemish Cities Rebel

Sarah Hollander - Sustainable Mobility Brussels Environment

Muriël van Oers – Clean Air Agreement Rijkswaterstaat

Josette Vallentgoed – Udo – Mobility City of Amsterdam



**Medegefinancierd door
de Europese Unie**

PRESENTATION

Policy making for sustainable Urban Logistics

Final conference LIFE CityTRAQ
18th of June 2026

AEBEL

NETHERLANDS | GERMANY | BELGIUM | UNITED ARAB EMIRATES | UNITED
KINGDOM | UNITED STATES | CANADA | SOUTH AFRICA | KENYA | SINGAPORE



Thursday Morning
7u02.

And you hit the snooze button









HOMEMADE ICE CREAM AND WAFFLES



1-DYR
232

my

Chocolaterie

PURETO

ORDER ONLINE

renew
10000 11114

This is urban logistics

The biggest policy gap hiding in plain sight

Everyone wants deliveries. Nobody wants the truck.

→ Growing demand

- More residents, more shops
- Booming e-commerce
- More construction activity (renovation rate ↗ to reach climate goals)

🌿 Growing expectations

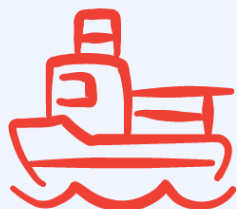
- Liveable, car-free centers
- Better air quality
- Less congestion & noise

Rebel *Ports & Logistics*

Optimizing every link in the logistics chain — from ports to last-mile delivery



From Ports



**Over
Inland
Waterways**



**Via Inland
Terminals**



**Including
Road
Transport**



**Up to the
Last-mile
Delivery**

I.

Urban logistics, what's in a name?



DEFINITION

Urban Logistics — what's in a name?

The organization of freight transport and service-related transport in urban areas

**Store supply**

From local shops to
large supermarkets

**Hospitality**

Bars, restaurants,
hotels

**Business
deliveries**

Offices, services,
healthcare

**E-commerce**

Parcels, postal
services, food
delivery

**Waste flows**

Household,
commercial,
industrial, returns

**Service traffic**

Plumbers, utilities,
public services

Urban Logistics — *the numbers*



Cars

88.2%

CO₂
50%

NO_x
18%

PM₁₀
47%



Vans

9.9%

CO₂
16%

NO_x
25%

PM₁₀
26%



Trucks

1.3%

CO₂
18%

NO_x
37%

PM₁₀
13%



Busses

0.6%

CO₂
16%

NO_x
20%

PM₁₀
14%

City logistics is related to many *policy domains*

climate

- Energy & climate
- Construction / renovation
- Pollution

public space

- Spatial planning
- Spatial research



economy

- business
- Local commerce
- Social economy

mobility

- mobility policies
- Traffic management
- Infrastructure



II. Policy Framework



How cities can *actively improve* air quality through logistics policy



Zero-emission zones

Restrict access for polluting freight vehicles in defined urban areas



Green procurement

Require sustainable logistics in municipal tenders and construction projects



Allocate space for urban logistics

Allocate space for urban logistics respecting proximity, enabling zero-emission logistics



Cargo bikes & LEVs

Stimulate the use of cargo bikes and light electric vehicles for last-mile



Emission-linked time windows

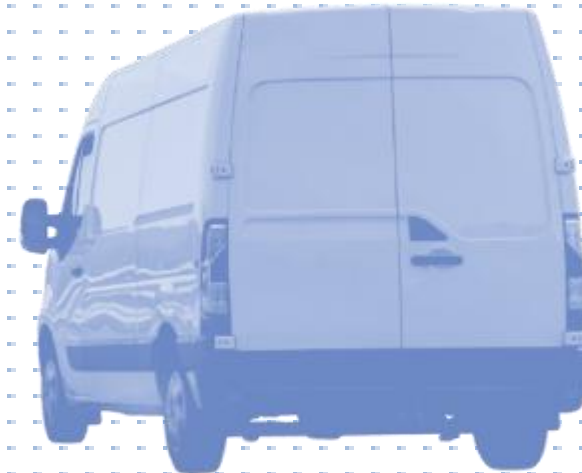
Grant wider delivery windows to zero-emission vehicles



Data and digital

Data and digitization as a foundation for evidence-based policymaking

***A Sustainable Urban Logistics Plan (SULP)** translates city ambitions into concrete logistics policy.*



It acts as a compass: clarity and direction for city administration and business owners

Back to 7 AM

The same city. But now with a strategy for city logistics.



Fewer trucks through consolidated delivery



Cleaner vehicles in the city center



Data-driven policy decisions



Logistics seen as a lever for livability, not just a problem

It doesn't have to be perfect. It has to start.

LET'S TALK

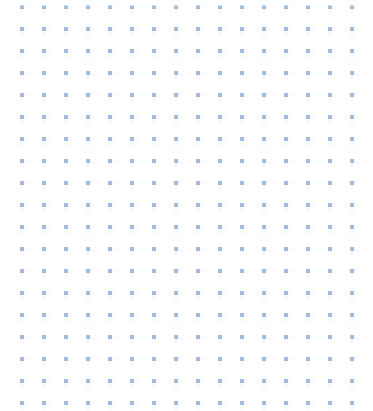


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NO
CHANGE
WITHOUT
A REBEL



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Logistics BE BV**

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Mobility policies to reduce emissions in Brussels

Sarah HOLLANDER – Leefmilieu Brussel / Bruxelles Environnement

LIFE City Traq Final Conference

18/06/2026

How does the Brussels Capital Region reduce transport emissions?

2020 – 2030

Mobility plan

Targets 2030
-25% car use
(33% to 24%)



2023 – 2028

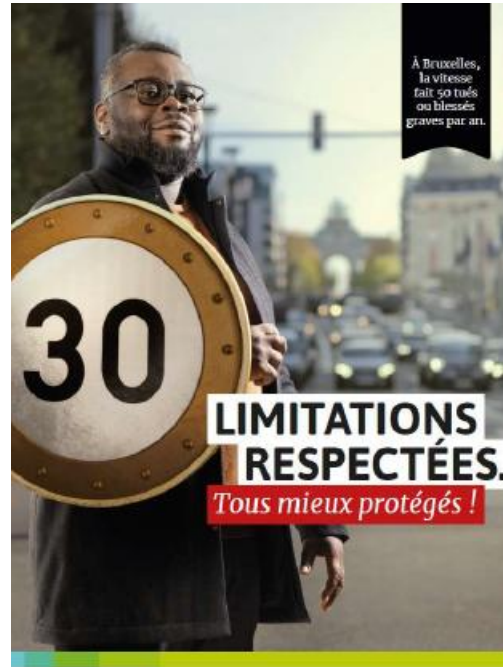
Air-Climat-Energy plan

Targets 2030
-47% CO2
20µgr/m³ NO2



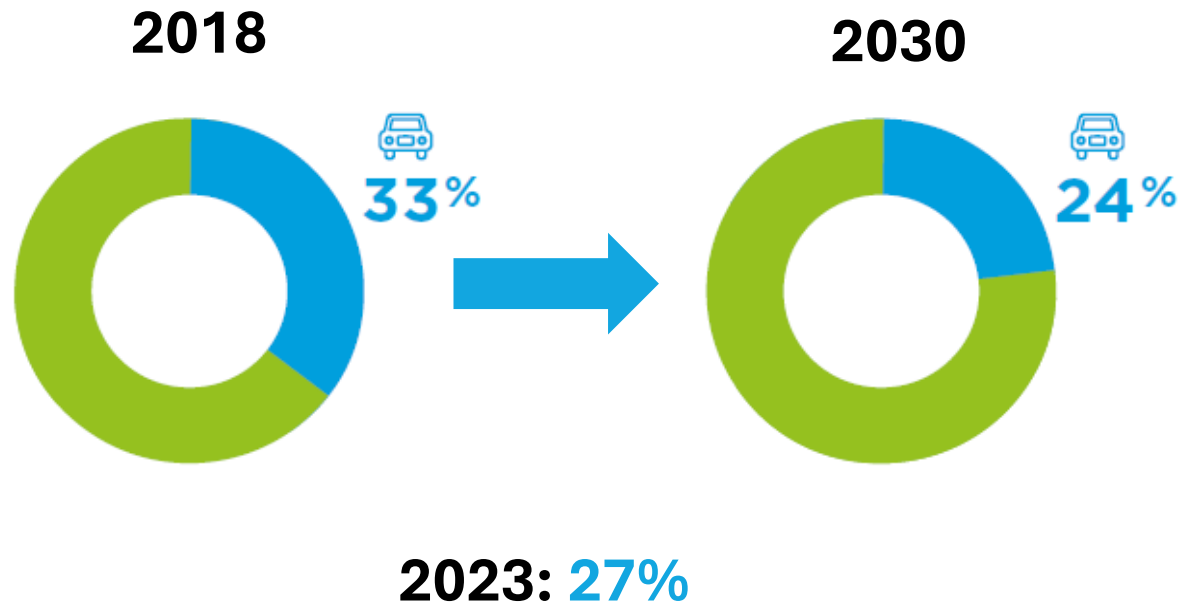
Mobility strategy

2020 – 2030
Mobility plan

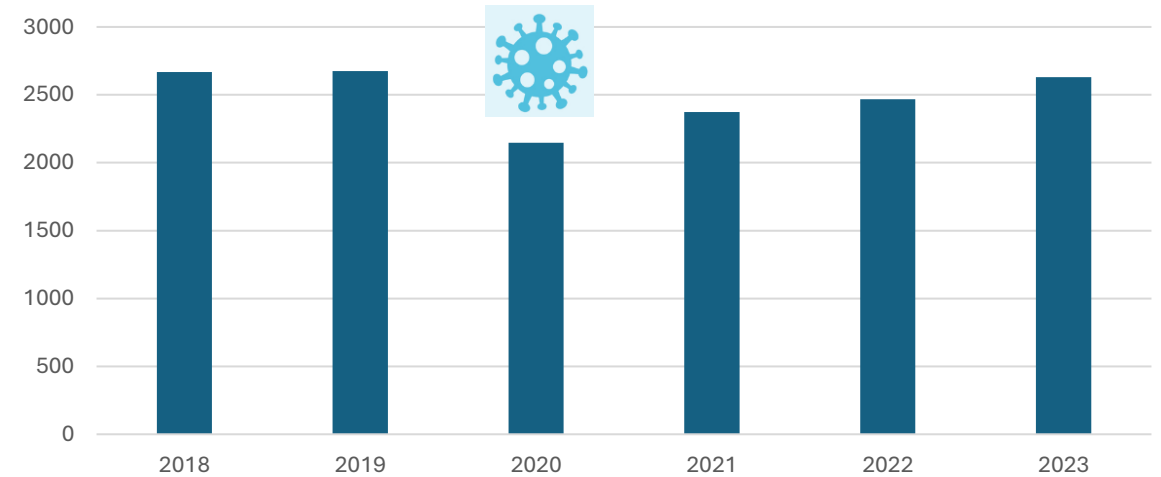


- Traffic calming:
 - Generalized 30km/h (2021)
 - Circulation plans neighbourhoods
- Investments in public transport & cycling, infrastructure
- Mobility services
- ...

Modal shift in the good direction, but hard to reduce km driven

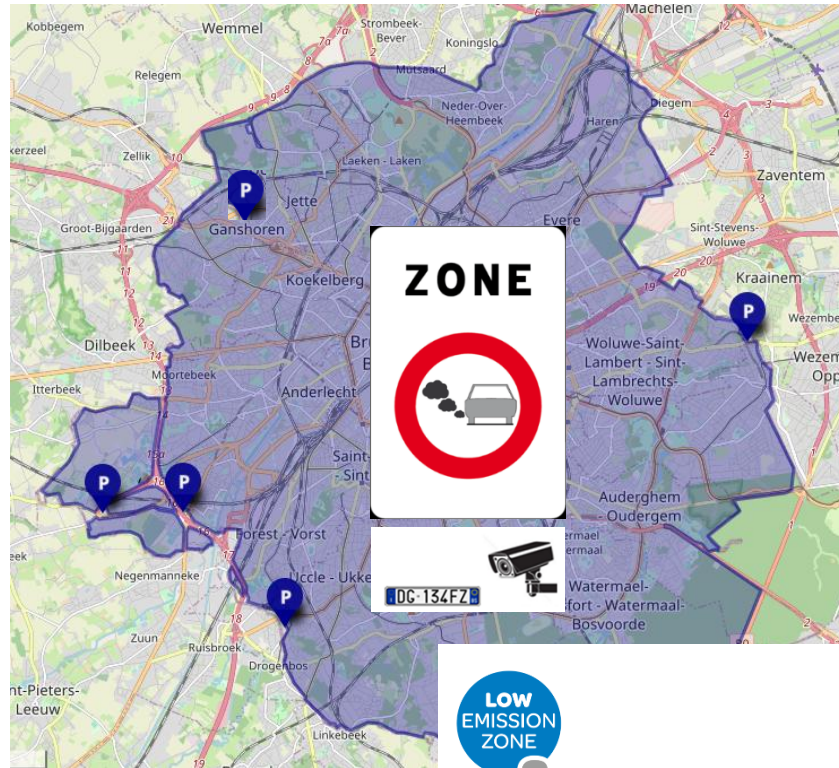


Total vehicle km - passenger cars
2018 – 2023



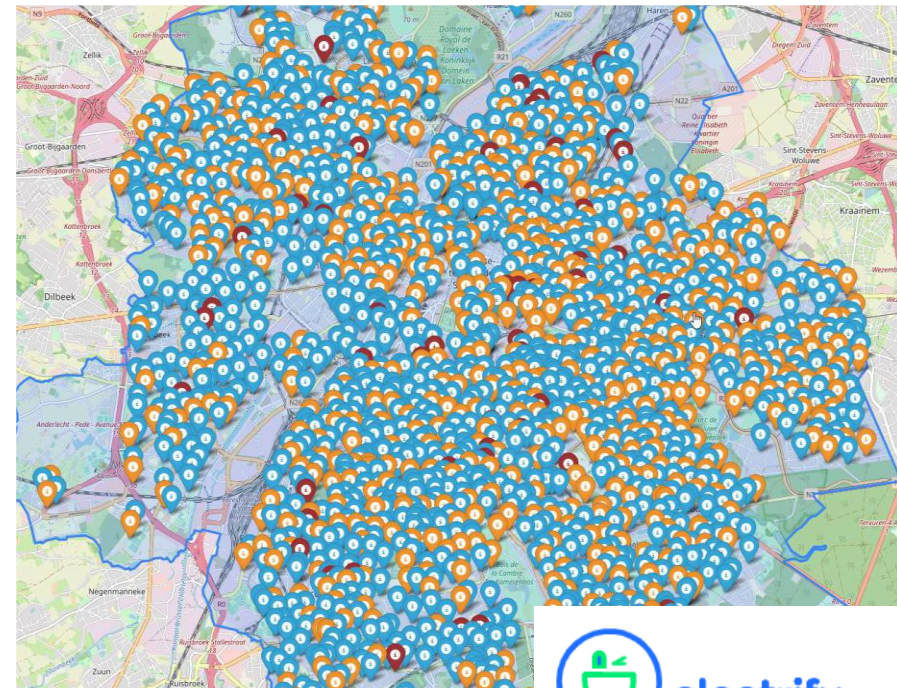
Clean up vehicles: Roadmap Low Emission Mobility

Low Emission Zone
to Zero Emission Zone
2018-2036



.brussels

Electrify.brussels
Public accessible chargers



Need to clean up vehicles: low emission mobility

How to accelerate electrification captive fleets

- Legislation:
 - Region and local authorities
 - Electric busses
 - Taxis
 - Company cars (national level)
 - (Carsharing)
- Facilitation& stimulation
 - Green Deal Urban logistics
 - Facilitator Mobility & Fleet
 - Facilitator charging points
 - Cargo bike guidance

How to leave no one behind?

Grants:

- **Bruxell'air grant scheme - Mobility budget** (€566 - €1132) depending on household income for residents who cancel a number plate
- **Electric vans grant scheme** for small companies

Facilitation, stimulation

- Mobility coach
- Vélo solidaire, bike coaching
- Social fares for public transport seasonal tickets
- Green deal Inclusive car sharing
- LEZ exceptions

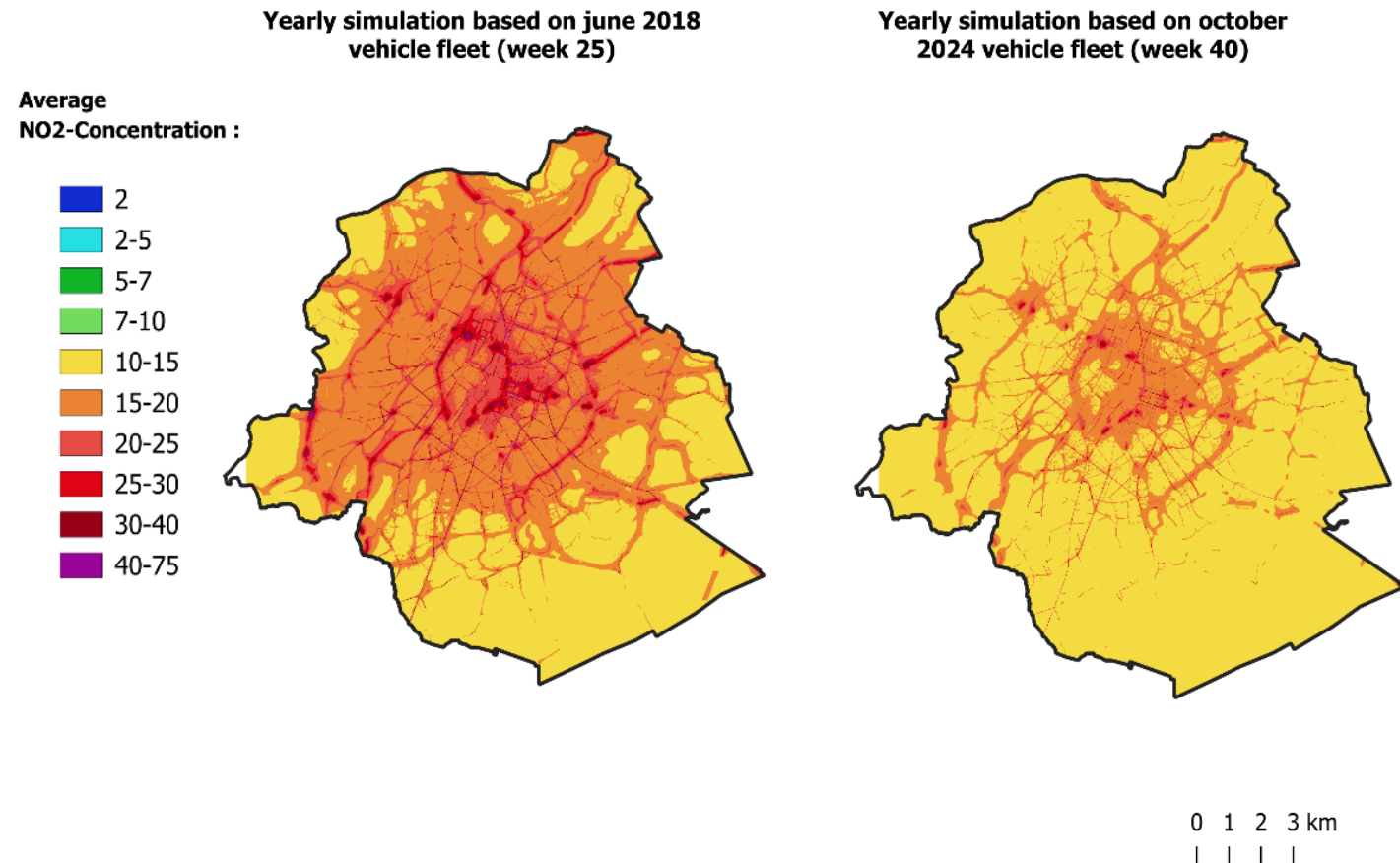
Strong impact on NO2 concentrations

Modelling NO2 concentrations isolating LEZ impact 2018-2024:

- Reduction of NO2 concentrations between 4,5% and 40%

Comparison evolution in other Belgian cities :

- Stronger decrease in NO2 concentrations in LEZ cities (Brussels, Antwerp)
- Brussels: strongest improvement in the neighbourhoods with the lowest incomes



But... Good Move to Bad Move

613 days without a regional government (juin 2024 - feb 2026)



MOBILITÉ

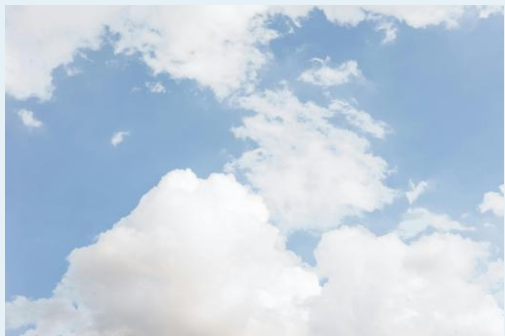
**FIN DE GOOD MOVE
NOUVEAU PLAN RÉGIONAL
LEZ : FINI LA PUNITION
SOCIALE**

GOOD MOVE FINI ?

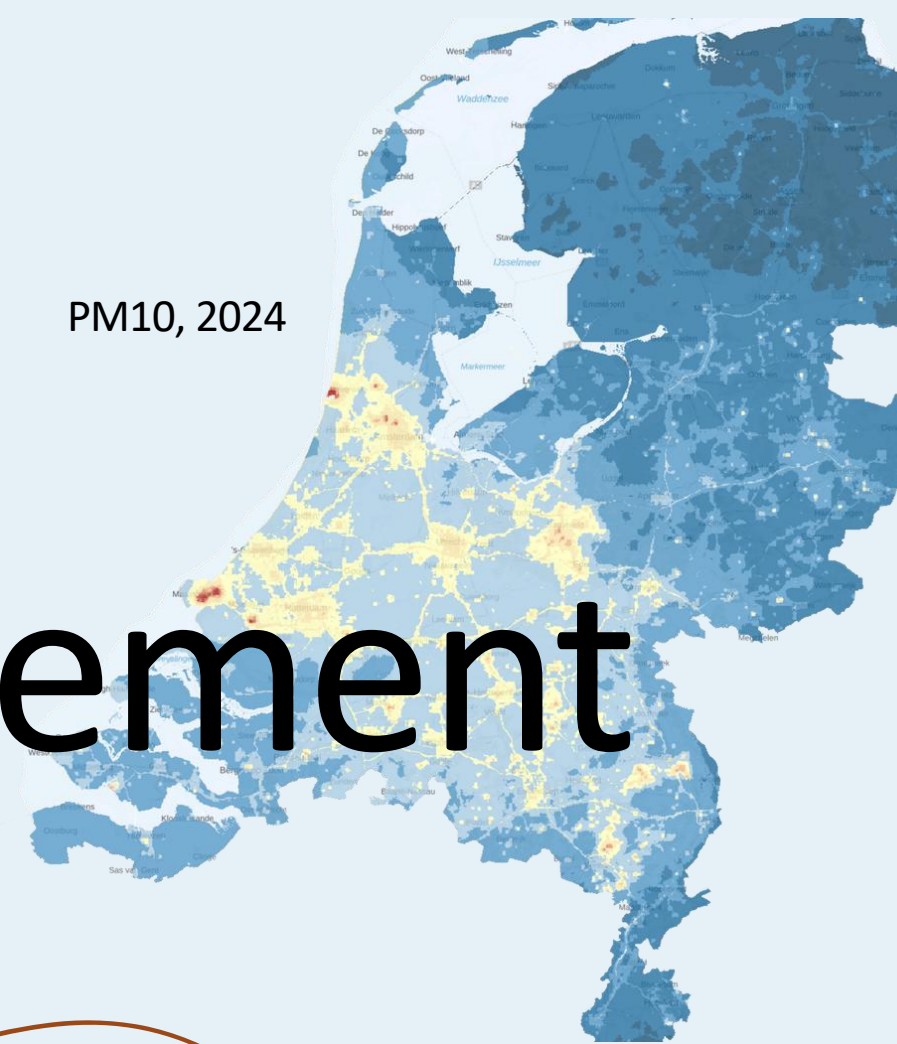


**PRÉPAREZ-VOUS
À BETTER MOVE**





PM10, 2024



Clean Air Agreement

MURIËL VAN OERS,

CityTRAQ final
conference
June 18, 2026

Samen voor
schone lucht

Help
mee!

schoneluchtakkoord.nl

Clean Air Agreement

“Together for Clean Air” / “Samen voor Schone Lucht”



Muriël van Oers

Policy Advisor
Air Quality and Communications
Clean Air Agreement
Rijkswaterstaat



Goal



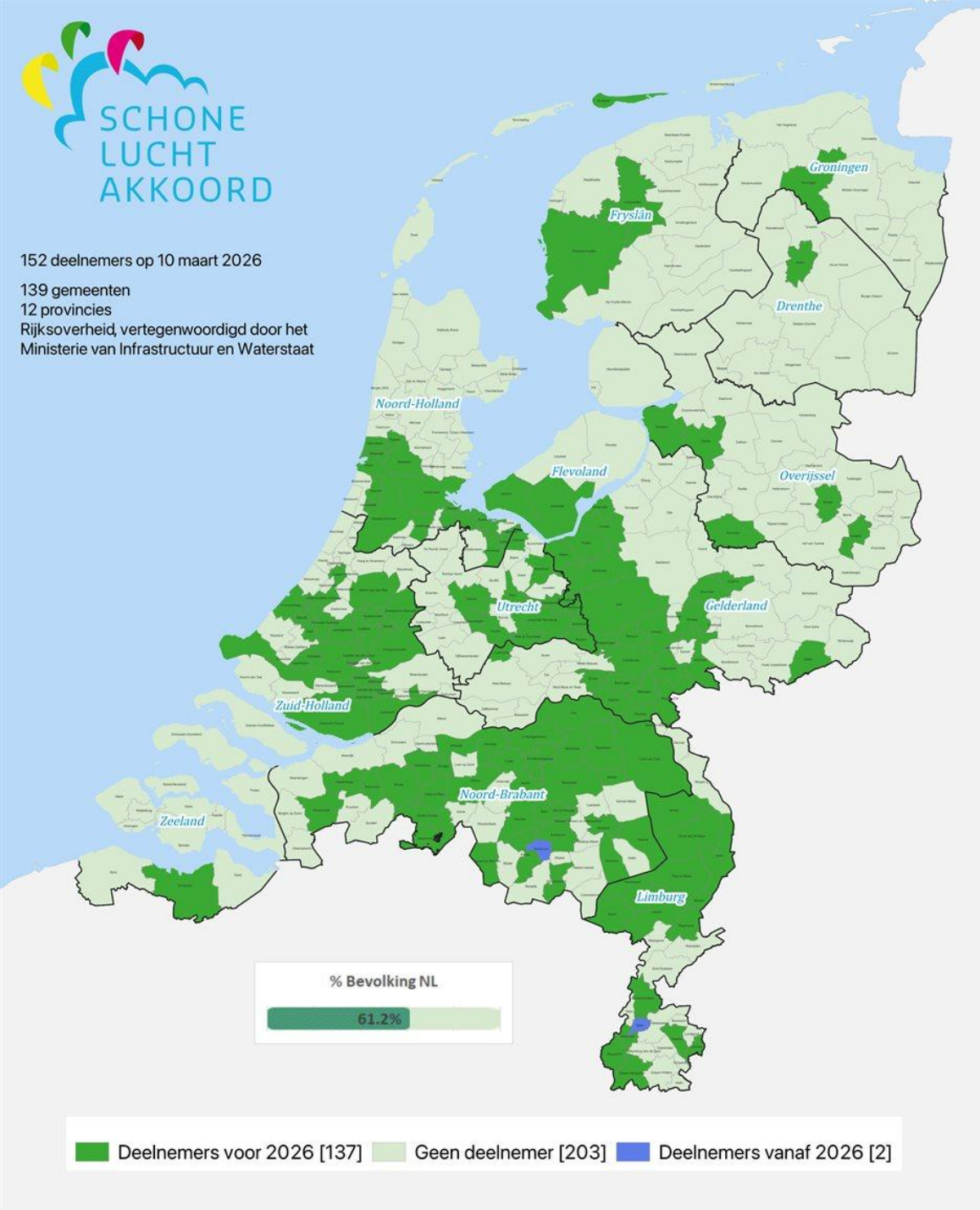
Our air can and must be cleaner. That is why, at the beginning of 2020, the Cabinet signed the Clean Air Agreement with provinces and municipalities.

The aim of the agreement is to permanently improve air quality in the Netherlands. In accordance with WHO 2005 guidelines.

Our ambition is to limit the emission of pollutants in all relevant sectors in order to achieve at least a 50% health gain in 2030 compared with 2016.

The agreement focuses on reducing particulate matter (PM10 & PM2,5), nitrogen dioxide (NO2) and ammonia (NH3).

"Breathing clean air is a right for everyone."



Started with 46 participants, now:

152 participants

139 municipalities, 12 provinces

Covers 61.2% of the Dutch population

Challenge is to include Zeeland, Friesland,
Drenthe, Overijssel, and Groningen

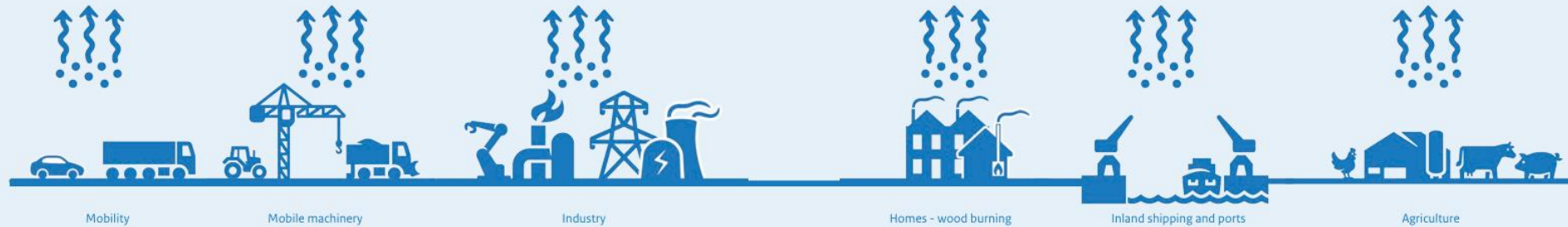
“Together for Clean Air”

“Together for Clean Air”

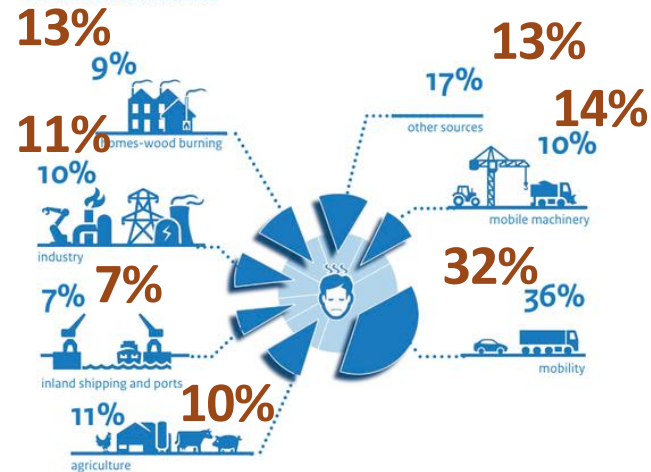


Air pollution sources in NL

NATIONAL SOURCES OF AIR POLLUTED SUBSTANCES



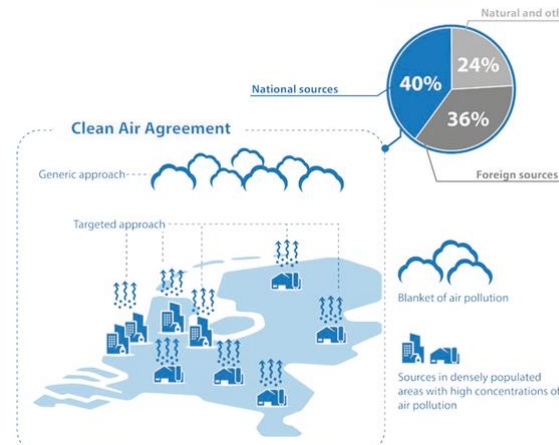
CONTRIBUTION BY NATIONAL SOURCES



Contribution per sector to the health effect reduction in life expectancy (2005)¹

APPROACH CLEAN AIR AGREEMENT

ORIGIN OF HEALTH EFFECTS OF AIR POLLUTION IN THE NETHERLANDS 2016

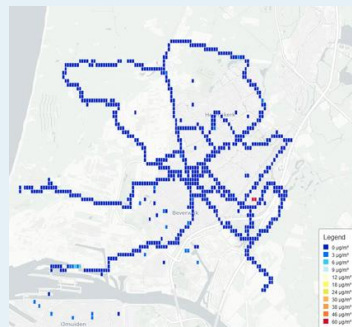


The Clean Air Agreement contains generic and specific measures. Generic measures tackle the blanket of air pollution over the whole of the Netherlands. Specific measures focus on densely populated locations with high concentrations of air pollution, where the potential health gain is greatest. Reducing the blanket of dirty air produces health gains for the whole of the Netherlands, and health benefits can be considerable in the areas with the highest (peak) concentrations.

Samen voor
schone lucht

Help
mee!

schoneluchtakkoord.nl



Mobility



www.globenederland.nl



 Telraam

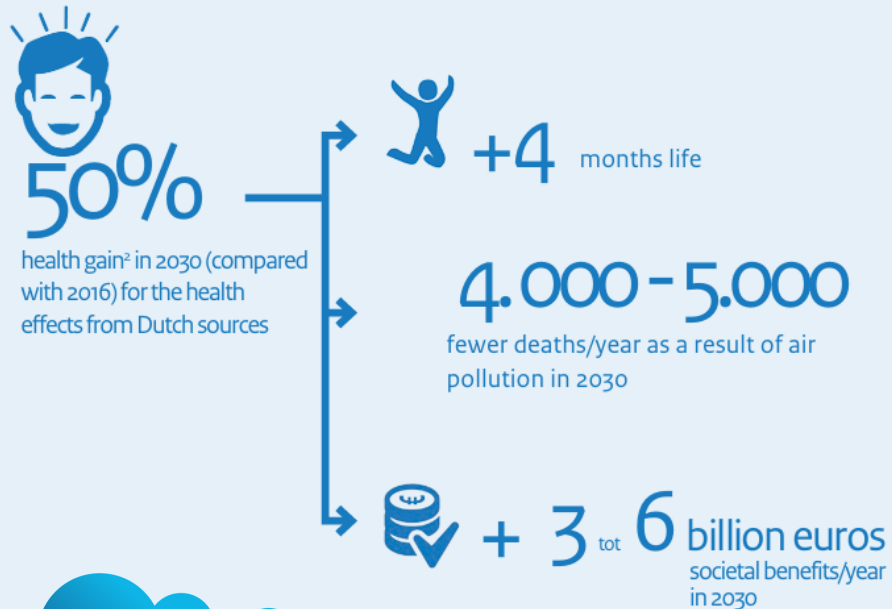


Rijksdienst voor Ondernemend Nederland



Monitoring

PURPOSE CLEAN AIR AGREEMENT



schoneluchtakkoord.nl

- Once every two years, RIVM calculates the progress of health gain per key area of action and makes a prognosis of the health gain in 2030 based on the measures.
- Every year, the Clean Air Agreement monitors the status of the measures that are taken / will be taken by the participants.

Get in *touch*

Any ideas for us?



E-mail

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Social media

LinkedIn:

Schone Lucht Akkoord



Phone

+316 18486066

Samen voor
schone lucht

Help
mee!

schoneluchtakkoord.nl

International Day of Clean Air, Monday, September 7th, 2026



7th International day of clean air for blue skies

Who will also organize a campaign or event / wants to contribute to ours?



schoneluchtakkoord.nl



Amsterdam



Josette Vallentgoed-Udo – Head Air quality - City of Amsterdam



Introduction

- Economics – Free University Amsterdam
- Product Director British Telecom
- Director SW Engineering TomTom
- VP Engineering EVBox
- From 2022 Head of Sustainable Mobility at City of Amsterdam (40 FTE)





Clean Air for a sustainable Amsterdam

For citizens, visitors and entrepreneurs

Air pollution in Amsterdam equaled 6
(now 4) cigarettes a day

Shortens life of the average Amsterdam
citizen by 15 (now 11) months and has
impact on (unborn) children





Targets air quality in Amsterdam

Substance	Calculated yearly average Amsterdam 2024	Current EU Legal restriction V	2005 WHO Norm V	European Committee (2030) V	2021 WHO Norm V
PM 2.5	10,6 µg/m3	25 µg/m3	10 µg/m3	10 µg/m3	5 µg/m3
PM 10	18,8 µg/m3	40 µg/m3	20 µg/m3	20 µg/m3	15 µg/m3
NO2	34,2 µg/m3	40 µg/m3	40 µg/m3	20 µg/m3	10 µg/m3



Vision Emission Free mobility

Action Plan Clean Air 2019

Aim:

- Clean air for citizens, visitors and entrepreneurs in Amsterdam. Targeting WHO-norm 2005
- Fight climate change, reduce CO2 emission
- An emission free city, transition from fossil to electric or H2O

*Besides Team Emission Free Mobility, we also have a team responsible for Car Free and a team for Shared Mobility.
(Trias Mobilica)*





PM2.5

Amsterdam

1.25

PM2.5 secundair PM2.5 primair

0.95

0.69

0.19

0.19

0.07

0.34

0.18

0.38

0.27

0.55

0.42

Industrie

Verkeer

Mobielewer...

Mobielewer...

Luchtvaart &

Scheepvaart

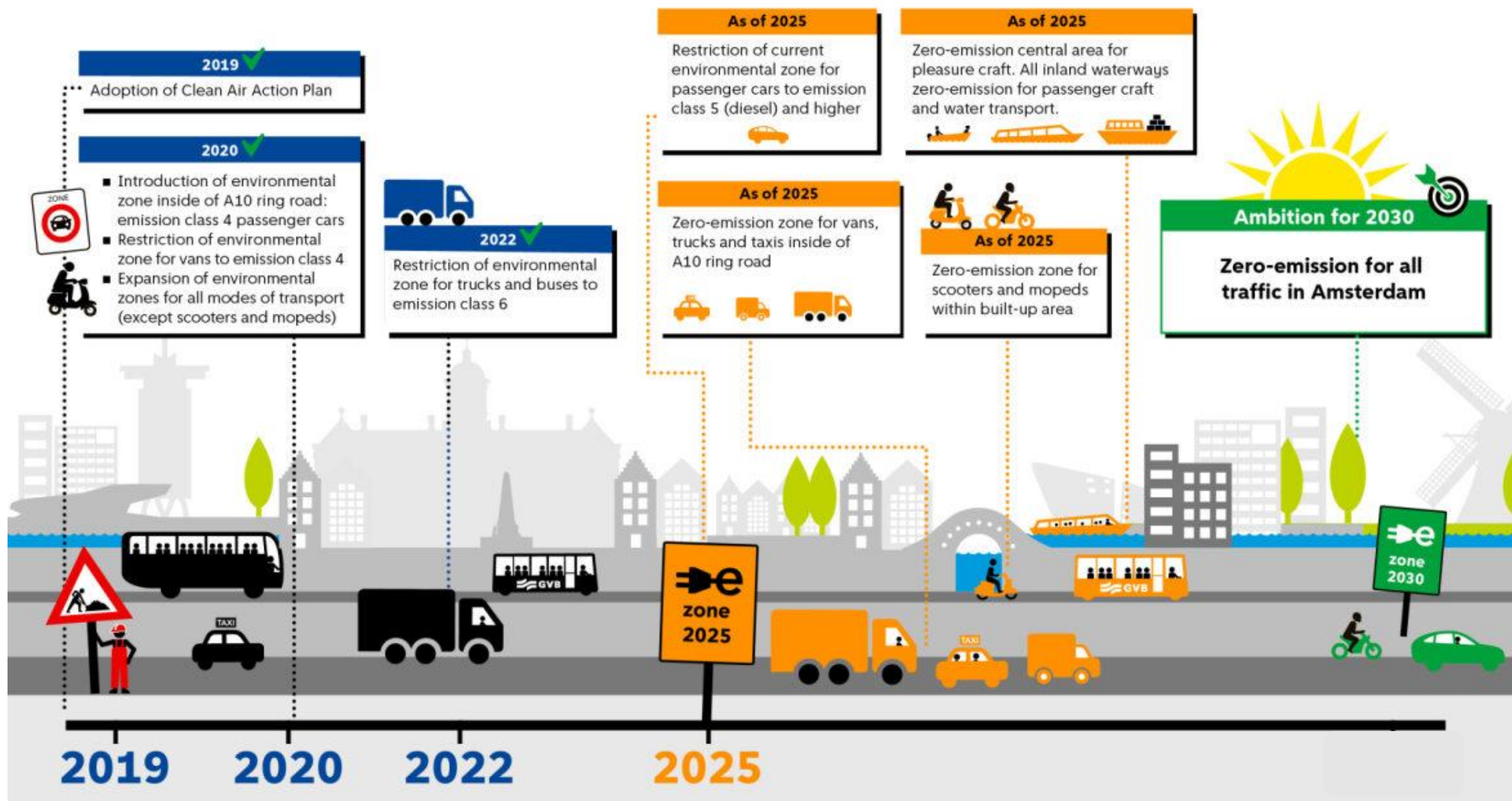
Binnenvaart

Landbouw

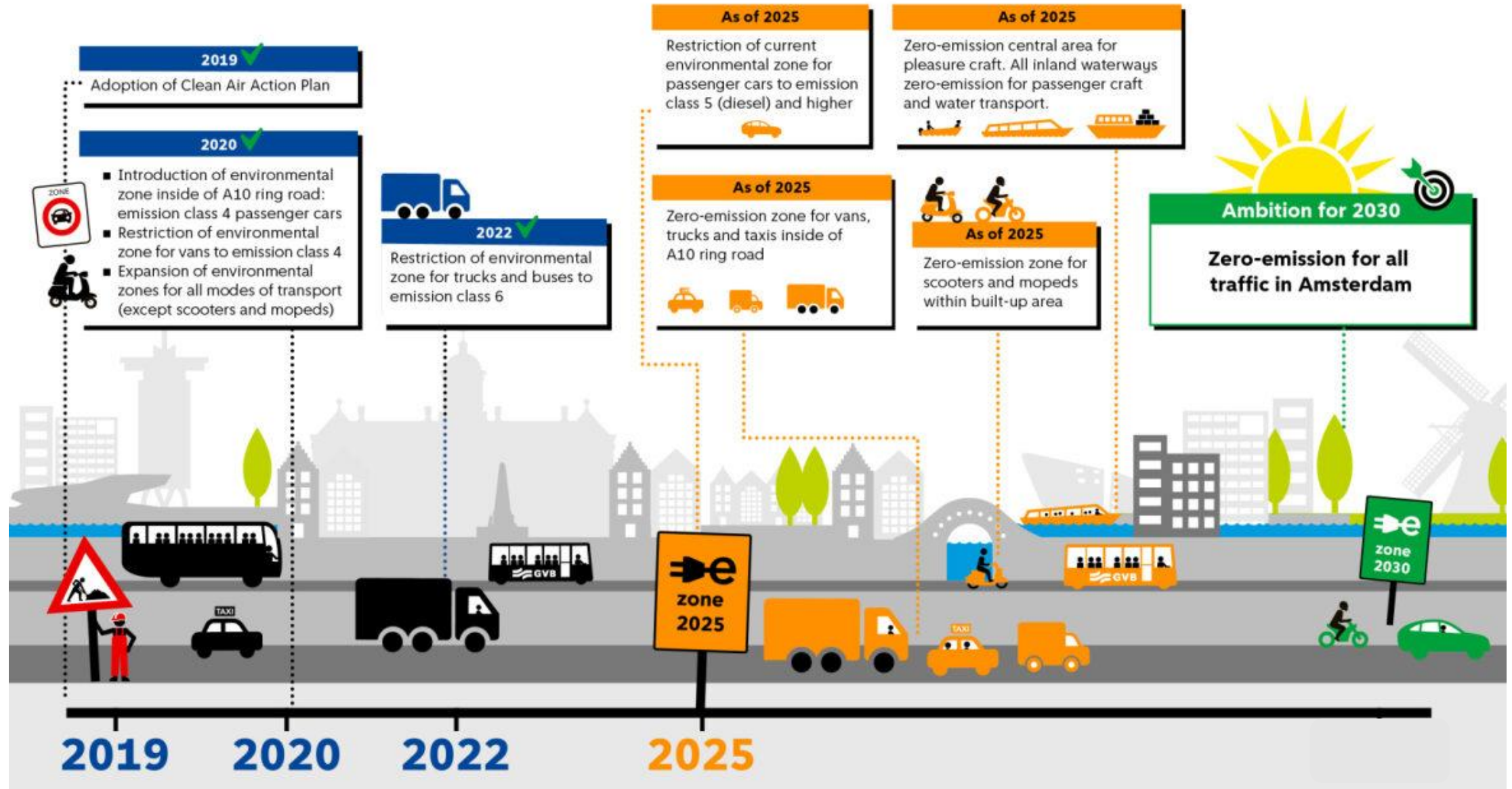
HDO &

Vuurwerk, roken,

Houtkachels

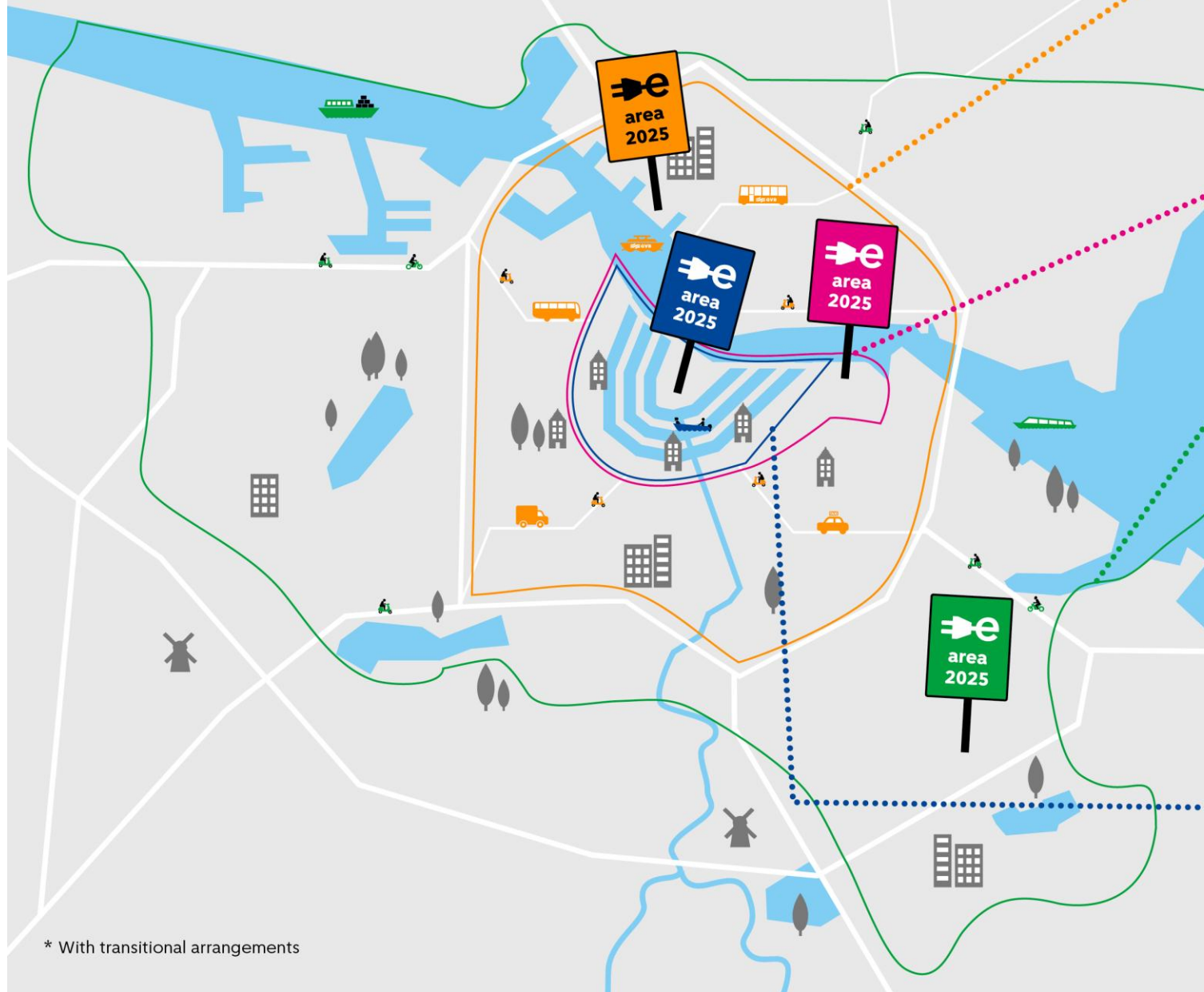


Course towards a zero-emission Amsterdam





Size of zero-emission zones and low emission zone



Low emission zone area within Ring A10

For taxis, diesel passenger cars, diesel vans and trucks



Zero-emission zone S100 from 2025*

For vans and trucks



Zero-emission zone built-up area from 2025*

For mopeds and motorised bikes



Zero-emission zone for inland waterways from 2025

For passenger and transport vessels



Zero-emission zone from 2025*

For pleasure craft



* With transitional arrangements



Policy Emission free zones

Via central exemption counter



12 Day
Exemptions



Special vehicles*



Non available
vehicles



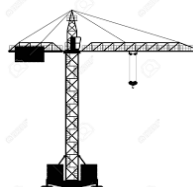
Wheelchair
adjusted*



Private use



Long Delivery
Time



Heavy loading



Old timer*



Truck only Plug-in Hybrid



Bankruptcy



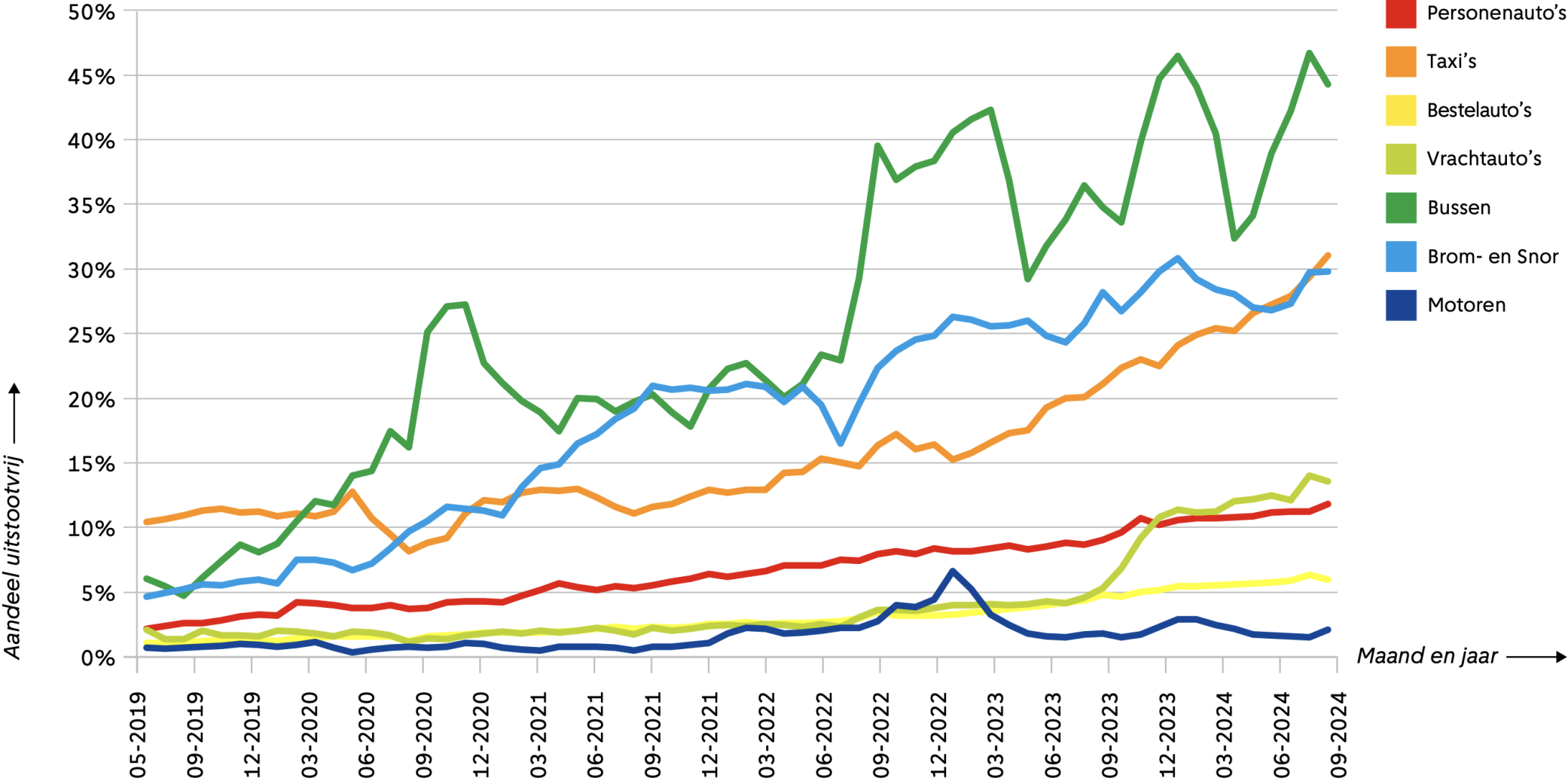
Moving company*



Fire truck*



Aandeel uitstootvrij binnen ring A10





E-lympic | Mobility Hub

E-lympic – Together on the
way to a sustainable future

