



Zero Carbon Cities

Amsterdam towards a zero emission 2030



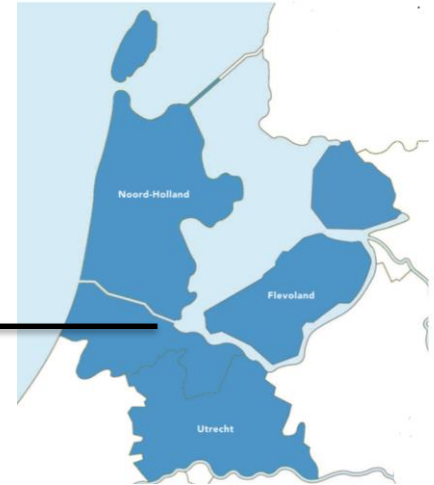
Pieter Looijestijn

Manager charging infrastructure at Amsterdam Region



The Amsterdam Metropolitan Area

- Size – City 220 km²
- Size – AMA 2,580 km²
- Population – City > 850,000
- Population – AMA > 2.4 mil

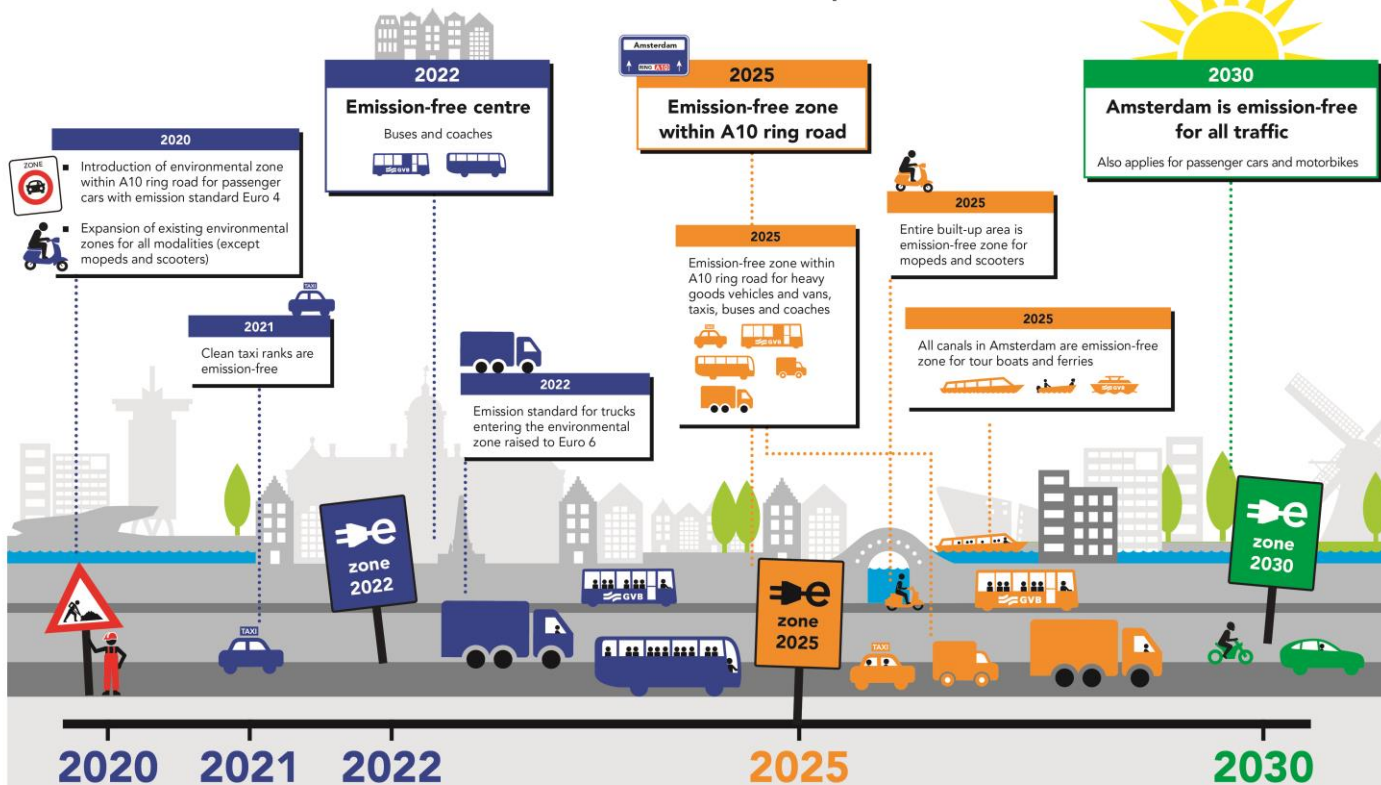


The Netherlands **AMA**



Amsterdam emission-free

Phased plans for traffic





Amsterdam towards a zero emission 2030

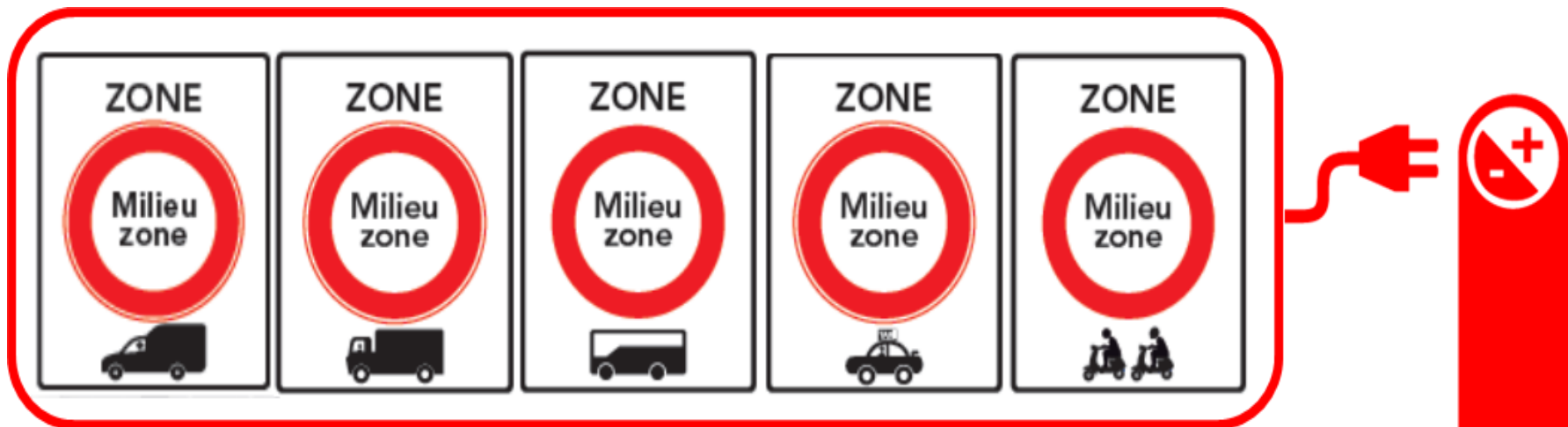
Clean air is the main driver: PM₁₀, PM_{2,5} and NO₂
12 months reduced life expectancy in Amsterdam
Strive to comply to the WHO values

About 9% reduction on CO₂ for the city with wheels
And less sound stress



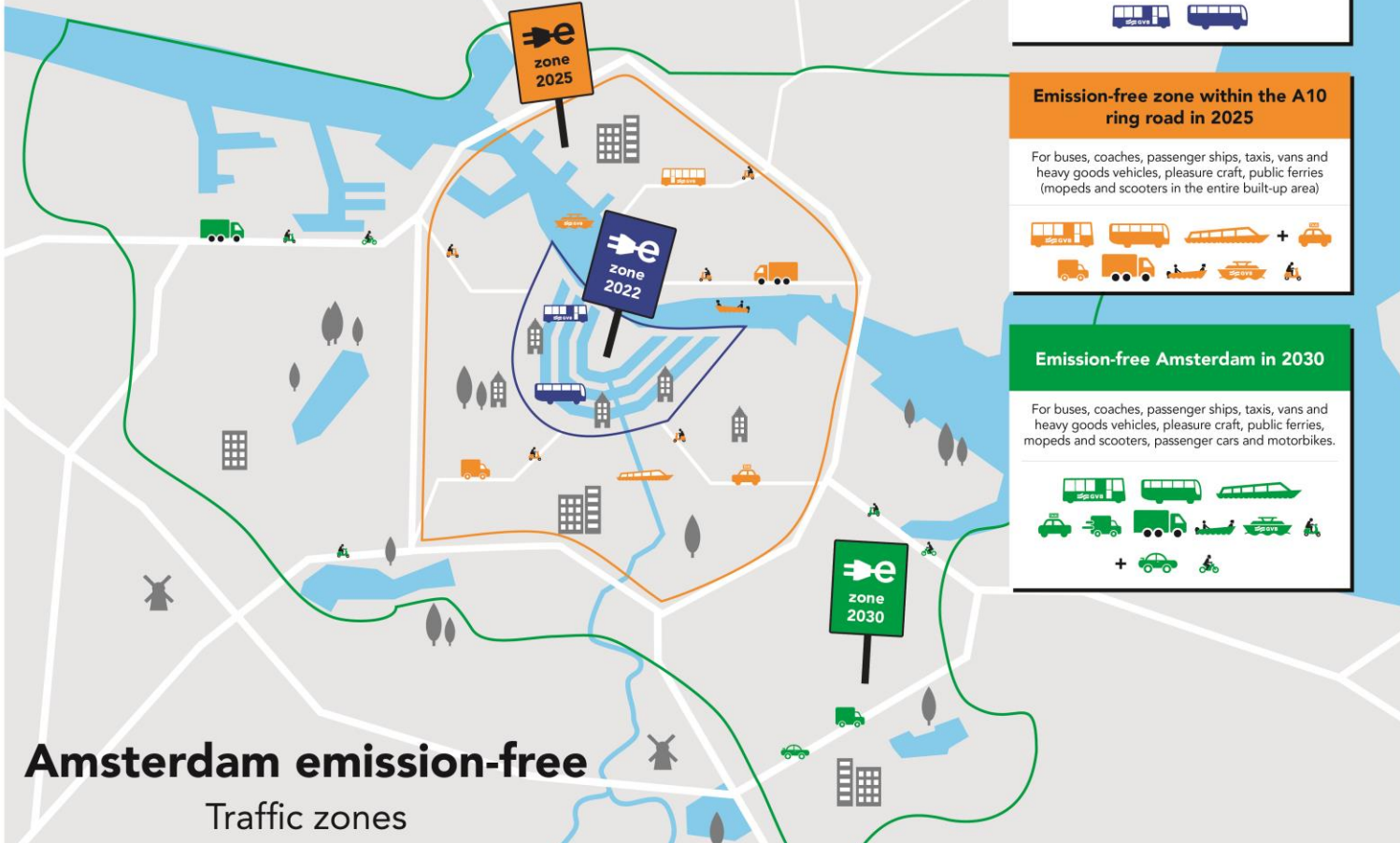
Most environmental zones in one City

And more to come
the stepping stones towards emission free 2030





City of Amsterdam



Emission-free centre in 2022

For buses and coaches



Emission-free zone within the A10 ring road in 2025

For buses, coaches, passenger ships, taxis, vans and heavy goods vehicles, pleasure craft, public ferries (mopeds and scooters in the entire built-up area)



Emission-free Amsterdam in 2030

For buses, coaches, passenger ships, taxis, vans and heavy goods vehicles, pleasure craft, public ferries, mopeds and scooters, passenger cars and motorbikes.



Amsterdam emission-free

Traffic zones



Amsterdam towards a zero emission 2030

Stimulate by

Privileges

Grants

Compensation



Amsterdam
elektrisch 



XXX Demand driven roll-out supported by charging data simulation models and heatmaps

Examples within city limits **home charging=public charging**

- 3.000 public street stations and 3.000 in e.g. parking lots
- 43.000 unique users in 2018
- Up to 100.000 monthly charging sessions

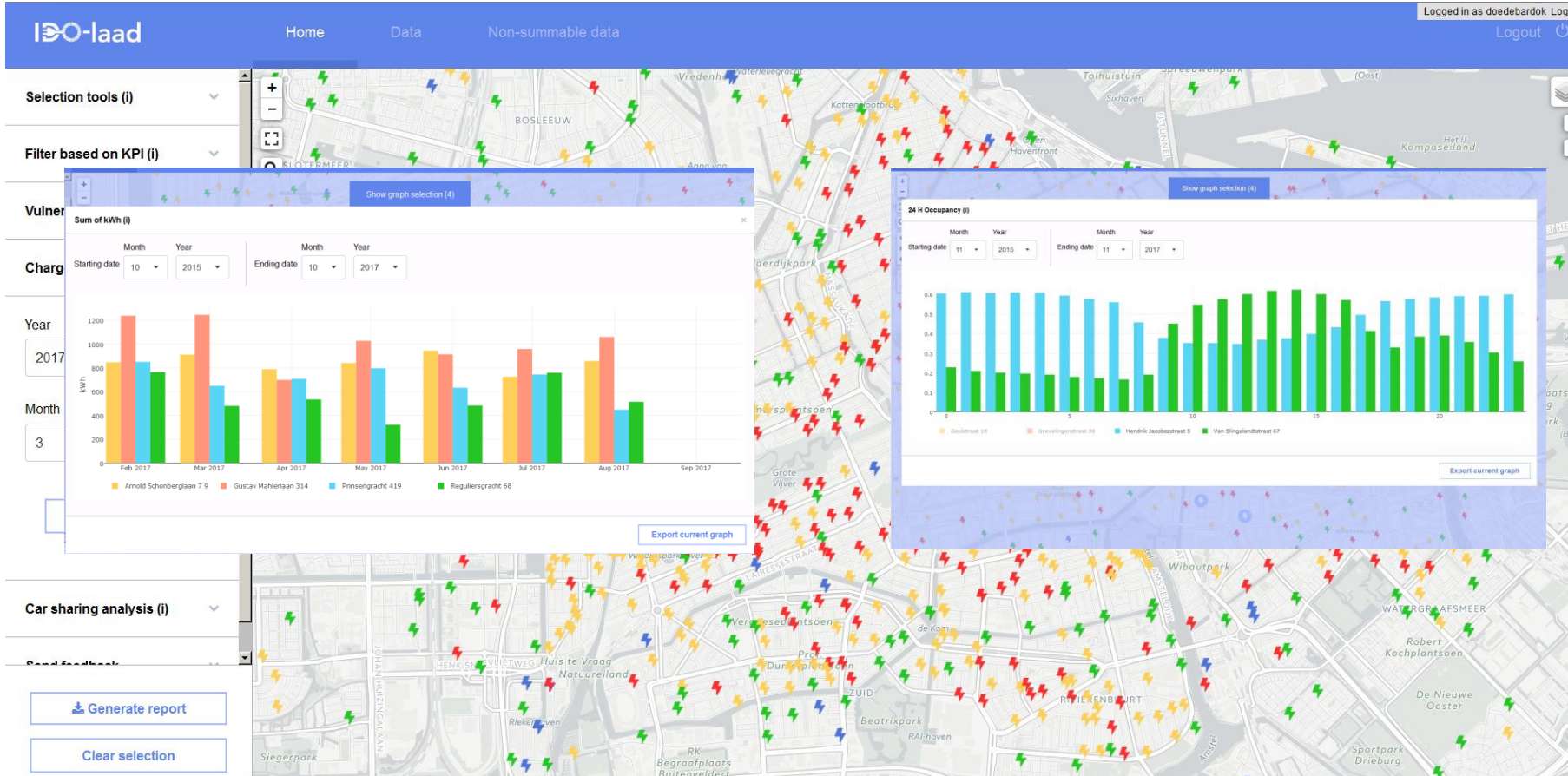
- 900 flexpower- chargers in 2019
- 2 hydrogen stations in 2019/2020
- 50 fastchargers by 2020

- More on www.evdata.nl





Monitoring the public charging network for decision- and policy making



✖ Thank you!



✖ City of
✖ Amsterdam
✖

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Amsterdam emission-free Phased plans for traffic

