

Healthy urban living

Route to zero emission in Utrecht



Presentation AVERE
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Project manager n clean
mobility



Gemeente Utrecht





4th

**Most rapidly
growing city**



300
thousand
travellers every
single day




100.000

bicycles roam
through our city
every day

2nd

bicycle city in
the world



#AirQuality

Clean air is a human right. You can't choose which air you breathe.

Climate goals: 49% CO₂ reduction in 2030

The challenge: mobility space-efficiency

Space Required to Transport 48 People



Car



Electric Car



Autonomous Car

Choice 1: Prioritize sustainable mobility

Prioritize pedestrians
Easy walking, crossing, meeting



Better space for bikes
less stops, better connections

Upscaling public transport
utilize nodes, e-buses, more capacity



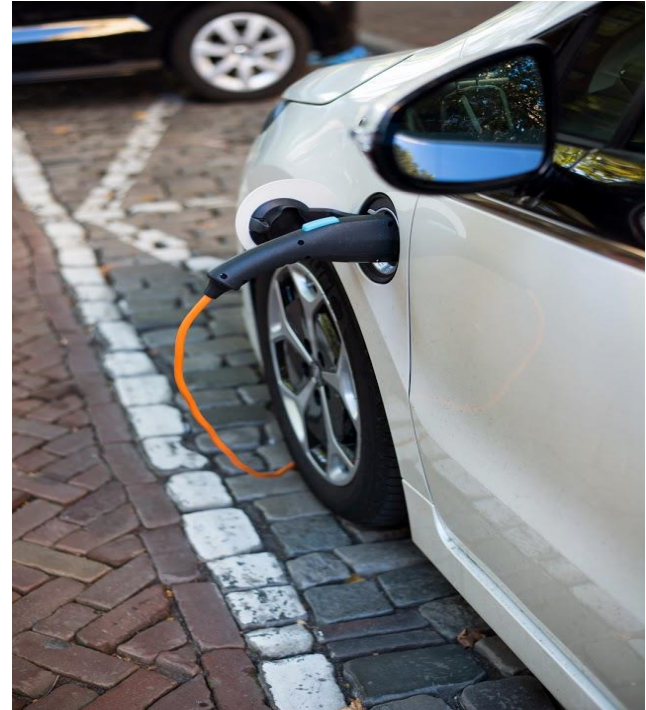
Choice 2: new parking policy

- Less space for cars in new housing areas
- Parking at a walking distance from the neighbourhood



Choice 3: Stimulate carsharing and electric cars

- Utrecht is car sharing city number 1 NL:
 - Most shared cars per inhabitant
 - Less private cars
 - On average, sharing a car is cleaner than having a private car
 - People who share a car drive less kilometres per person
- Smart solar charging



Electric cars in the Netherlands

Situation in 2021

150.000 hybrid and full electric cars

Goals for 2030

- 1,6 million electric cars
- 20% of all cars is zero emission
- All new cars sold are zero emission



Cars in Utrecht

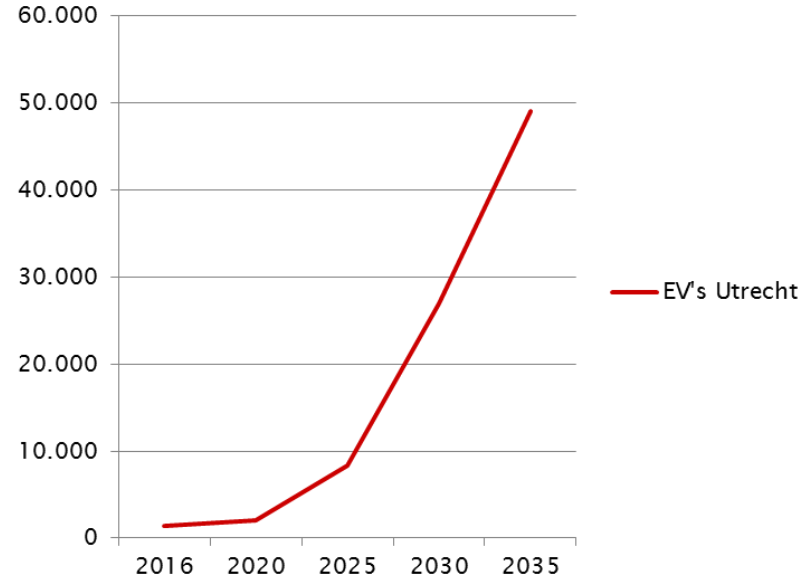
Situation in 2021

- 138.000 cars for 350.000 inhabitants
- 850 charging objects for electric cars
- 4700 full electric cars, 3200 hybrid

Goals for 2030

- 20% of all cars electric (27.000)
- 5000 charging objects for electric cars

Electric cars Utrecht



Zero emission in Utrecht

- Zero emission public transport: 500 zero emission buses in 2025 (65 zero emission buses in 2021)
- Zero emission zone for logistics in the centre of Utrecht in 2025
- Zero emission zone for mobility in 2030



Zero emission in Utrecht

- Routes to zero emission: pilots/ experiences
- Financial stimulations for clean cars
- Permission to bus lanes only for clean taxi
- Public tenders clean buses, clean mobility
- Regulation by low emission zones and zero emission zone



Route to zero emission city logistics regulation

Low emission zone

Heavy duty

2008 Euro 0,1,2

2013 Euro 0,1,2,3

2022 Euro 0,1,2,3,4,5

Low emission zone vans

2015 Euro 0,1,2

2021 Euro 0,1,2,3

2025 Euro 0,1,2,3,4

2025 Zero emission zone

All new vans and heavy duty



Utrecht and Wedrivesolar

- Combination of electric/clean mobility and transition new energy







New urban area: 9000 houses, mobility as a service

MERWEDE



CLIMATE
ADAPTIVE

CIRCULAR

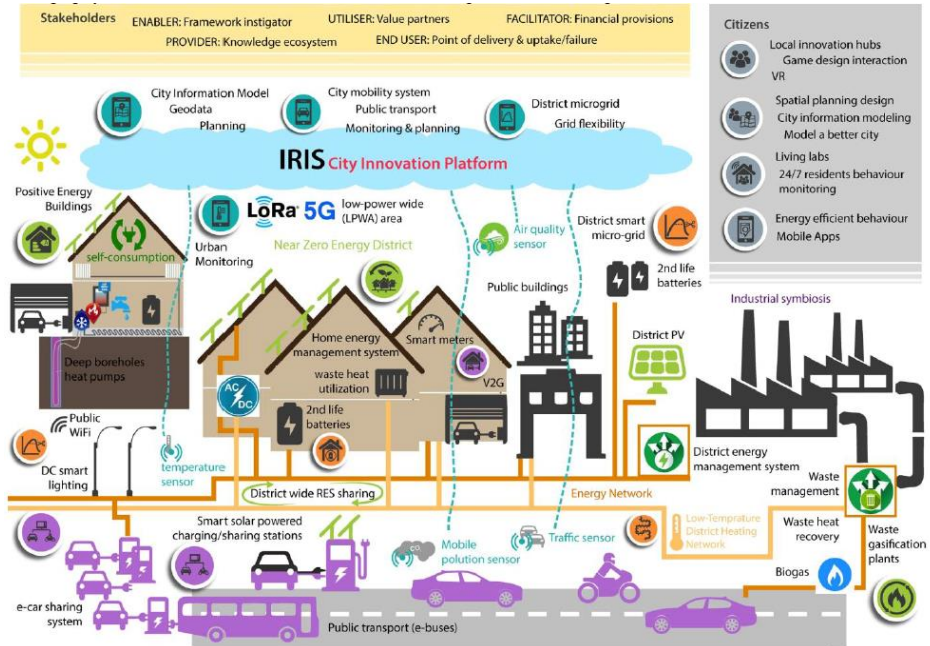
NEW
MOBILITY

European Lighthouse Iris

European project lighthouse cities Utrecht, Gothenburg, Nice

Smart energysystem and mobility in a network

650 social houses





Gemeente Utrecht

[Utrecht.nl](https://www.utrecht.nl)