Car sharing in Utrecht





The city nowadays: in general (2017)

Some facts:

- ·Utrecht: fourth largest city in the country
- · Expected number of inhabitants:

350,000 > half 2018 (in entire region ≈ 670,000)

400,000 > 2025

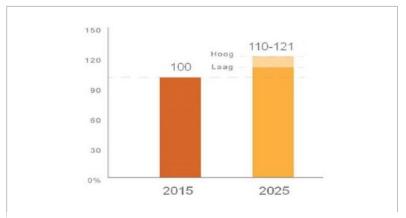
430,000 > 2040





Utrecht www all cycle

The city is growing – also in urban mobility ...









... within the same limited public space...









... so the use of public space is no longer in balance









Time for a new Sustainable Urban Mobility Plan for 2025



What are the choices we make?



How?

- Give way to pedestrians
- Give way to cyclists
- System change in public transport
- Shifting car traffic to the right routes
- Shared cars vs. private cars



Shared mobility!

Three Revolutions in Urban Transportation

Business-as-Usual Scenario

20th Century Technology

Through 2050, we continue to use vehicles with internal combustion engines at an increased rate, and use transit and shared vehicles at the current rate, as population and income grow over time.

2 Revolutions (2R) Scenario

Electrification + Automation

We embrace more technology. Electric vehicles become common by 2030, and automated electric vehicles become dominant by 2040. However, we continue our current embrace of single-occupancy vehicles, with even more car travel than in the BAU.

3 Revolutions (3R) Scenario

Electrification + Automation + Sharing

We take the embrace of technology in the 2R scenario and then maximize the use of shared vehicle trips. By 2030, there is widespread ride sharing, increased transit performance-with on-demand availabilityand strengthened infrastructure for walking and cycling, allowing maximum energy efficiency.







Number of Vehicles on the Road by 2050













4,600

megatonnes











0.5 billion

CO₂ Emissions by 2050



= 500 megatonnes of CO2







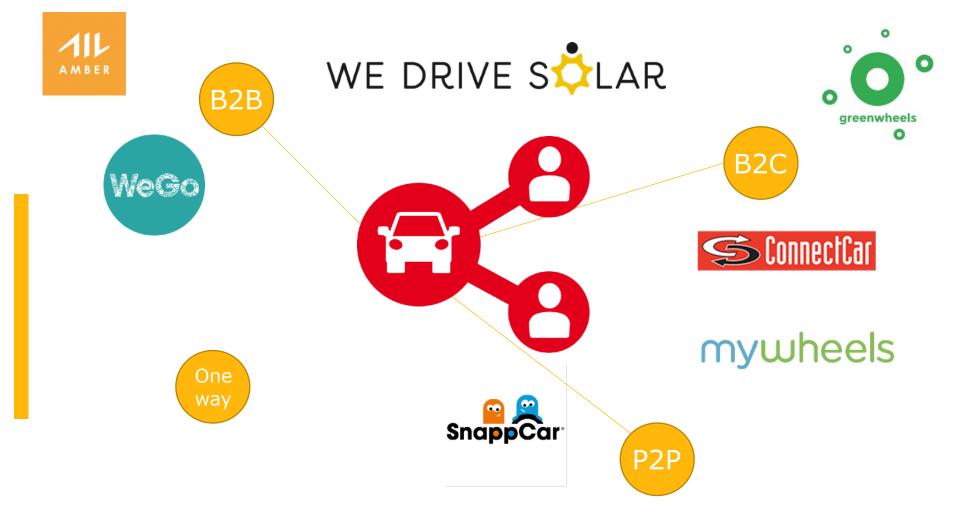




megatonnes

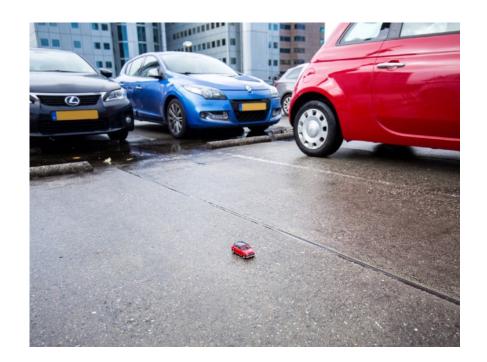
www.itdp.org





Why do we support car sharing?

- Private cars stand still 95% of the time
- They each use 12-14m2 of public space
- Shared cars are generally cleaner
- People who share cars use them less (>15-20%)
- Every shared car substitutes 3-15 private cars!



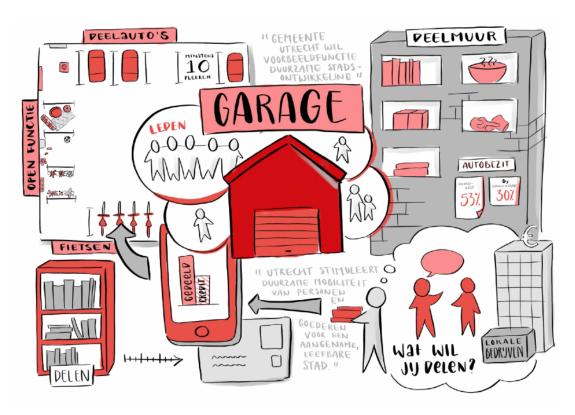
How do we support car sharing? (1)



How do we support car sharing? (2)



How do we support car sharing? (3)



How do we support car sharing? (4)



How do we support car sharing? (5)



How do we support car sharing? (5)

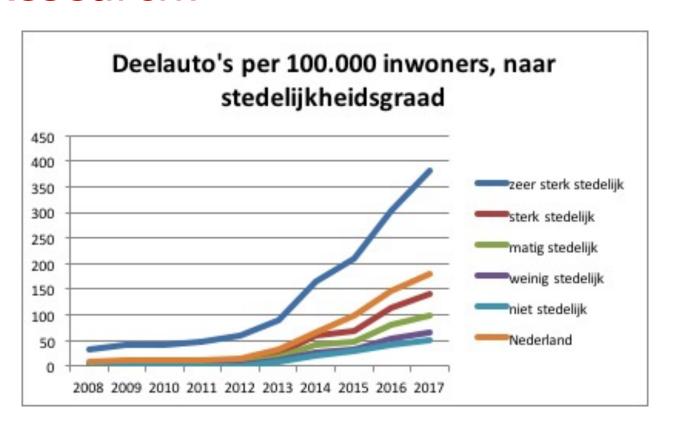


What can car sharing organizations do to help municipalities?

1. Green Deal Car Sharing



2. Research!



3. National Car Sharing Award

