

Dutch Cycling: For a Cycle-Friendly World

The Dutch Cycling Embassy is a vast network of public and private organizations from the Netherlands who wish to share their knowledge and expertise to help cities experience the many advantages of cycling.





- **Experience** the Dutch cycling culture first-hand
- Think about best possible solutions and achievable results
- Act by applying these solutions to your local context
- Learn more about effective policies and best practices

DCE Public-Private Partnership





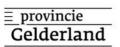


















































ARTGINEERING























































cazgo cycling





















CROW



















Gazelle ()



































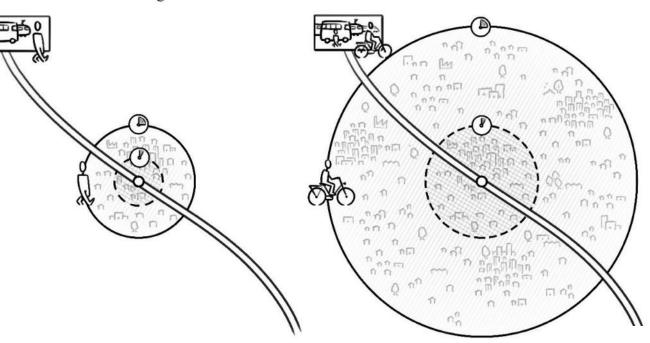




"THE BICYCLE IS NOT AN ALTERNATIVE TO THE CAR. NEITHER IS THE TRAIN. THE COMBINATION, THOUGH..." — MARCO TE BROMMELSTROET



Figure 1. Mechanism of increased catchment areas



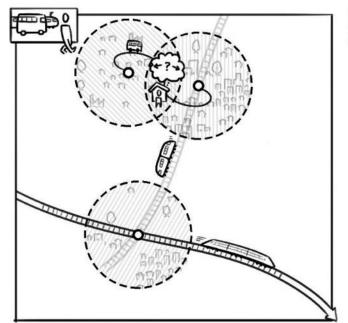


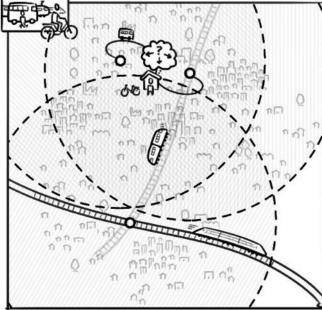
bit.ly/dcebiketrain

Figure 2. Mechanism of increased choice

How does integrating cycling and public transport improve regions? It increases:

- 1. Catchment areas
- 2. Station choice
- 3. Personalisation/customisation
- 4. Market base
- 5. Competitiveness of transit
- 6. Liveliness of public space
- 7. Agglomeration effects









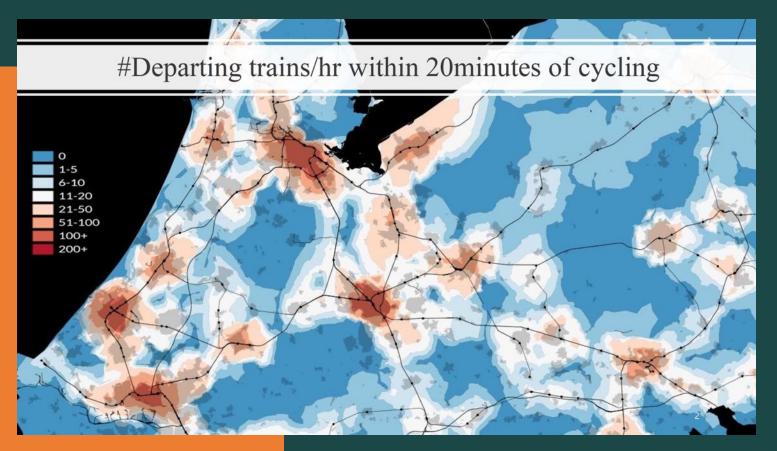






The Magical Bike-Train Combination: More Riders, More Cyclists, Fewer Cars





- Roughly HALF of all train journeys in the Netherlands begin with a bicycle ride to the station (approximately 650,000 journeys per day)
- Nearly a quarter ALL kilometers cycled in Dutch cities are to or from a station
- o 21% of bike-train trips replace car trips; 66% of bike-train users have access to a car but prefer not to use it
- o 20% of Dutch people live within one kilometer and 80% live within five kilometers of at least one station

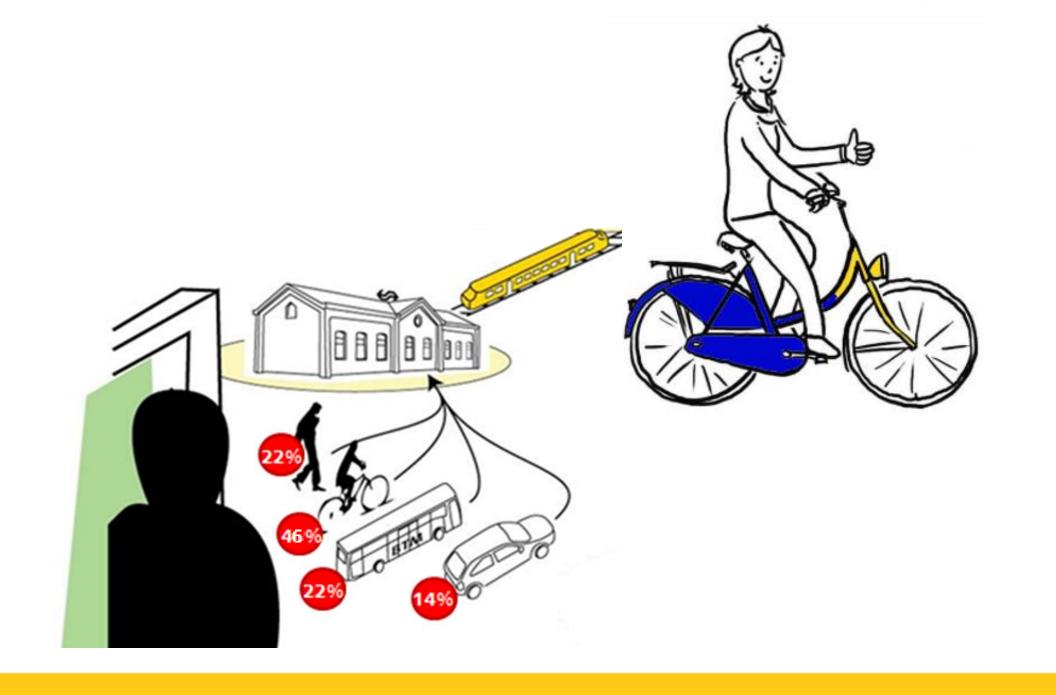


Introduction: Marise Bezema, NS Stations









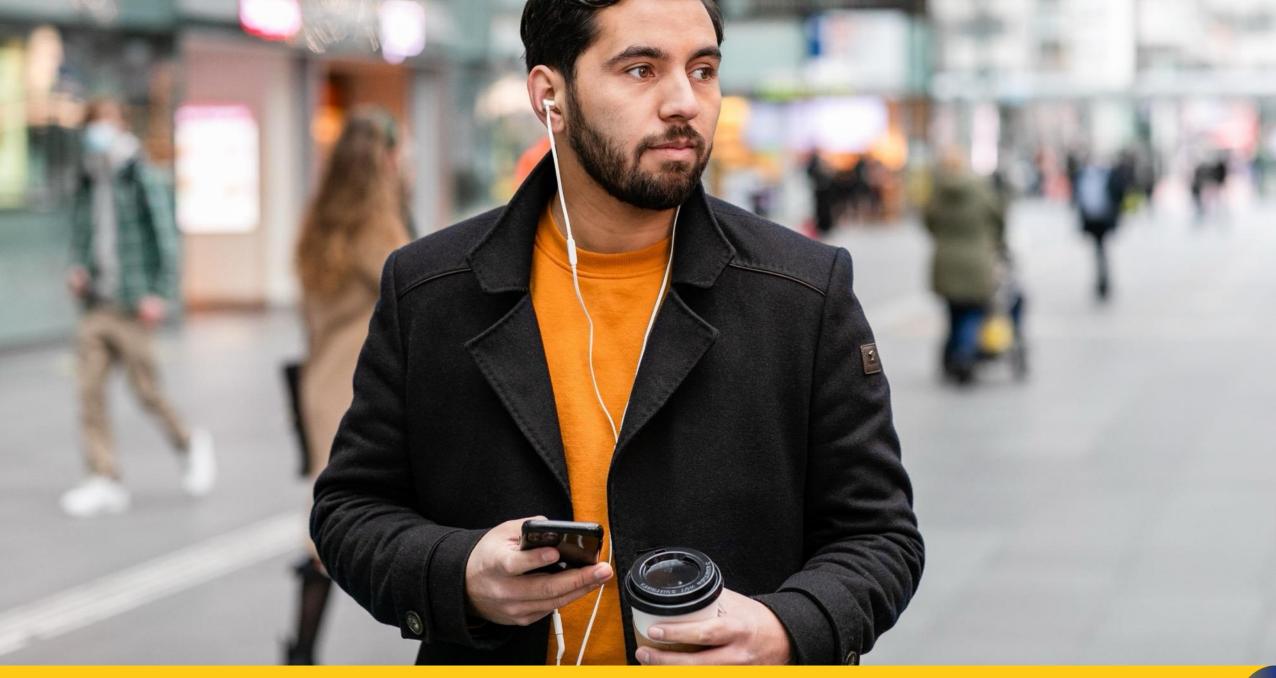






Providing a seamless trip

- Available
- Safe
- Affordable
- Easy to use





- Available at nearly 300 locations; mostly railway stations but also at bigger public transport hubs.
- The seamless trip pyramid also applies here: OV-Fiets present, available and easy to use.
- We have 26.000 bikes and in2023 travellers made 6,7 milliontrips
- Popular with travellers for their lastmile
- Less second bikes at destination
- Less demand for taking a bike into the train

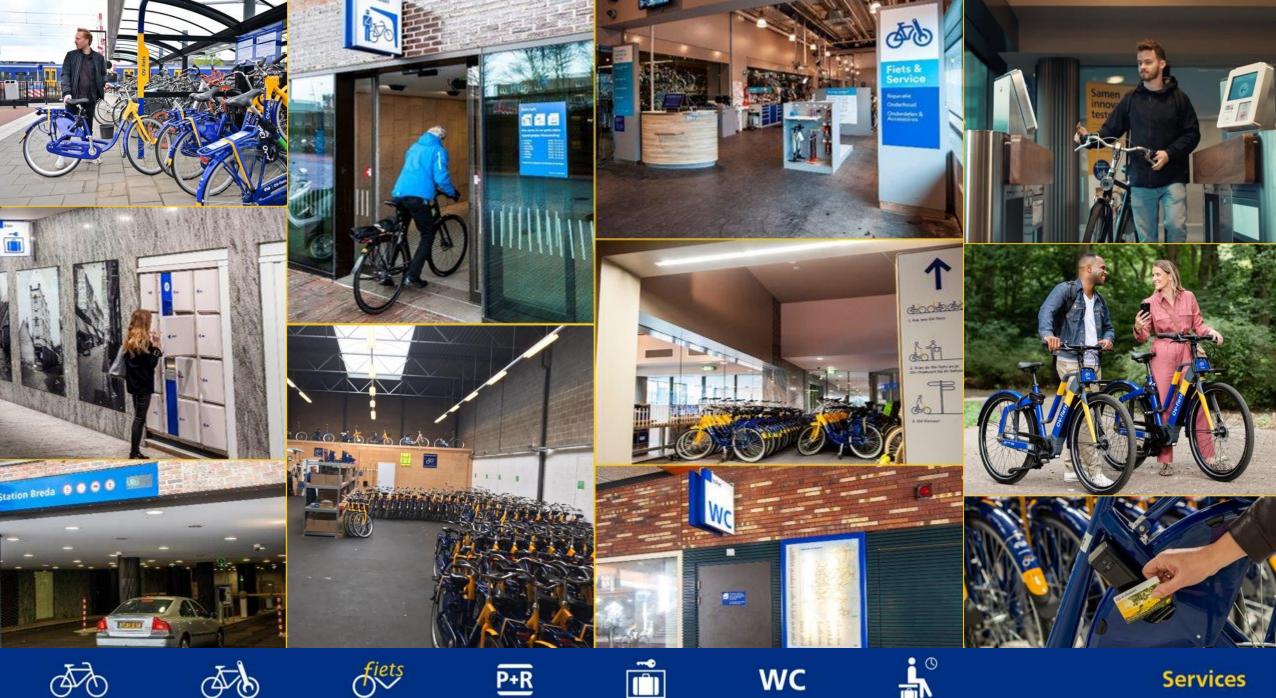
Operational excellence

Tailormade solutions per type of station:

- A guarded parking option with staff at the largest garages (#56)
- A guarded self service option for the midsize garages (#53)
- OV-Fiets for rent
- Bicycle repair shops (#33)

Uniform operation in our parking garages; standard processes for travellers, parking enforcement and safety.















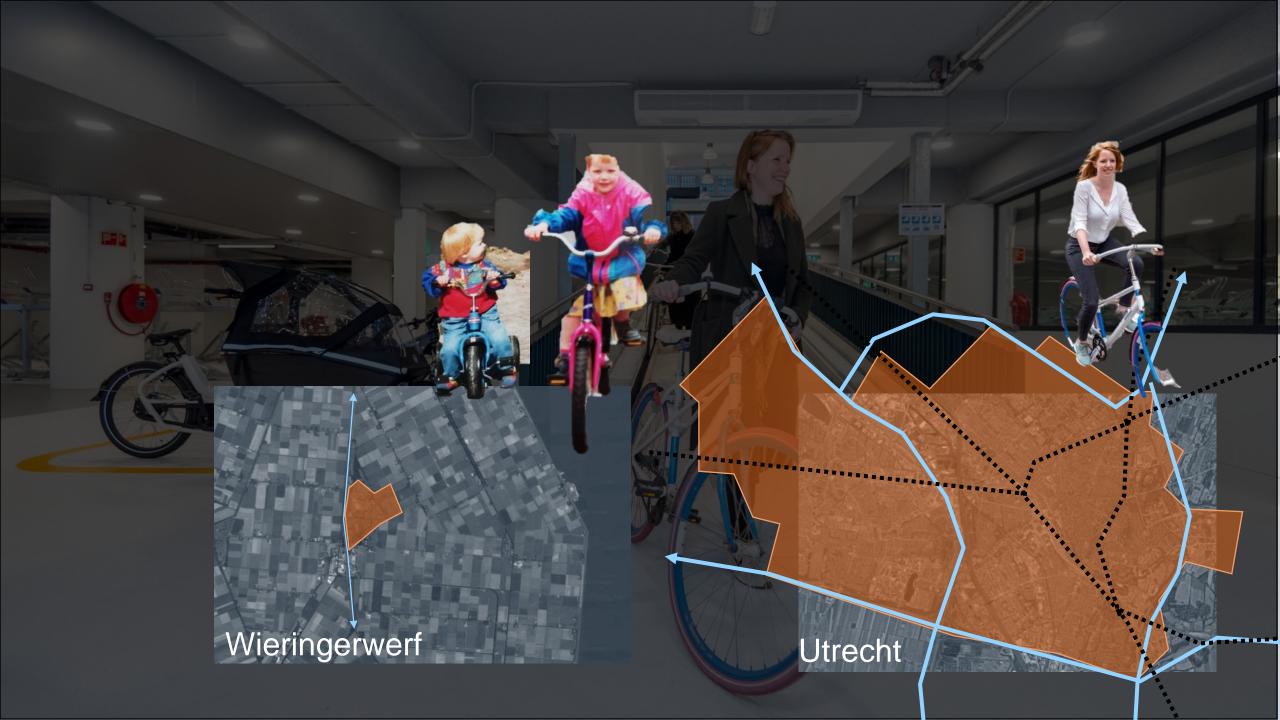


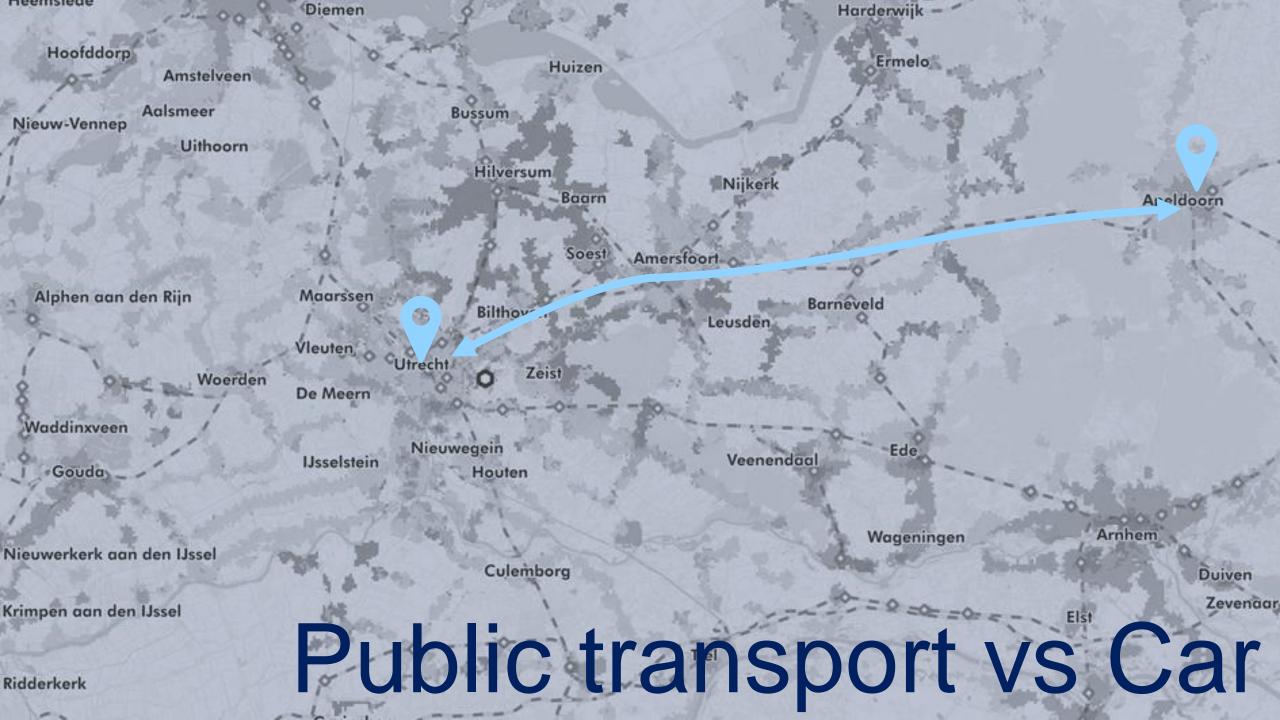


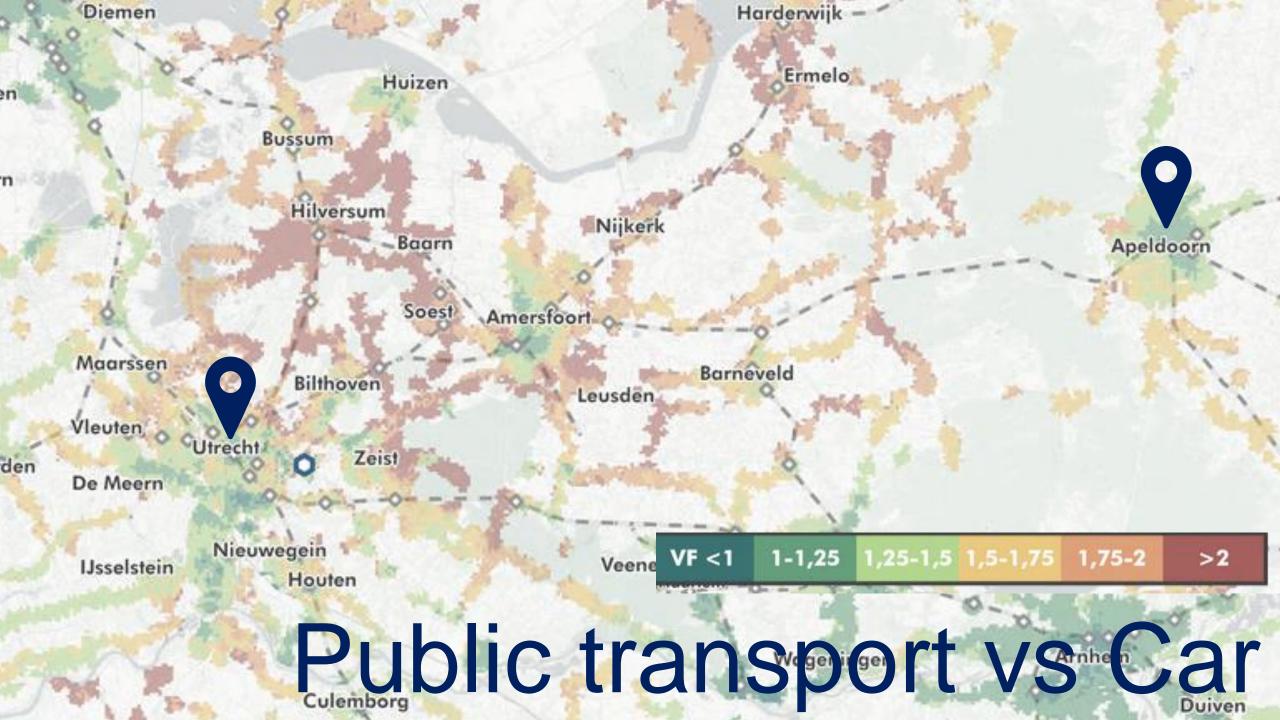
Questions?



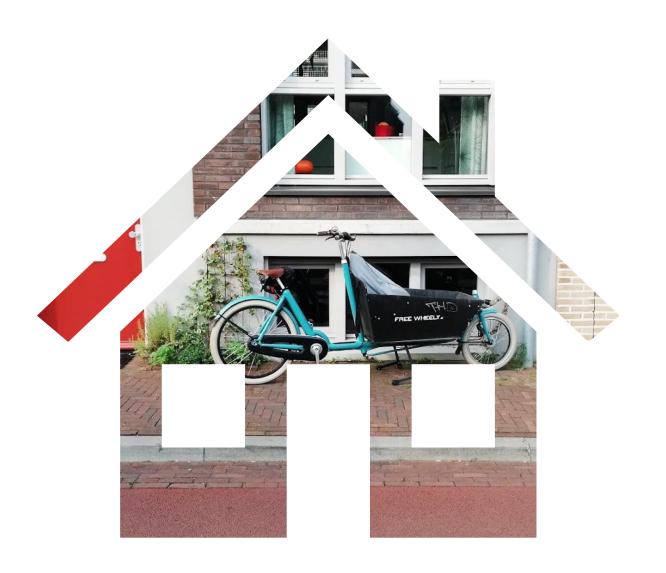












At the **origin** and destination you need space to park the bike





60%

20%









20%







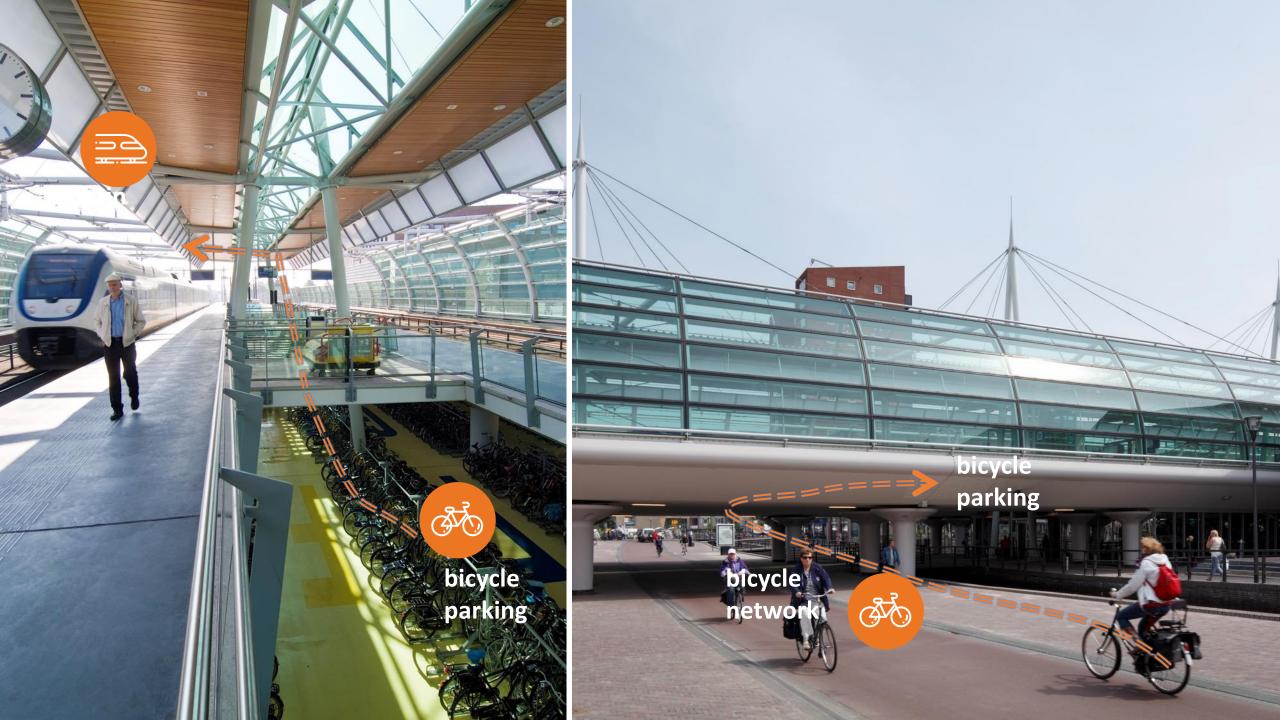




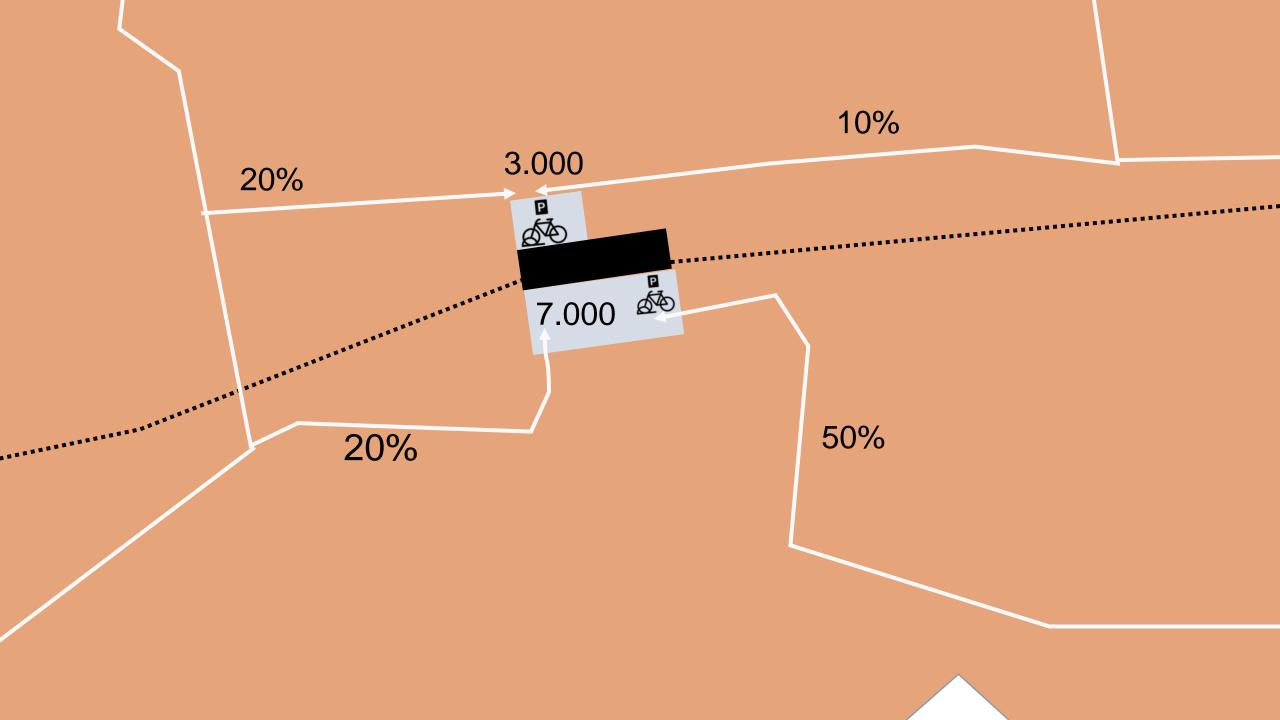


















Utrecht Central Station

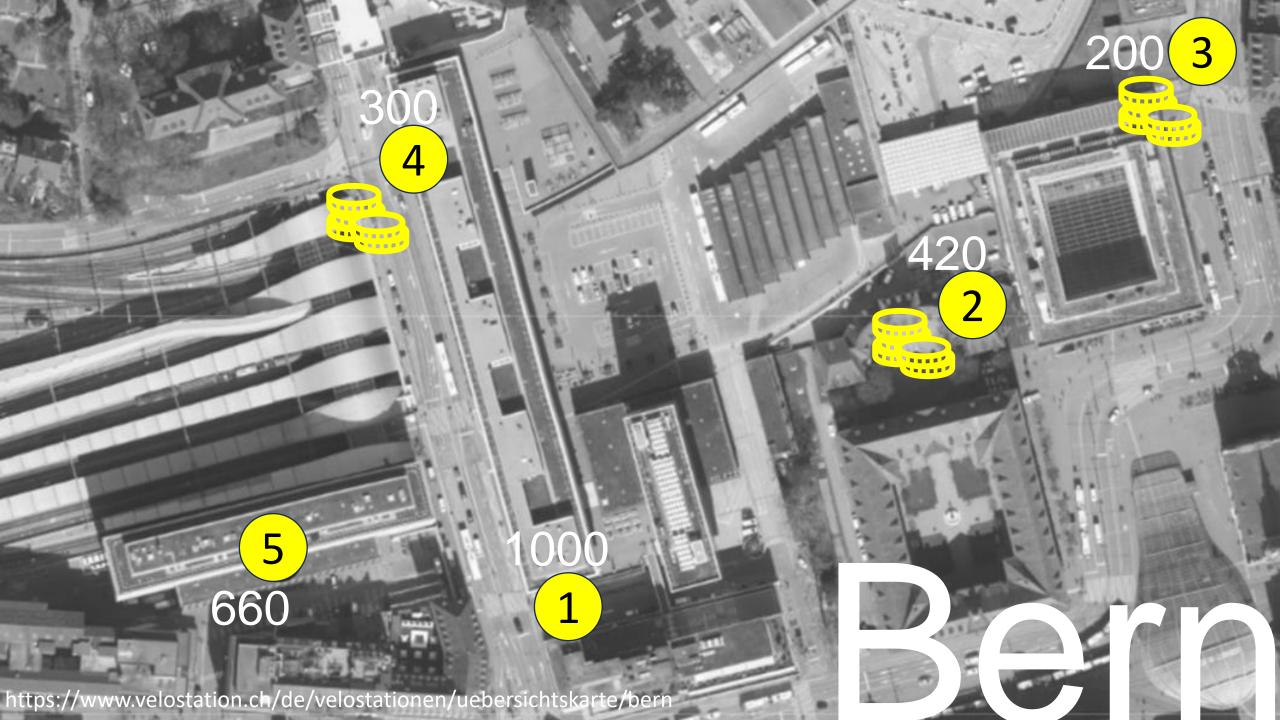














VC & HAUPT Thomas

https://www.velostation.ch/de/velostationenuebersichtskarte/bern







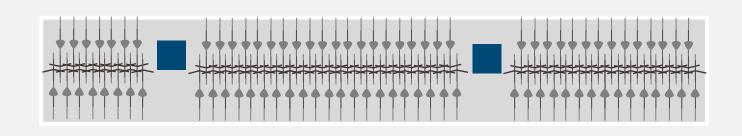


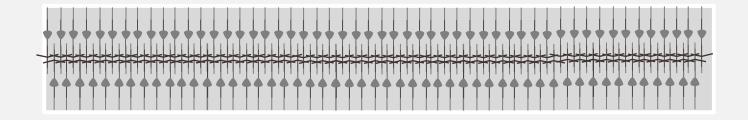


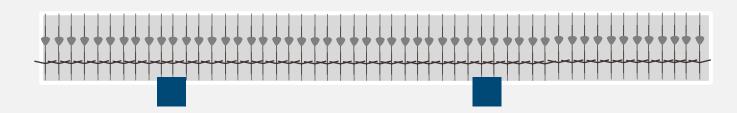










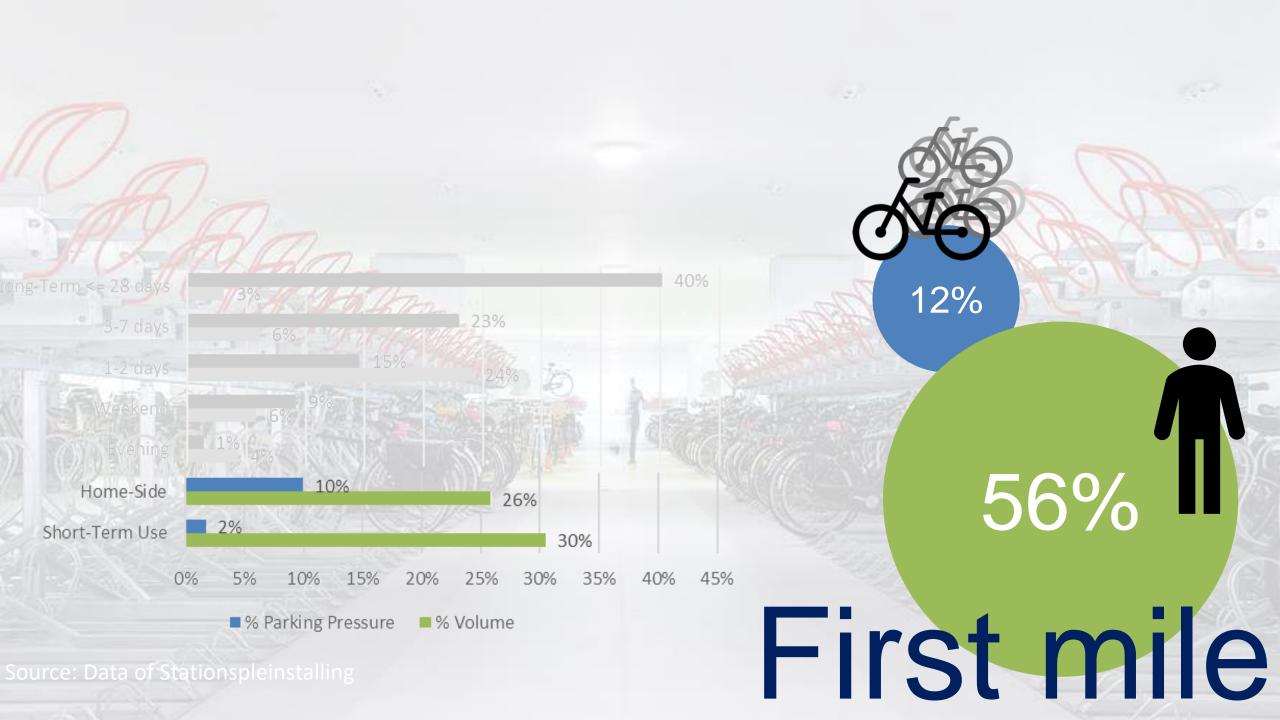


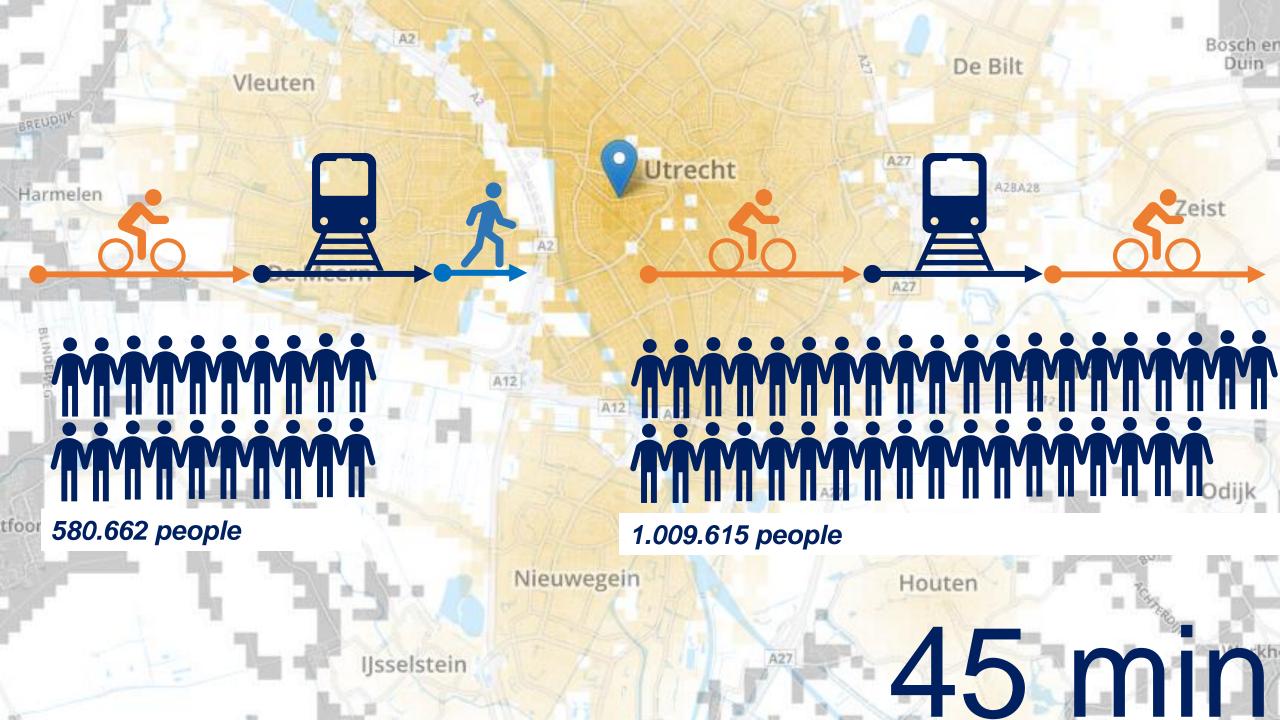
6 spots for cars















Road is closed...?

- + Or... The street is open?
- + How come we almost exclusively find such places (better: such recent transformations) within <u>cities</u>?









Urban transformation...

It only started 20-25 years ago, how about the next 25 years?

BikeTrainGuru heeft geretweet

Cycling Professor @fietsprofessor - 26 mei 2015

The argument that your city is not like Amsterdam is invalid. Neither was Amsterdam; it took long, radical effort

Vertaling weergeven

Urban Cycling Institute



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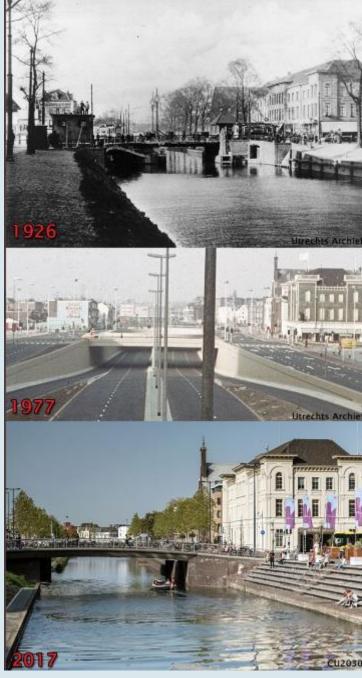












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Source: Jan Kamesnky in: https://decorrespondent.nl/12574/kijken-zo-kan-een-levensgevaarlijk-rotterdams-kruispunt-er-ook-uitzien 64



Transport innovation?

+ 'It's striking that 1918's Motor Car of the Future doesn't look - or operate - all that different in concept from the 2013' ~ NY Times, 2013



Space Required to Transport 48 People









Car









'Space required to transport 60 people by car, bus or bike' (Münster, 1990)

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Electric car's contribution to better (public) space...

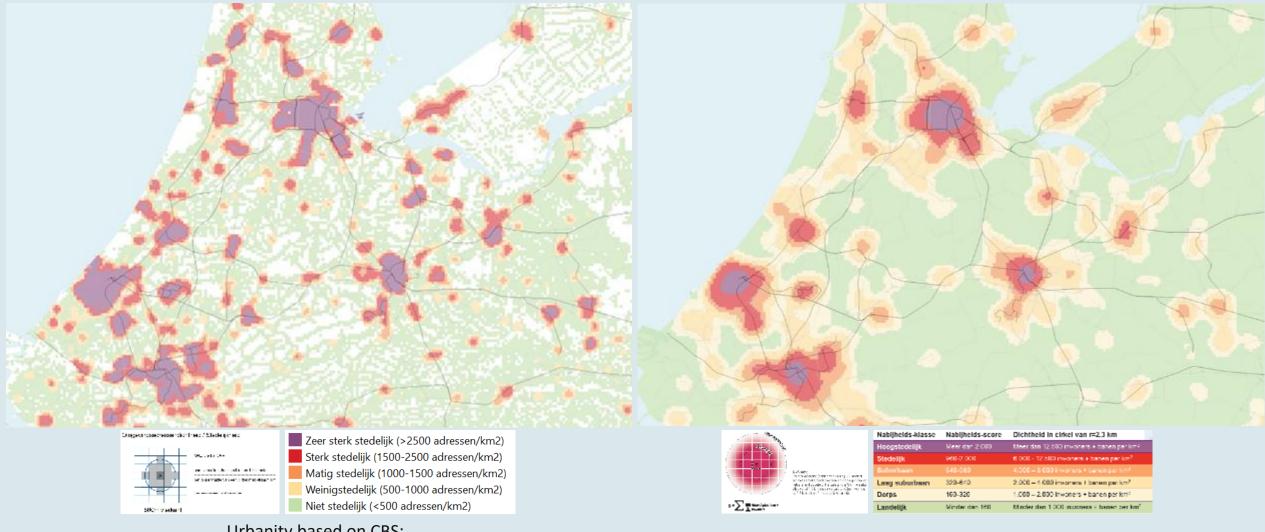




We don't need more asphalt, we need to redistribute the existing asphalt!



So.. other than in imaginated futures or religious battles, how is space distributed really?



Urbanity based on CBS:

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Urbanity based on Dashboard Verstedelijking: www.collegevanrijksadviseurs.nl/projecten/dashboard-verstedelijking

High correlation of travel behaviour with urbanity!

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Note: Percentages not adding to 100% because not all modalities shown

Source: CBS-Dutch National Travel Survey 2018+2019 (N = 316k trips door 94k resp.)

Modal split, based on urbanity of origin & destination

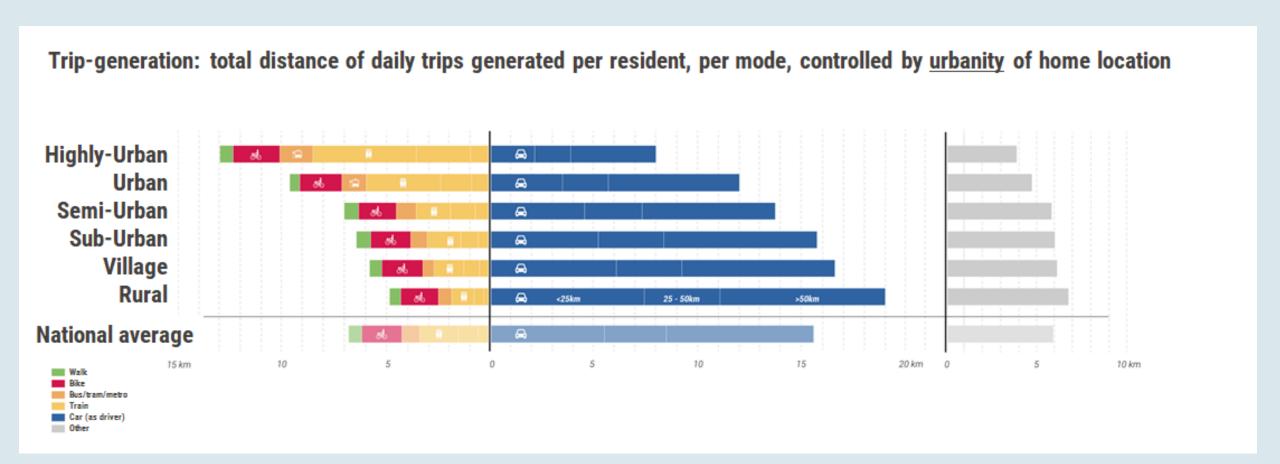
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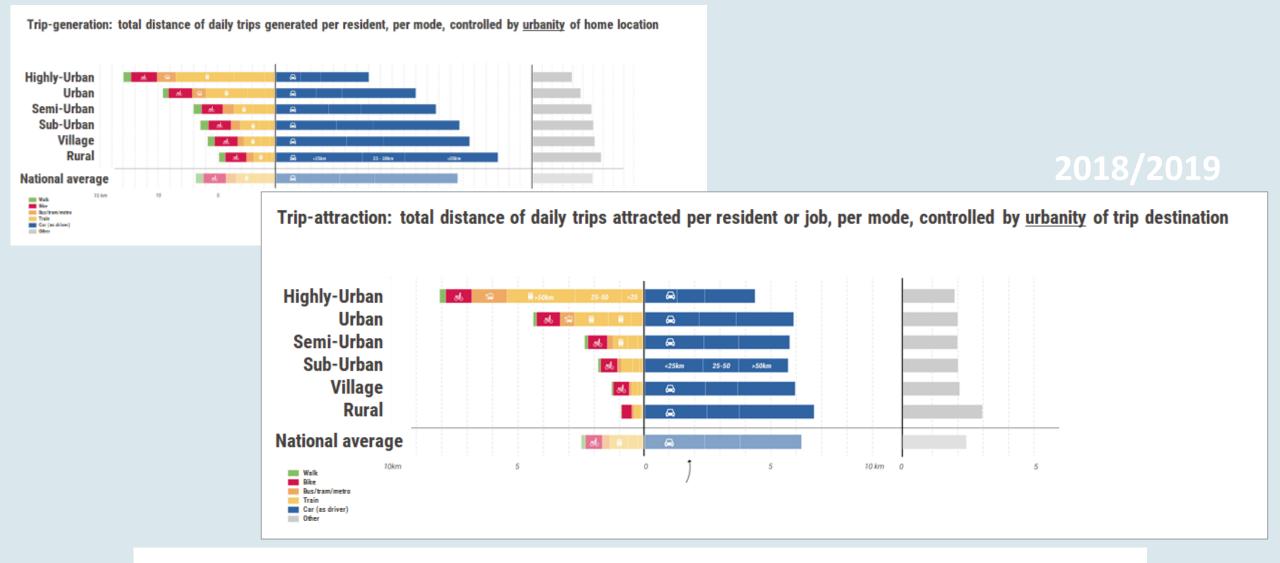
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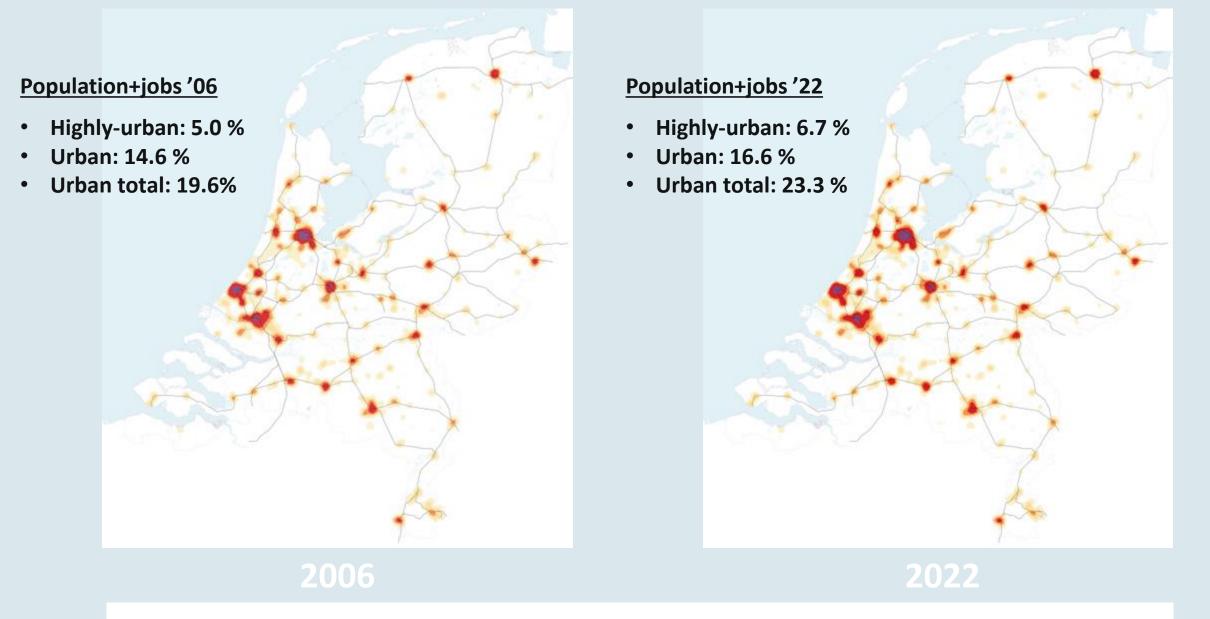


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Note 2: Not just modal split, also trends in #km/day



Note 3: Not just trends in trip generation also in trip attraction



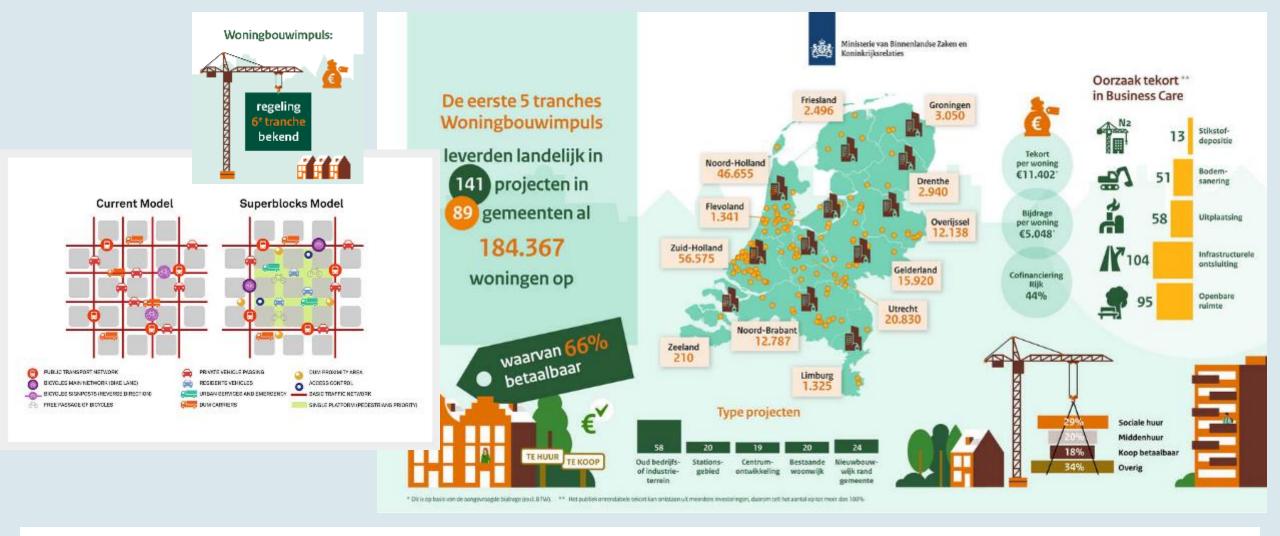
Note 4: Urban centres increasing in weight



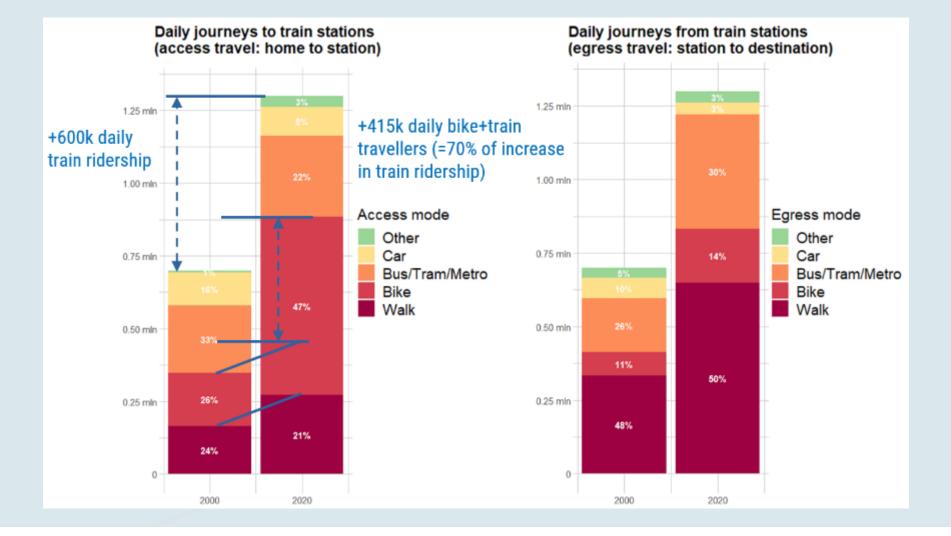
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Effects of rise of city for bike+train



When cities keep growing, and transforming, then bike+train needs to upscale further



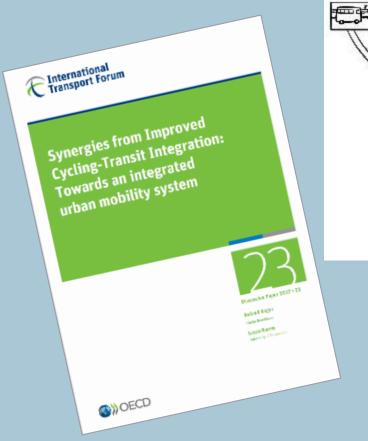
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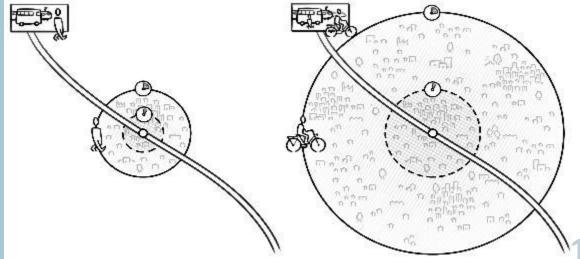




So... let's think about the future of bike+train, not just upscaling bike-parks, also transforming the concept

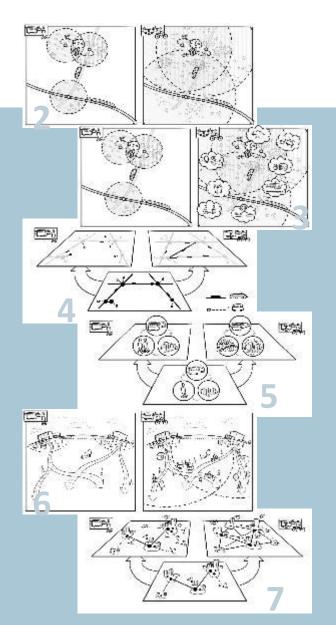
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STUDIO —— BEREIKBAAR





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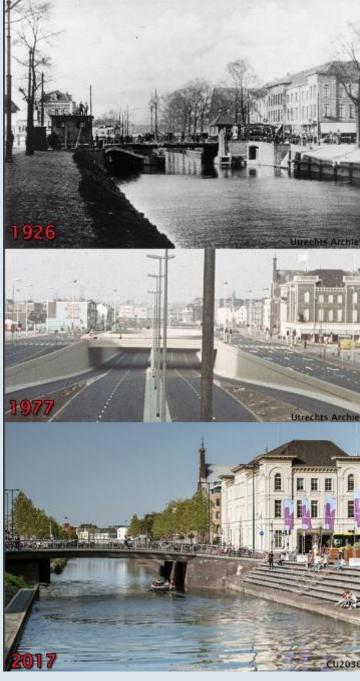












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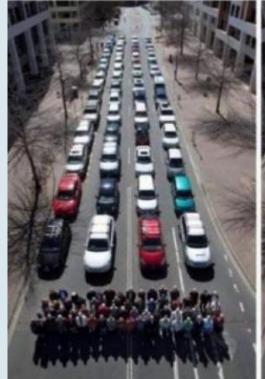


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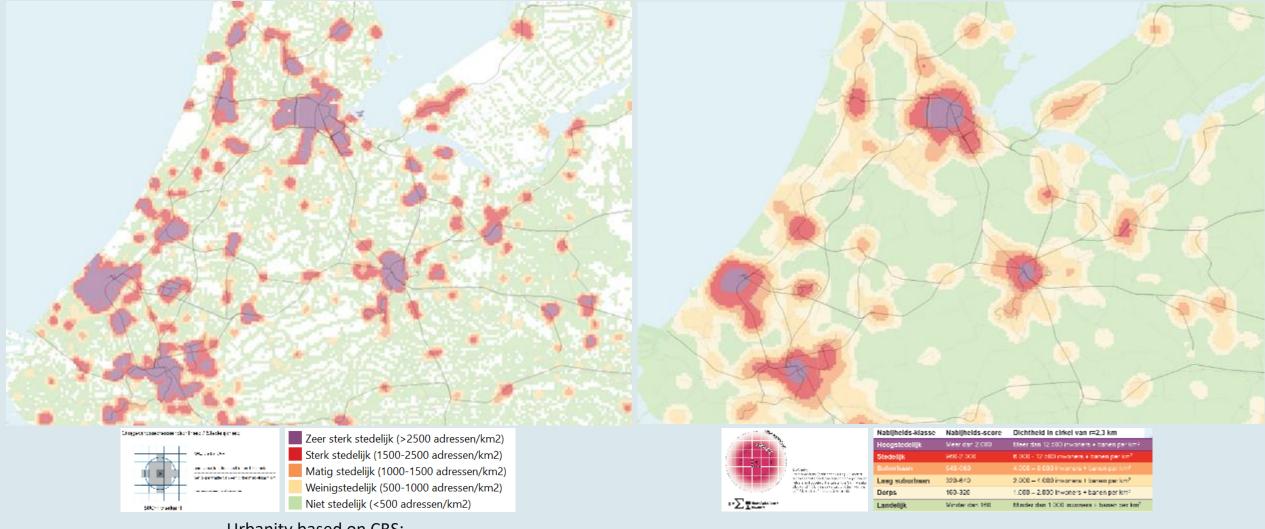




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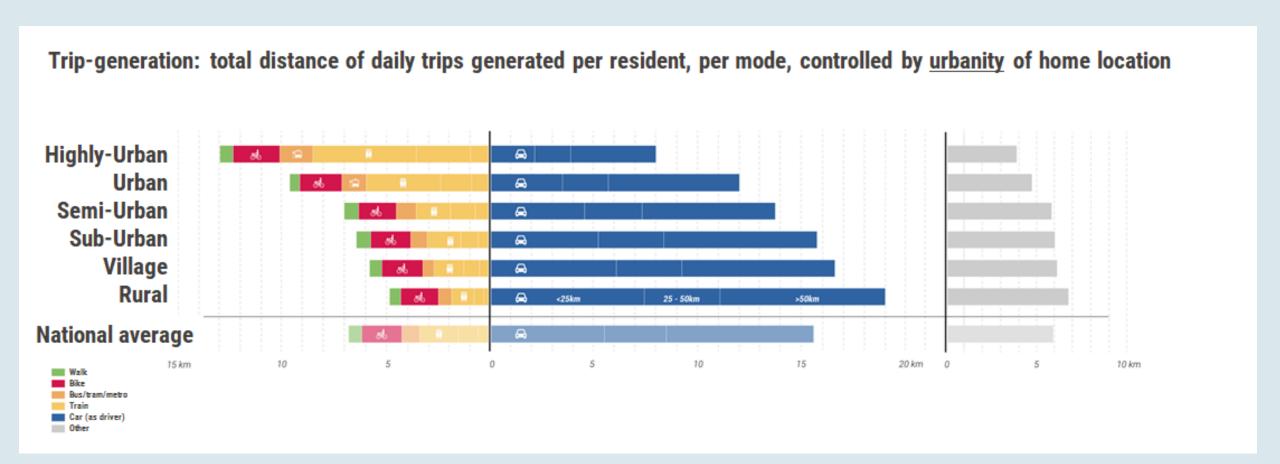
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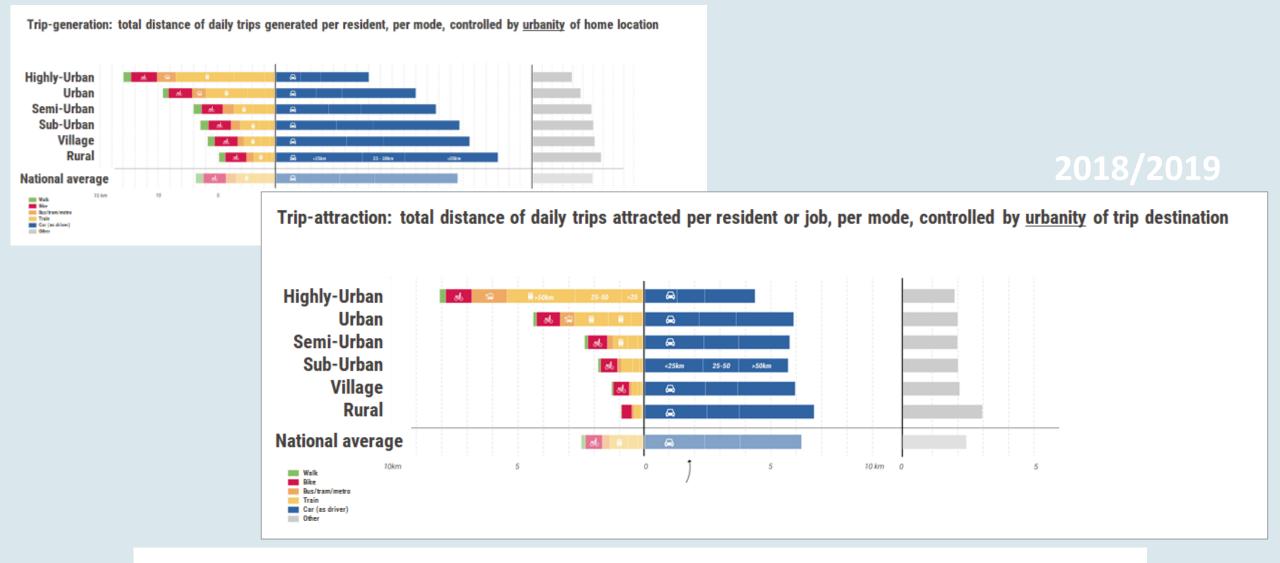
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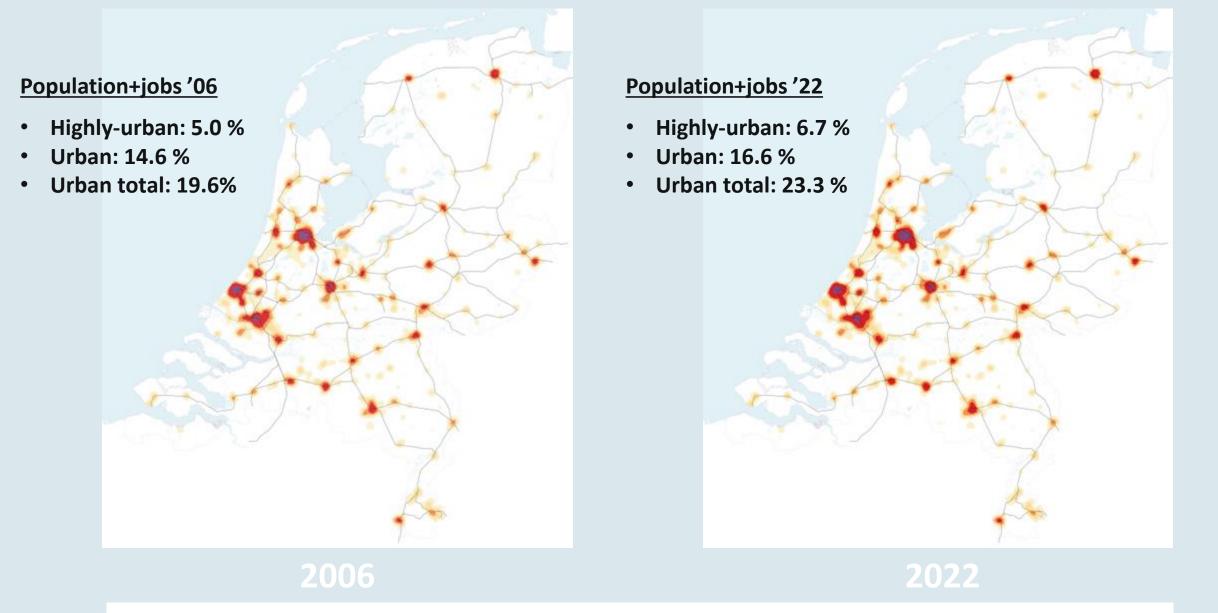


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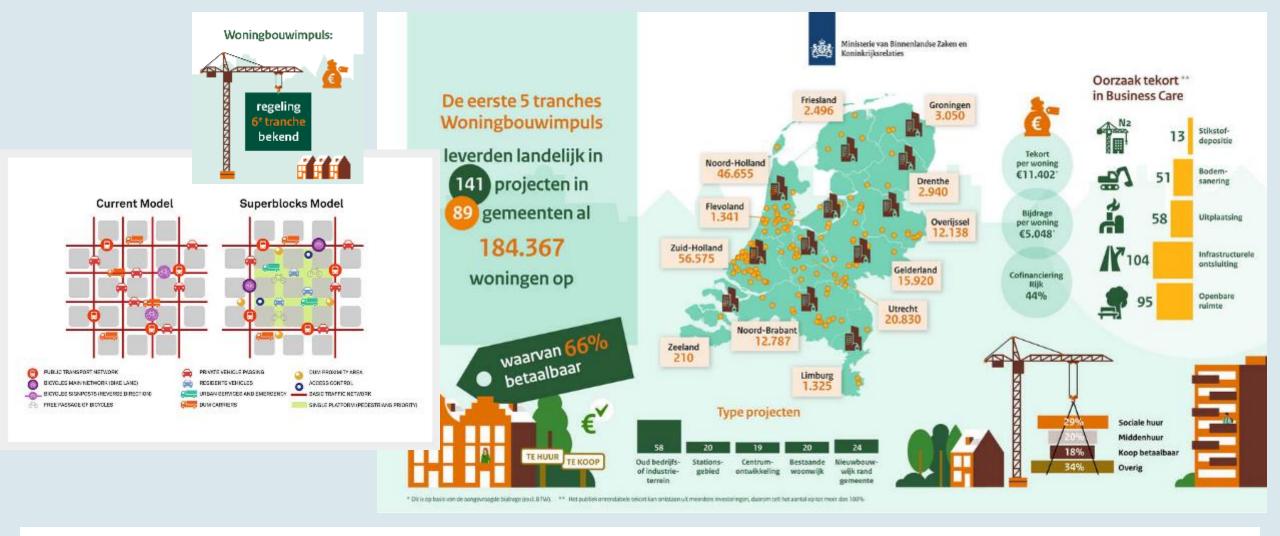
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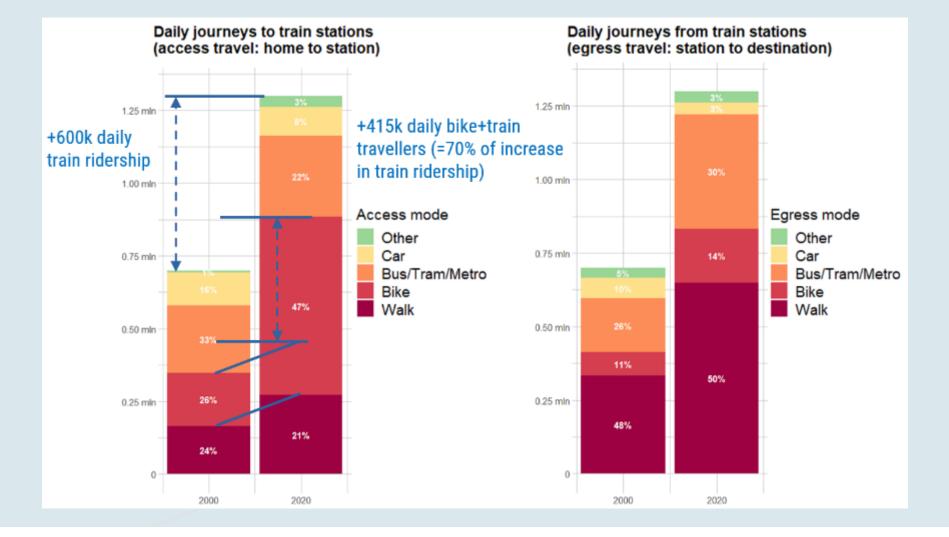
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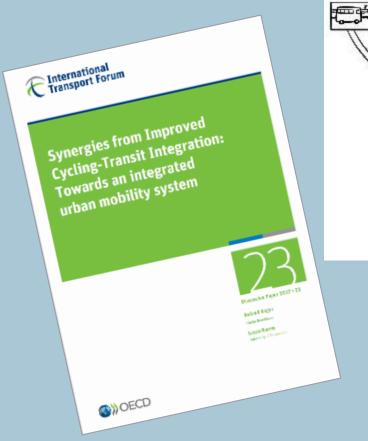
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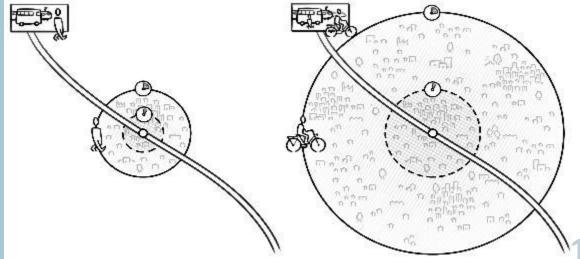




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