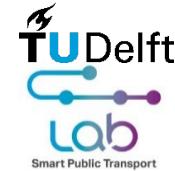


Niels_van_Oort



Insights into the bicycle+train combination: welcome on board!

Tessa Leferink
Jerom Marseille
Joeri van Mil
Niels van Oort

Meet the authors



Tessa Leferink

Witteveen + Bos



Joeri van Mil

AT OSBORNE



Jerom Marseille

AT OSBORNE



Niels van Oort

TU Delft
Lab
Smart Public Transport



Dutch weblog



Nieuw in de buurt en direct fan van de fiets+trein combinatie!

Gepubliceerd op 18 januari 2021

Tessa Leferink
Mobility Engineer at Witteveen+Bos | Co-creating spatial solutions for healthier and happier places and people

5 artikelen [✓ Volg ik](#)

De first mile in de schijnwerpers: Dé opstap naar duurzame mobiliteit

Gepubliceerd op 25 januari 2021

Jerom Marseille
Adviseur Mobiliteit en Duurzame Leefomgeving | AT Osborne Fiets+trein combinatie

2 artikelen [✓ Volg ik](#)

De kans van de fiets+trein combinatie

Gepubliceerd op 11 januari 2021

Jerom Marseille
Adviseur Mobiliteit en Duurzame Leefomgeving | AT Osborne Fiets+trein combinatie

Een vierdelige serie over de ins en outs van de fiets+trein combinatie in Nederland en hoe we de potentie hiervan volledig kunnen benutten. Door **Tessa Leferink, Jerom Marseille, Joeri van Mil** en **Niels van Oort**.

De druk op de ruimte in Nederland wordt steeds groter. Door de aanhoudende bevolkingsgroei en met name de groei van het aantal huishoudens zullen er in de komende jaren nog honderdduizenden woningen bijkomen. Mede hierdoor krijgen we te maken met steeds meer uitdagingen rondom duurzaamheid, leefbaarheid, gezondheid en het mobiliteitsverkeer. En of we na Corona nu meer gaan thuisonderduiken of niet, dat is zeker niet

Fietsen, fietsen en nog meer fietsen. Hoe pakken we de overvolle stallingen aan?

Gepubliceerd op 1 februari 2021

Joeri van Mil
Adviseur Mobiliteit en Infrastructuur bij AT Osborne

1 artikel [✓ Volg ik](#)

De kans voor fiets+trein: Dit is de eindbestemming van deze trein, u wordt allen echter verzocht niet uit te stappen.

Gepubliceerd op 8 februari 2021 [Artikel bewerken](#) [Statistieken weergeven](#)

Niels van Oort
Co-director Smart Public Transport Lab bij Technische Universiteit Delft

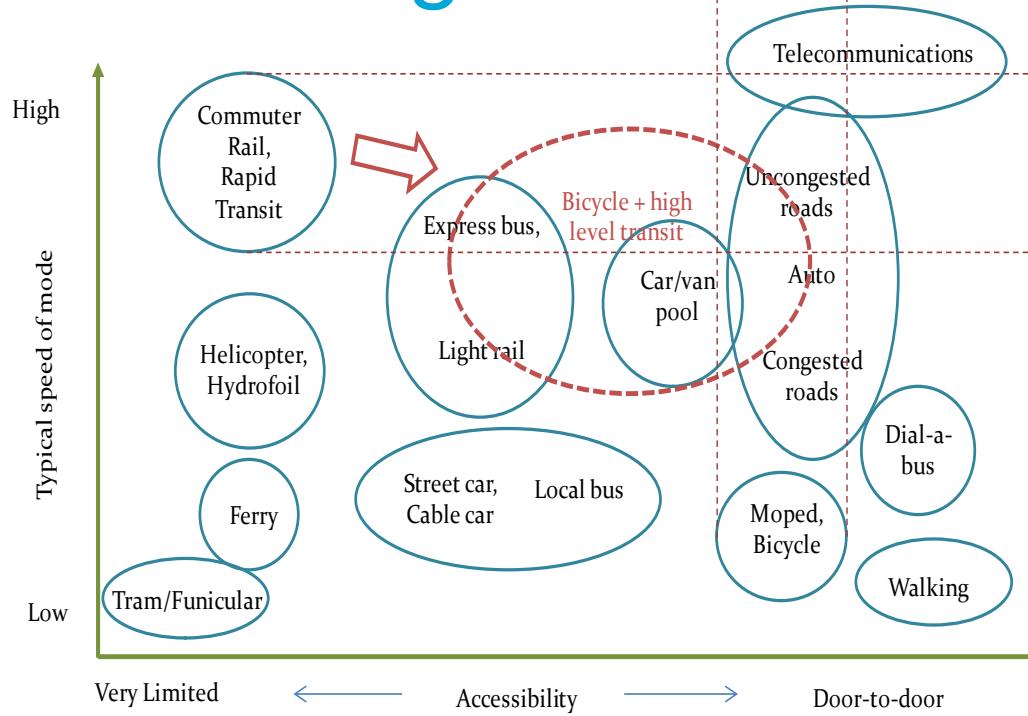
1 artikel

English edition

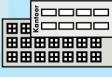
The screenshot shows the homepage of the Dutch Cycling Embassy. The header features the organization's logo (two stylized 'o' shapes) and the text "DUTCH CYCLING EMBASSY". The navigation menu includes links for HOME, ORGANIZATION, NETWORK, NEWS, PROJECTS, and CONTACT, along with language selection icons for English, Spanish, German, and Dutch. Below the header, a breadcrumb navigation shows the path: HOME > NEWS > BLOG > NIELS VAN OORT > THE BICYCLE-TRAIN COMBINATION: A TICKET TO SUCCESS. There is also a "Print" button. The main title of the article is "The Bicycle-Train Combination: A Ticket to Success". Below the title, it says "Blog Niels van Oort Tuesday, 29 June 2021 3140 Hits 0 Comments". The authors listed are "By Joeri van Mil, Jerom Marseille, Tessa Leferink and Niels van Oort". The first paragraph discusses the attractiveness and futureproof nature of cities using the bicycle-train combination. It mentions the pressure on cities to remain liveable due to urbanisation and population growth, and how this leads to challenges and opportunities for sustainability, health, air quality, and mobility systems. The second paragraph highlights the bicycle-train combination as a sustainable mode of transport, noting that 60% of Dutch people who combine their train trip with a bicycle trip do not have a car available. At the bottom, there is a diagram illustrating the journey from origin to destination via a private/public space, a train station, a transfer station, another train station, and finally a destination.

<https://www.dutchcycling.nl/en/news/blog/the-bicycle-train-combination-a-ticket-to-success>

Combining best of both worlds



[Kager et al. (2016), Shelat et al. (2017)]



Benefits



CONGESTION



CLIMATE



AIR QUALITY



HEALTH



SAFETY



SUBSIDIES



39 FACTORS IN 8 GROUPS



Culture & attitudes
towards cycling and
rail



Characteristics
cycle-rail users



Rail system



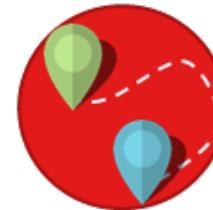
Train journey



Station typology



Region' s bikeability



Bicycle journey

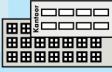


Competition of
other modes

What to do?



1. Urban planning
2. First mile
3. Station / parking
4. Last mile



6 building blocks for the bicycle-train system

Based on the EU's BiBi program

1. bicycle parking



2. public bicycle



3. collaboration

Bestuursakkoord

fietsparkeren bij stations

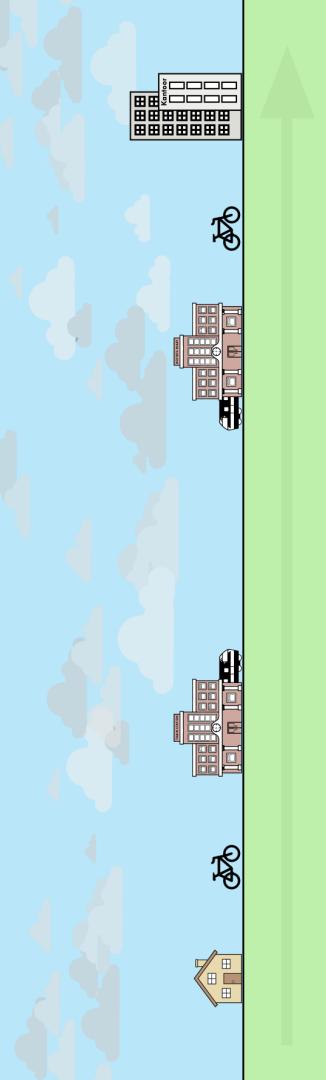
12 december 2016



4. integrated payment

5. positive communication

6. bicycle routes

A decorative vertical bar on the left side of the slide features a repeating pattern of small icons: buildings, a bicycle, and a house, arranged in a grid-like fashion.

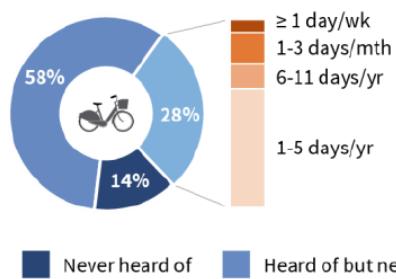
Some more tips

1. Know the target group -Enable trials

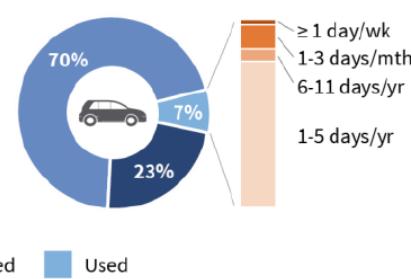
Trials



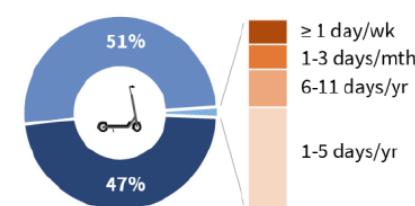
SHARED BIKE

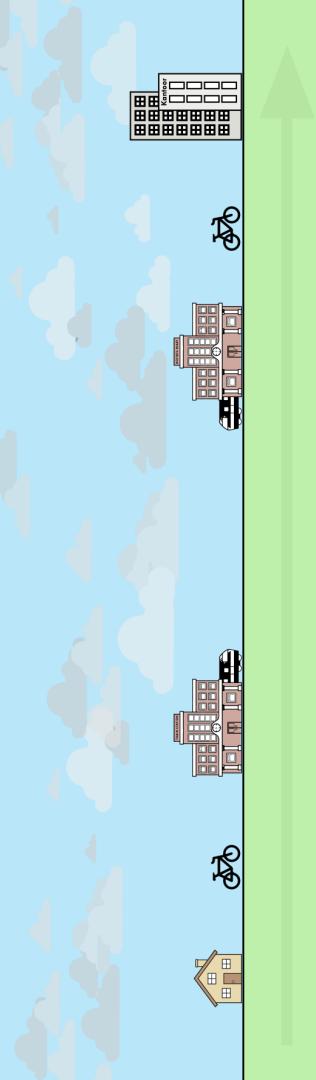


SHARED CAR



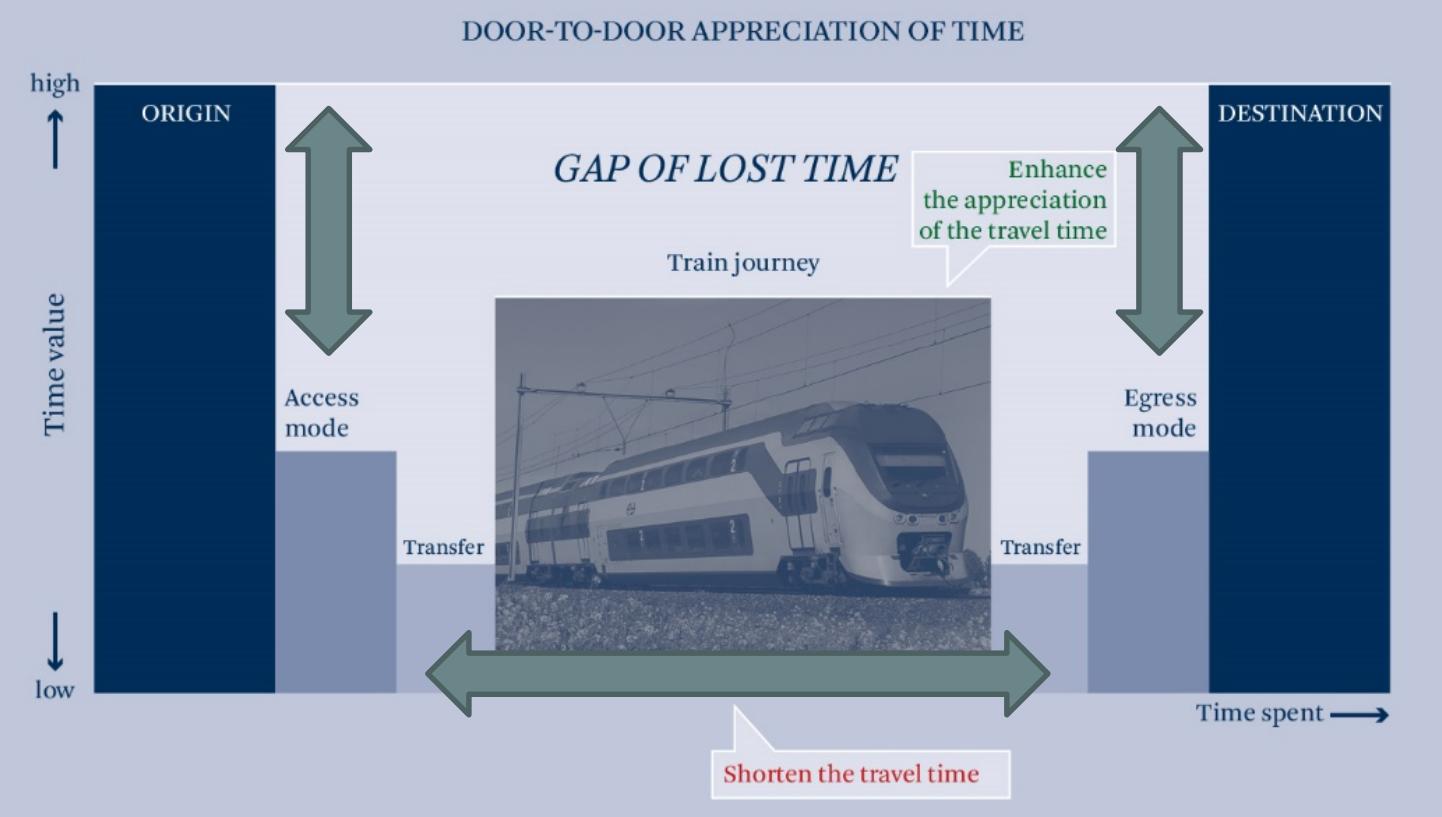
SHARED E-SCOOTER



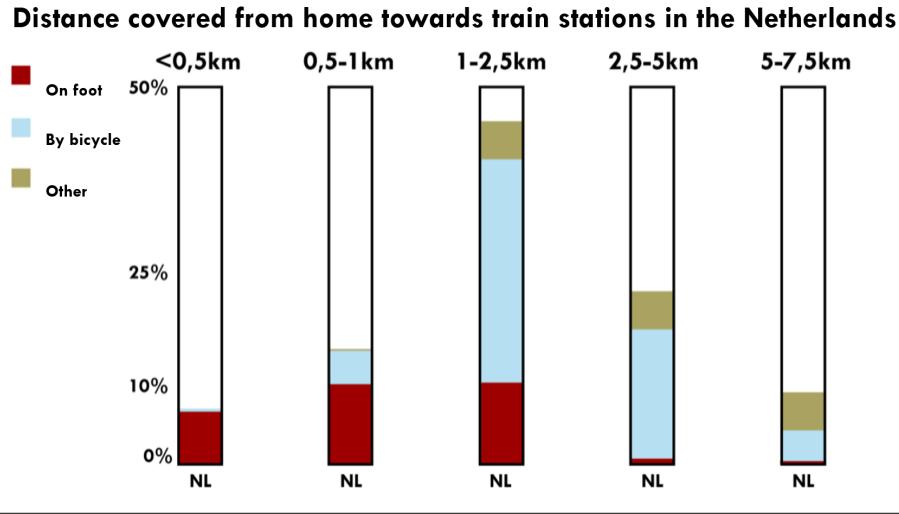
A decorative vertical bar on the left side of the slide features a repeating pattern of icons: a grey building, a green bicycle, a brown building, a grey bicycle, a brown building, a grey bicycle, and a small orange house.

Some more tips

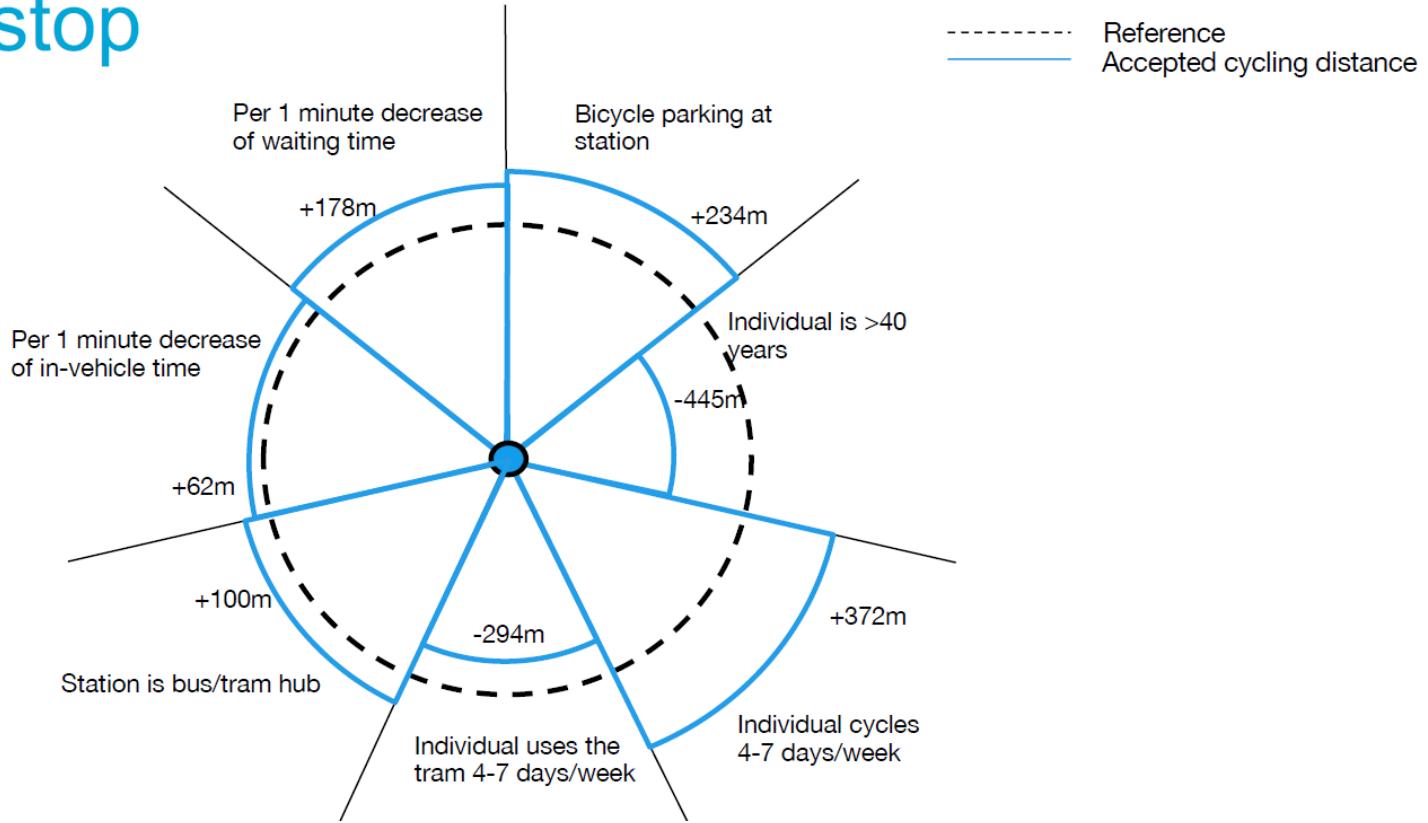
1. Know the target group -Enable trials
2. Improve the first mile and catchment area of stations/stops

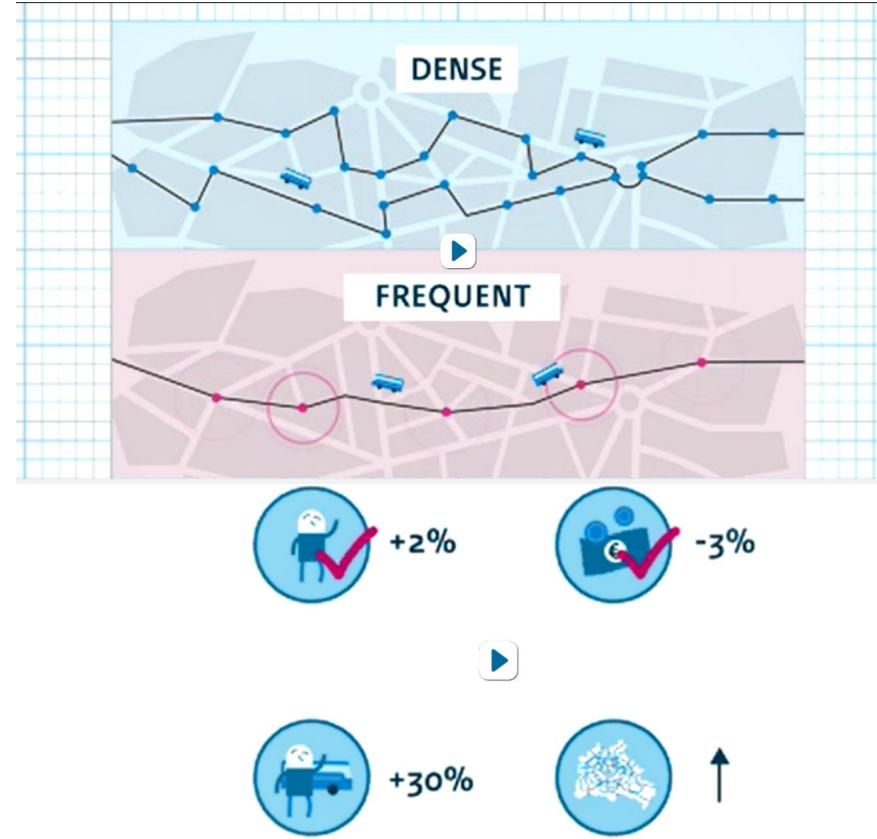
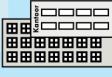


The first mile

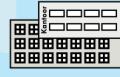


Willingness to cycle to a further tram stop





<https://english.kimnet.nl/publications/videos/2016/06/09/the-choice-of-the-passenger>



Some more tips

1. Know the target group -Enable trials
2. Improve the first mile and catchment area of stations/stops
3. Improve the last mile



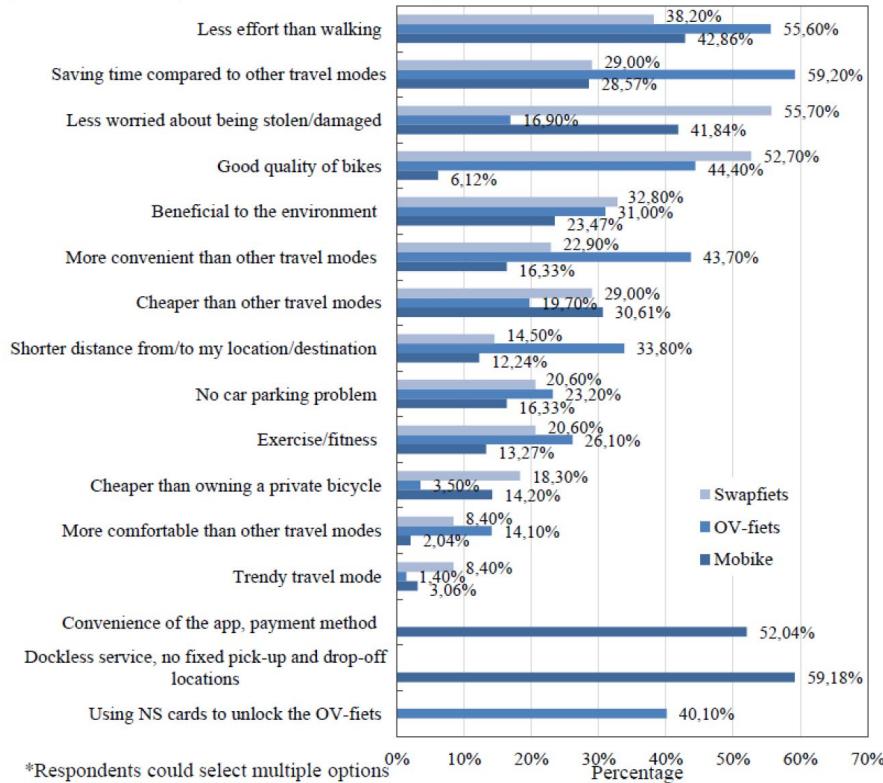
The last mile



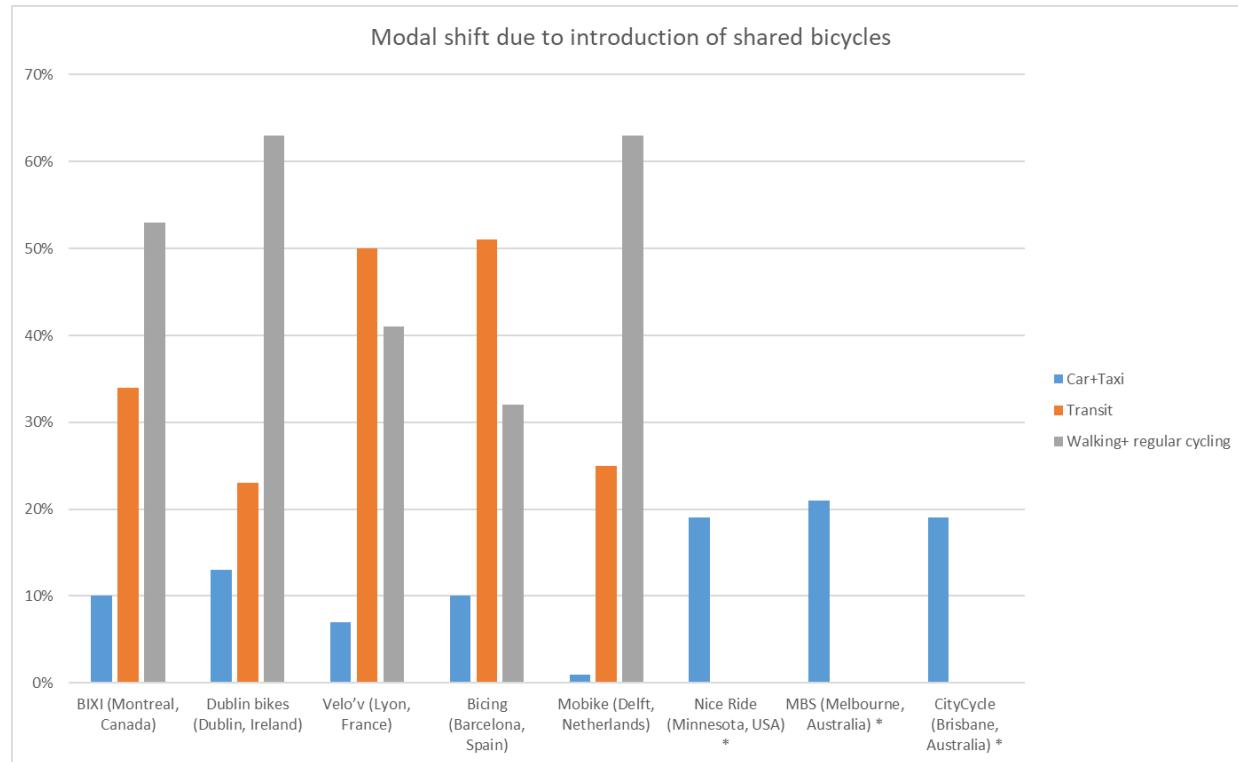
Author: G. Lemmens (Creative Commons License)

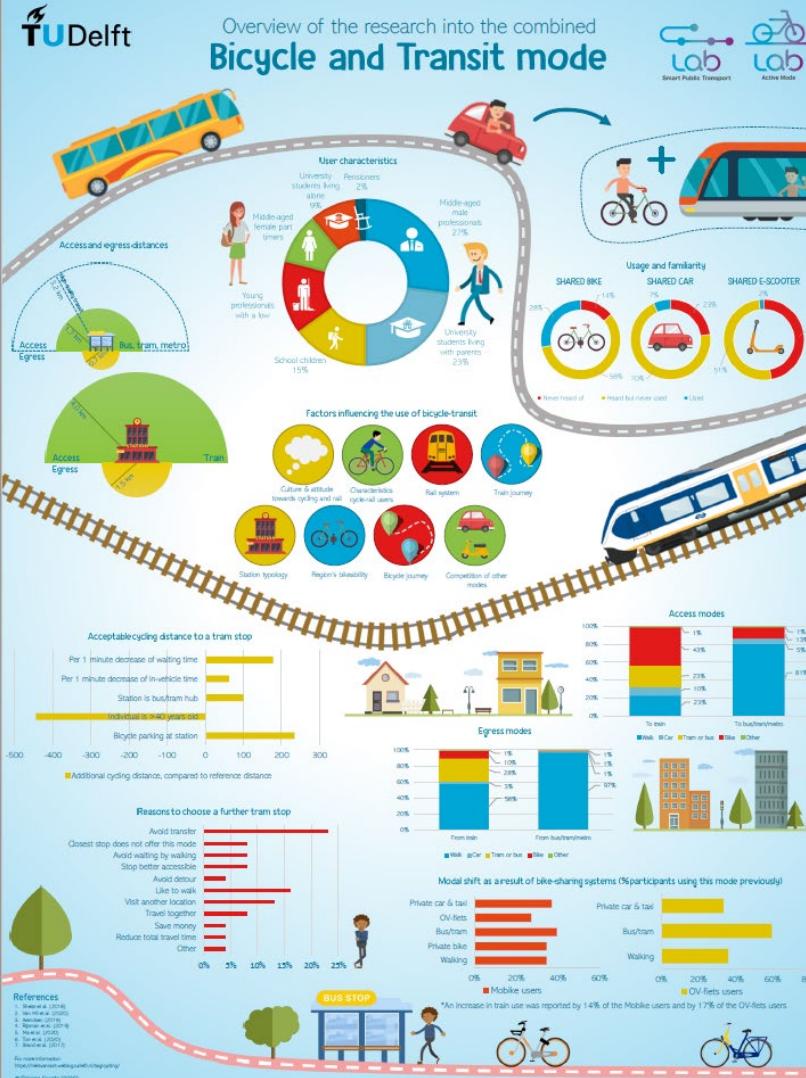


Reasons to use a shared bicycle



Modal shift





Research agenda

Supporting design and policy
by analytics and modelling

Bicycle+transit:
first and last mile

Shared bicycles: competition or complement to public transport?

[https://nielsvanoort.weblog.tudelft.nl/
overview-bicycletransit-research/](https://nielsvanoort.weblog.tudelft.nl/overview-bicycletransit-research/)

Contact

Tessa Leferink

Tessa.Leferink@witteveenbos.com



Jerom Marseille

Jerom.marseille@ATOsborne.nl



Joeri van Mil

Joeri.vanMil@ATOsborne.nl

Niels van Oort

N.vanOort@TUDelft.nl



[https://www.dutchcycling.nl/en/news/blog/
the-bicycle-train-combination-a-ticket-to-success](https://www.dutchcycling.nl/en/news/blog/the-bicycle-train-combination-a-ticket-to-success)