

# The next 30 years: planning cities and regions beyond mobility?



Luca Bertolini – University of Amsterdam

(<http://www.essen-fuer-das-ruhrgebiet.ruhr2010.de/en/home.html>)



**Planning beyond mobility: Why?**  
**Planning beyond mobility: What?**  
**Planning beyond mobility: How?**

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**Planning beyond mobility: How?**

**depletion of non-renewable  
energy sources, climate  
destabilizing carbon emissions, air  
and noise pollution, traffic  
accidents, congestion, lack of  
physical movement, disruption of  
local communities, degradation of  
public space, consumption of land,  
fragmentation of natural  
ecosystems, inequality ...**

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Building block #1:  
**convivial streets**  
(‘streets for people, not for traffic’)

On a normal day



As 'Living street'



'Leefkade' Hugo de Groot  
(photo: Luca Bertolini)



Building block #2:  
**accessibility by proximity**  
(accessibility by walking and cycling)

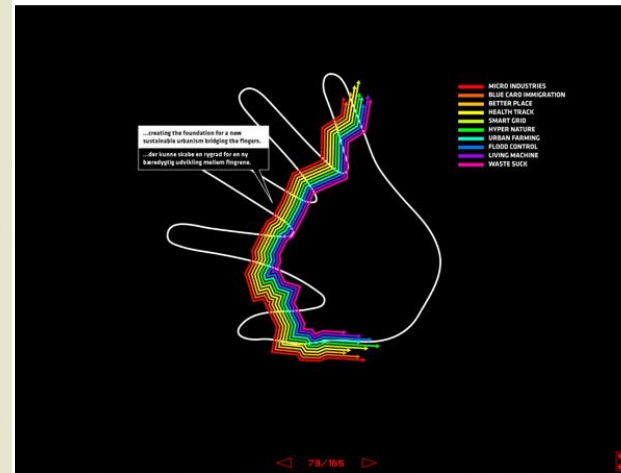
# Paris 15-minute city (Paris en Commun)



Building block #3:  
***diffused* Transit Oriented Development (TOD)**

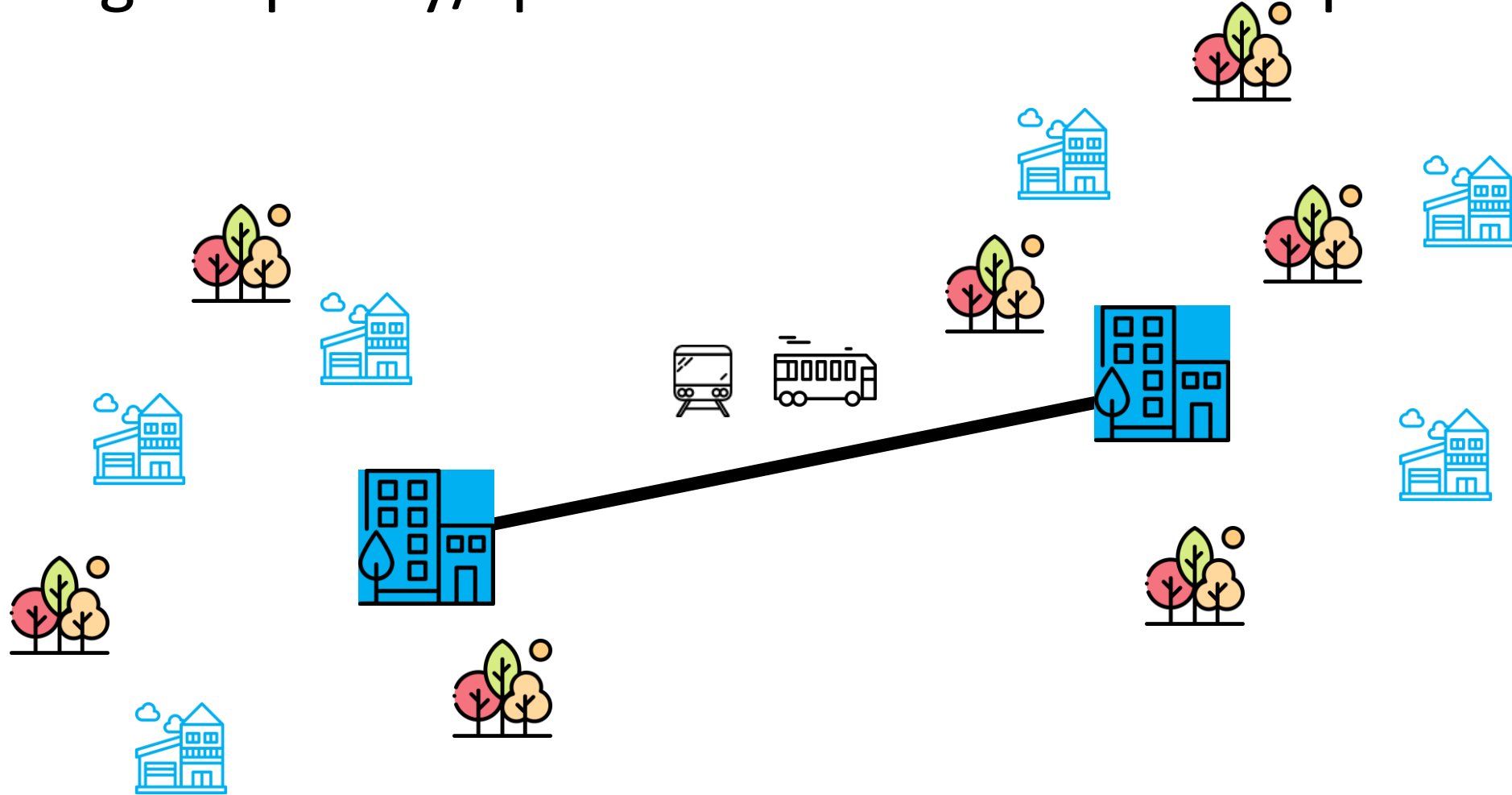


# Copenhagen 1947-2078

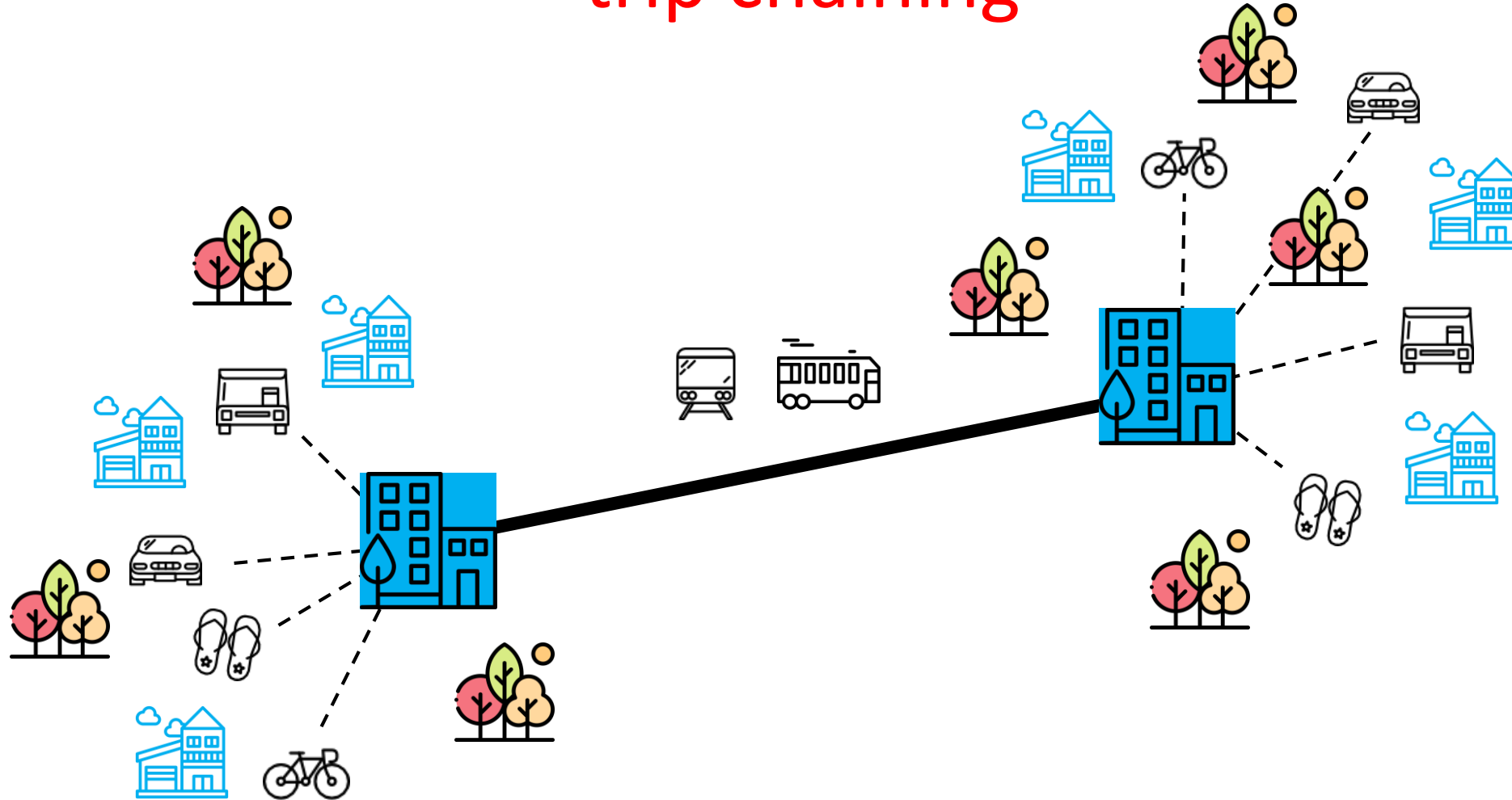


(Municipality of Copenhagen)

# Getting there, conventional TOD: high capacity/speed PT and nodal developments



# Getting there, beyond the core: trip chaining



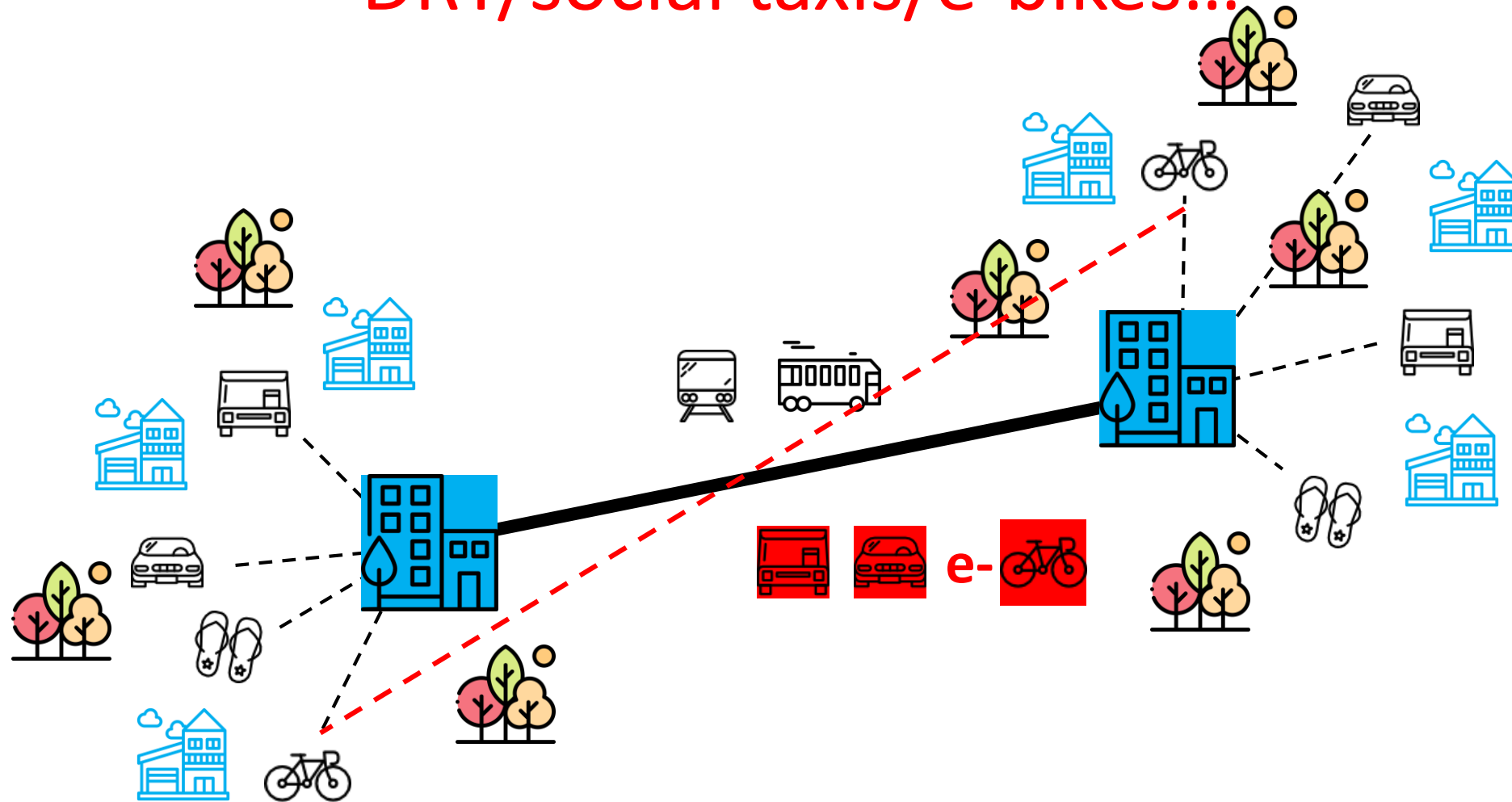


In the NL, 4 out of 10 comes to the station by bike



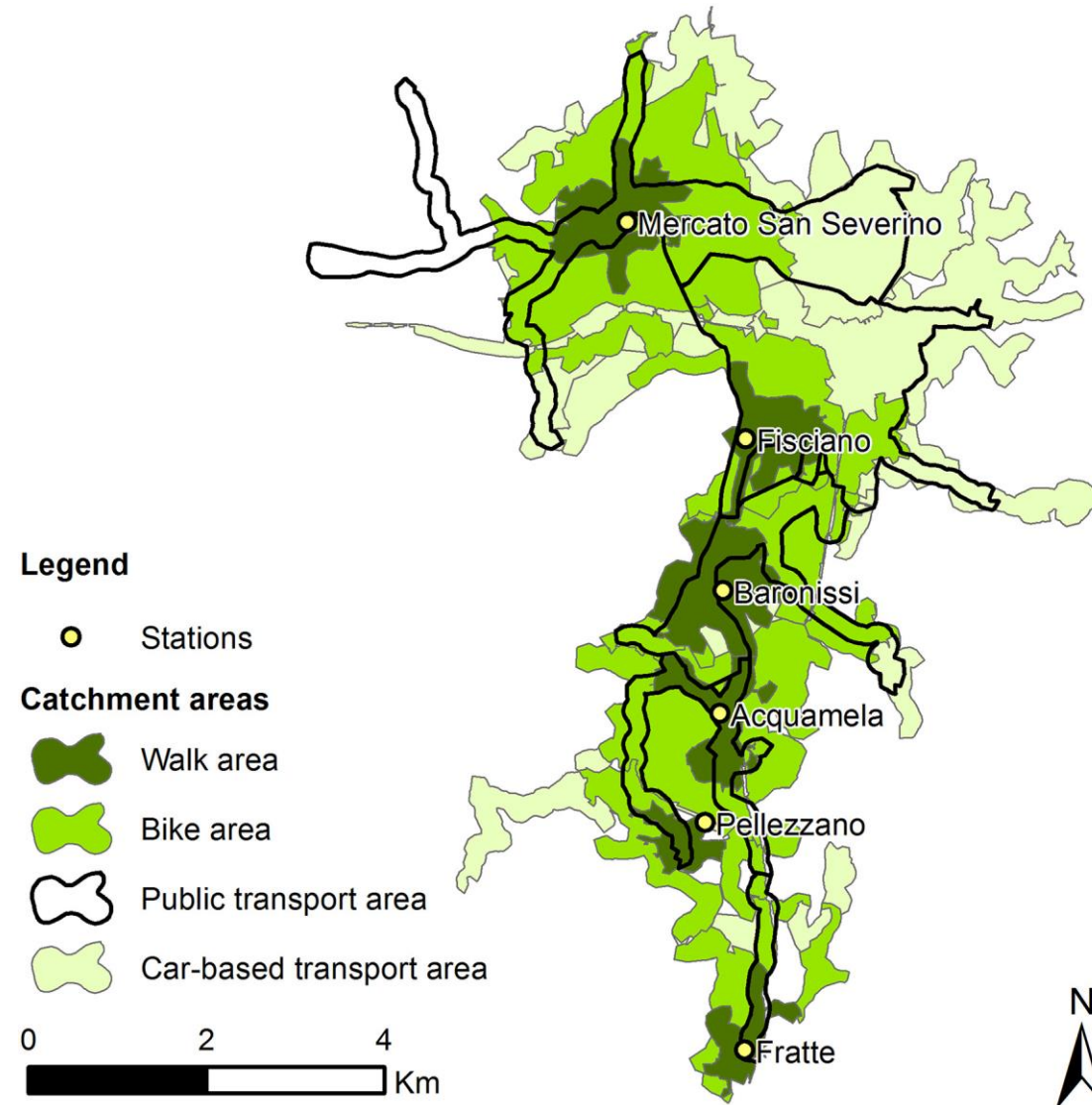


## DRT/social taxis/e-bikes...



(icons by dariusdan on [www.flaticon.com](http://www.flaticon.com))

# Getting there, beyond the core: expanded catchment areas



Nigro et al. (2019)





Research  
Contact

Training

People

TOD Events

TOD Talks

Output



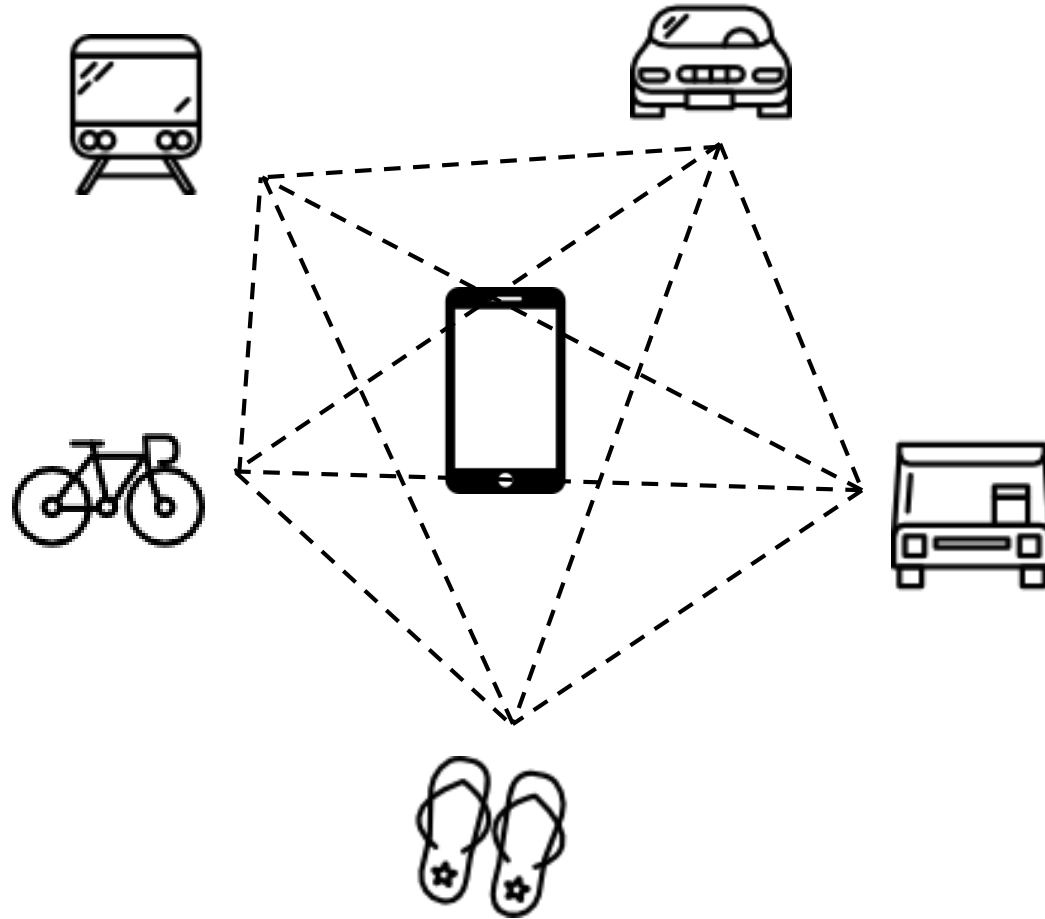
# TOD-IS-RUR

TRANSIT ORIENTED DEVELOPMENT FOR INCLUSIVE AND SUSTAINABLE RURAL-URBAN REGIONS

<https://www.todisrur.eu/>

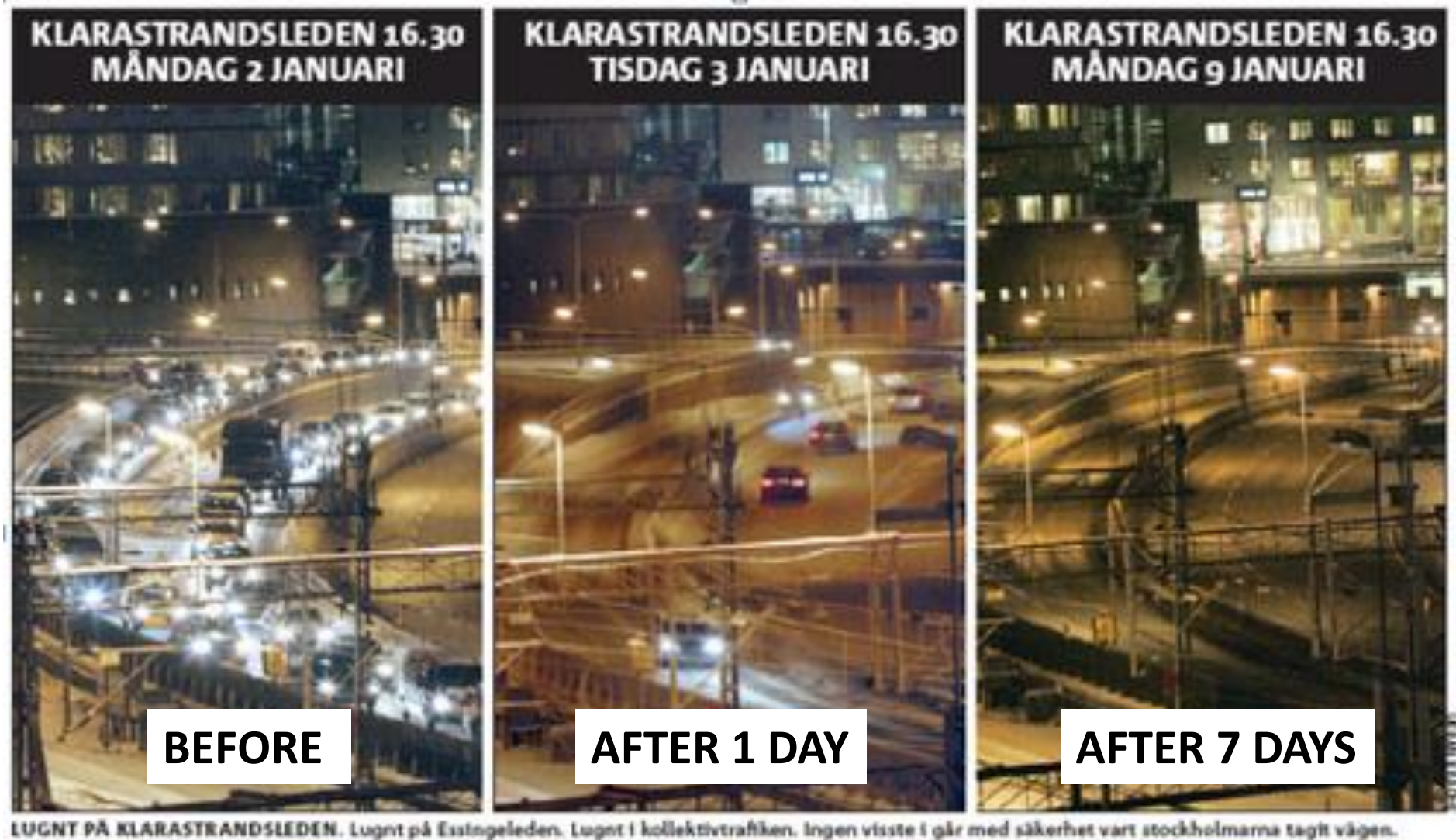
Building block #4:  
**the car as *complementary* option**

# ‘Mobility as a Service/ Commons’: the car as option?



(icons by dariusdan and freepik on [www.flaticon.com](http://www.flaticon.com))

Also constraining car use (congestion charging, Stockholm)



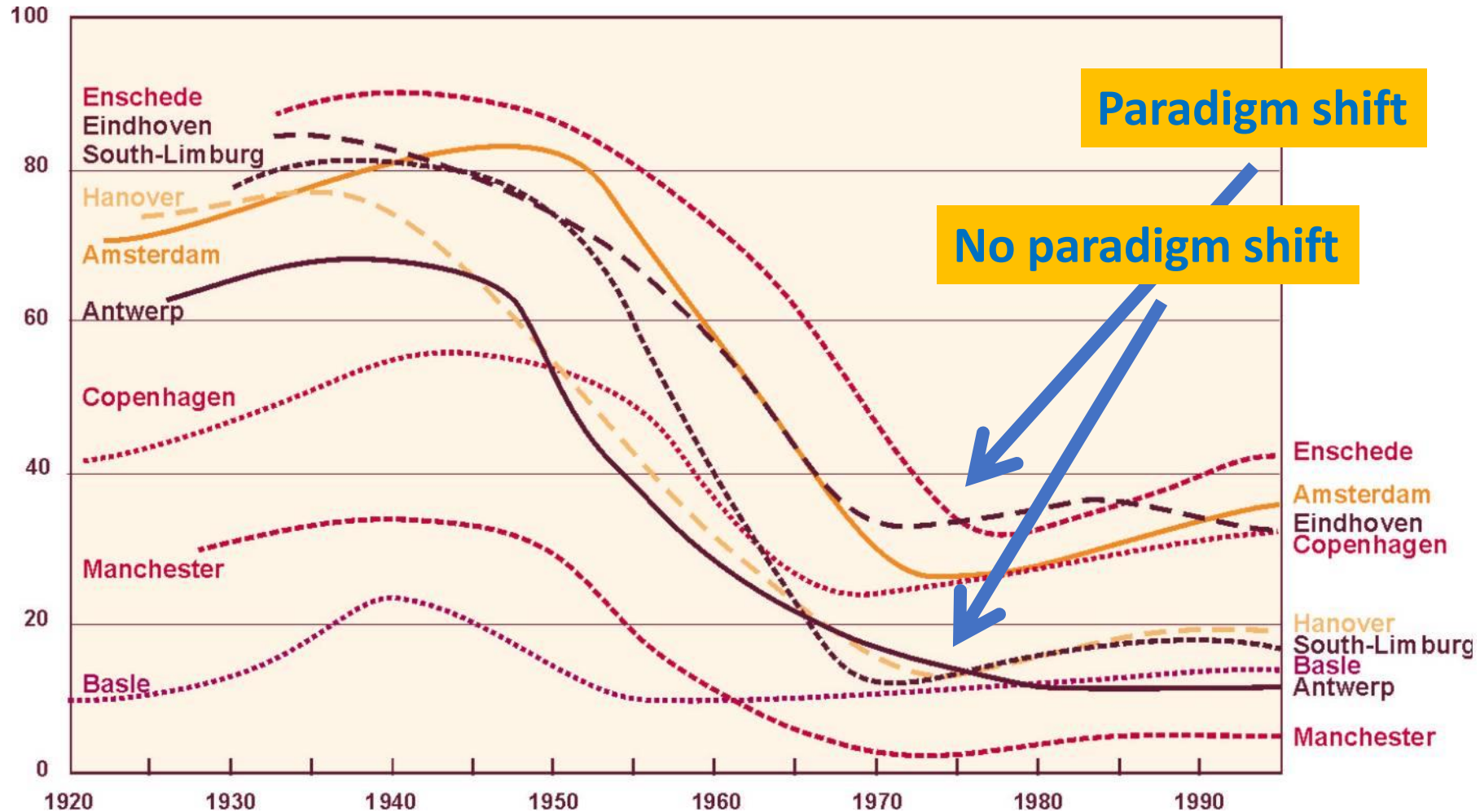
([www.smartcitiesdive.com](http://www.smartcitiesdive.com))

Building block #5:  
**freight = avoid, shift, improve** (in this order!)



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# Paradigm shift (or not): e.g., cycling



Share of cycling in all trips in selected European cities, 1920-1995  
(Bruheze & Veraart, 1999)

... in between, contesting the present ...



... in between, contesting the present ...





... in between, exploring the future ...



(domusweb.it)



*“Transition experiments ... are short-term actions through which alternative structures, cultures, and practices are explored”*

(Roorda et al., 2014)

# Ghent: 'Living Streets' (*Leefstraten*)



- Temporarily (2-3 months) close residential streets to motorized traffic
- Experiment with alternative mobility options and a different use of public space
- Feed back into city-wide debate



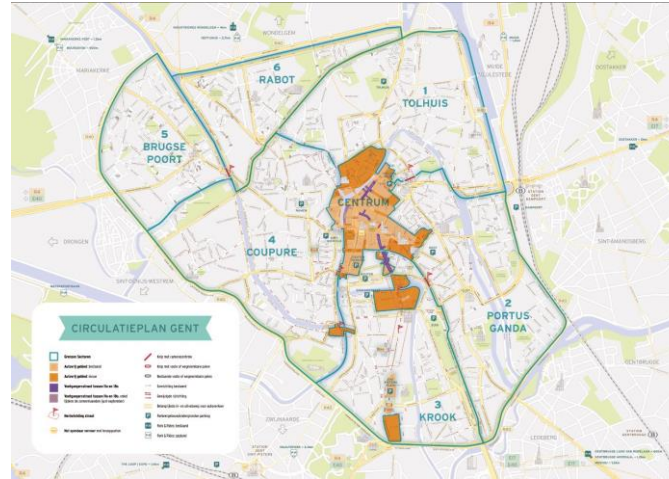
Not just streets, not just cities ...



“Experiment with flexible local bus will continue to investigate whether this is the transport of the future” (Omroep Zeeland, 2022)

Long term, area-wide visions, policies, networks, institutions

*Adapt*



*Enable*



Short term, local experiments





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# Let's talk!

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