

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?

Planning beyond mobility: Why?

Planning beyond mobility: What?

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)

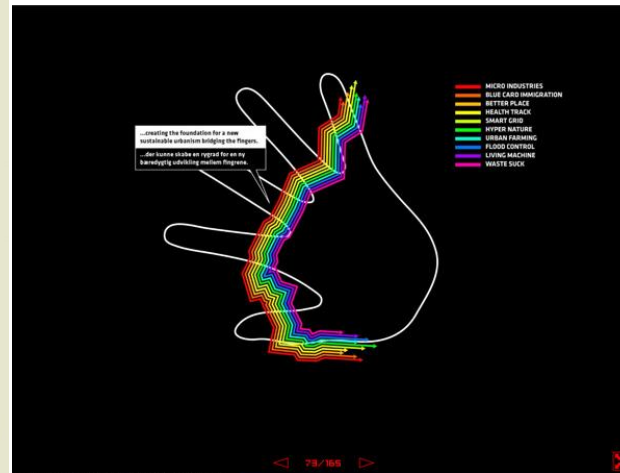
Building block #2:
accessibility by proximity
(accessibility by walking and cycling)

Paris 15-minute city (Paris en Commun)



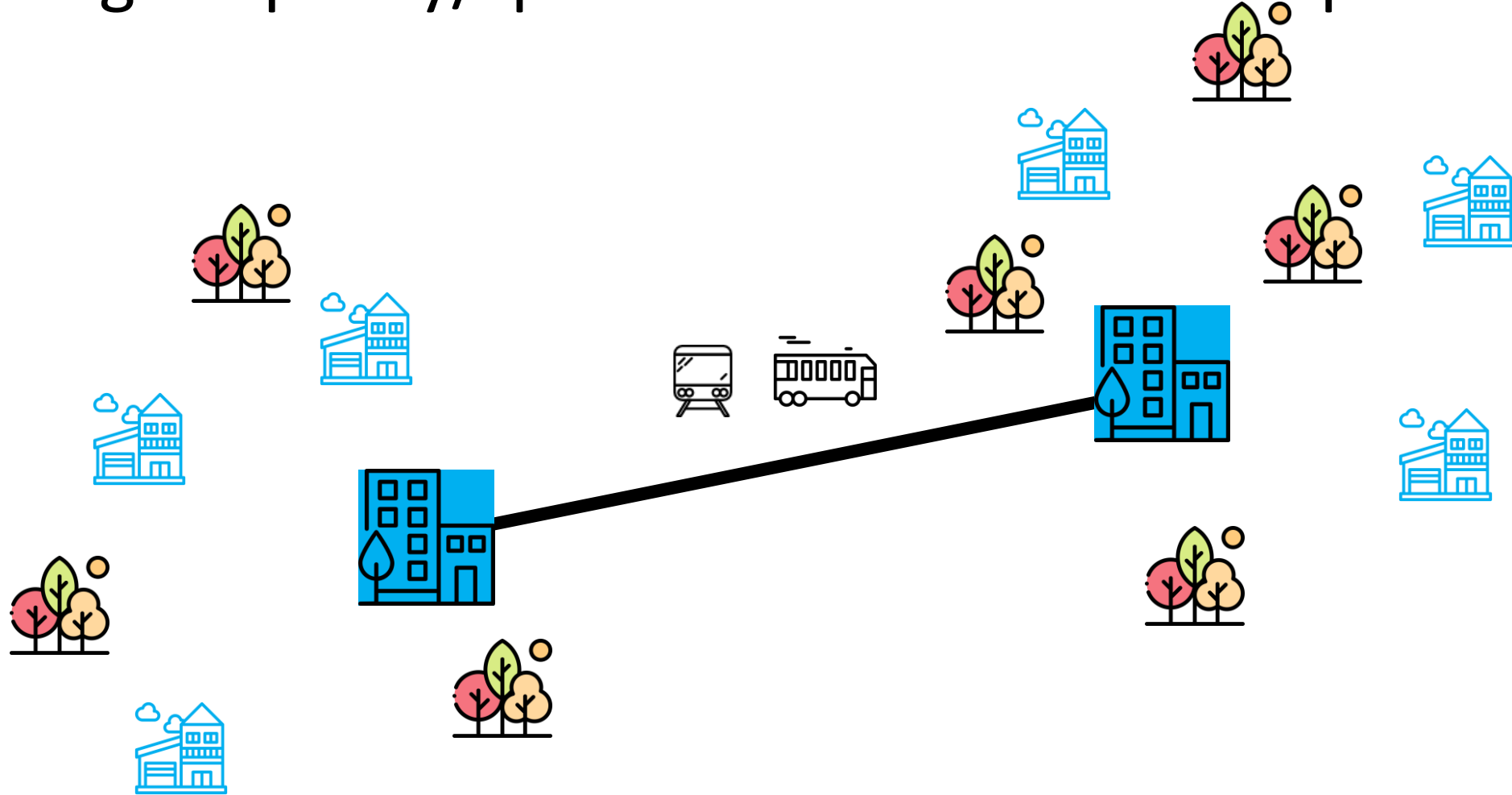
Building block #3:
***diffused* Transit Oriented Development (TOD)**

Copenhagen 1947-2078

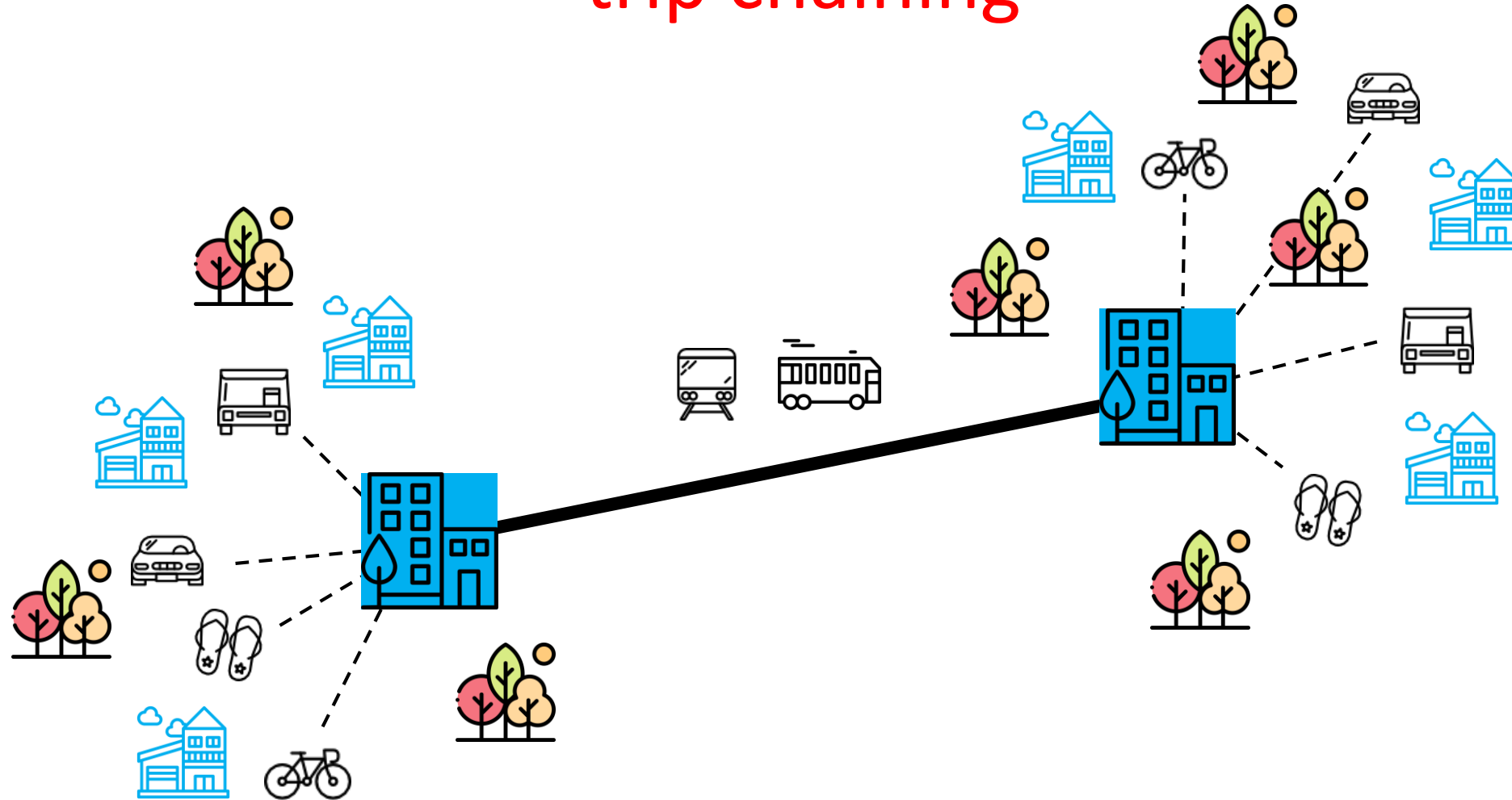


(Municipality of Copenhagen)

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



Getting there, beyond the core: trip chaining

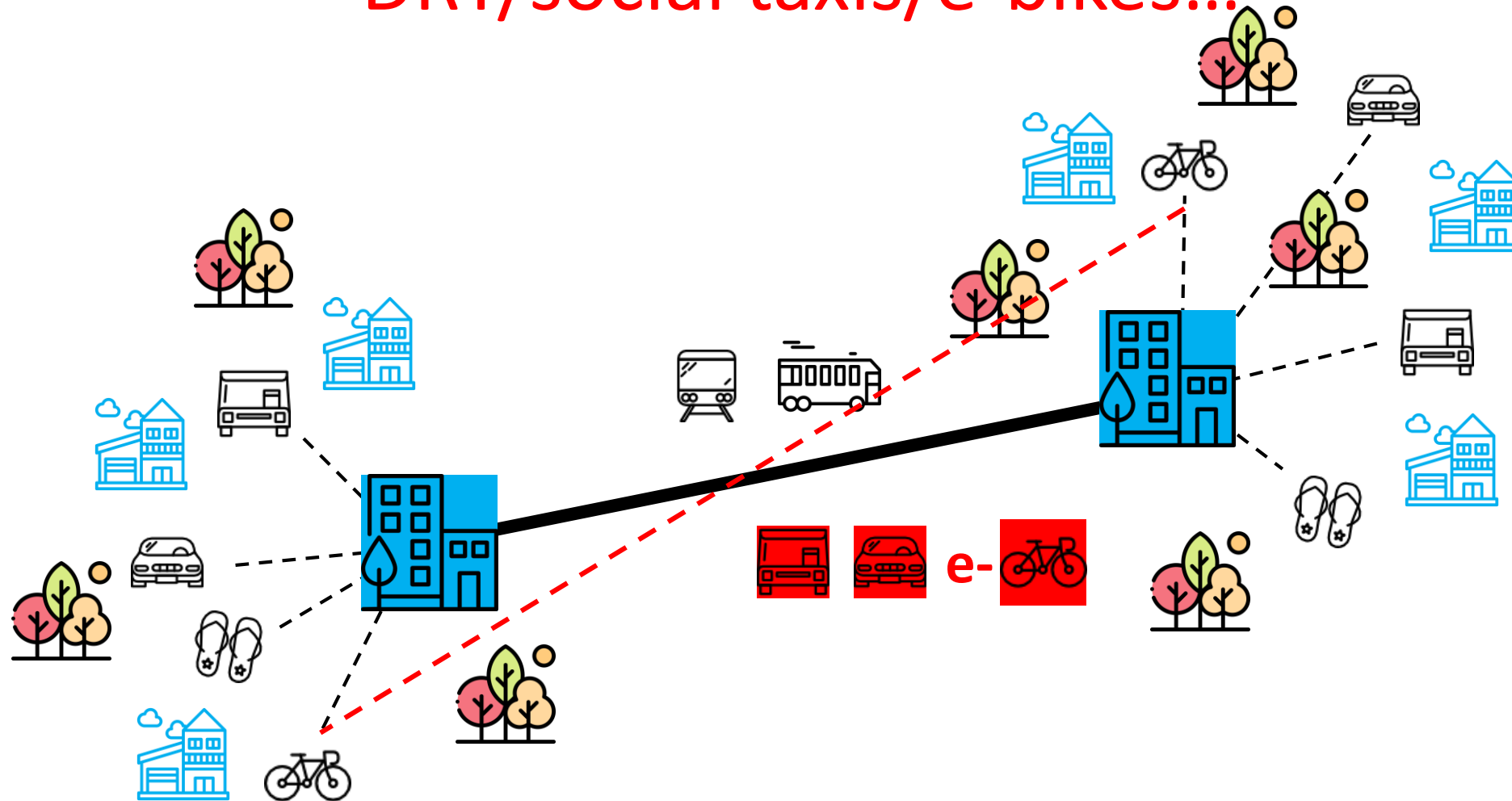


In the NL, 4 out of 10 comes to the station by bike

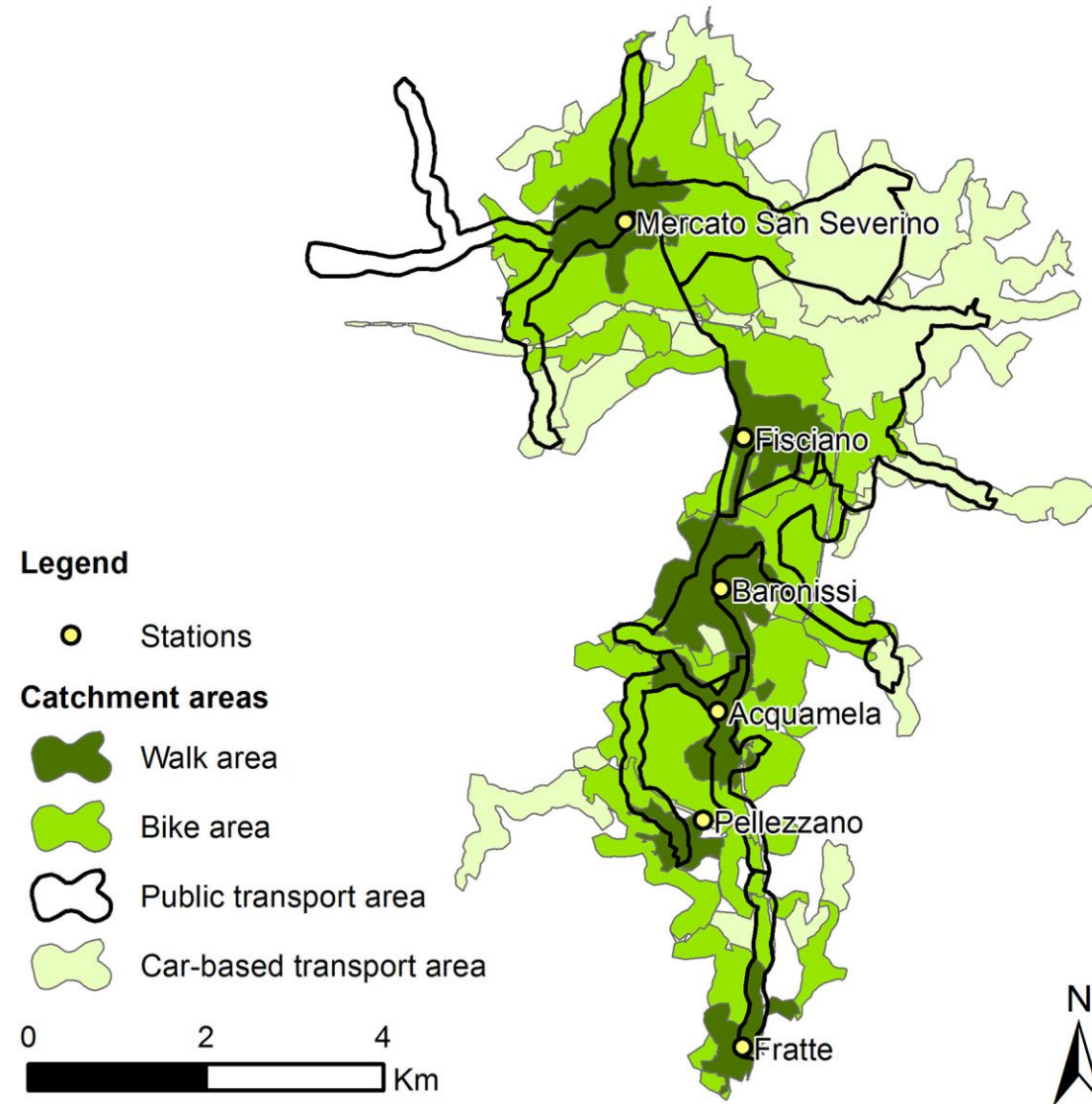


(www.ovbsp.nl)

Getting there, beyond the core: DRT/social taxis/e-bikes...



Getting there, beyond the core: expanded catchment areas



Nigro et al. (2019)



Research
Contact

Training

People

TOD Events

TOD Talks

Output



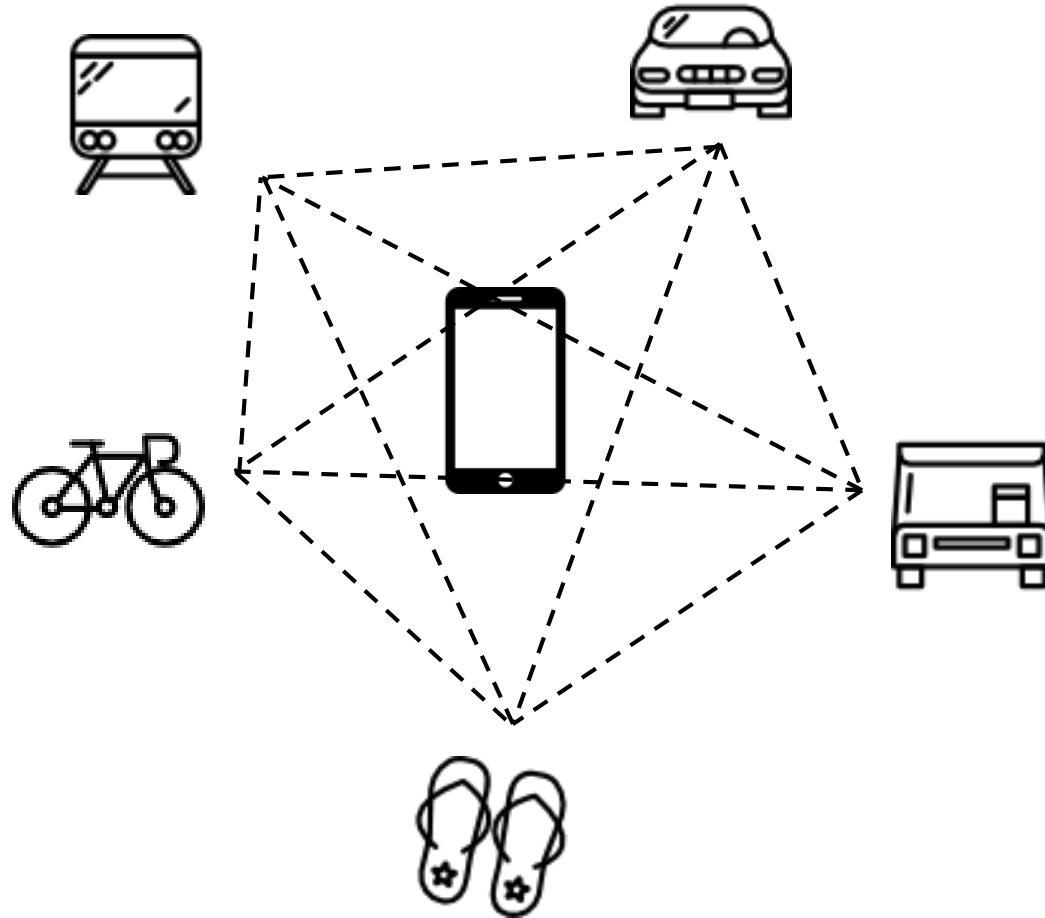
TOD-IS-RUR

TRANSIT ORIENTED DEVELOPMENT FOR INCLUSIVE AND SUSTAINABLE RURAL-URBAN REGIONS

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

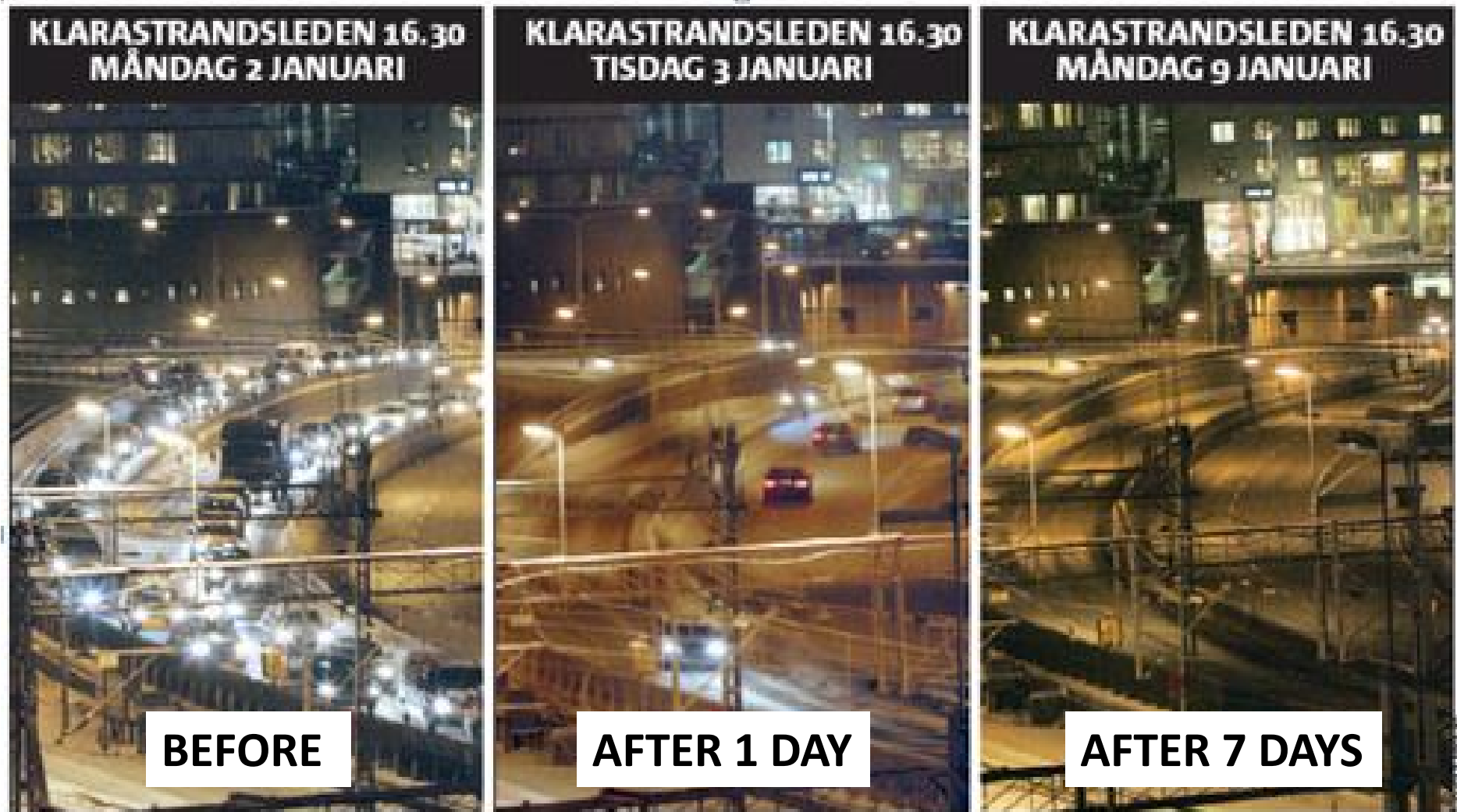
Building block #4:
the car as *complementary* option

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



(icons by dariusdan and freepik on www.flaticon.com)

Also constraining car use (congestion charging, Stockholm)



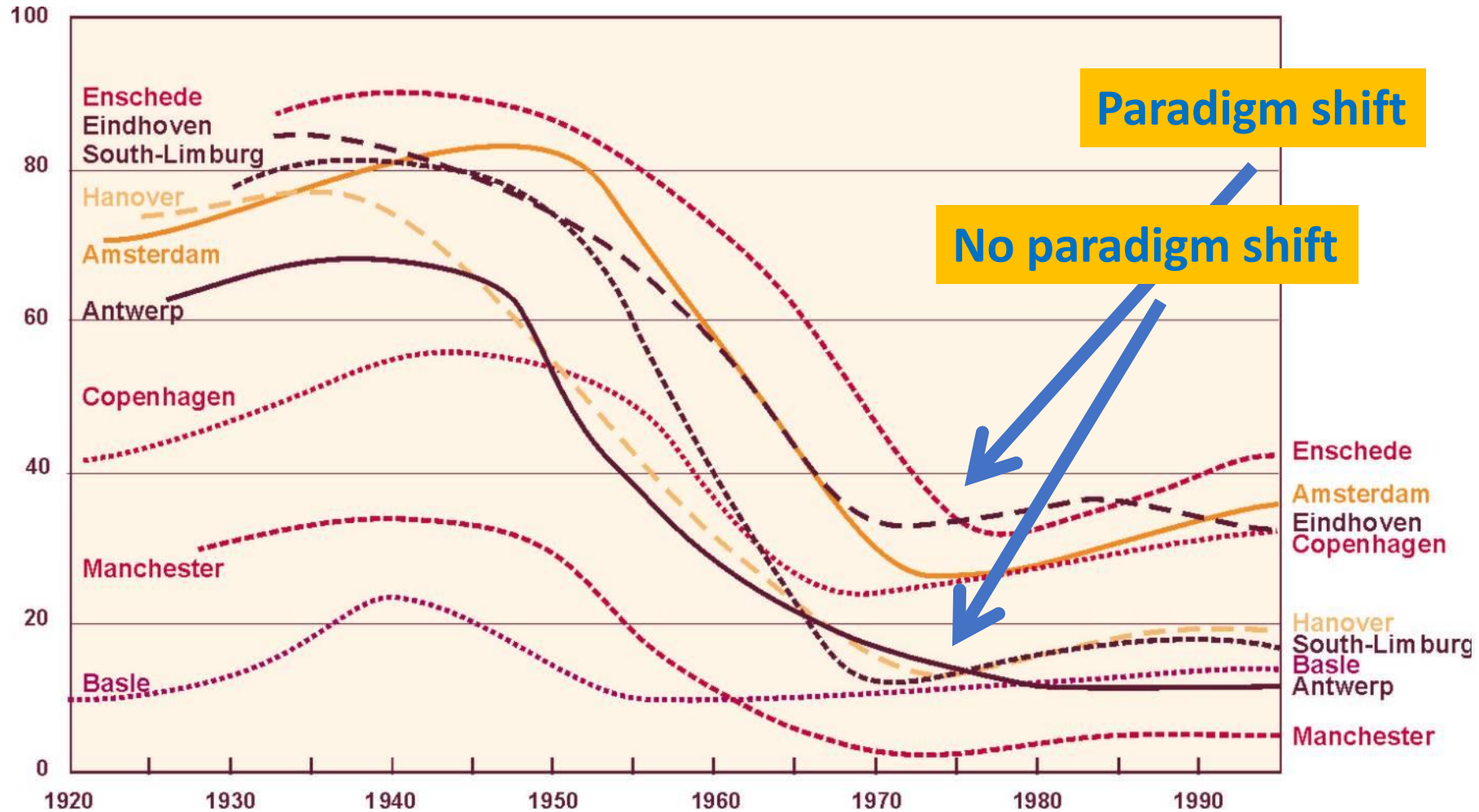
LUGNT PÅ KLARASTRANDSLEDEN. Lugnt på Eastegeleden. Lugnt i kollektivtrafiken. Ingen visste i går med säkerhet vart stockholmarna tagit vägen.

(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

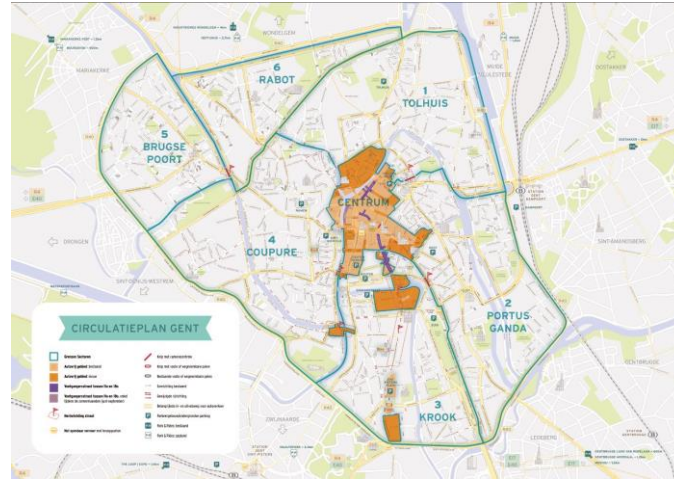
Not just streets, not just cities ...



“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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