

Long-distance bicycle trips in combination with public transport

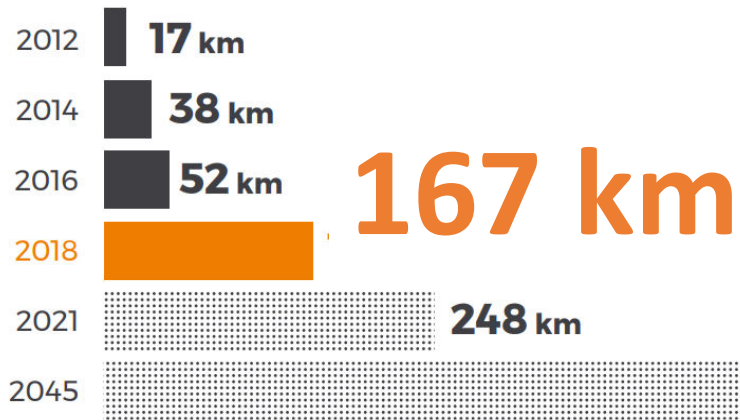
Good Companions: Combining cycling with public transport

Velo-City in Dublin 2019

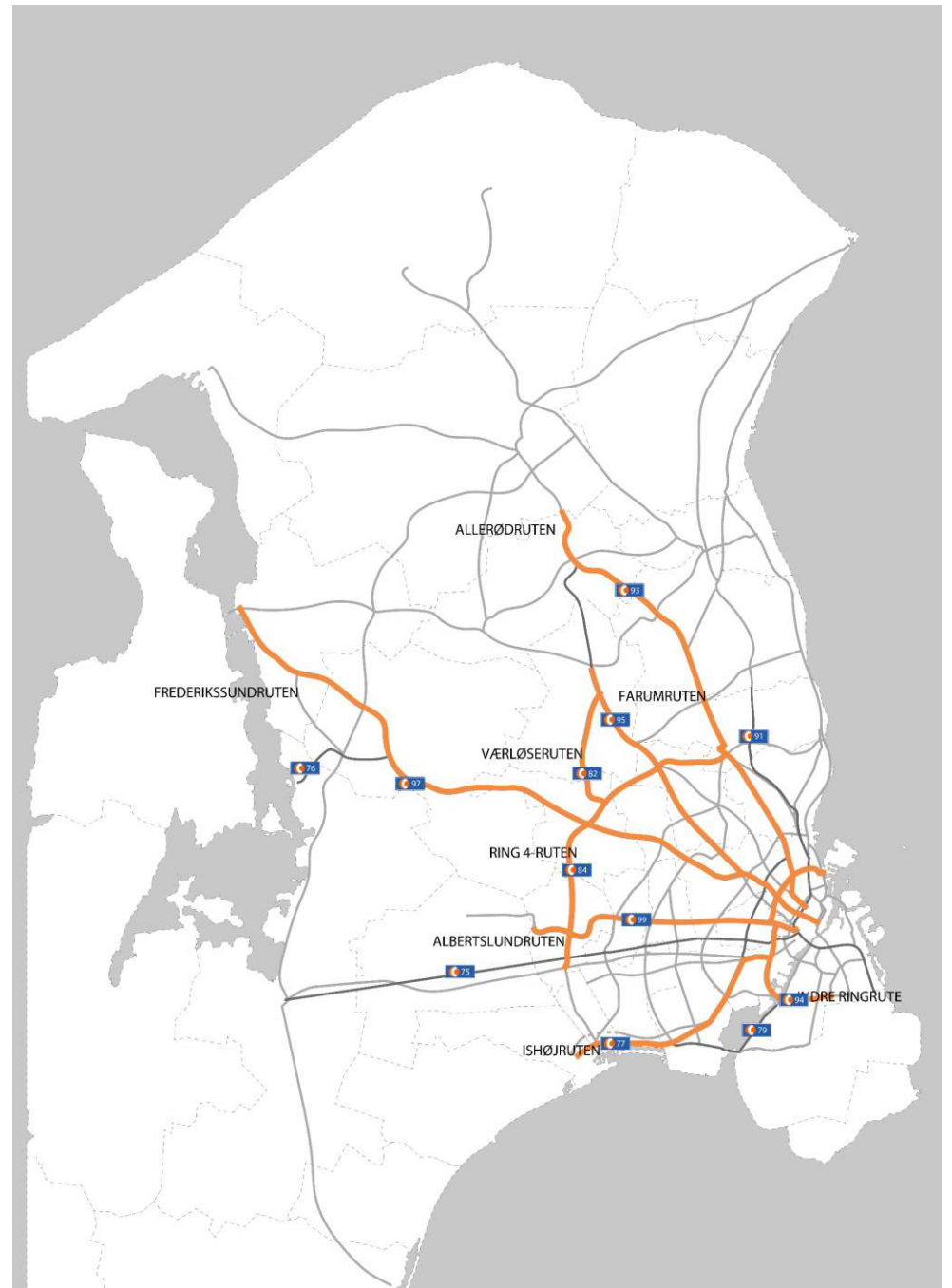
Anna Garrett

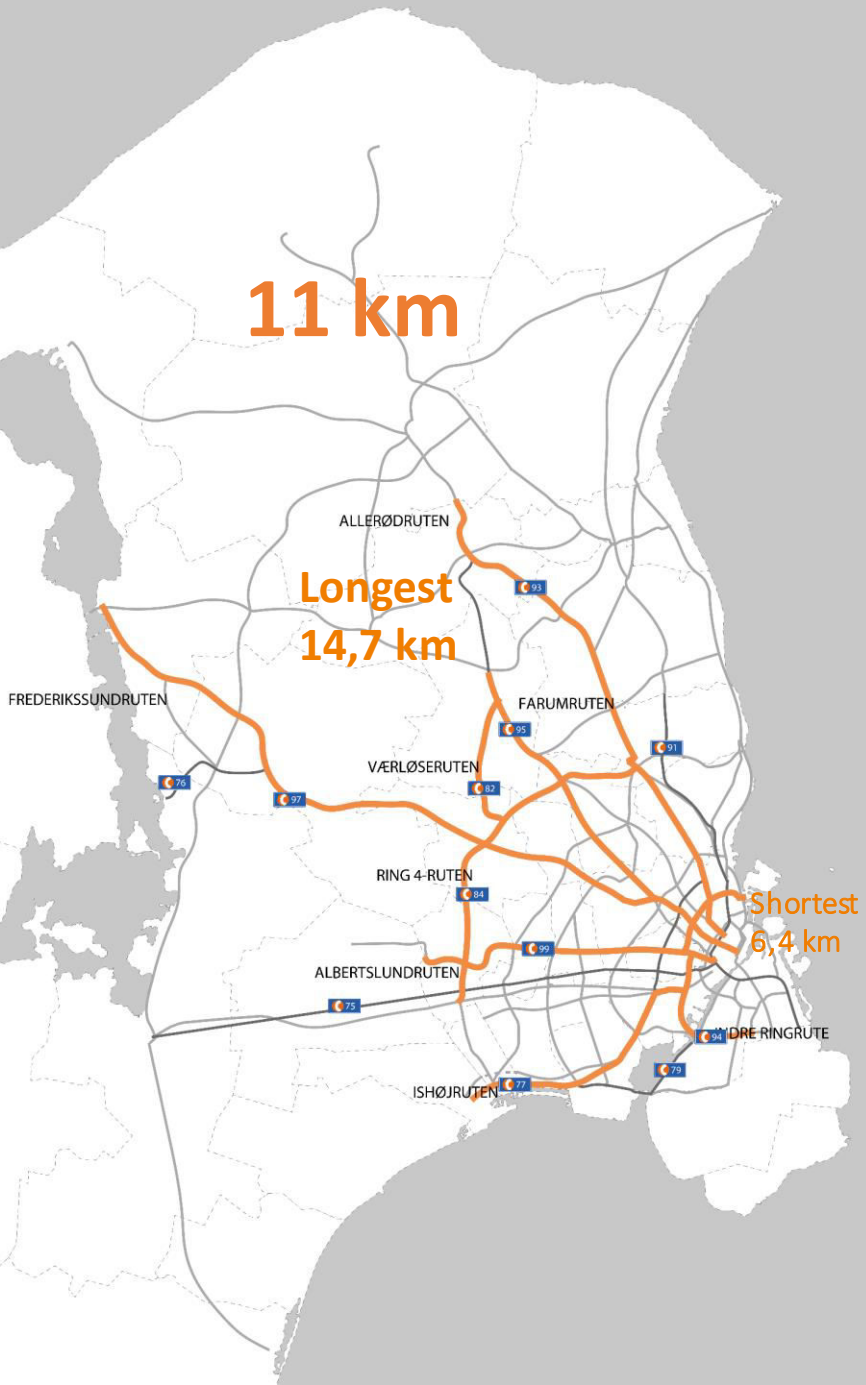
Office For Cycle Superhighways

Capital Region of Denmark



750 km





AVERAGE TRIP LENGTH

12 km



15 km



*Average length of commute for persons in employment in the Capital Region



Long-distance
commuting by bike

“When you’ve passed 40, you have to do something to keep yourself in shape, and then it is really practical and time-efficient, when you live a suburban life with children.

I don’t know when I would have the time to work out on a weekday night, but I can spend an hour working out on my way to and from work. It’s approximately the same amount of time as taking the bus and train or being stuck on the highway.”

- Carsten



11 km

A **TRANSPORT** B

B **TRANSPORT** A

WORK

Shower

Packing lunch

Kids to school

Grocery shopping

House keeping

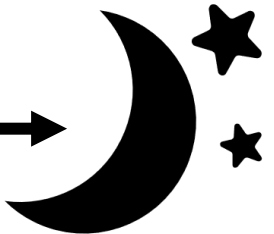
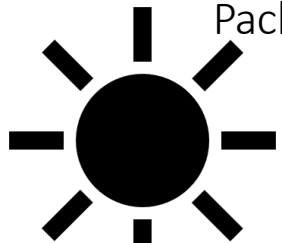
Hobby

Making dinner

Picking up kids

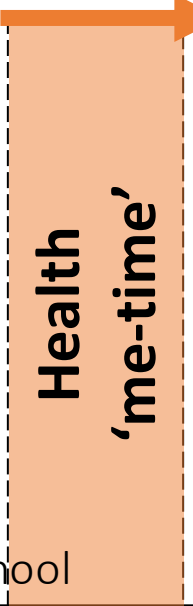
Late night news

Health



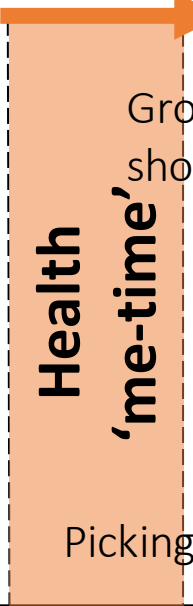
11 km

A **TRANSPORT** B



WORK

B **TRANSPORT** A

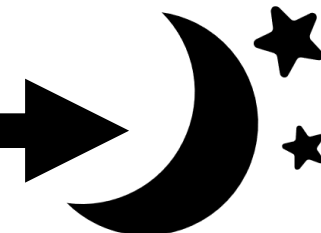
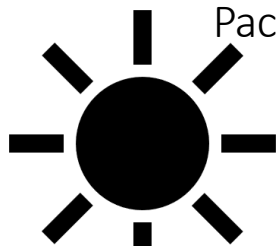


- Grocery shopping
- House keeping
- Hobby
- Making dinner
- Picking up kids
- Late night news

Shower

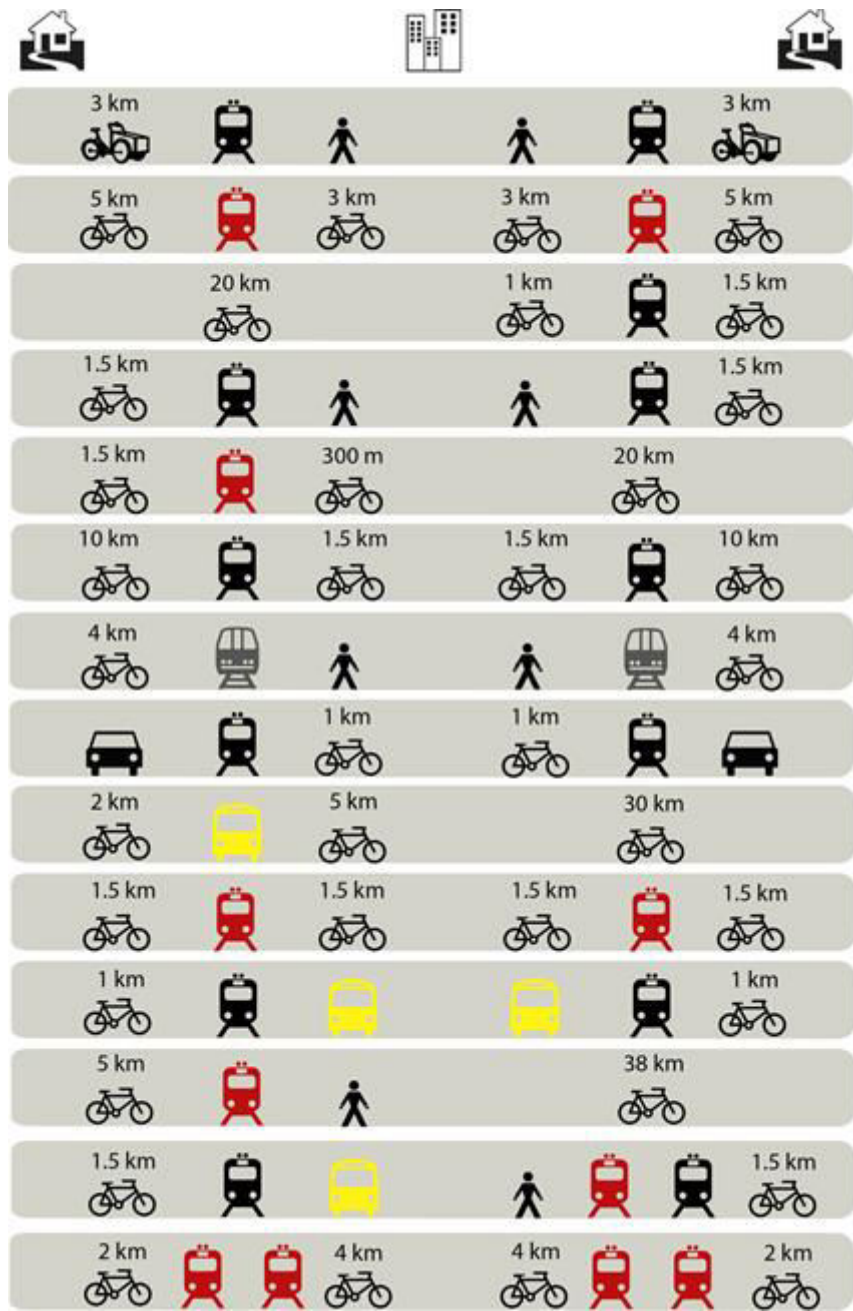
Packing lunch

Kids to school





The potential

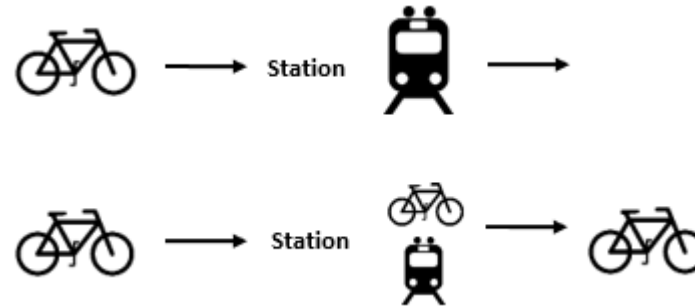


(Eriksen et al., 2018, AAU, Bike-train commuting for a sustainable transition)

Two different travel patterns

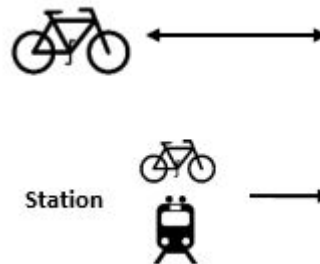
53%

**cycles less than 5 km
a day**

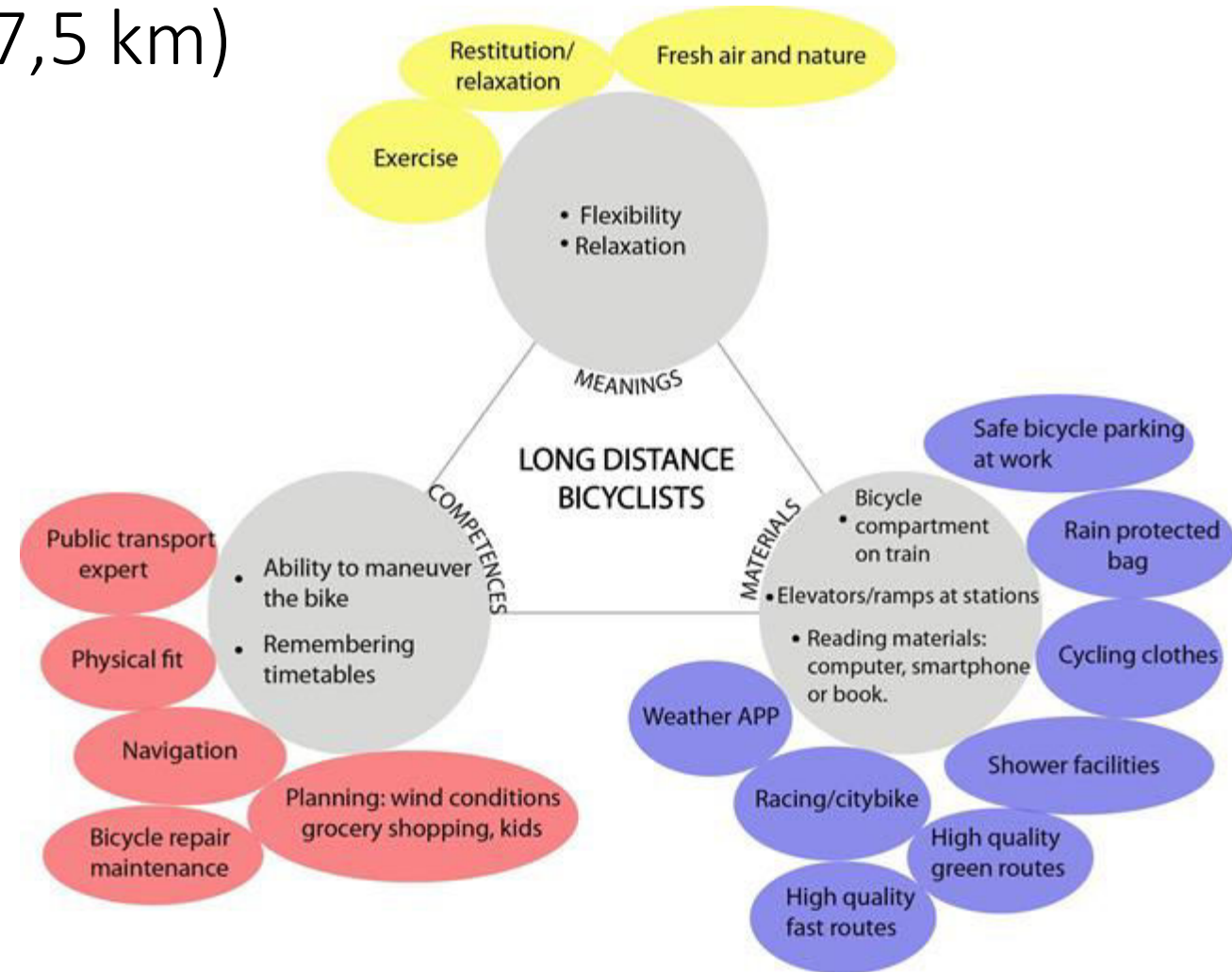
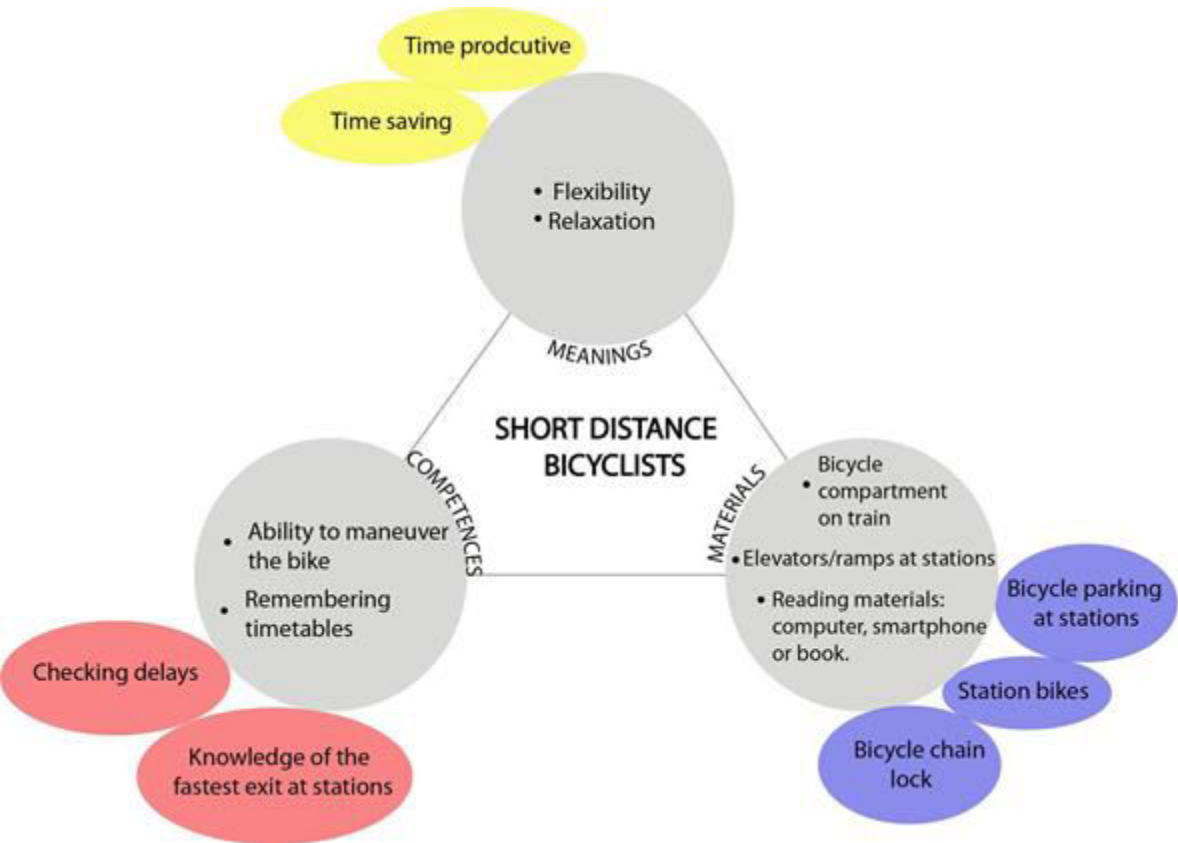


8%


**cycles more than
15 km**



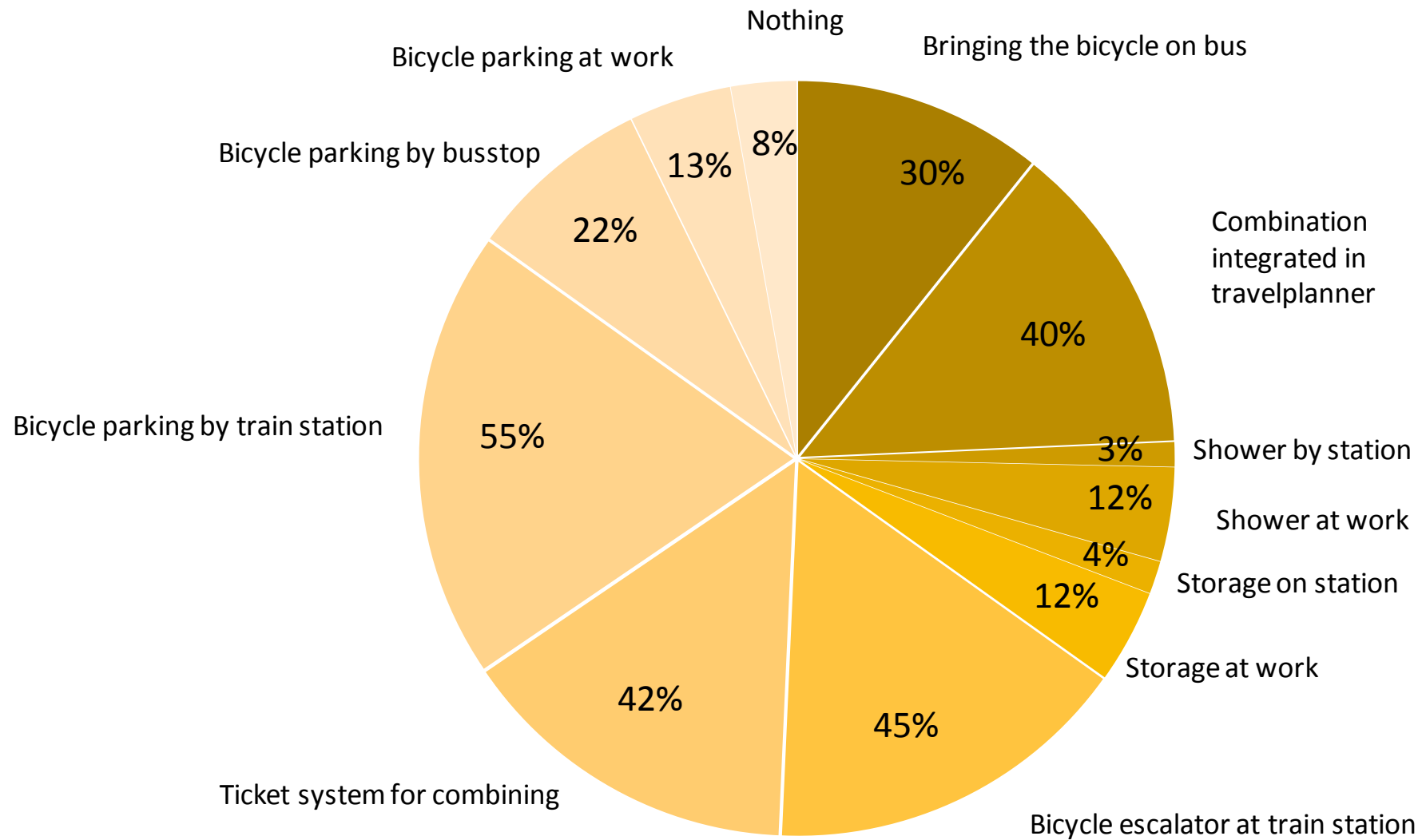
Two commuter types (>< 7,5 km)

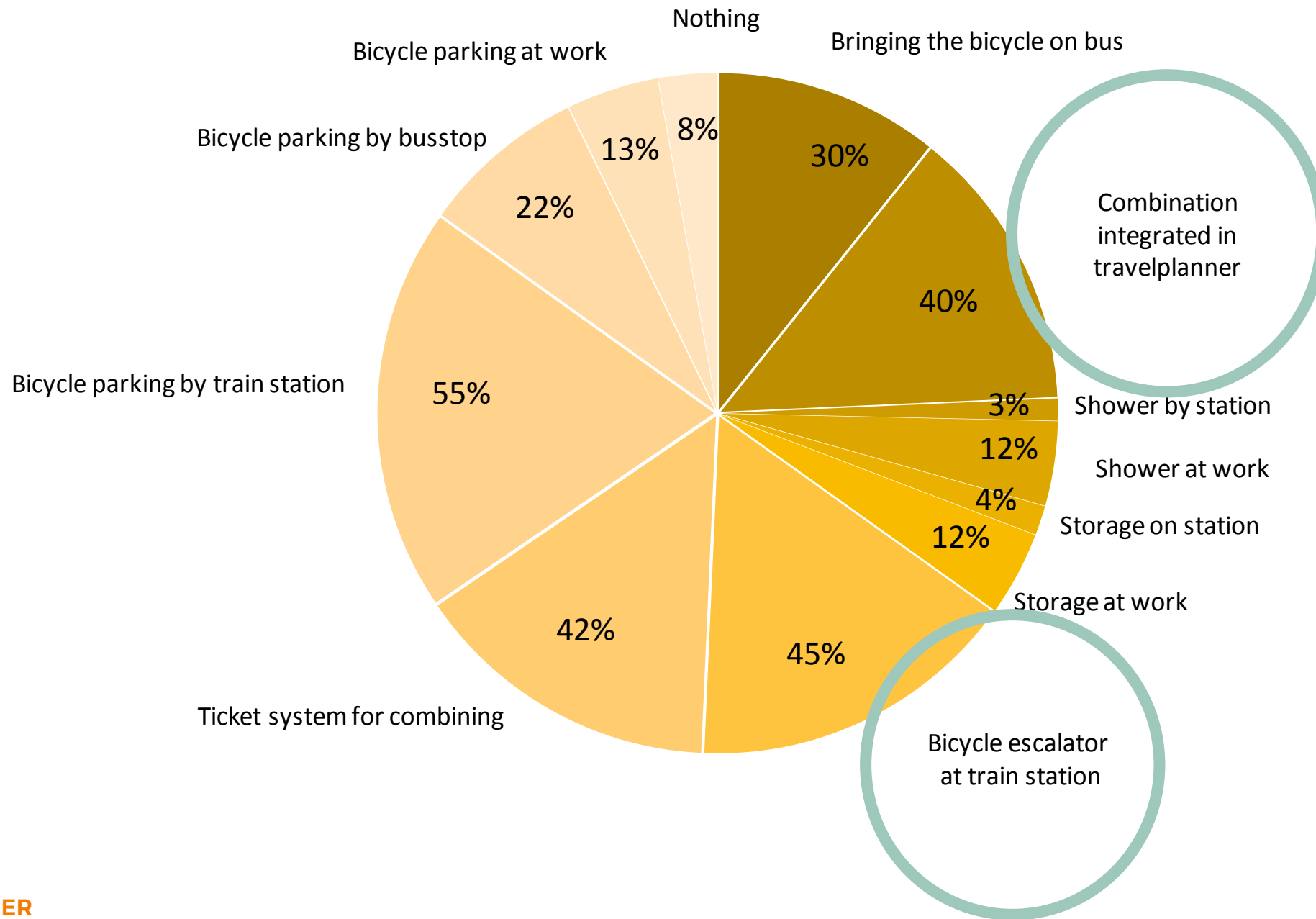


(Eriksen et al., 2018, AAU, Bike-train commuting for a sustainable transition)

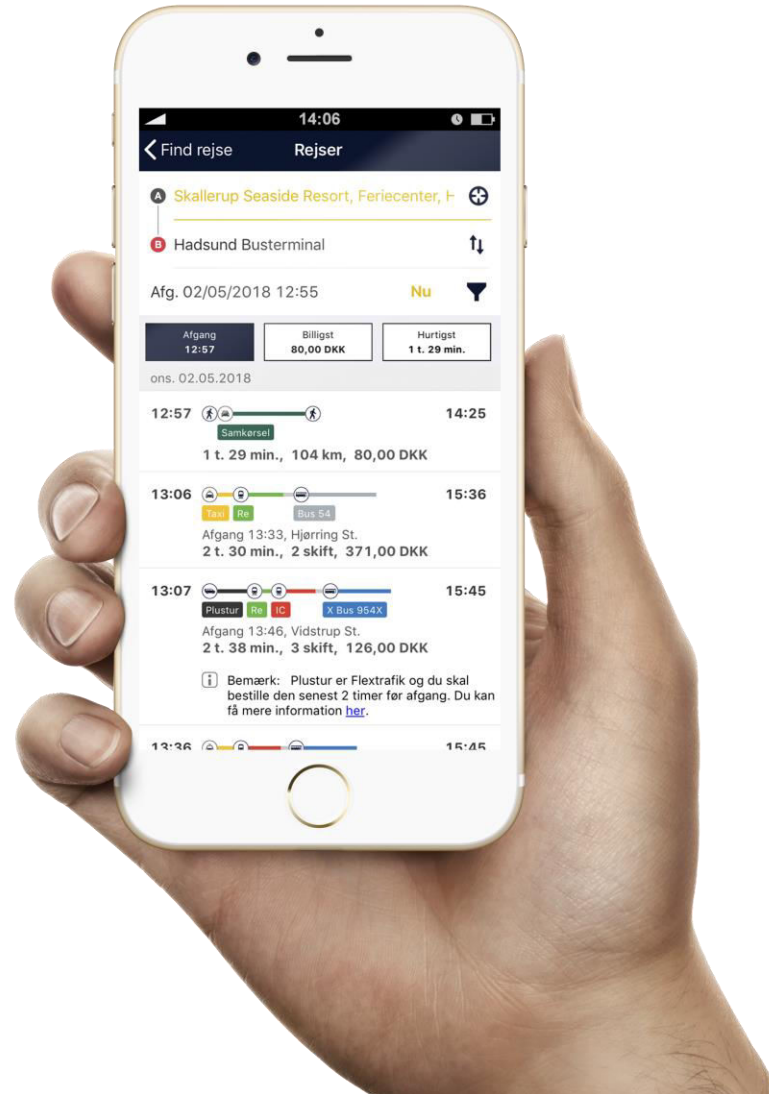


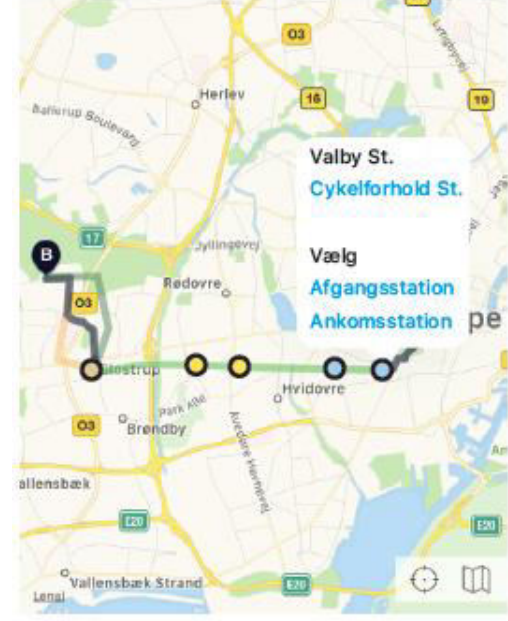
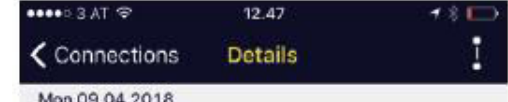
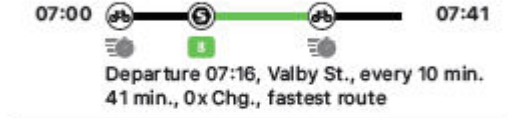
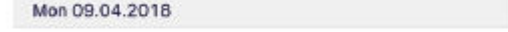
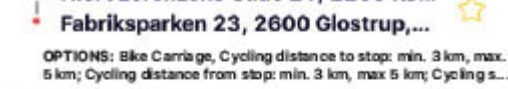
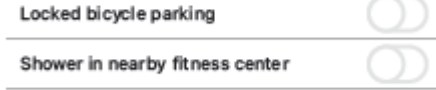
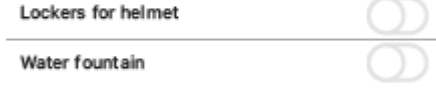
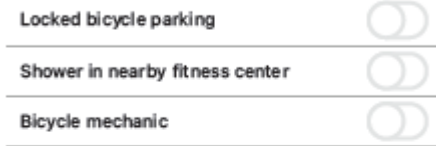
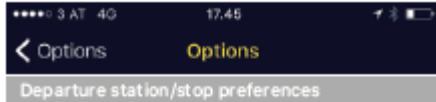
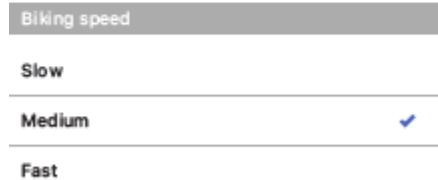
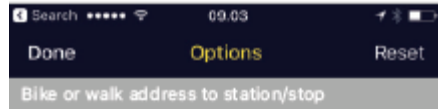
The solutions
2 cases





The digital solution: **The travelplanner**





The physical solution: **Bicycle escalator on hub station**

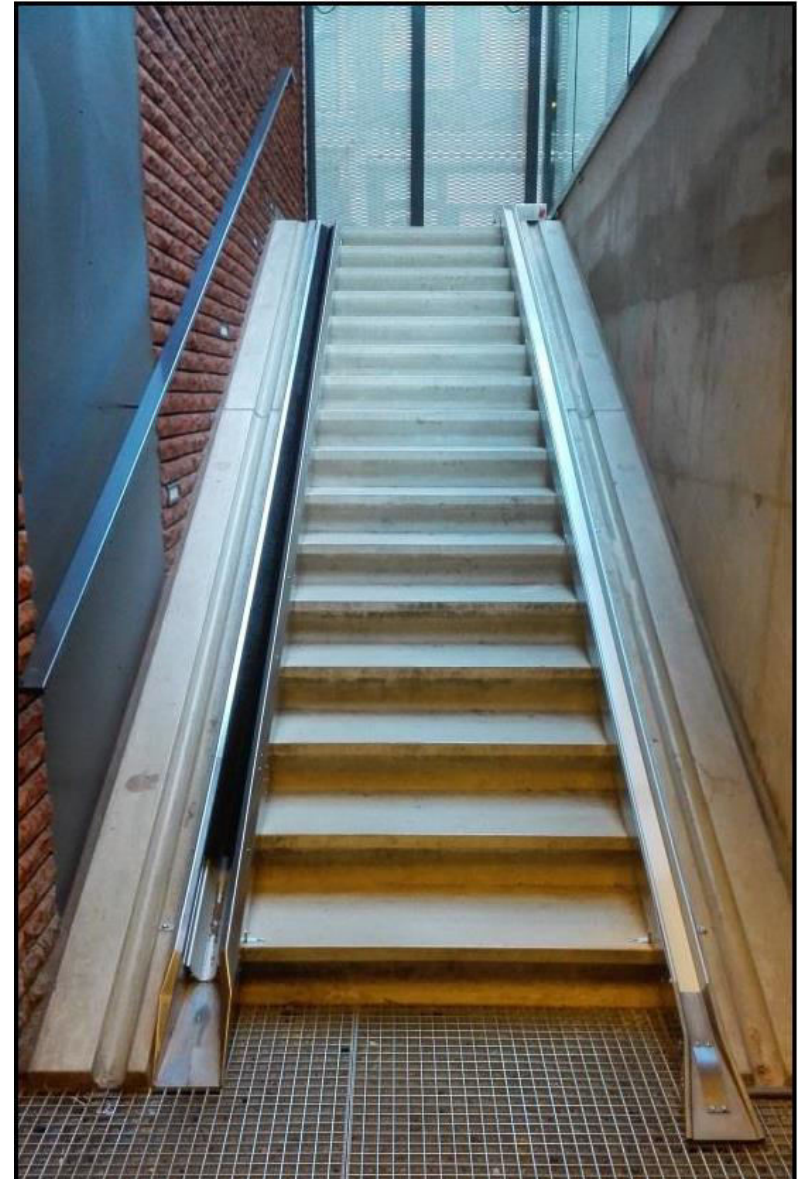


LYNGBY-TAARBÆK
KOMMUNE

The physical solution: **Bicycle escalator on hub station**

Up: Conveyor belt

Down: Brush belt



Bicycle escalator on hub station

330 passengers with a bicycle in morning rush hour

- Conveyor belt used more, lift used less
- The heavier the bike, the more the conveyor is used
- Overall time saving



THANK YOU!

Anna Garrett

ea5i@kk.dk

+45 2346 8553

SUPERCYKELSTIER.DK

