Walking – safe and attractive?

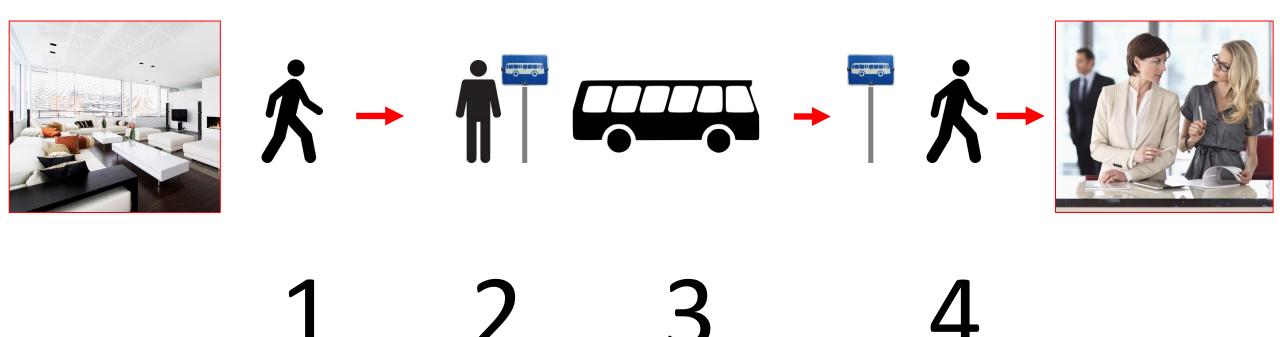


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Urban mobility without car... ... much walking!



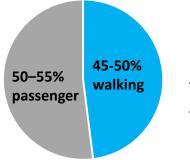
Traveling by public transport - 4 stages



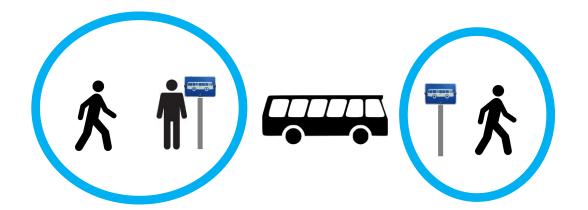


The majority walk to the stop **1. Public transport users are also pedestrians**

2. Public transport depends on walking!



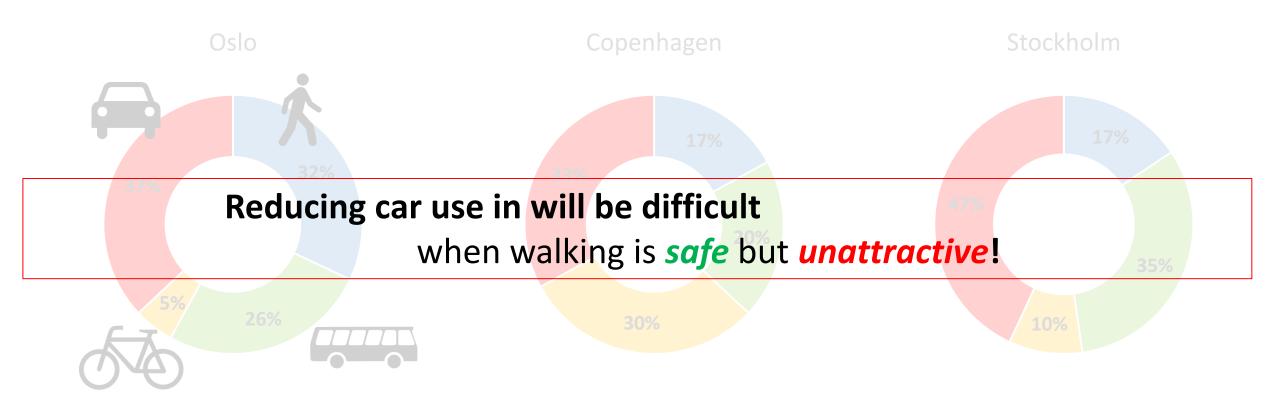
50% of the time on foot



30% Comments on bus journey 70% Comments on the walk to the stop

Impression of the walk to the stop dominates

Modal Split data: Much walking!



Characteristics of pedestrian mobility



Pedestrians...

- Are light weight
- Have no turning circle
- Do not like detours
- Have no braking distance
- React intuitively and quick
- Behave spontaneously
- Consume little space
- Perform other activities while walking

- ...

Walking is different from any form of wheeled transport!



Walking is a sensory experience!



Pedestrians cannot switch off their senses...

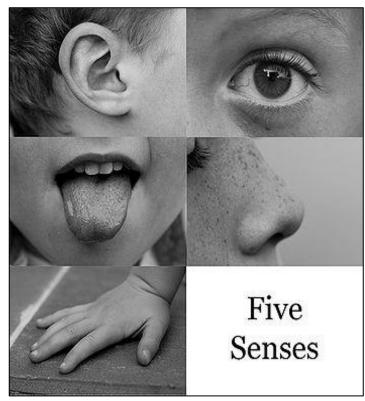




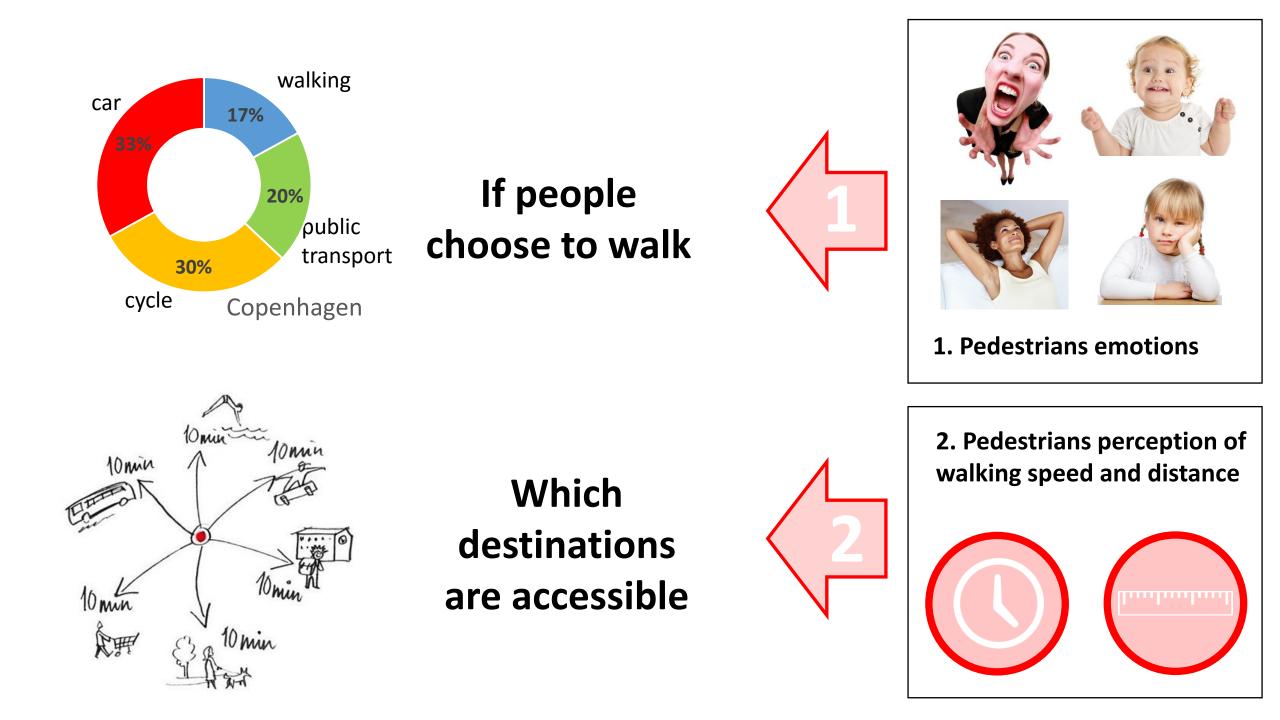




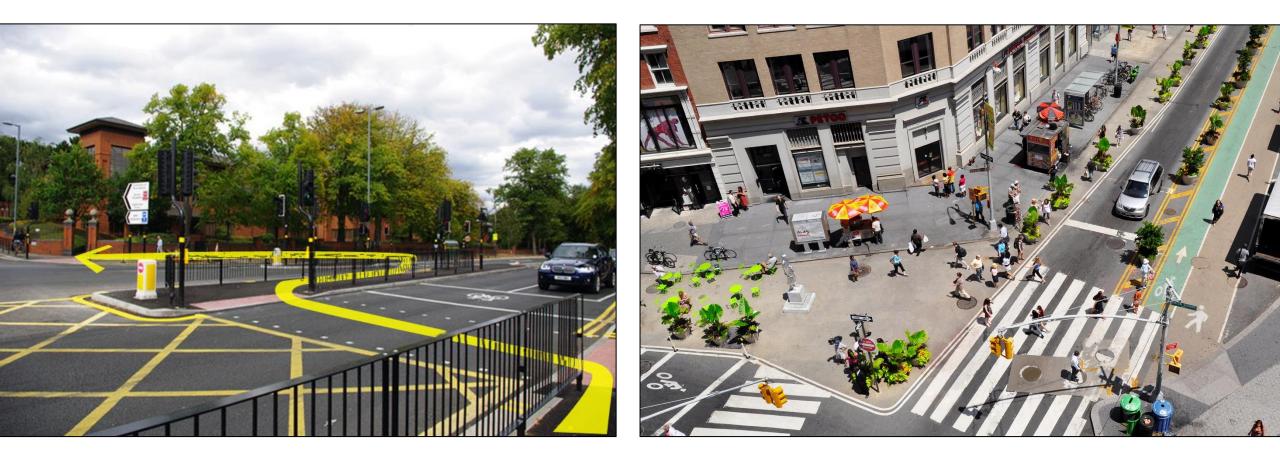
Sensory impression while walking







Good walking environments

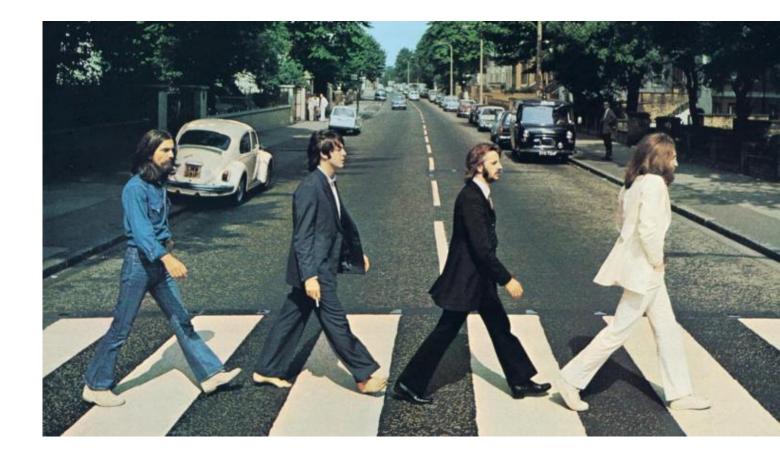




No detours





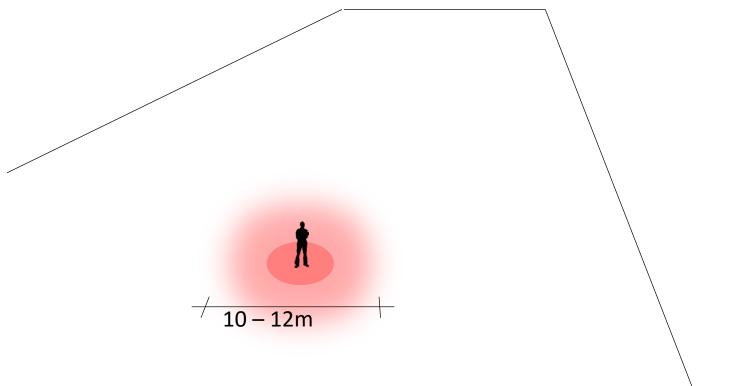




Provide right of way











Environments with human dimension









Variation!



- car traffic
- pedestrian safety
- attractive walking
- ... contradiction??



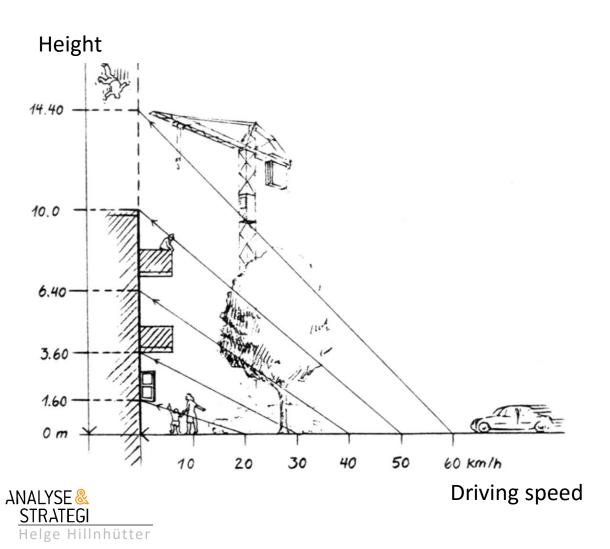
Who is dangerous?

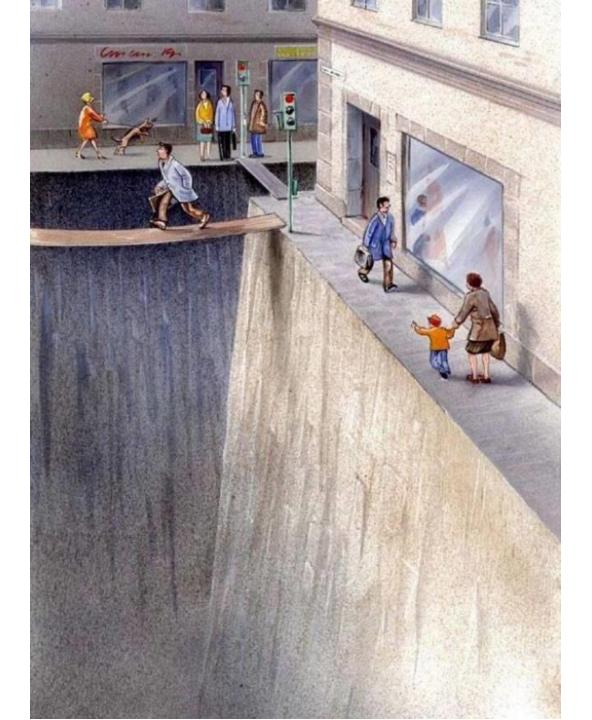


Who bears the consequences?



Accidents with pedestrians and cars





Making walking safe...?

... fever accidents though more underpasses?

... so safe that no on bears to walk anymore!



Underpasses

- More safe for children
- Long detours, boring ramps
- Increased energy consumption while walking up and down
- Unpleasant in dark underpass
- Reduced sense of security
- Impractical for disabled



Clear run for cars!





Preventing informal street crossings?



1 informal crossing

2 informal crossings



Railings result in increasingly dangerous informal street crossings

Attractive and safe – possible options



Colour instead of black asphalt







- Slow down cars
- Ease street crossing







«Shared space»

Forcing car drivers to pay attention!





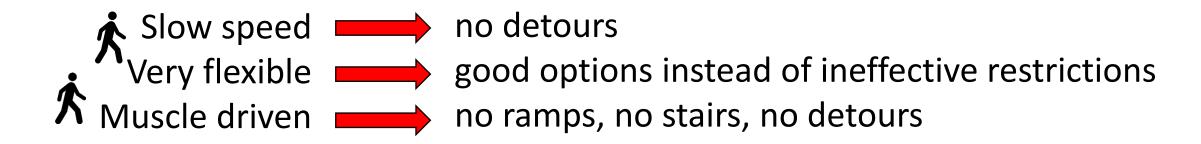
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«Shared space»



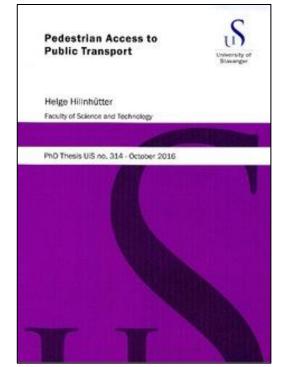
Street layouts that *suit the characteristics of walking* reduce accidents and comfort pedestrians





... but require car drivers to pay attention and to slow down.

https://brage.bibsys.no/xmlui/handle/11250/2422928





https://www.facebook.com/groups/walkthecity/

Helge Hillnhütter "Pedestrian access to Public Transport"

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