EXCELLENT CITIES
Urban Mobility Experts

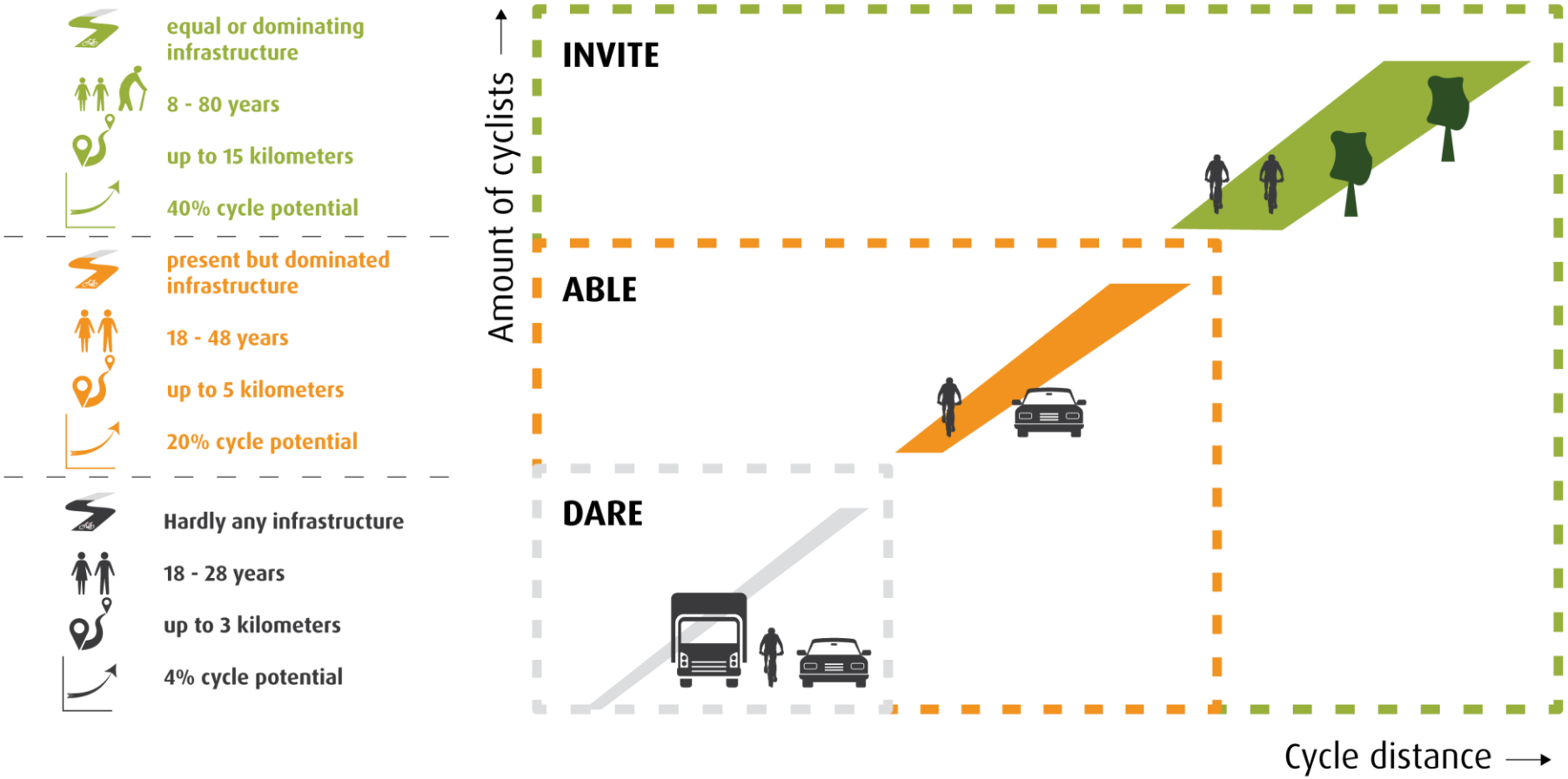
cycling as a way to vital, attractive and healthy cities

Bas Govers
bgovers@goudappel.nl

EXCELLENT CITIES
Urban Mobility Experts

The urban environment talks…..

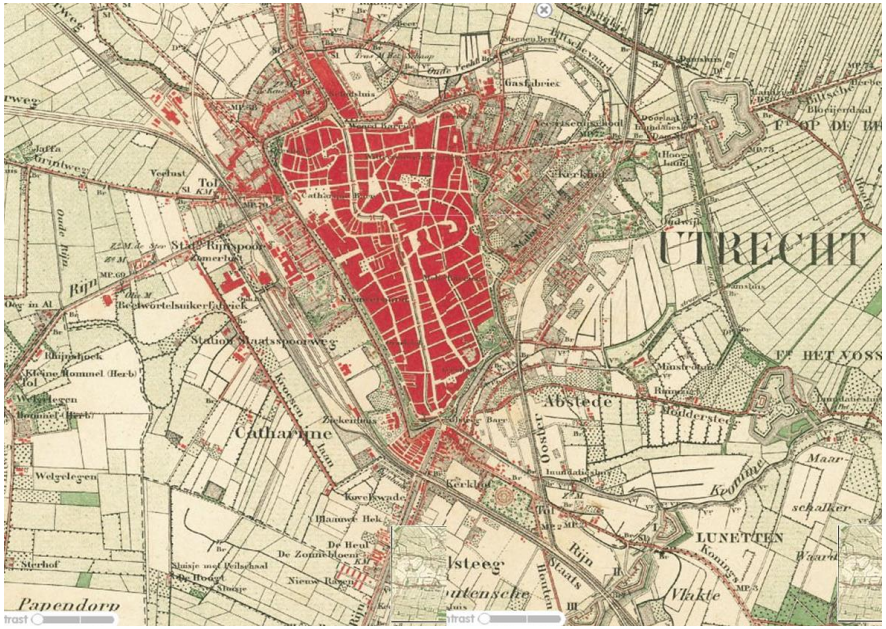
Principle I: Dare, able or invite to cycle



Our mission:

"How to make cycling the first mode of transport in Utrecht = how to bring the level from able to invite"?

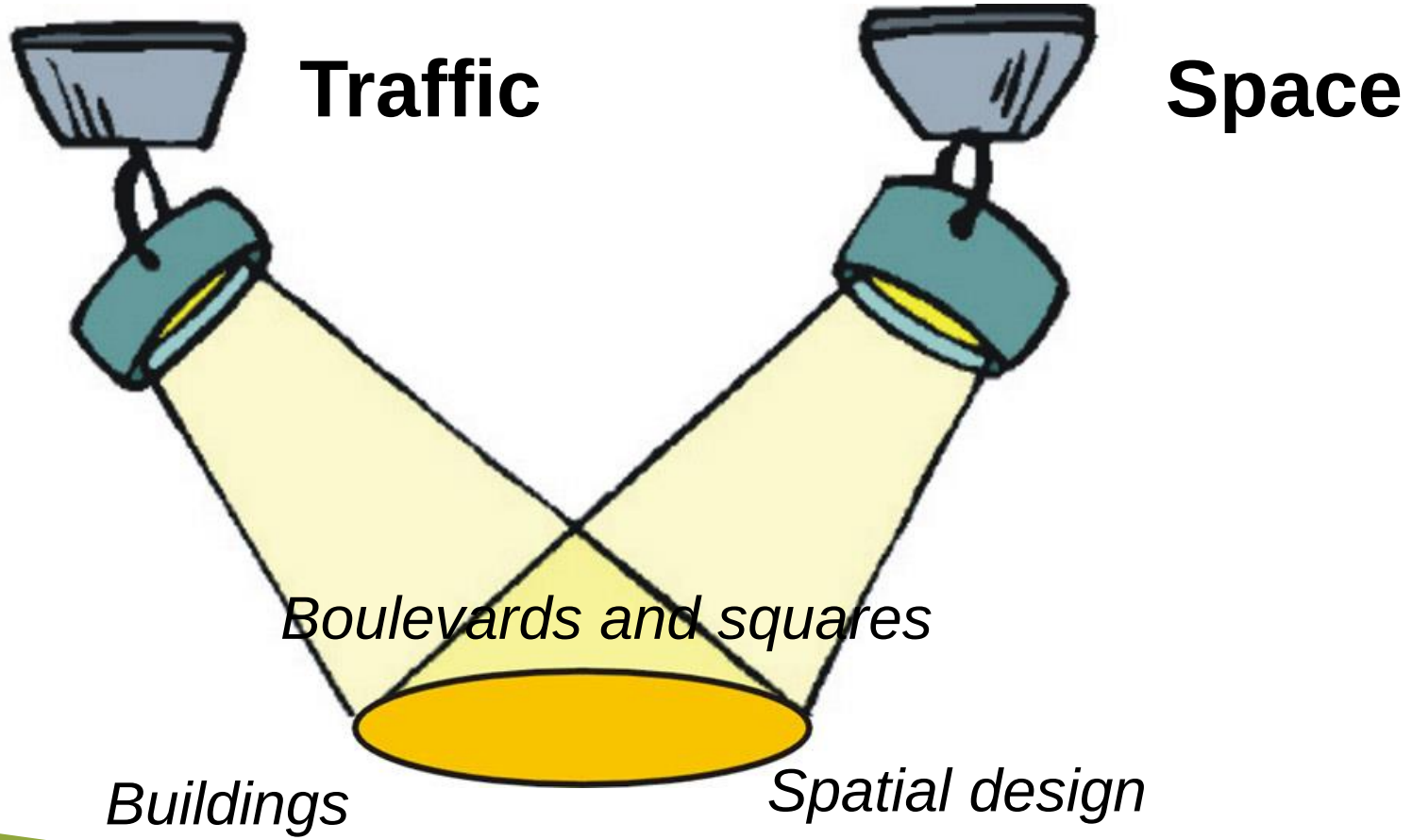
Historic towns are naturally made for cyclists and pedestrians



Utrecht

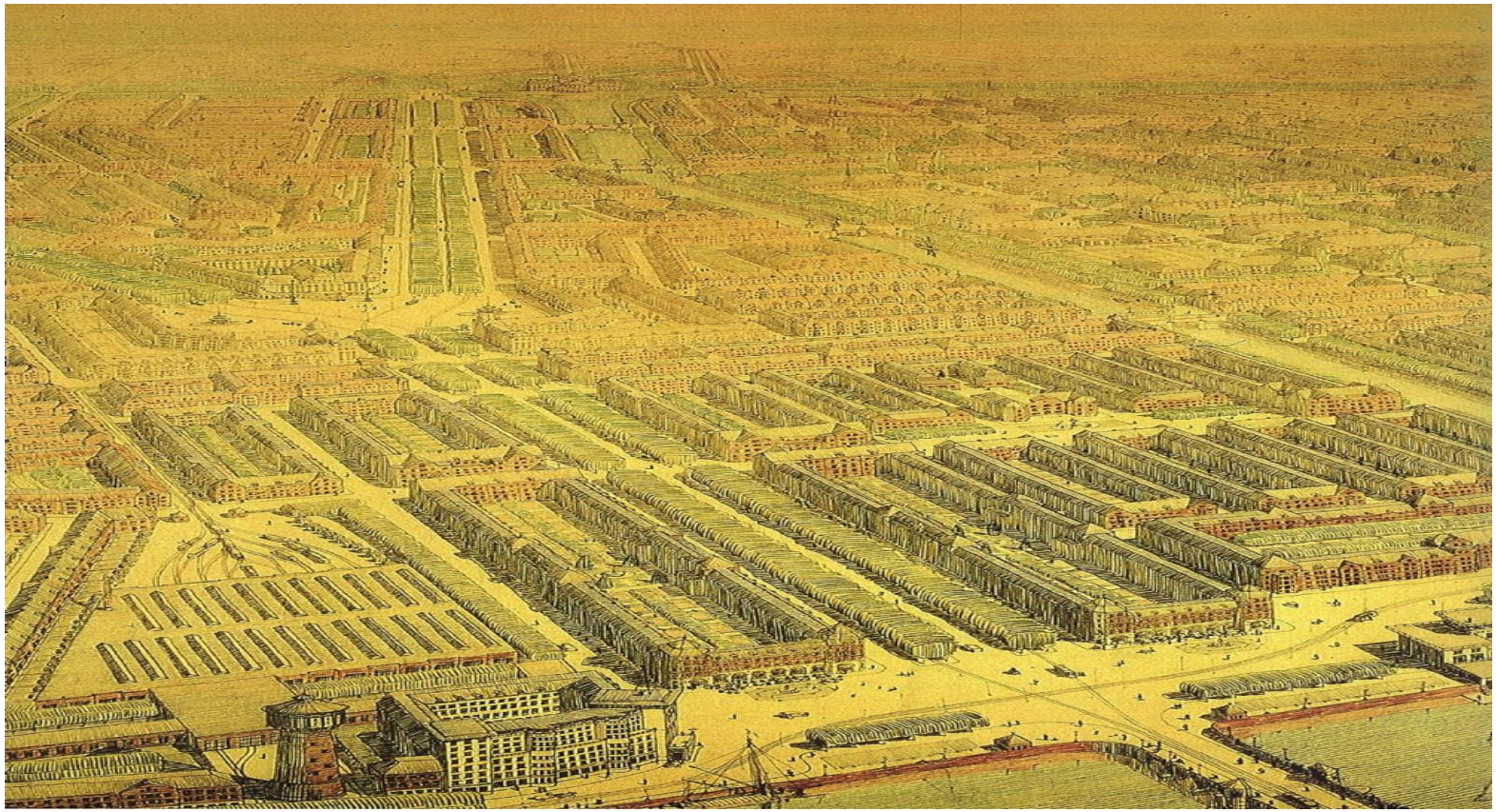
Groningen

A joint venture



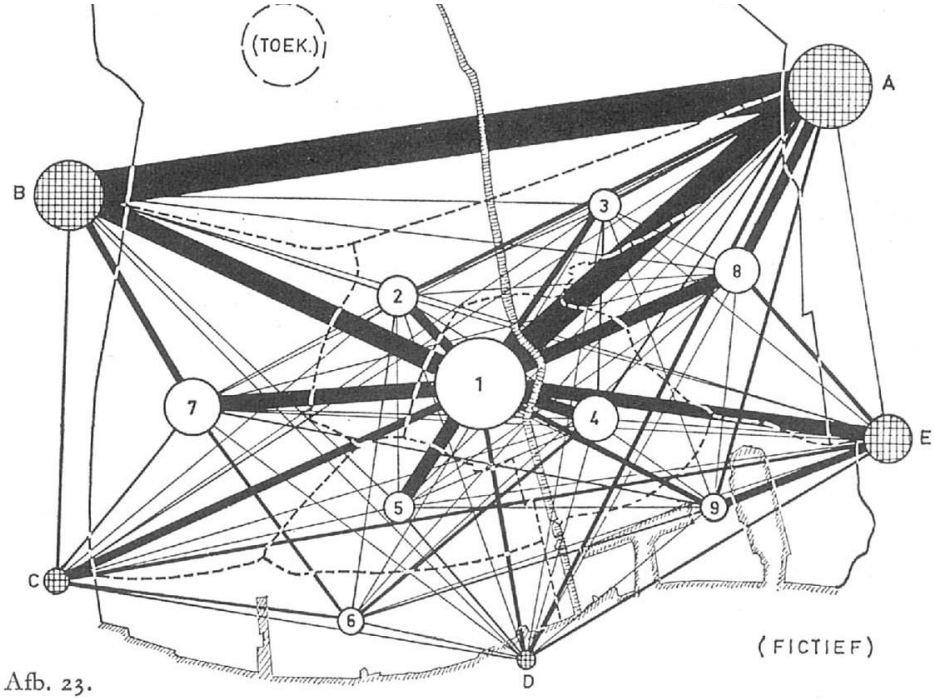
EXCELLENT CITIES
Urban Mobility Experts

Urban architects (untill 1900)

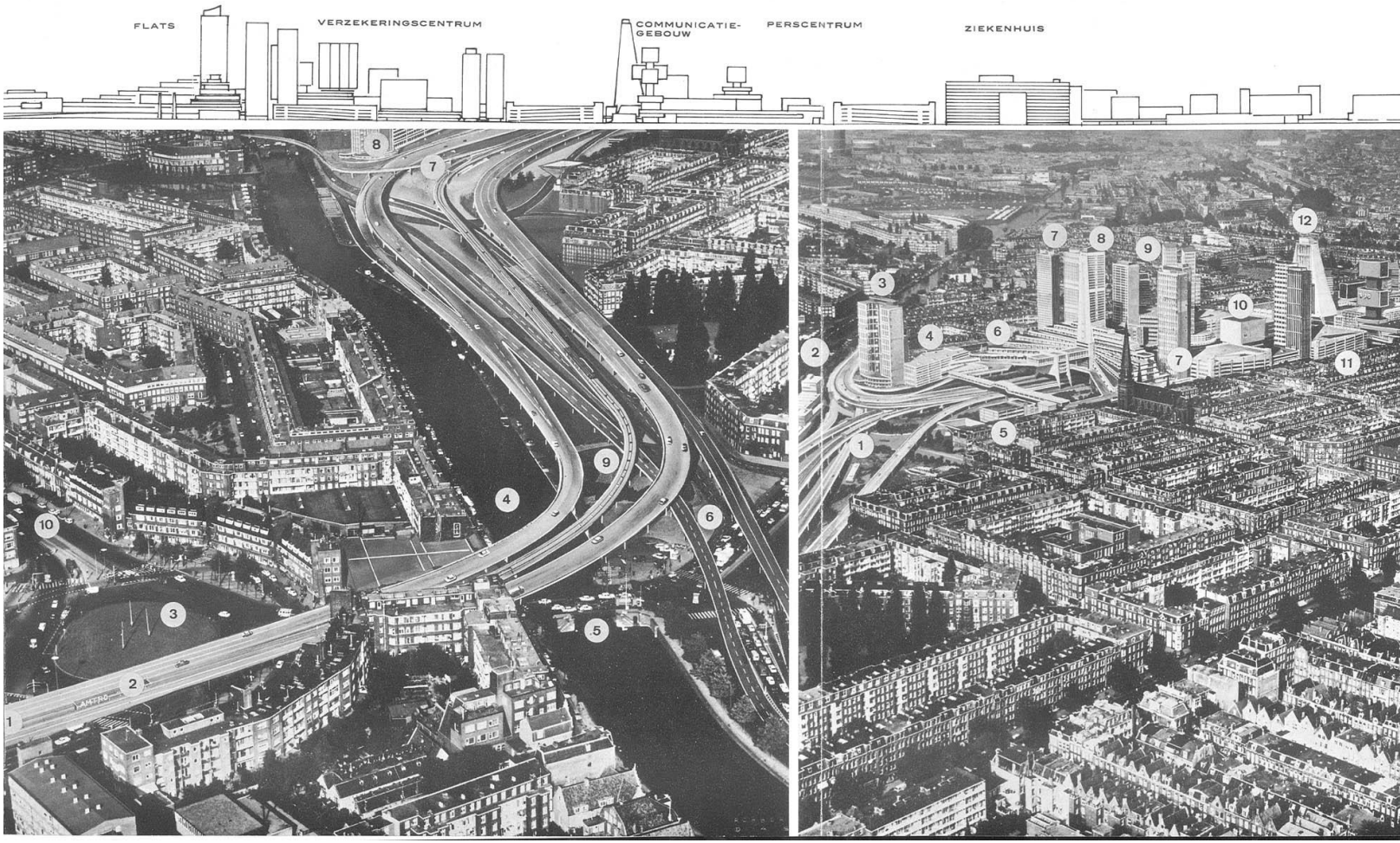


99
VICTORIA
VICTORIA
HOTEL

31



Afb. 23.


FLATS
VERZEKERINGSCENTRUM
COMMUNICATIE-GEBOUW
PERSCENTRUM
ZIEKENHUIS
1
2
3
4
5
6
7
8
9
10
11
12

EXCELLENT CITIES
Urban Mobility Experts

A seperation of two worlds

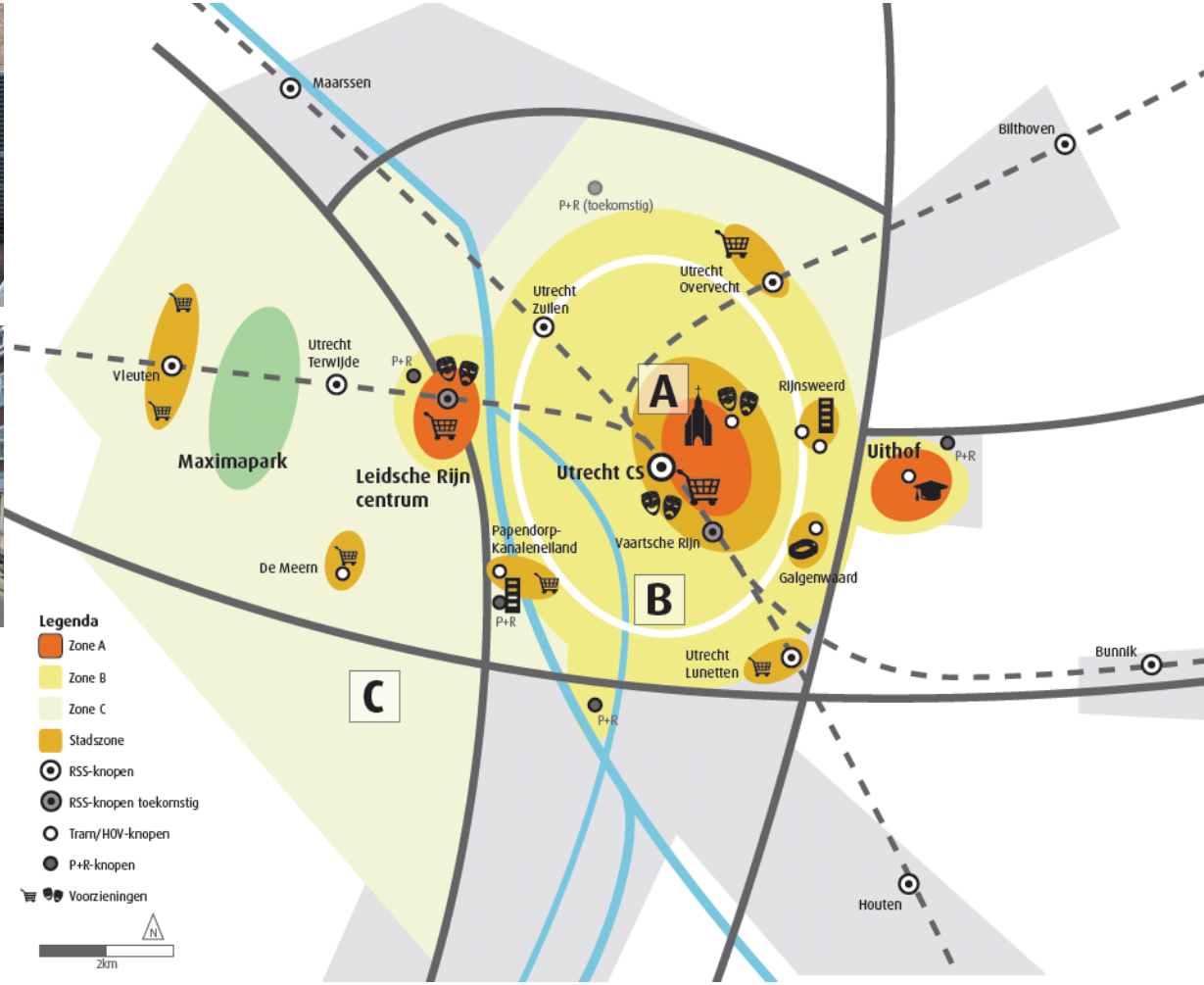
Able to cycle, but invite?

Principle II: Zoning in the city

A

B

C

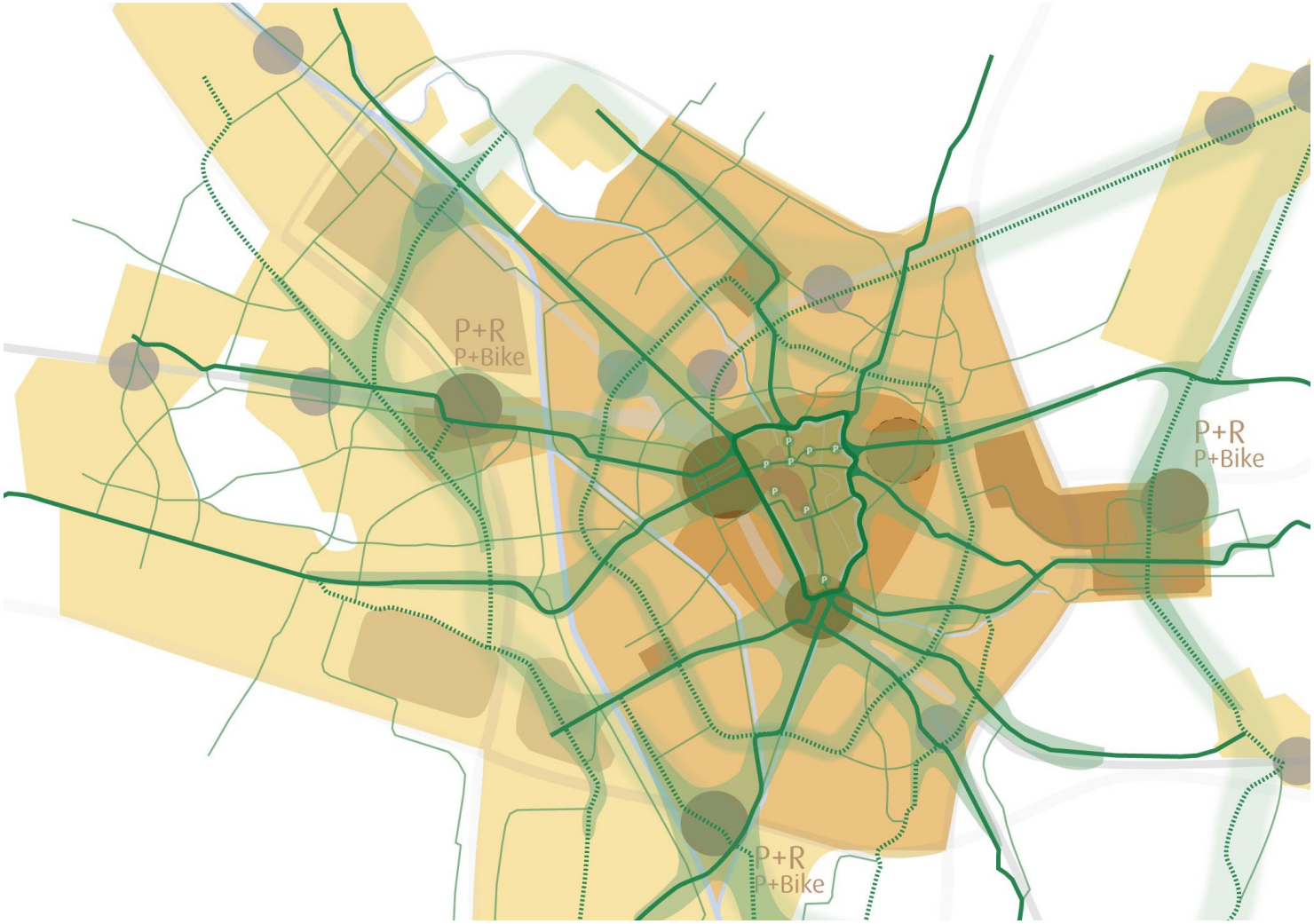

Maarssen
Bilthoven
P+R (toekomstig)
Utrecht Overvecht
Utrecht Zuilen
Vleuten
Utrecht Terwijde
P+R
Maximapark
Leidsche Rijn centrum
A
Rijnsweerd
Uithof
P+R
Utrecht CS
Papendorp-Kanalenelland
Vaartsche Rijn
Galgenwaard
De Meern
P+R
B
Utrecht Lunetten
Bunnik
C
P+R
Houten
Legenda
Zone A
Zone B
Zone C
Stadszone
RSS-knopen
RSS-knopen toekomstig
Tram/HOV-knopen
P+R-knopen
Voorzieningen
N
2km

EXCELLENT CITIES
Urban Mobility Experts

A

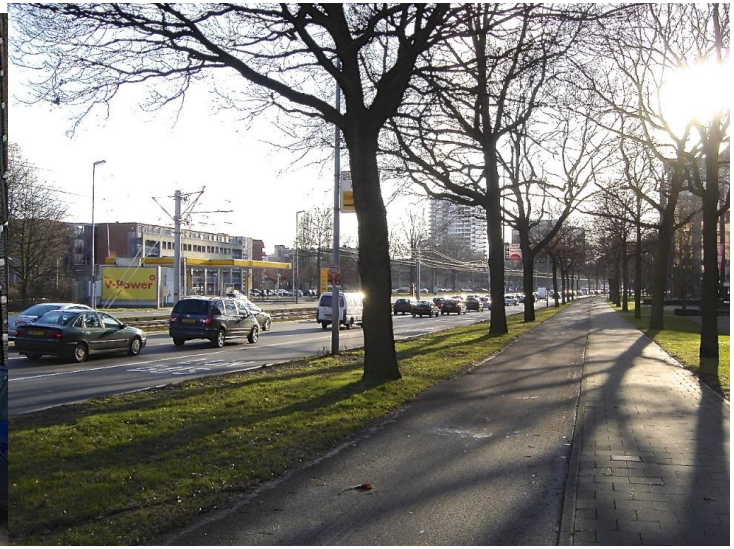
EXCELLENT CITIES
Urban Mobility Experts

B



B

1,8 km

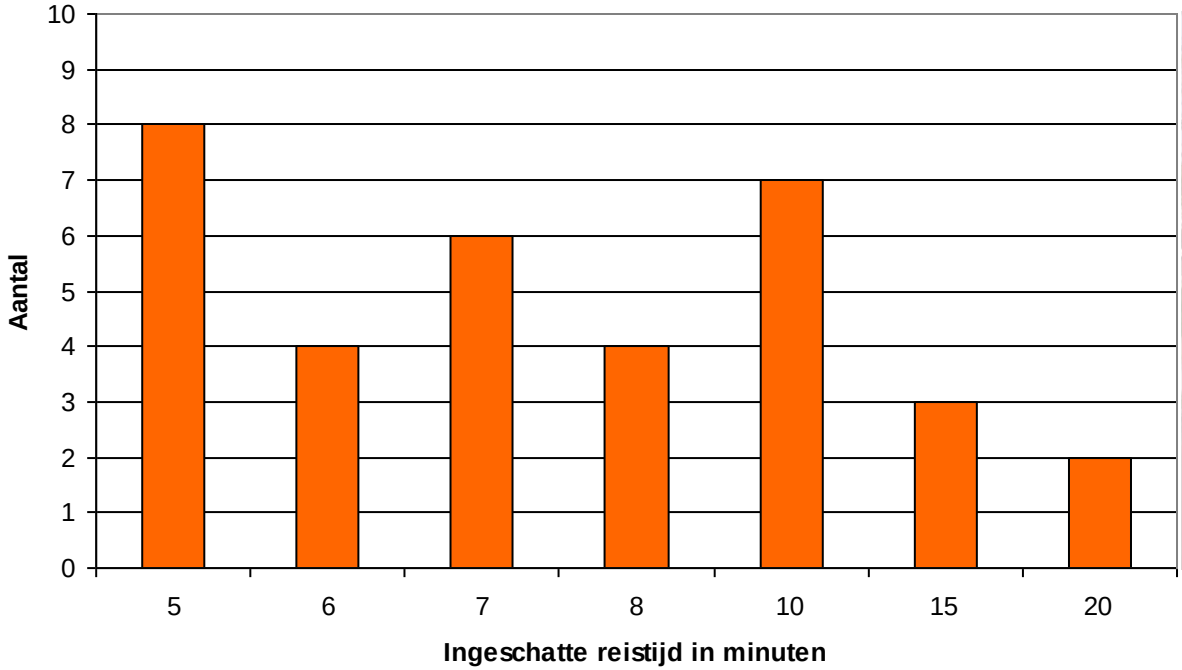


1,6 km

85% of cyclists choose the longer route!!

- 50% because they think it’s nicer
- 30% because they think it’s shorter
- 40% because they think it’s faster

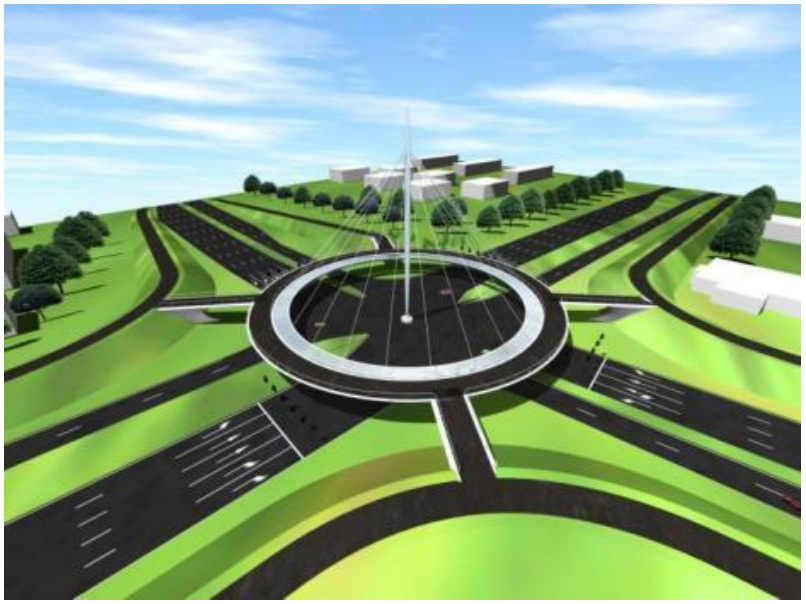
B



Designing principles to invite-level

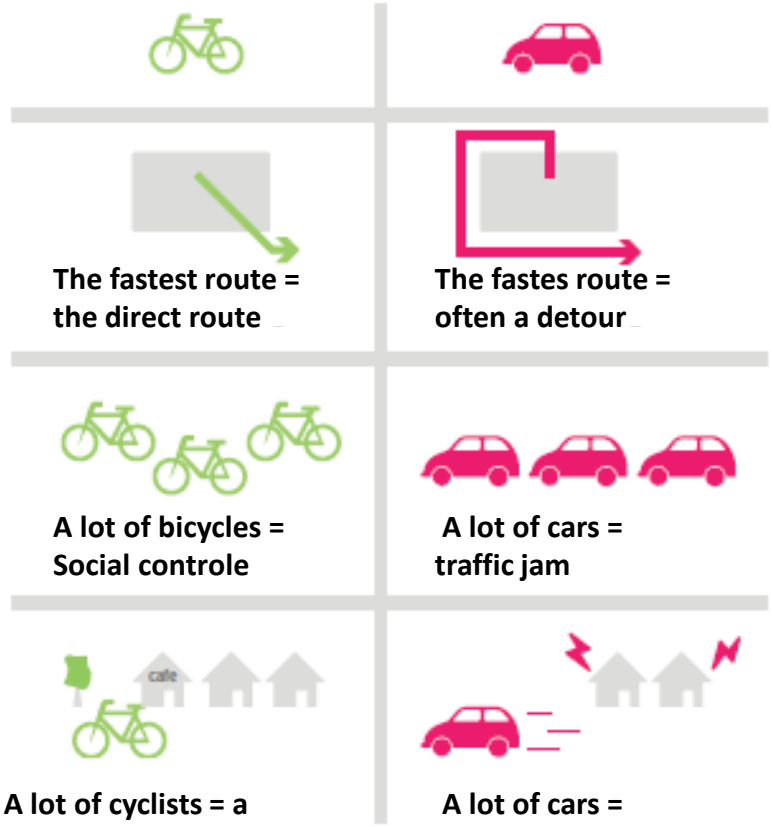
- “Cycling streets”
- Attractive boulevards, spatial continuity
- No massive carroads > 15.000 veh/ day
- Easy crossings (avoid stress)

EXCELLENT CITIES
Urban Mobility Experts



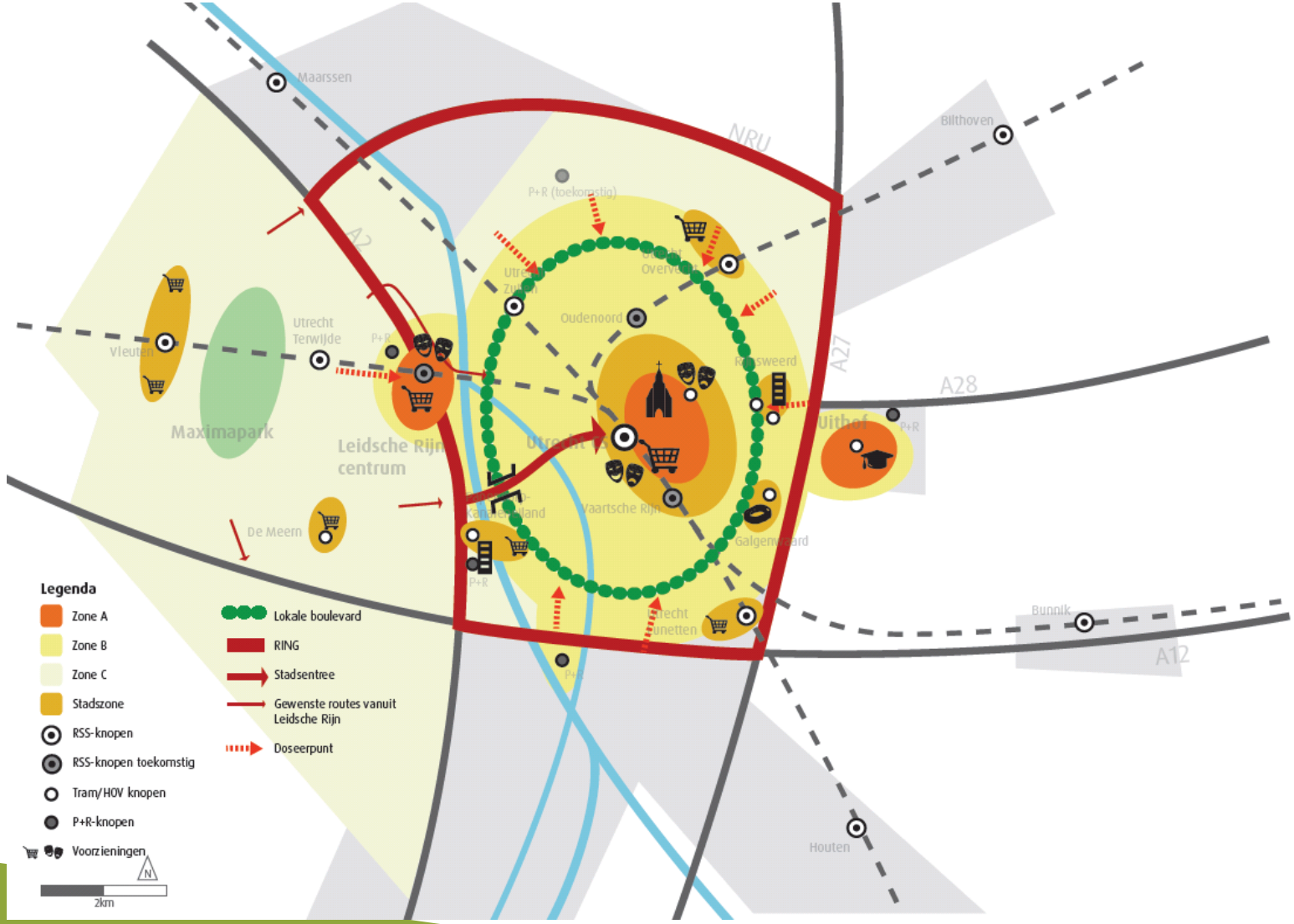
C

Principle III: reorganise carnetworks to create space for cyclists

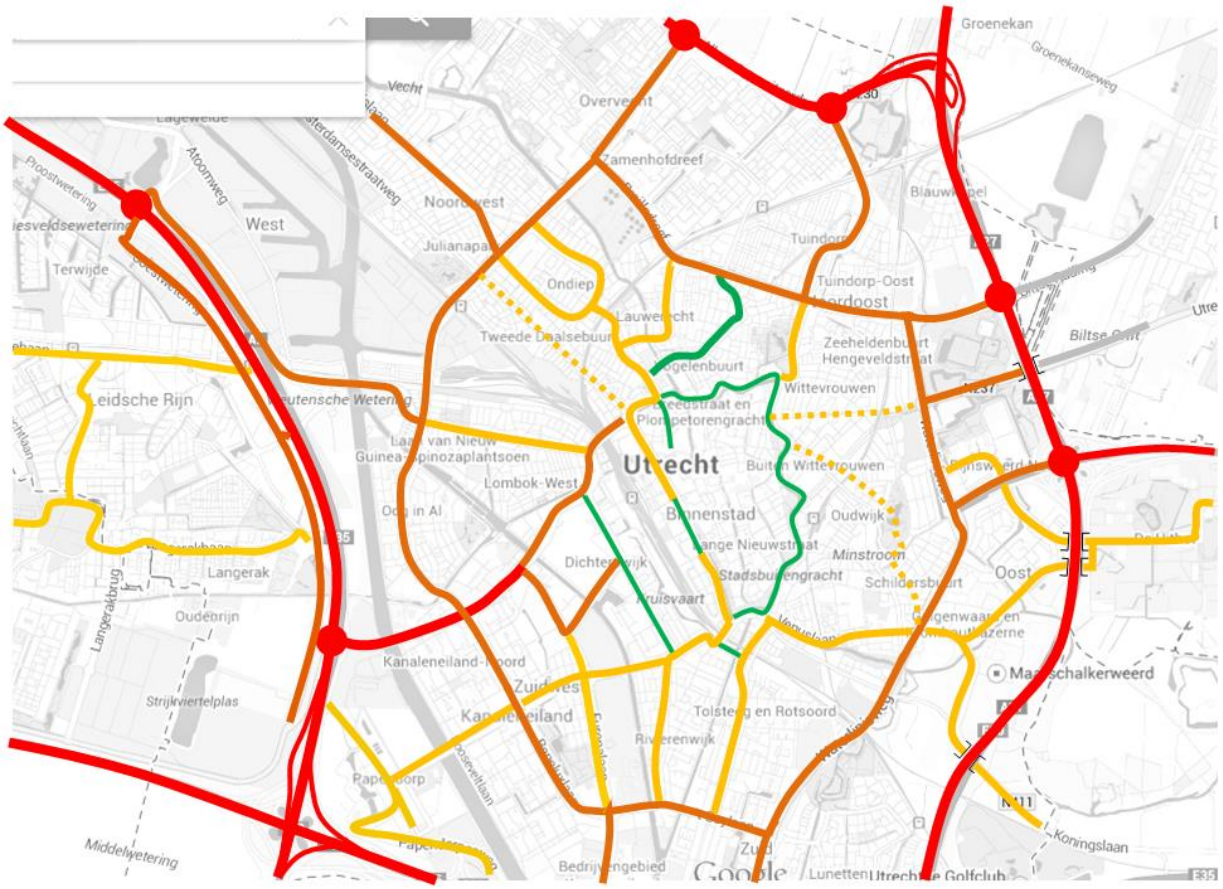


EXCELLENT CITIES
Urban Mobility Experts

“The best cycle plan is a car-networkplan”



What car-intensity can the city handle?



Car = guest
< 10.000 veh/day

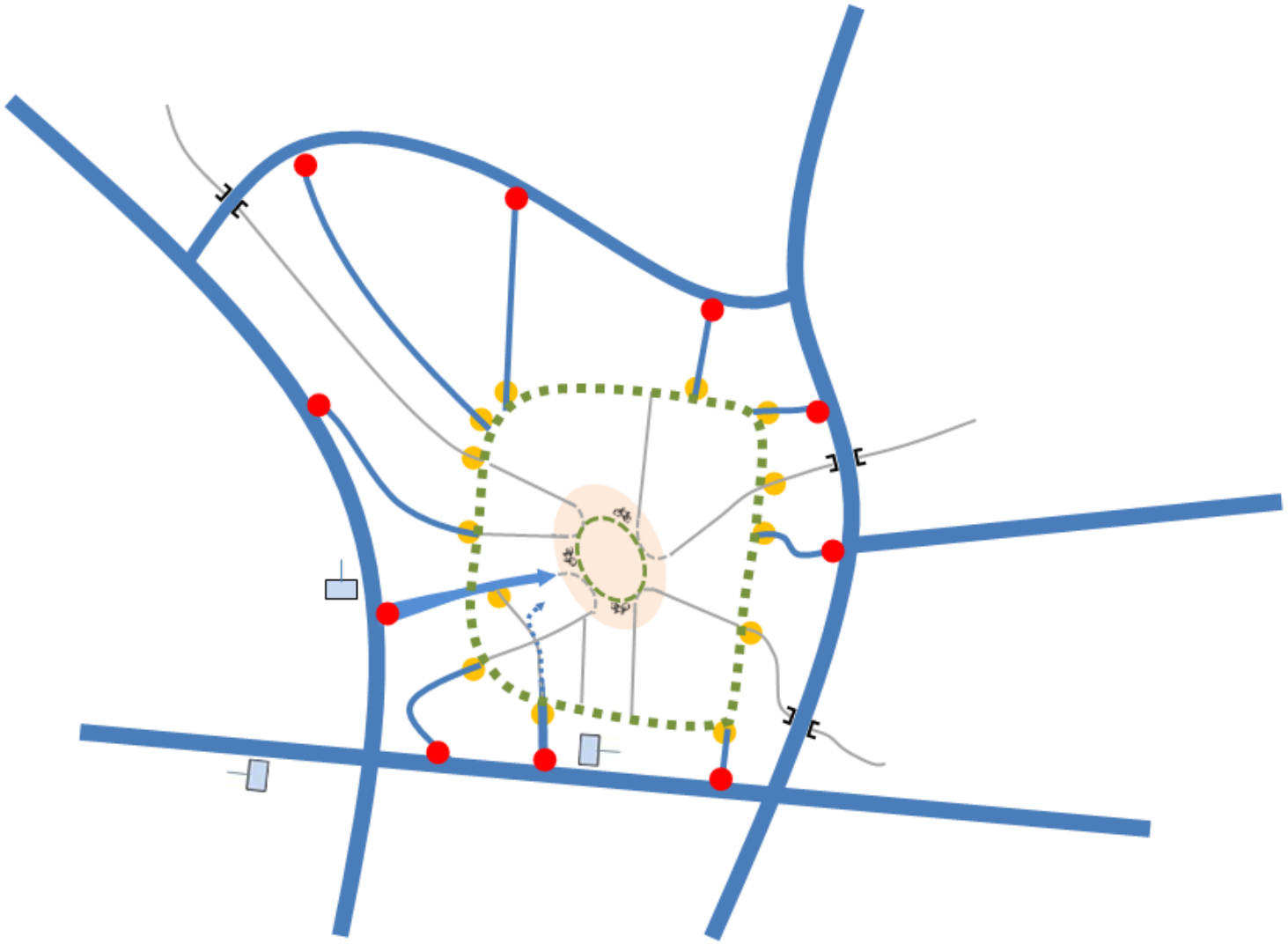
Unlimited crossing
10 – 15.000 veh/day

Regulated crossing
15 – 20.000 veh/day

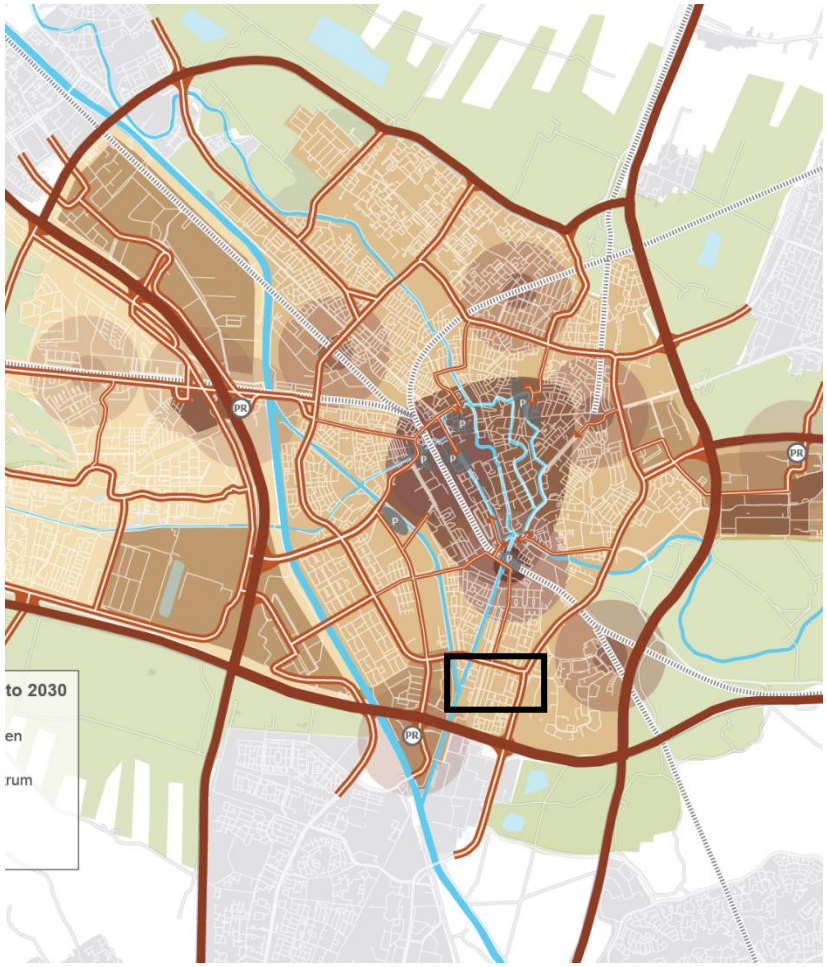
Separated crossing
> 20.000 veh/day

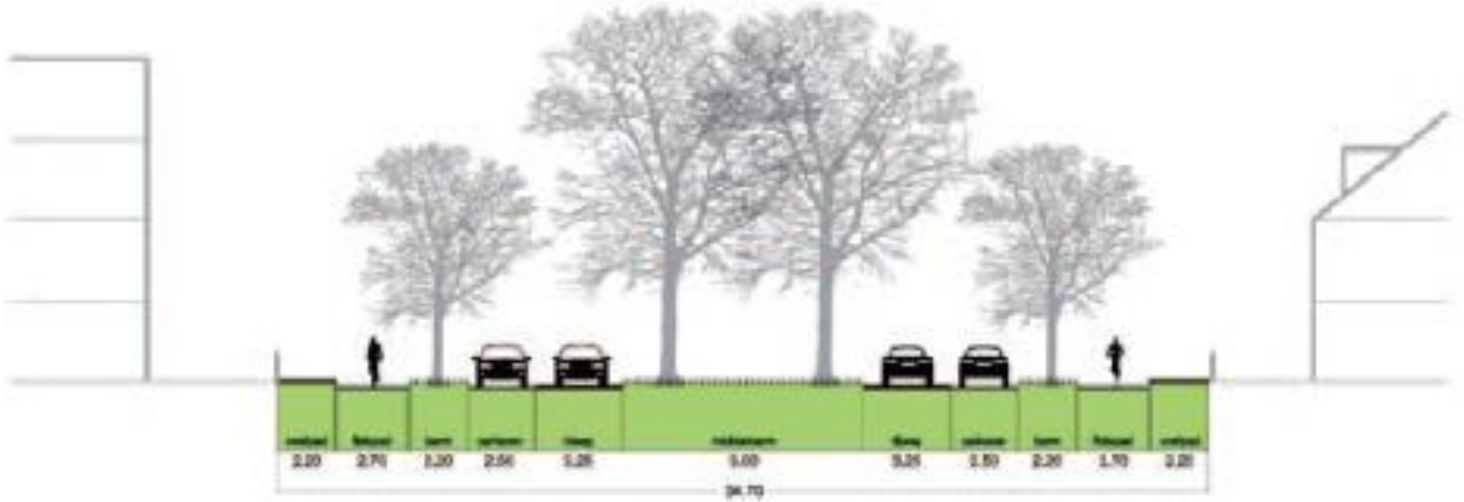
EXCELLENT CITIES
Urban Mobility Experts

Smart traffic-management



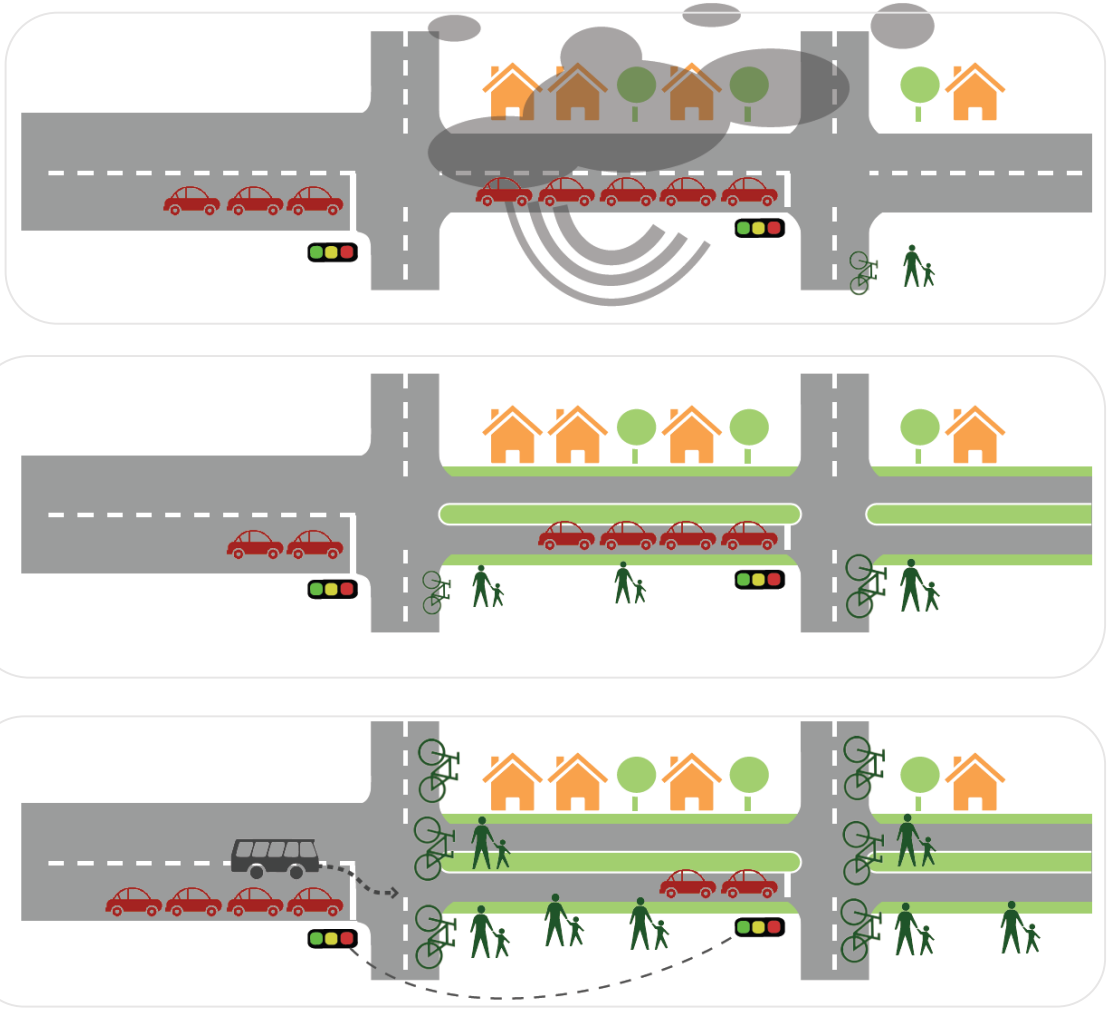
The project ‘Goylaan’



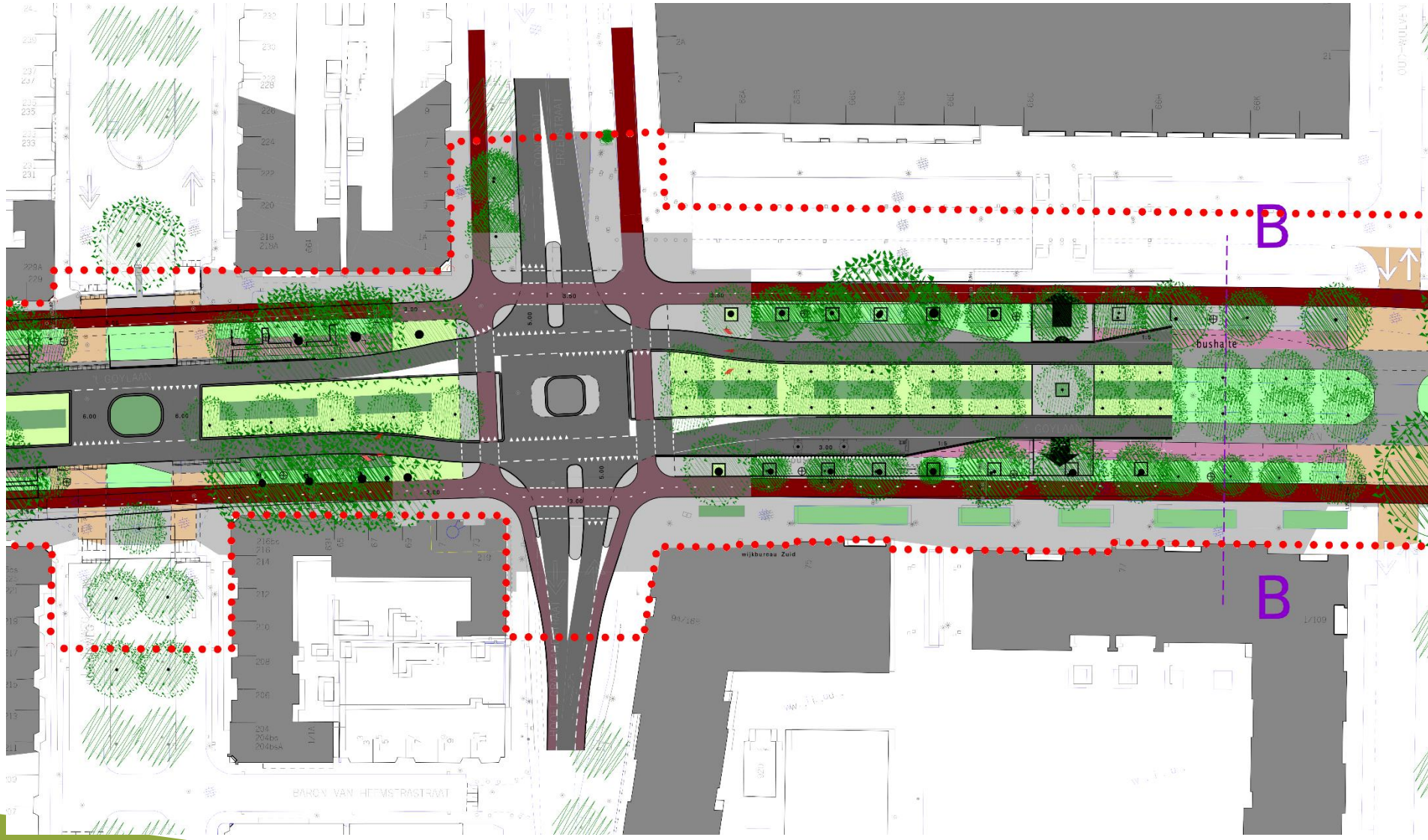


Ideaalbeeld: Lessinglaan

EXCELLENT CITIES
Urban Mobility Experts



EXCELLENT CITIES
Urban Mobility Experts



Goylaan: from able to invite!

Same principles in other cities applicable?

- Levels of quality: dare, able invite
- Zoning in the city: A, B, C
- Reorganising carnetworks for space for cyclists?