

Cycling Infrastructure the case of the FR30 – ‘de Brugse Stadsfietsroute’

Bart Slabbinck, city of Bruges



The European Horizon 2020 Handshake-project Commitment of the city of Bruges

Bruges sees Handshake as an opportunity to push cycling to the next level. Thanks to the support and knowledge exchange of the CCs, Bruges will be able to take innovative steps within a shorter time frame. Bruges intends to identify weak links near the city centre. Apart from that, the city will 1° participate in a masterplan process on how to optimize the (cycling) infrastructure near the train station whereby a cycling bridge will be investigated and will 2° gain further knowledge on communication strategies.

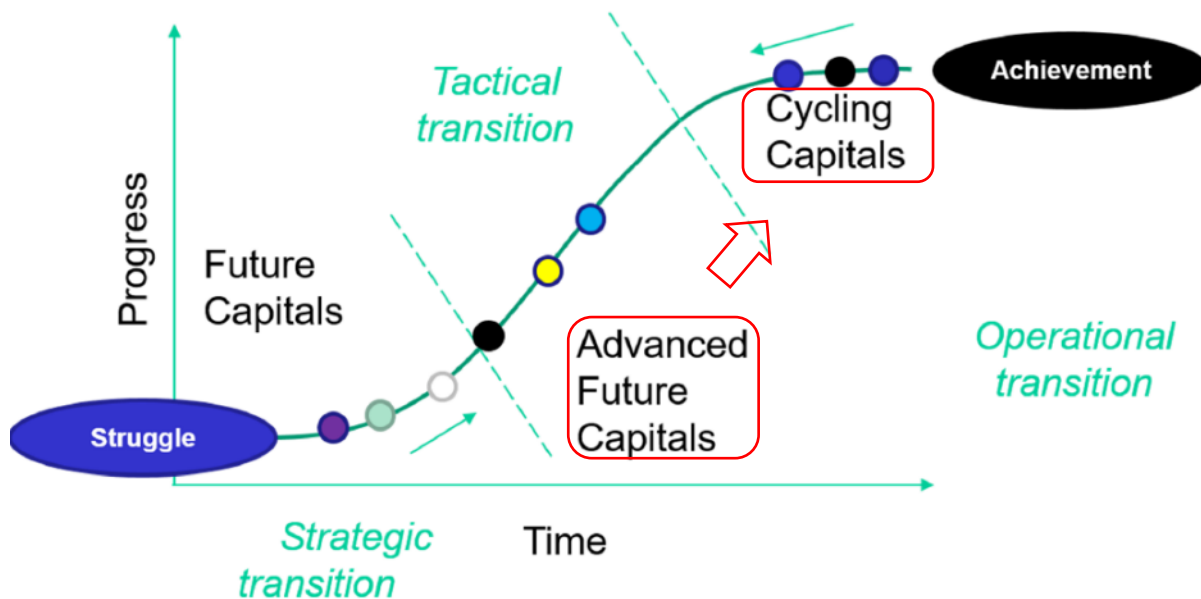


Figure 2: Transition Management process over time

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Cycling solutions

Bruges is focusing on the interplay of its cycling network with other infrastructure, such as its major roads and railway station.

[Mentor: Amsterdam](#)

Planning, Regulations and Standards

Network Planning →

All cycling routes from the suburbs run towards the city centre. Due to the increase in cycling, existing cycling infrastructure alongside...

Infrastructure and Services

Bridging Gaps →

A pivotal point in the (cycling) infrastructure network is at the train station where the highest numbers of cyclists are recorded. On the...

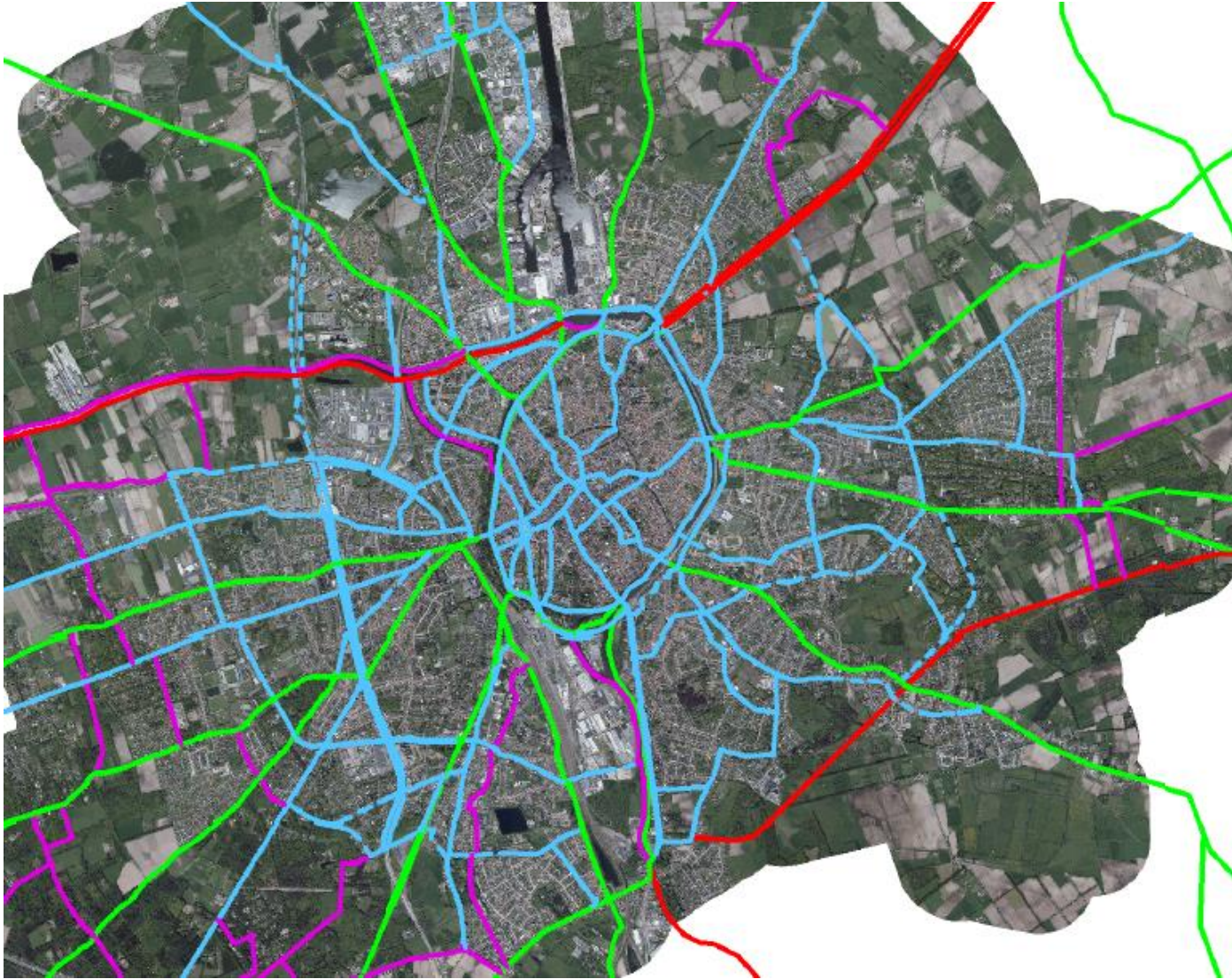
Awareness and Education

Cycling for All Ages →

Bruges is collecting data from 4 general counts of modal split per year. The city wants to gain further expertise in collecting data for...

Not all roads lead to Rome
All cycling roads lead to the centre of Bruges

... but this has one downside ...



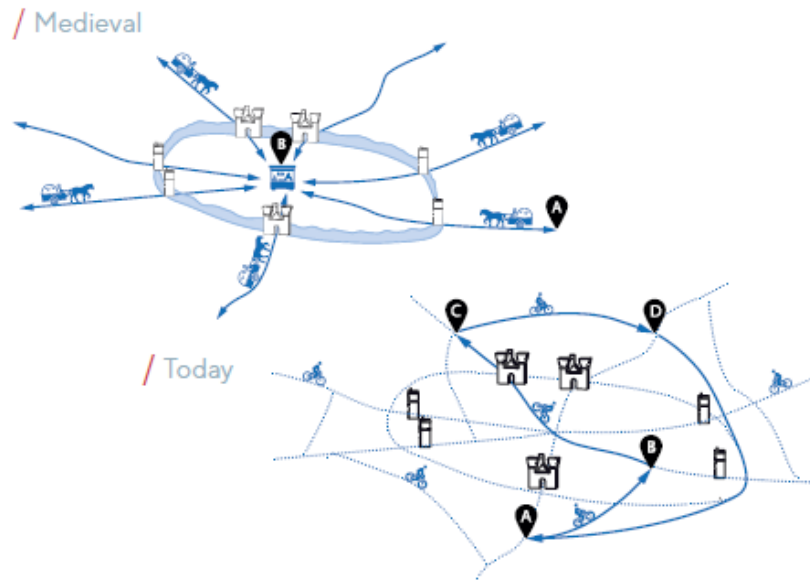
STADSFietsROUTE

FR30

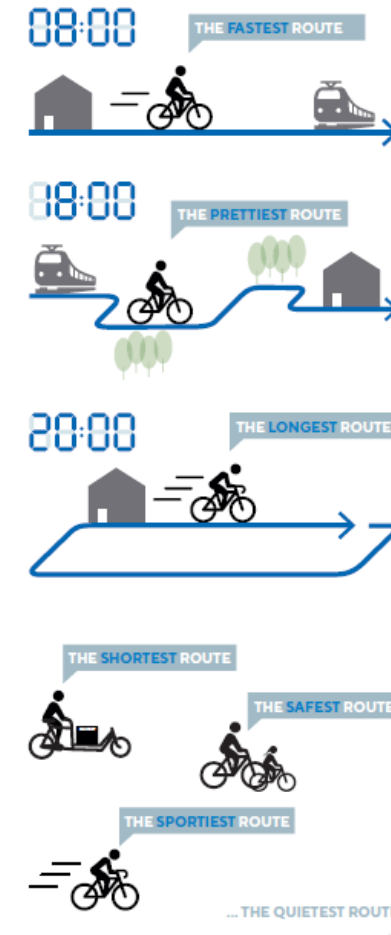


Which network 2.0 do we want to have ? Which cycling connections have to be facilitated ?

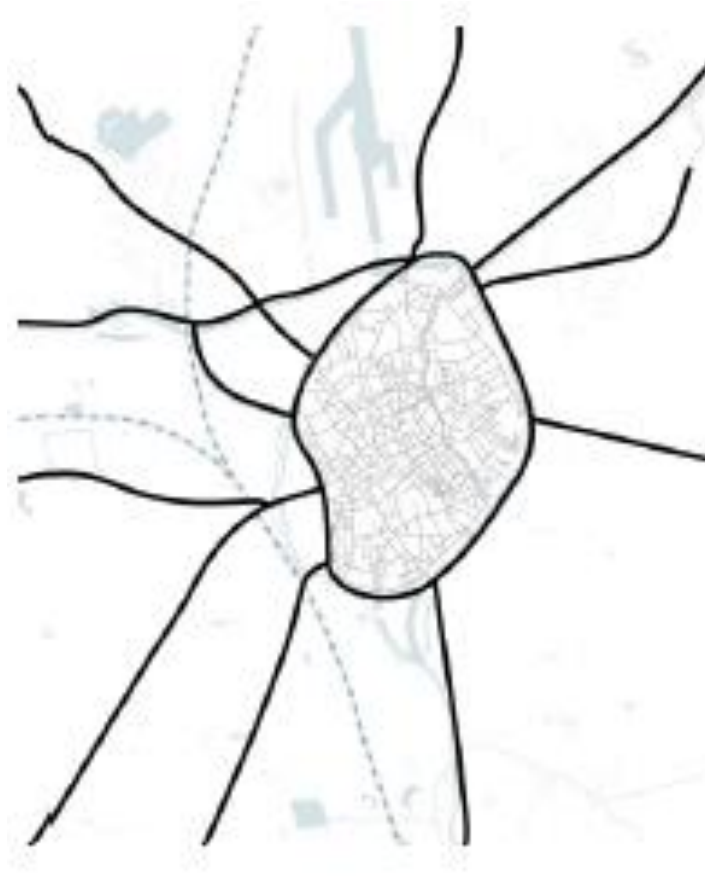
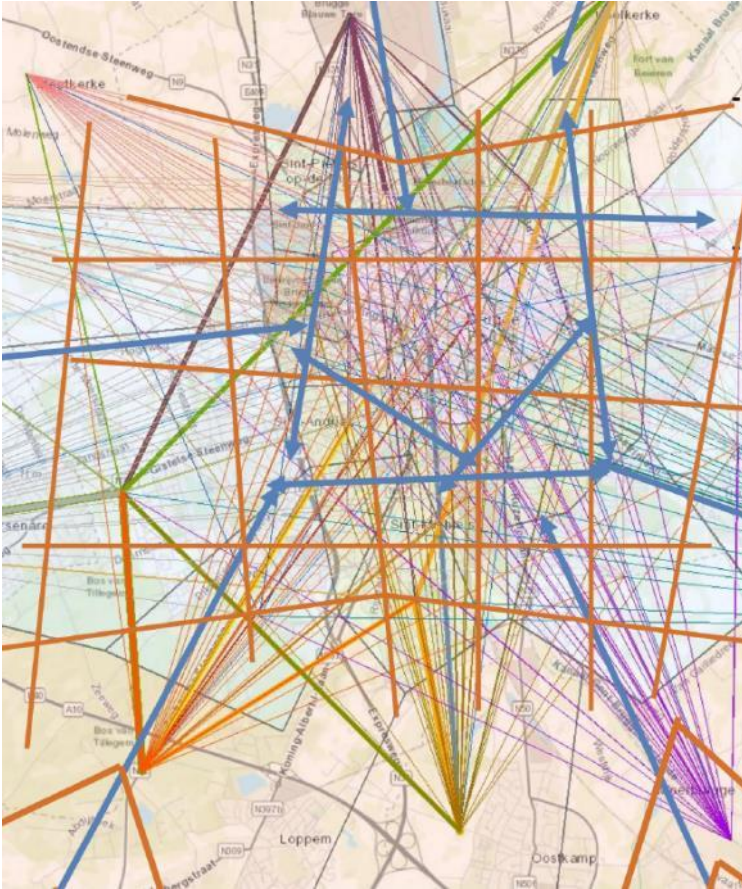
Not all trips are centre-oriented



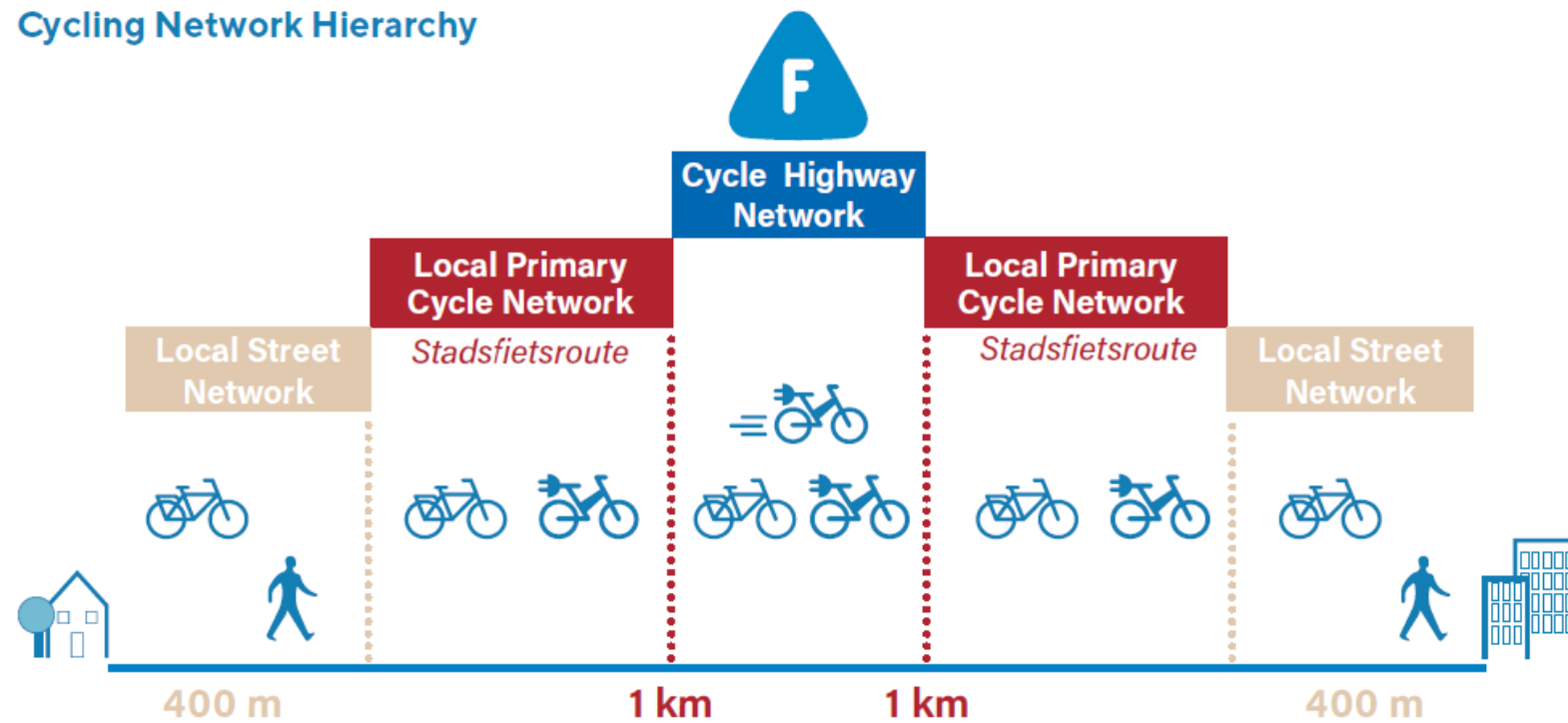
There is no such thing as the trip



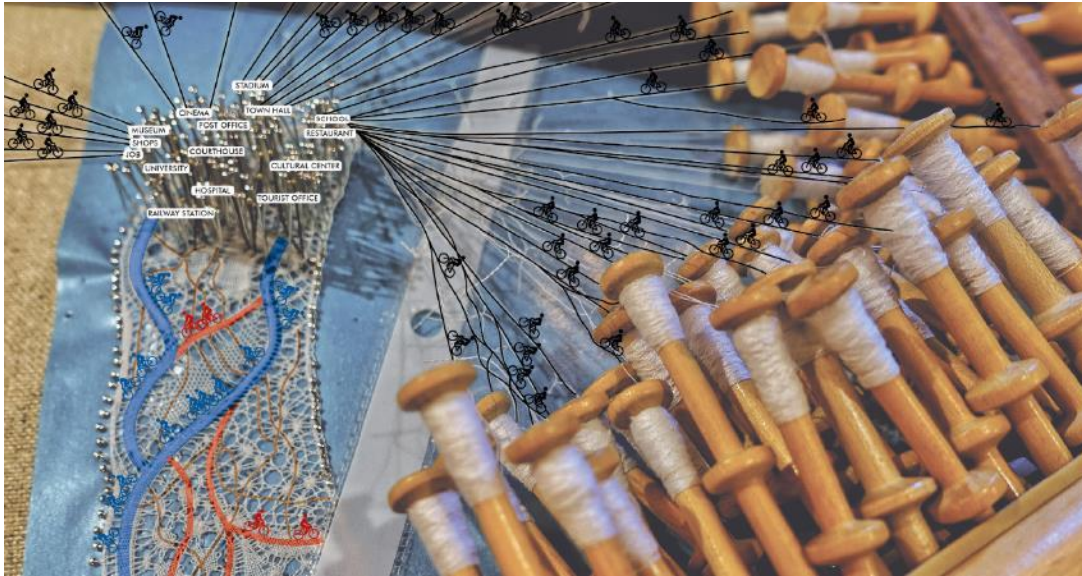
Of course some trips – routes are more important than others



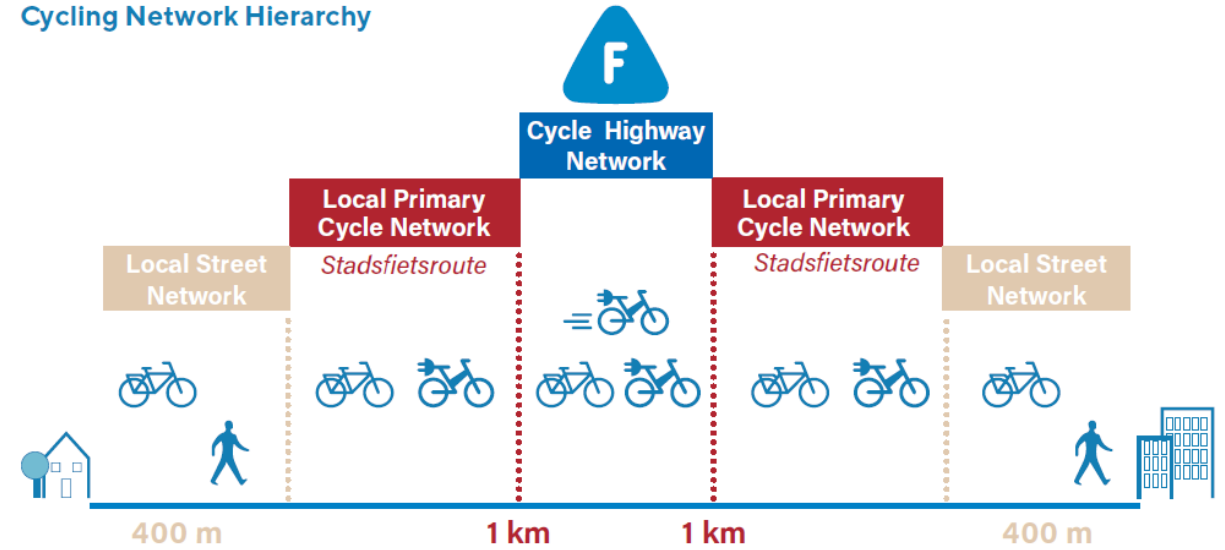
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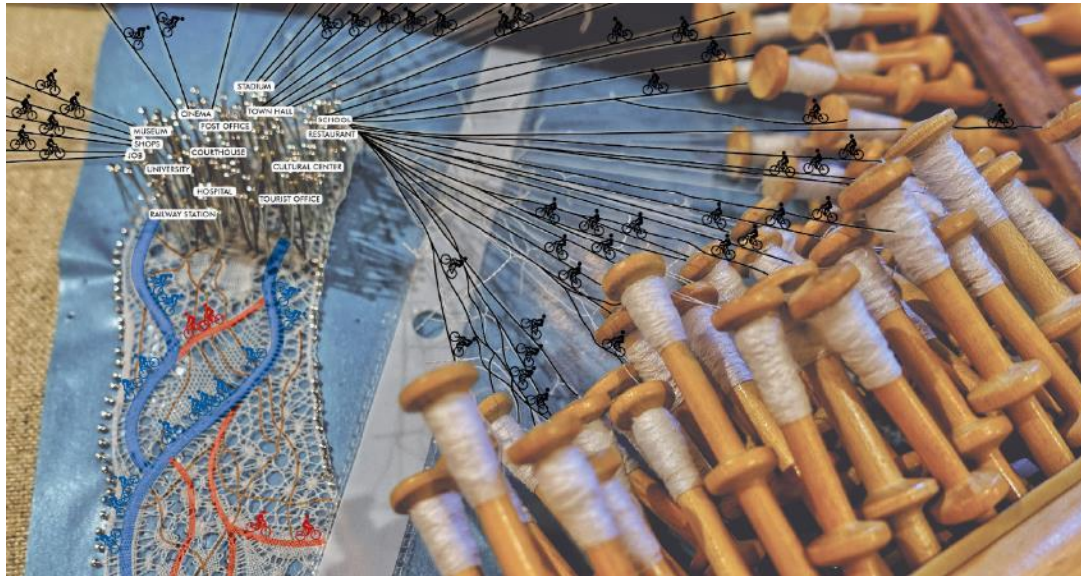
Lesson 1 : a cycling network is as a lace – create a comprehensive network isn't the cycling network as strong as its weakest link ?



Cycling Network Hierarchy



Lesson 1 : a cycling network is as a lace – create a comprehensive network
... it also guides you in identifying quick wins / strategic actions / ...
... it also guides you in identifying partners / win-win projects / ...



| Target | Target indicator | Target description | Target unit | Target value | Target period | Target status | Target achievement |
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| Project / Step / Activity | Process | Key activities / Tasks | Responsible | Start Date | End Date | Duration (Days) | Priority | Notes |
|---------------------------|-------------------------------------|---|-----------------|------------|------------|-----------------|----------|-------|
| Project Initiation | Define project scope and objectives | Identify project goals, scope, and deliverables | Project Manager | 2023-01-01 | 2023-01-15 | 15 | High | |
| | Identify stakeholders | Identify all parties affected by the project | Project Manager | 2023-01-15 | 2023-01-25 | 10 | High | |
| | Develop project charter | Create a formal document that defines the project's purpose, goals, and scope | Project Manager | 2023-01-25 | 2023-02-10 | 15 | High | |
| Project Planning | Develop project management plan | Define the project's scope, schedule, budget, and resources | Project Manager | 2023-02-10 | 2023-02-25 | 15 | High | |
| | Identify risks | Identify potential risks that could impact the project | Project Manager | 2023-02-25 | 2023-03-10 | 15 | High | |
| | Develop communication plan | Define how project information will be communicated | Project Manager | 2023-03-10 | 2023-03-25 | 15 | High | |
| Project Execution | Execute project plan | Implement the project plan and manage resources | Project Manager | 2023-03-25 | 2023-04-10 | 15 | High | |
| | Monitor project progress | Track project progress and performance | Project Manager | 2023-04-10 | 2023-04-25 | 15 | High | |
| | Manage project risks | Identify and manage risks that could impact the project | Project Manager | 2023-04-25 | 2023-05-10 | 15 | High | |
| Project Closure | Complete project | Finalize all project activities and deliverables | Project Manager | 2023-05-10 | 2023-05-25 | 15 | High | |
| | Obtain project closure approval | Obtain approval from stakeholders to close the project | Project Manager | 2023-05-25 | 2023-06-10 | 15 | High | |
| | Archive project information | Store project information for future reference | Project Manager | 2023-06-10 | 2023-06-25 | 15 | High | |

[illegible]

But mobility is more than just traffic
But cycling is of course more than getting from A to B

Ceci n'est pas un ring



But cycling is of course more than getting from A to B

Ceci n'est pas un ring

Less speed, more city



find the differences ... what is the added value for cyclists when cycling ?

But mobility is more than just traffic
But cycling is of course more than getting from A to B

Do we want a cycling highway in the heart of our city ?



fly-over Gent – a highway straight to the heart of Gent ... a car oriented vision / inspiration

But cycling is of course more than getting from A to B

Ceci n'est pas un ring

Less speed, more city

**Bicycle = a tool
to highlight the
quality of the ring
zone**

The cycle network
is a part of a rich
urban and natural
system

Cultural elements

Historical elements
(vesten, poorten)

Green areas

Water system

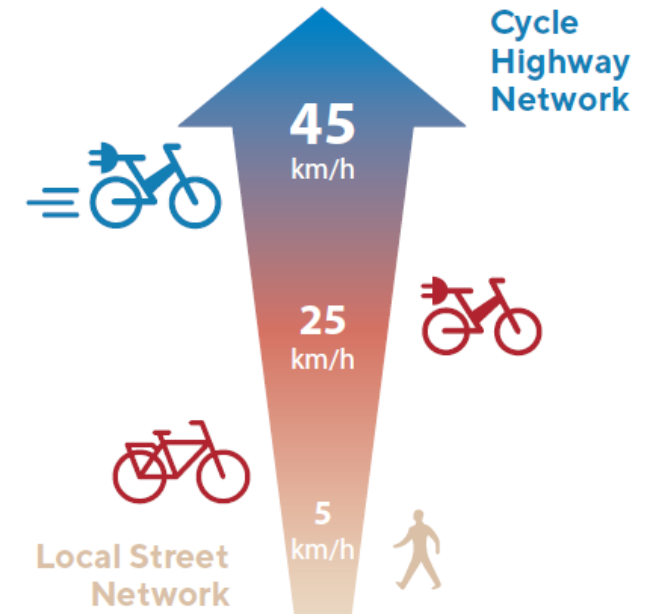
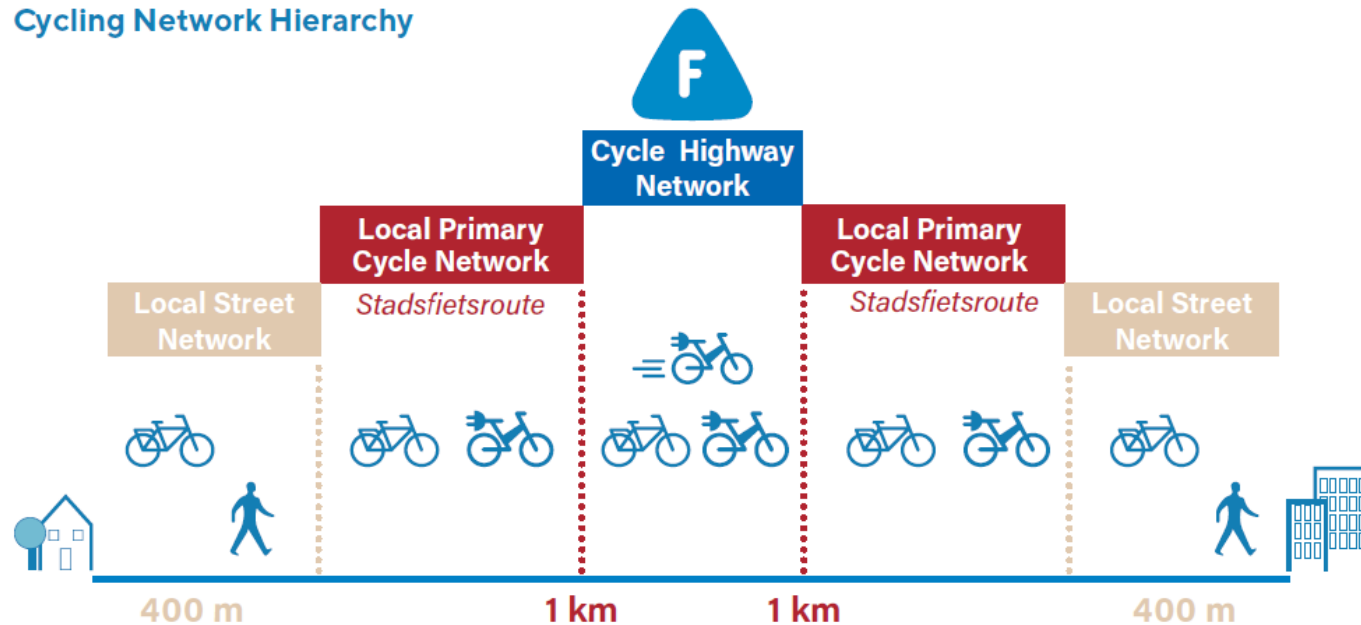


Lesson 2 : mobility planning is no traffic planning
mobility planning should be about city planning

which city do we want ? and which role cycling can play in this ?

less speed, more city

Cycling Network Hierarchy



We need a cycling network fitting the city's DNA

We need a cycling network fitting the city's DNA
Cycling paths are also space-consuming

- Case study Guido Gezellelaan & Hendrik Consciencelaan

too many cyclists for a too narrow bidirectional cycling path



We need a cycling network fitting the city's DNA
Cycling paths are also space-consuming

- Case study Guido Gezellelaan & Hendrik Consciencelaan

vision : “Vestenstraat -> Cycling Street”



If the only tool you have
is a hammer, **you tend to
see every problem as a
nail**



Abraham Maslow

We need a cycling network fitting the city's DNA
The best cycling plan is a car traffic circulation plan

- The case study Houtkaai

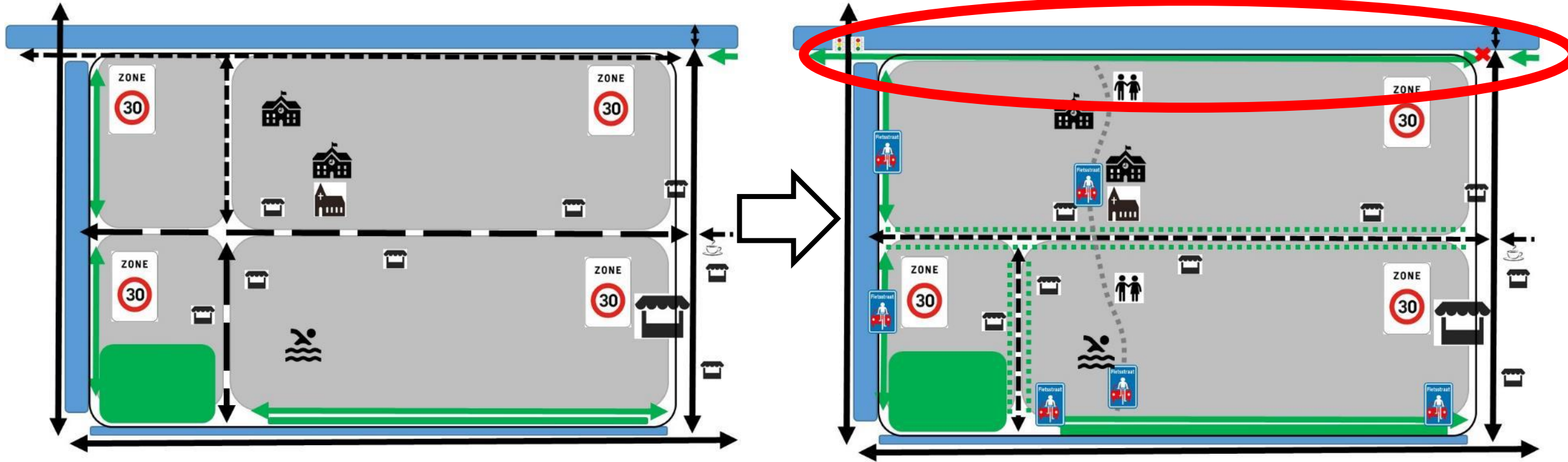


- Too narrow cycling path
- Conflicts with pedestrians
- High speed
- Through traffic

We need a cycling network fitting the city's DNA
The best cycling plan is a car traffic circulation plan

- The case study Houtkaai

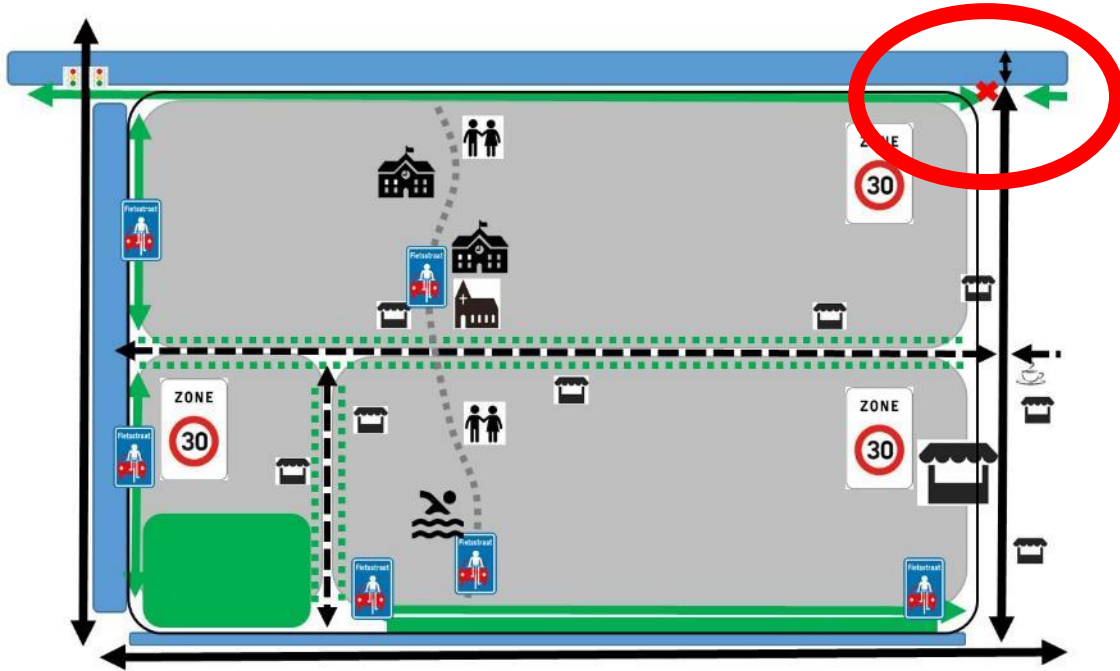
FR30 embedded in a neighbourhood mobility plan



We need a cycling network fitting the city's DNA
The best cycling plan is a car traffic circulation plan

- The case study Houtkaai

sometimes it is as easy as placing 4 poles



We need a cycling network fitting the city's DNA
The best cycling plan is a car traffic circulation plan

- The case study Houtkaai Vision : Houtkaai – Cycling street and cycling path => sidewalk for pedestrians and joggers along the waterside



Conclusion

- Lesson 1 : create a comprehensive network
- Lesson 2 : cycling is not only a way of moving
which city do you want ? How can cycling help you to realise this dream ?
How can cyclists experience this dream ?
- Lesson 3 : cycling infrastructure is more than building cycling paths



Want to know more ?

