

POLIS

CITIES AND REGIONS FOR TRANSPORT INNOVATION

ANNUAL
CONFERENCE
2024

27-28 NOVEMBER 2024

KARLSRUHE (DE)



Baden-Württemberg
Ministry of Transport



Karlsruhe



2A. Cycling all the way

14:30 AM - 16:00 AM

27 November 2024

Jill Waren, ECF



Cyclostrades in Brussels

Cycle highways in an urban context

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LinkedIn: Tim De Roeck



Study by

www.mintnv.be



www.omgeving.be

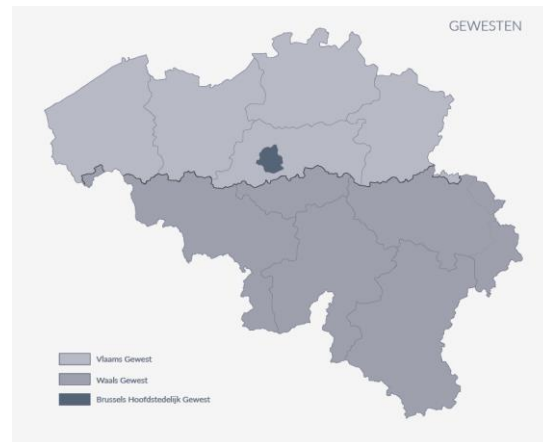


Ordered by

www.beliris.be



Public institution of the Belgian government that realizes projects for and in Brussels



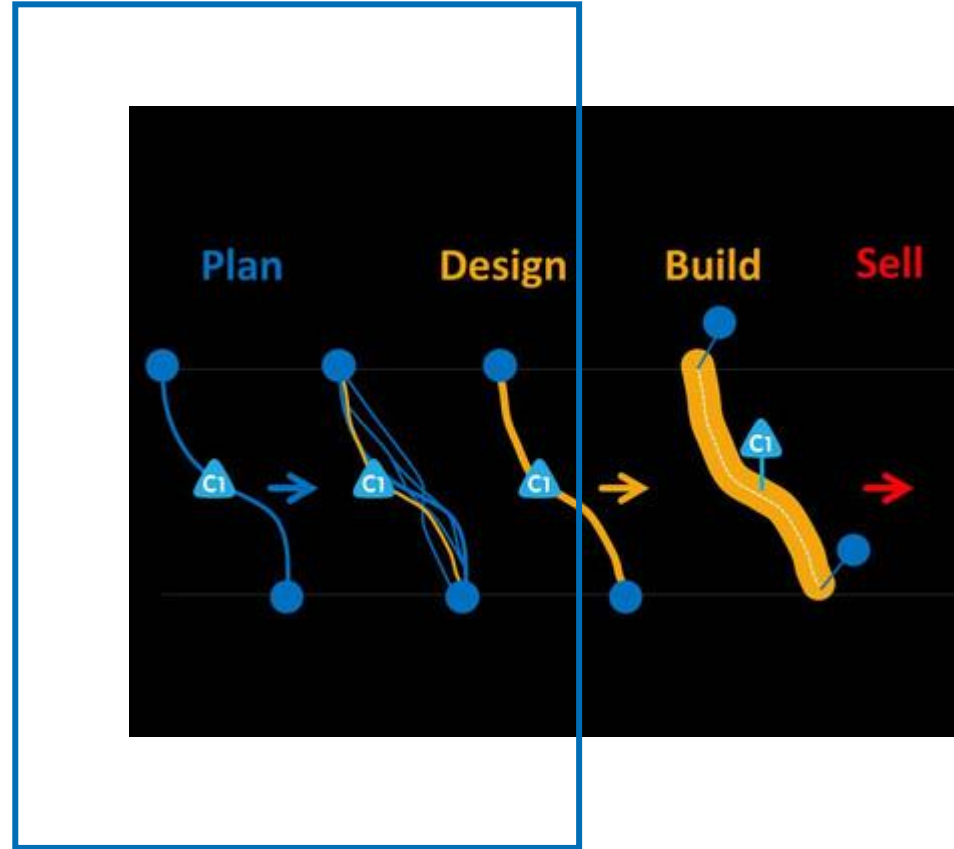


What is a cycle highway?

A cycle highway is a mobility product that provides a high-quality, functional cycling connection. It's the backbone of a cycle network, connecting cities, suburbs, residential areas and major (work) places for all kind of different users.
(www.cyclehighways.eu)



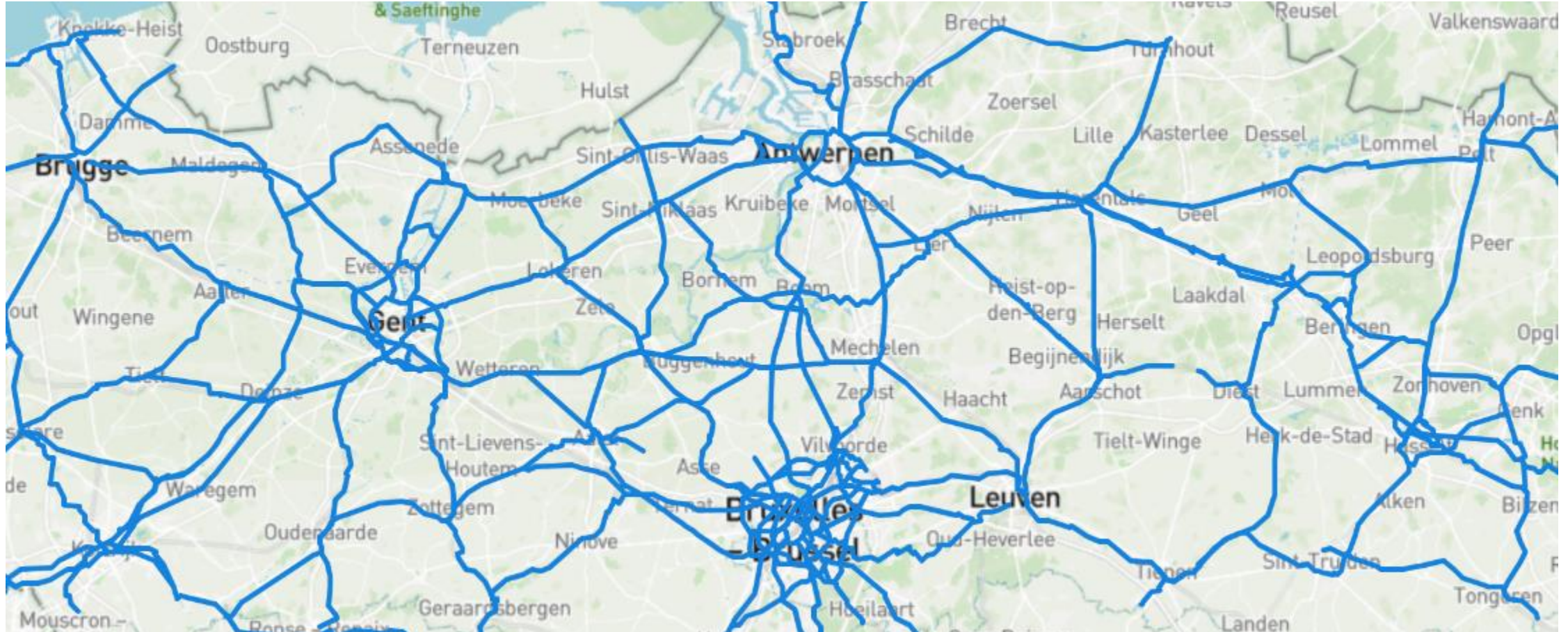
How?



(www.cyclehighways.eu)



Extended cycle highway network in Belgium





Design criteria/principles

Point de vue de cycliste / Fietsoogpunt / Bicycle's point of view



cohérence
samenhang

coherence



caractère direct
directheid

directness



attractivité
aantrekkelijkheid

attractiveness



sécurité
veiligheid

safety



confort
comfort

comfort



Cycle highway in Flemish Region: from city to city





Cycle highway in Flemish Region: from city to Brussels





BELIRIS: 1.35 – CYCLOSTRADES along the train tracks

Coherent

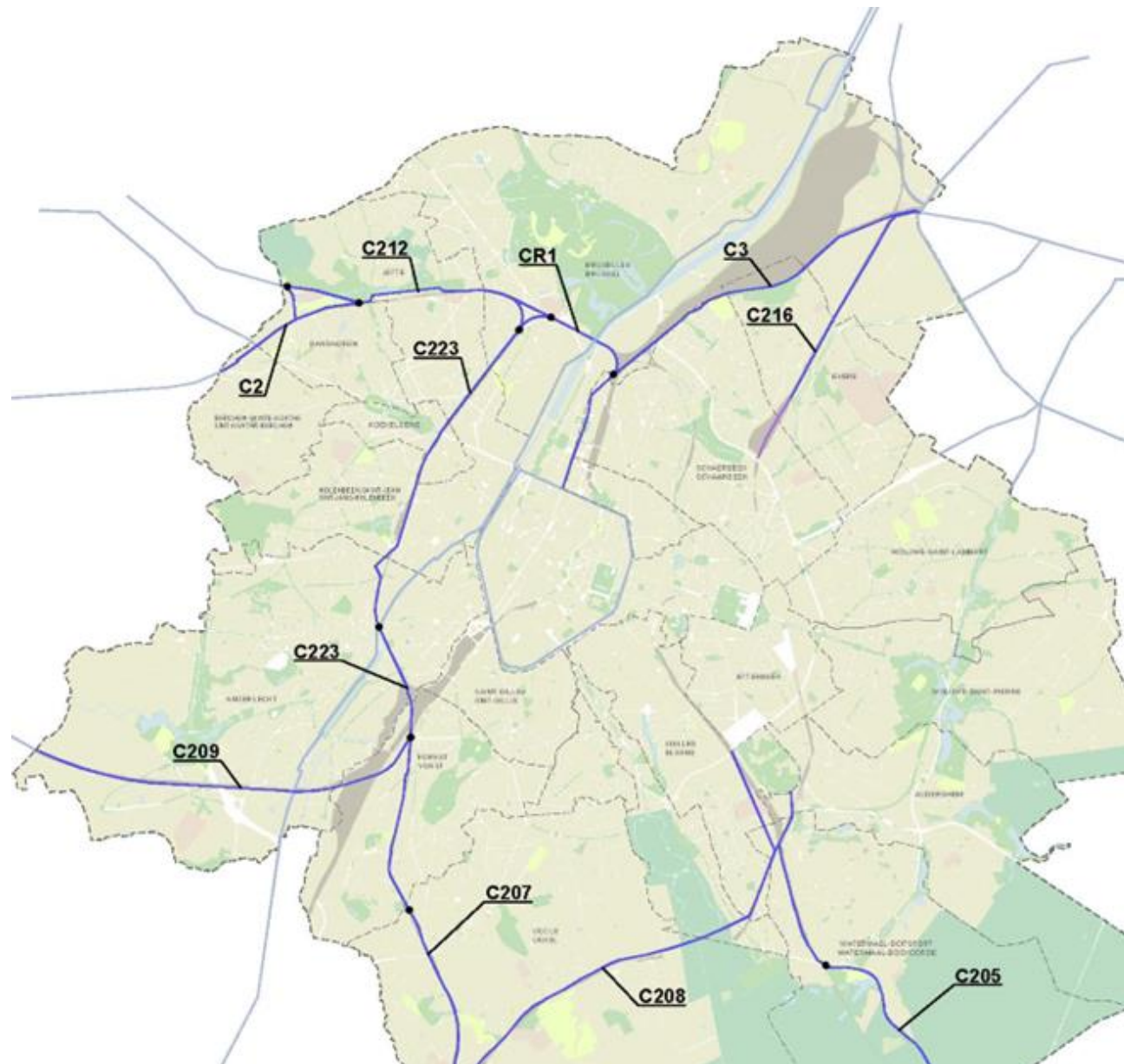
Direct

Attractive

Safe

Comfortable

(No steep slopes)





What about design criteria/principles

Possibilité de réalisation / Realiseerbaarheid / Feasibility



faisabilité technique
technische haalbaarheid
Technical feasibility



faisabilité juridique
juridische haalbaarheid
legal feasibility



budget
budget
funding



soutien
draagvlak
public support



... and these design criteria/principles

Contextualité / Contextualiteit / Context



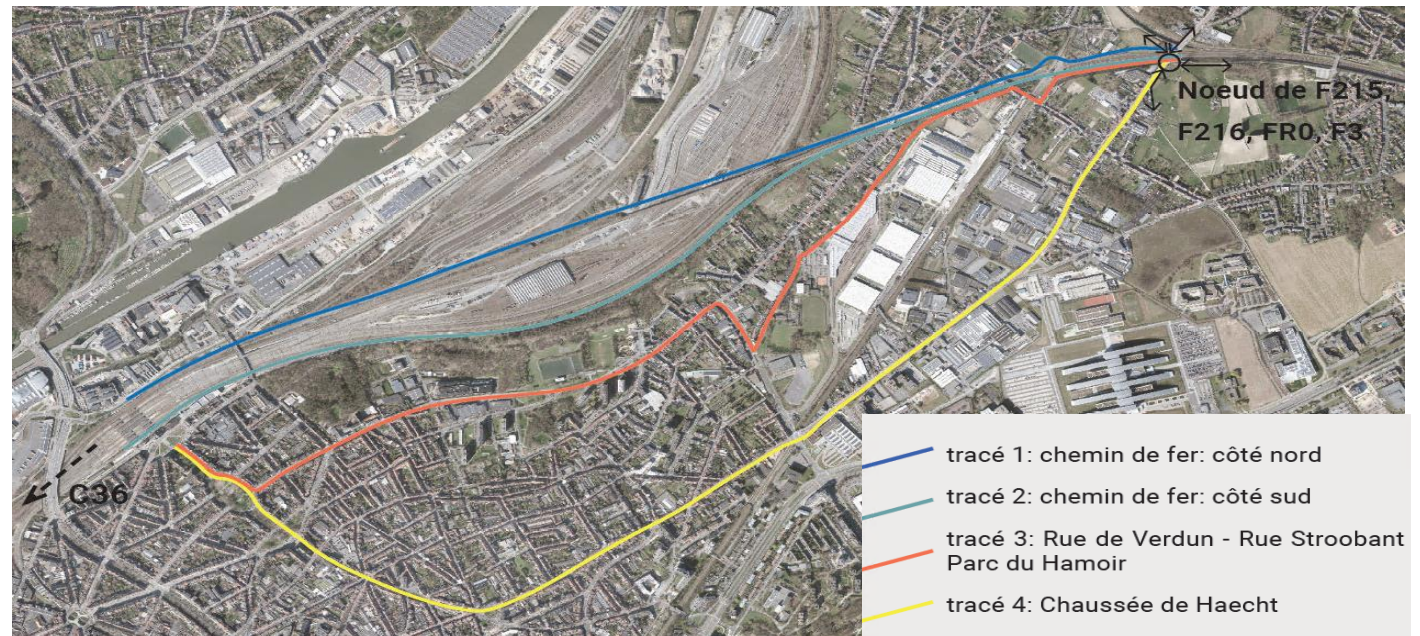
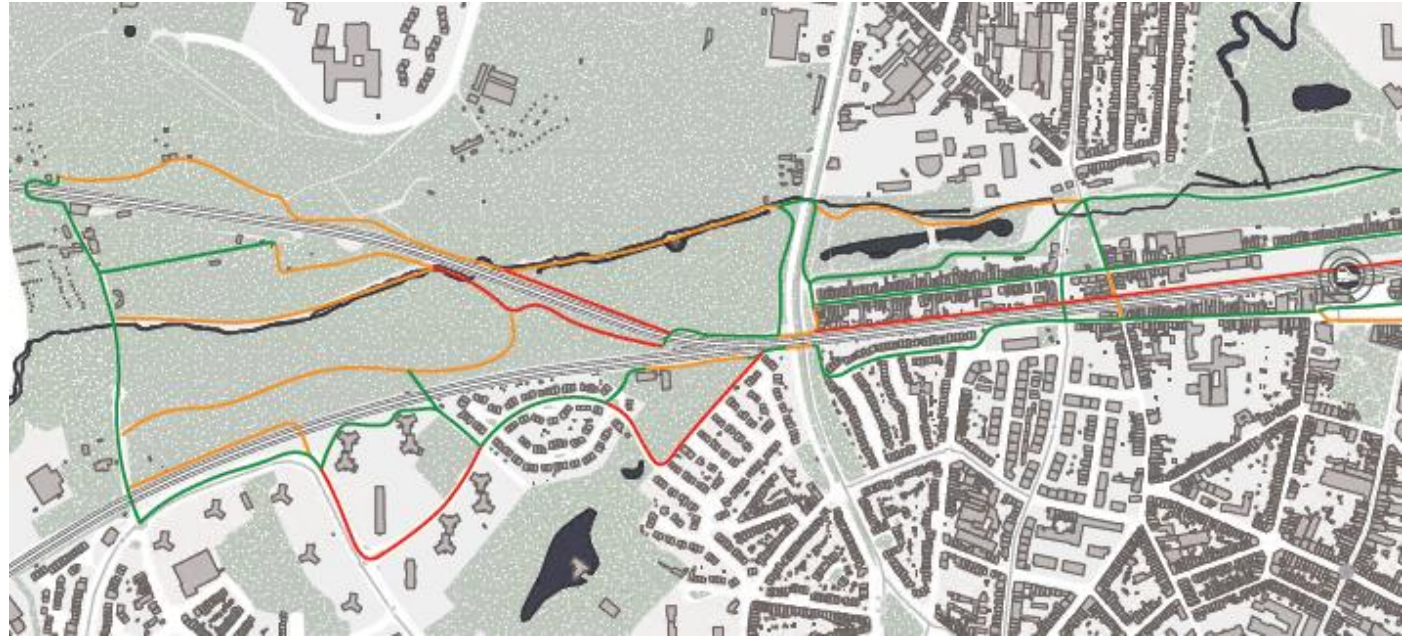
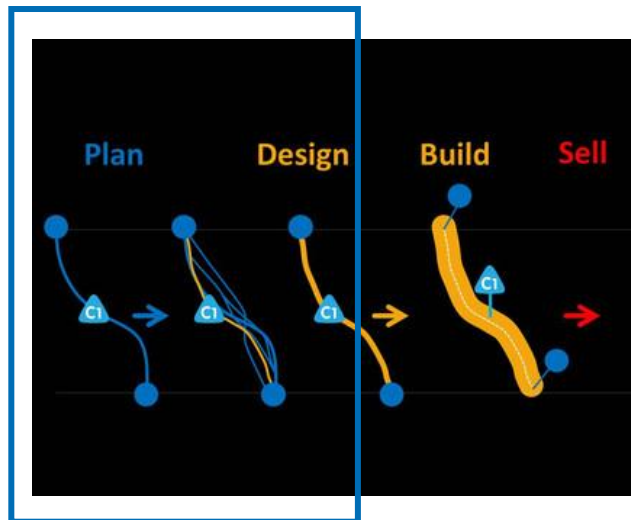
intégration urbaine
stedelijke integratie
Urban integration



objectifs climatiques
klimaatdoelstellingen
climate goals

Framework

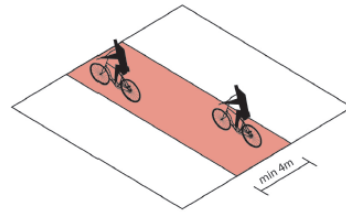
- Per street segment
- Per coherent route



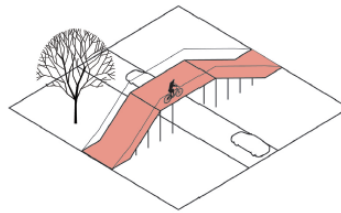


Urban context: infrastructure

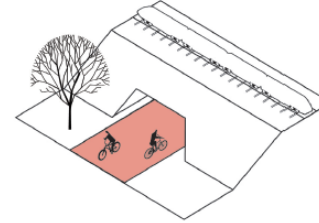
niveau de confort + séparation



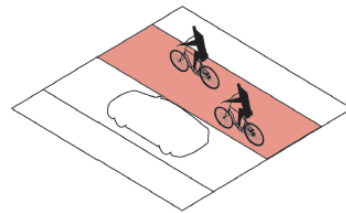
croisement sans conflit > pont



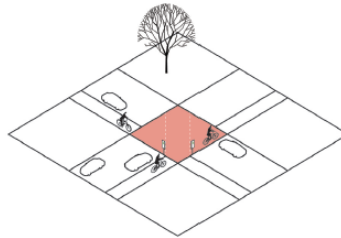
croisement sans conflit > tunnel



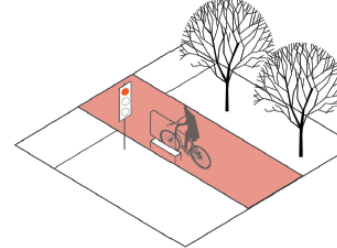
voitures à sens unique



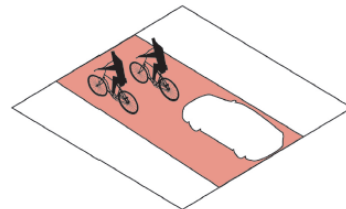
croisement > carré vert



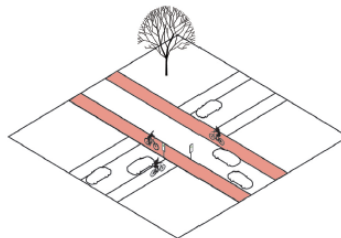
confort d'attente



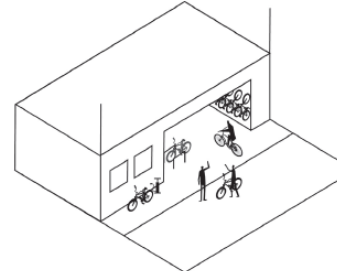
rue cyclable



croisement > priorité aux vélos



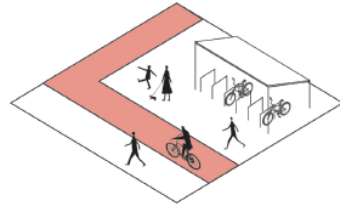
confort des emplacements de stationnement



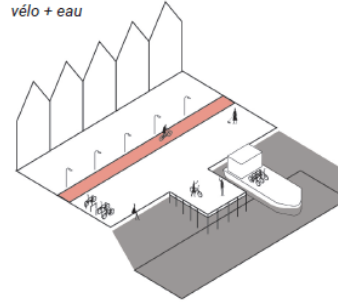


Urban context: mobility

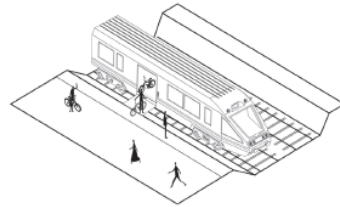
vélo + piéton



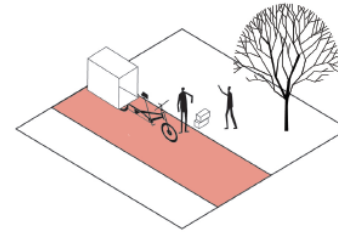
vélo + eau



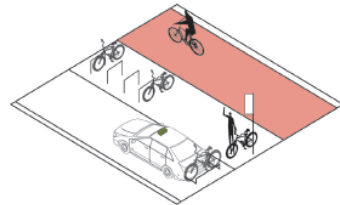
vélo + train



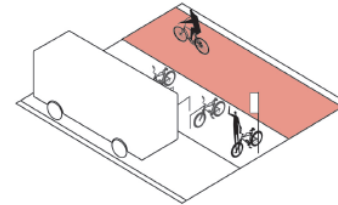
vélo + cargo



vélo + taxi

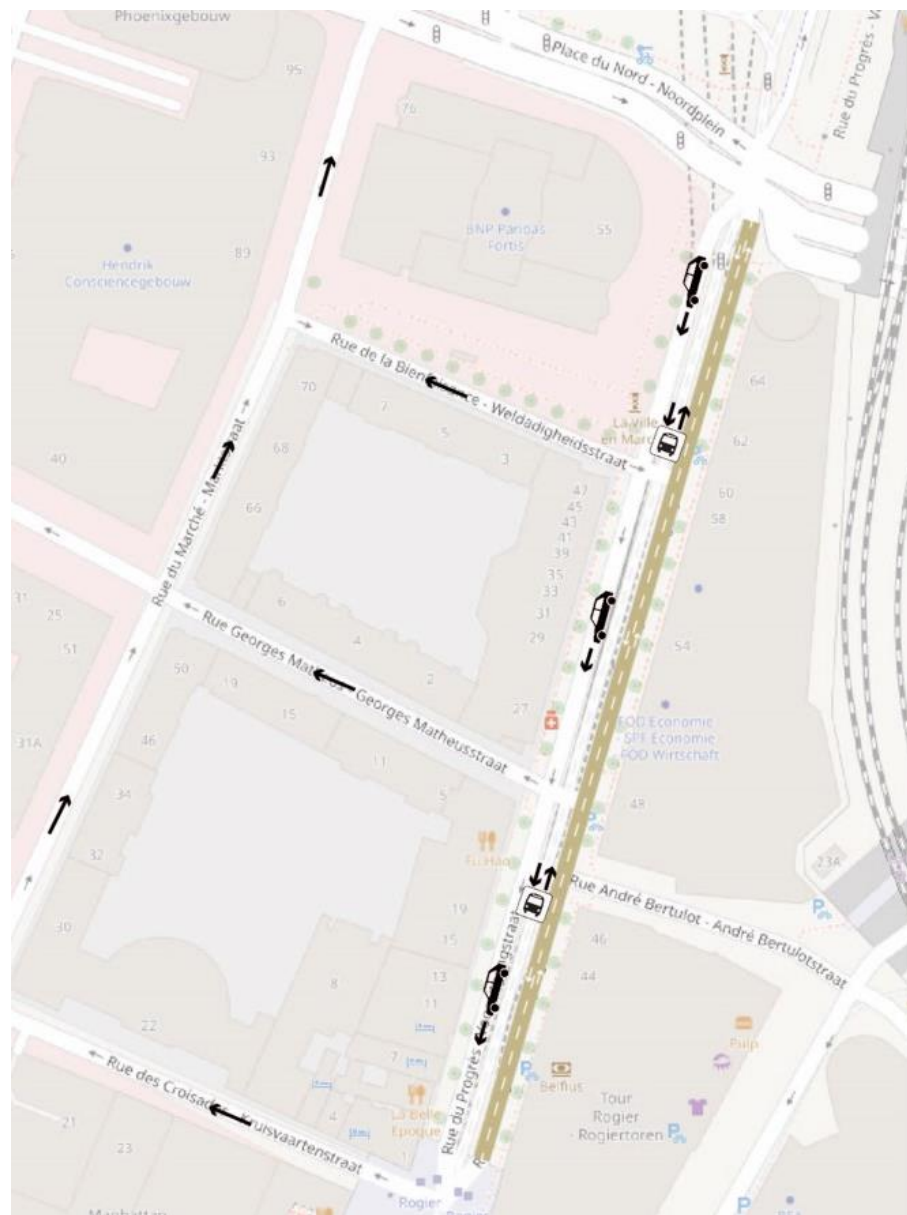


vélo + bus





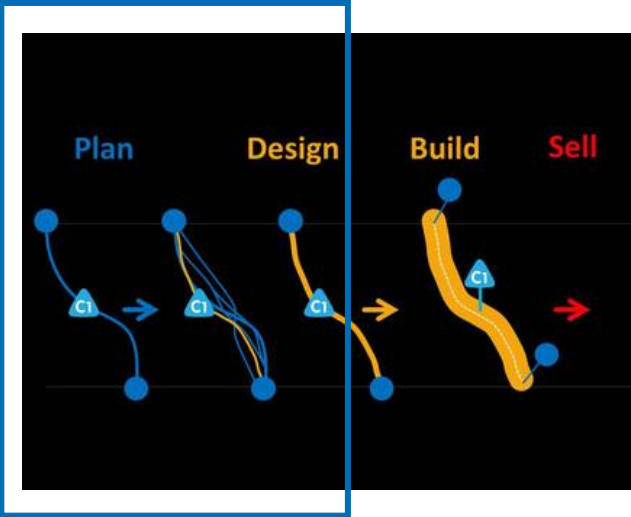






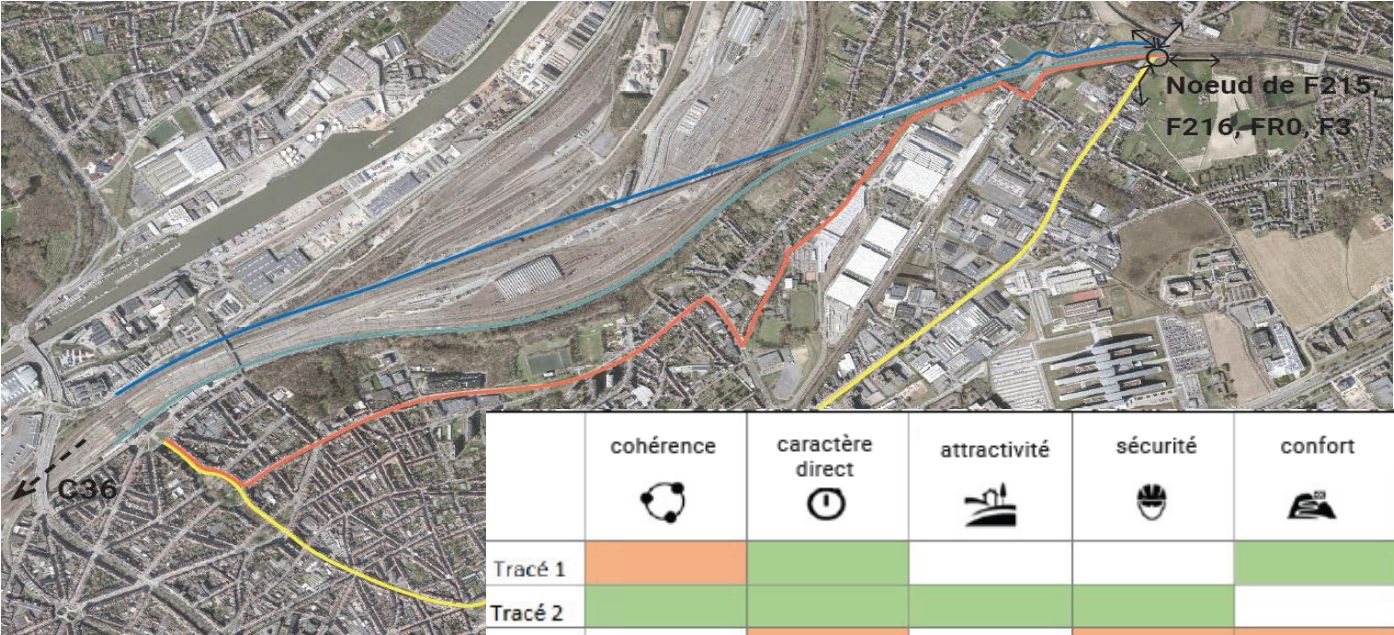
1m

3m



Framework

	Tracé urbain	Tracé voie ferrée	Tracé combiné
Cohésion			
Caractère direct			
Attractivité			
Sécurité			
Confort			
Intégration urbaine			
Objectifs/adaptation climatique(s)			
Faisabilité technique			
Faisabilité juridique			
Budget			
Adhésion			

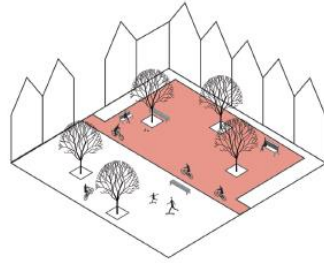


	cohérence	caractère direct	attractivité	sécurité	confort	intégration urbaine	objectifs climatiques	faisabilité technique	faisabilité juridique	budget	groupe de soutien
Tracé 1											
Tracé 2											
Tracé 3											
Tracé 4											

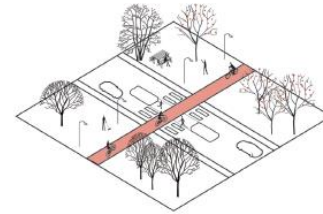


Urban context: linkage opportunities

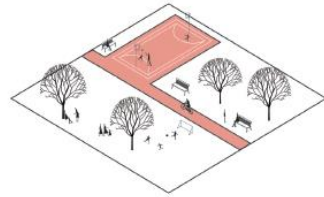
dynamique dans l'espace public



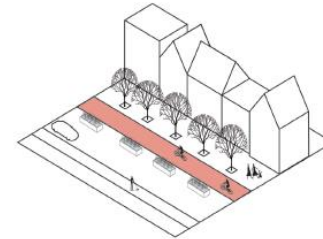
connecteur entre différents parcs



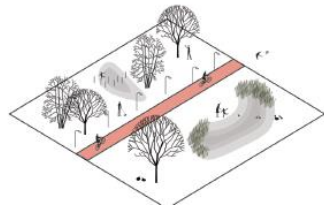
activateur de sports et de jeux



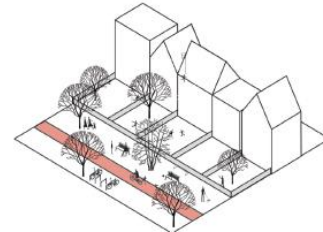
rôle d'axe climatique



stimulateur de parcs vivants



meilleure qualité de l'habitat











Street results in a few years
Hope to see you again



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