

Networkevent Netwerk de Vlaamse Waterweg

Brussels ring road: status of the road works and expected impact

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The Company



Goal: Efficient execution of large infrastructure projects

- A **project company**
- Founded in **2017**
- Created by the **Flemish government**
- Supervisory Minister: Minister of **Mobility and Public Works**
- To tackle major infrastructure projects in a **comprehensive** and **coordinated** manner
- Brings together all the **expertise** and addresses mobility problems **per geographic area** and **per project**
- To achieve **interdisciplinary**, **efficient** and **accelerated** implementation



Public participation and consultation anchored in our DNA

Statutes Art. 3 "object":

"The company aims to realize and facilitate complex mobility infrastructures of strategic importance on behalf of the Flemish region, including the design, financing, construction and, where applicable, maintenance and management of these infrastructures.

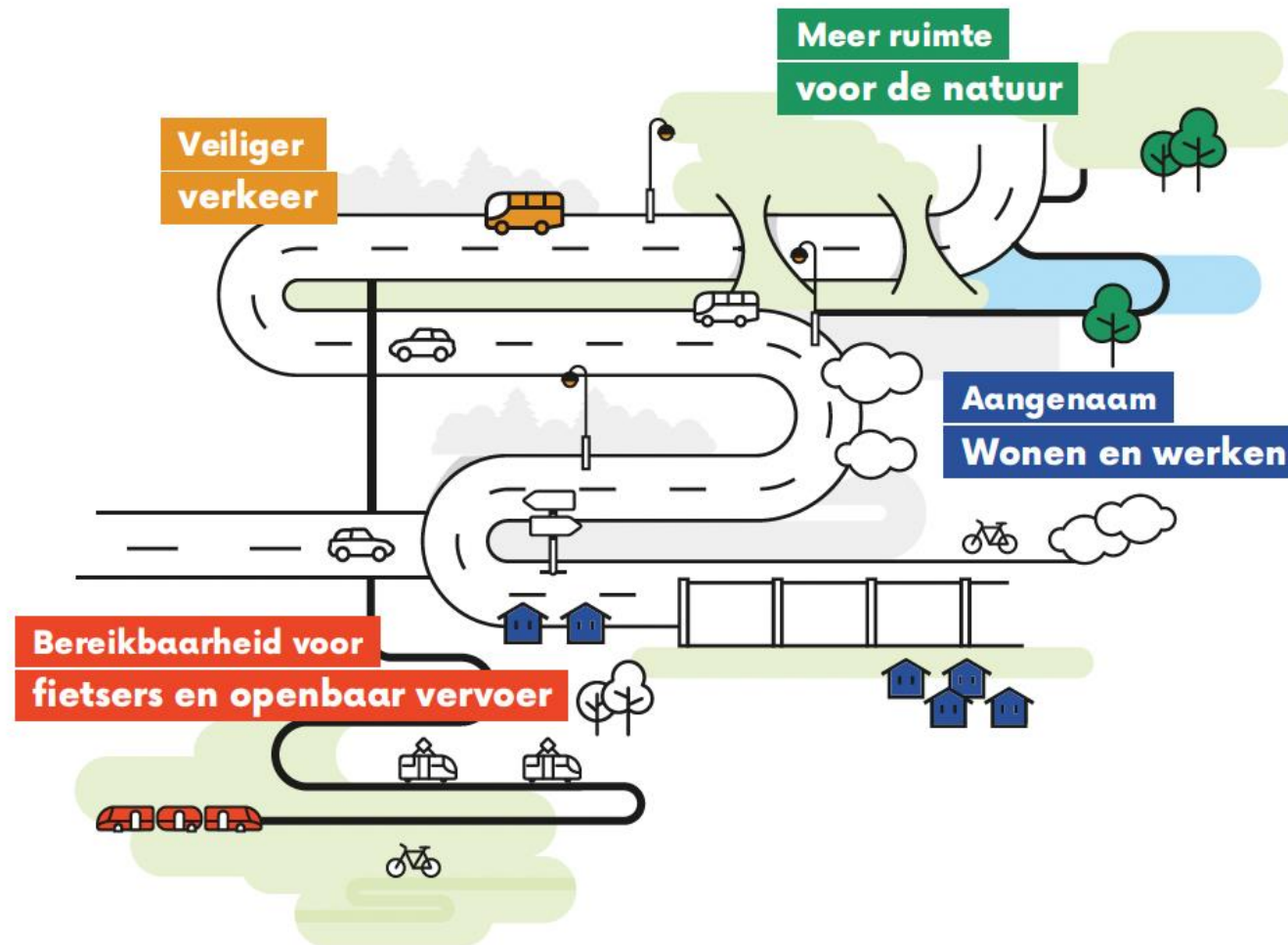
"The company's mission is also to organize consultation, communication and participation of citizens and civil society."



Overview of current projects

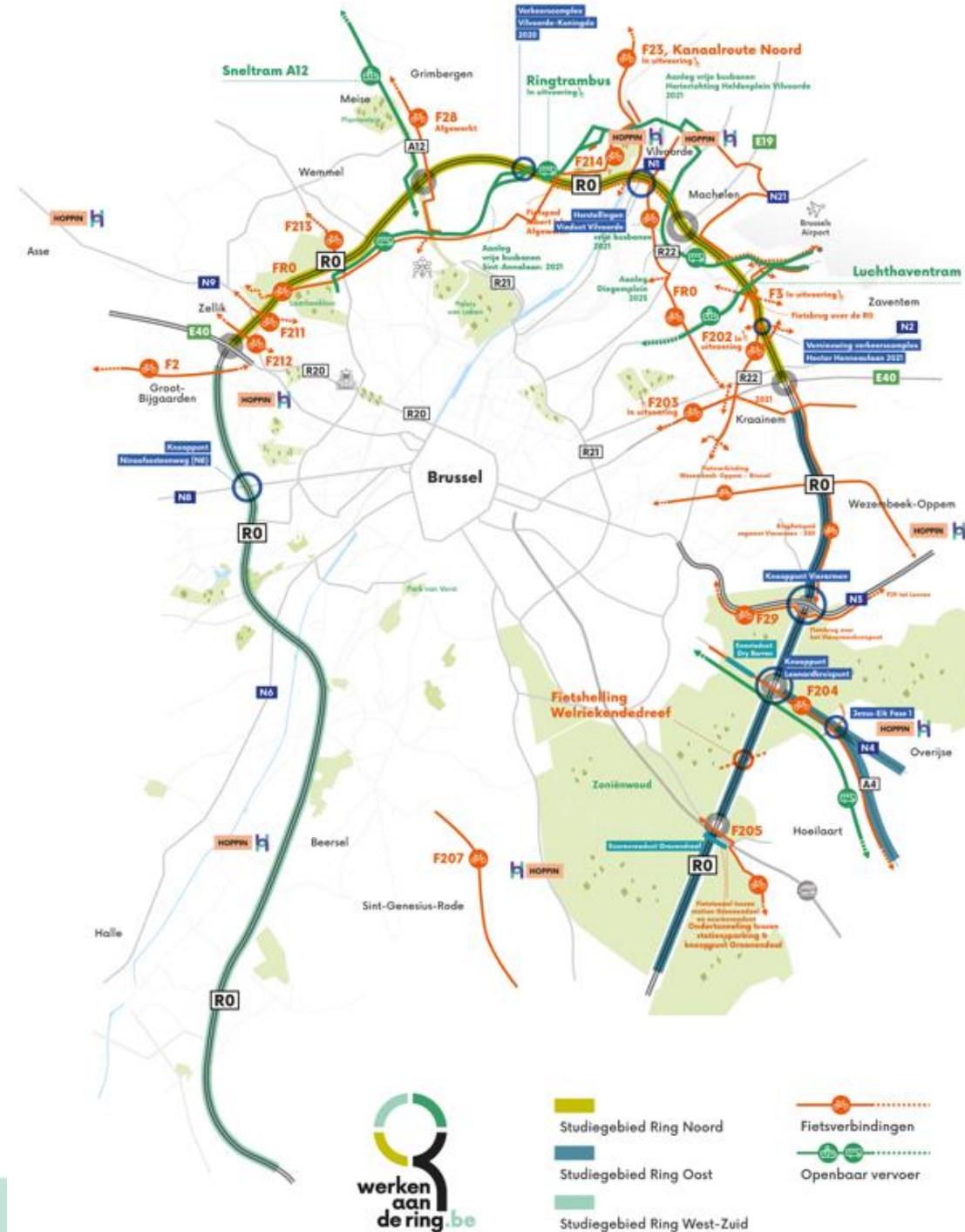


Programme Werken aan de Ring



Werken aan de Ring

- An investment of **300 million euros** for **115 km of cycling infrastructure**
- An investment of **670 million euros** for **3 high-frequency public transport lines**
- An investment of more than **18 million euros** for **10 "hoppin" points**
- More than **500 million euros** of investment to increase the **quality of life** in the region by focusing on **air quality** and **noise pollution**
- More than **2.5 billion euros** to renovate and build **safe and modern road infrastructure**

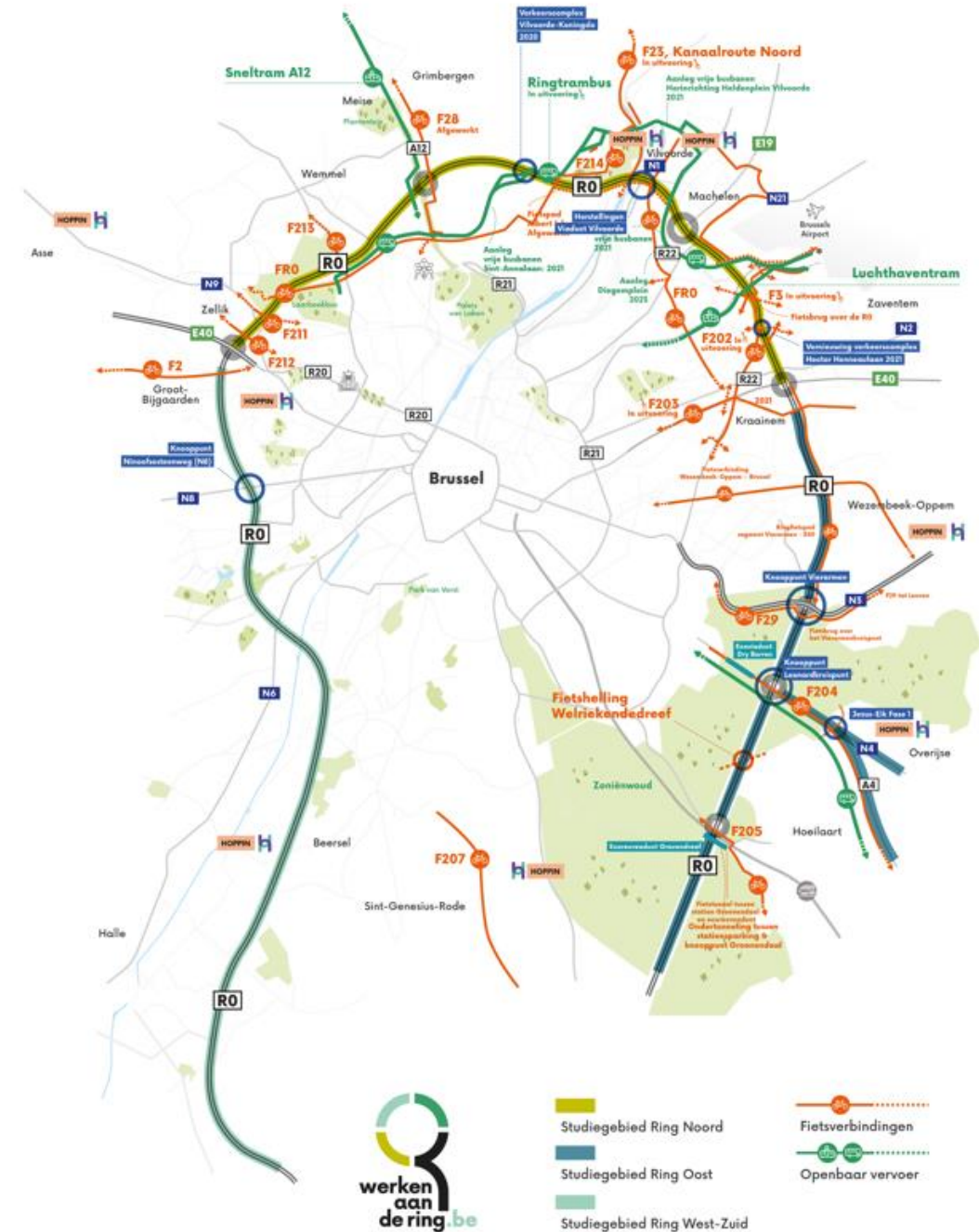


Werken aan de Ring

Improving mobility, increasing quality of life and multimodal accessibility around Brussels

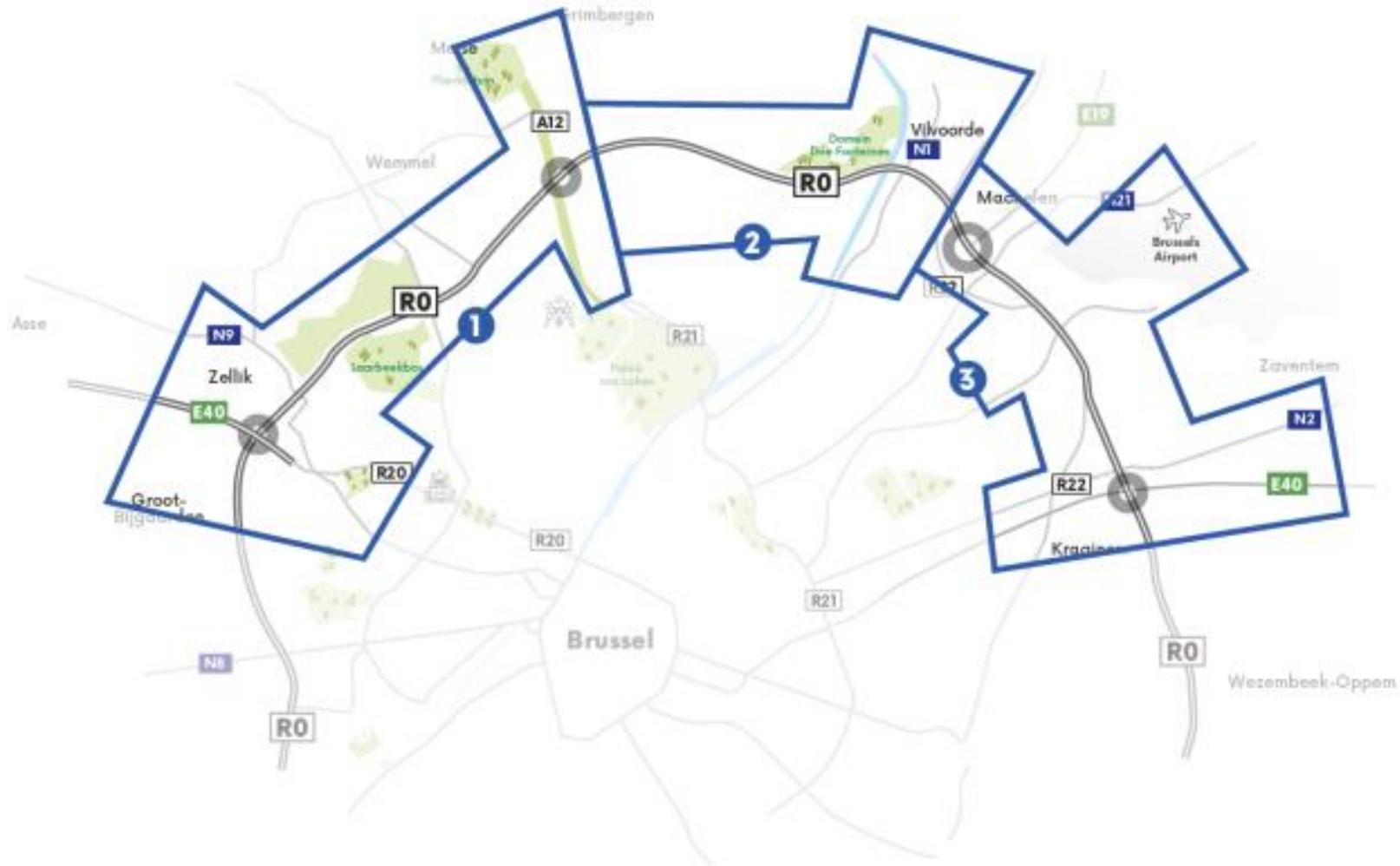
Invest in infrastructure networks for different modes of transport

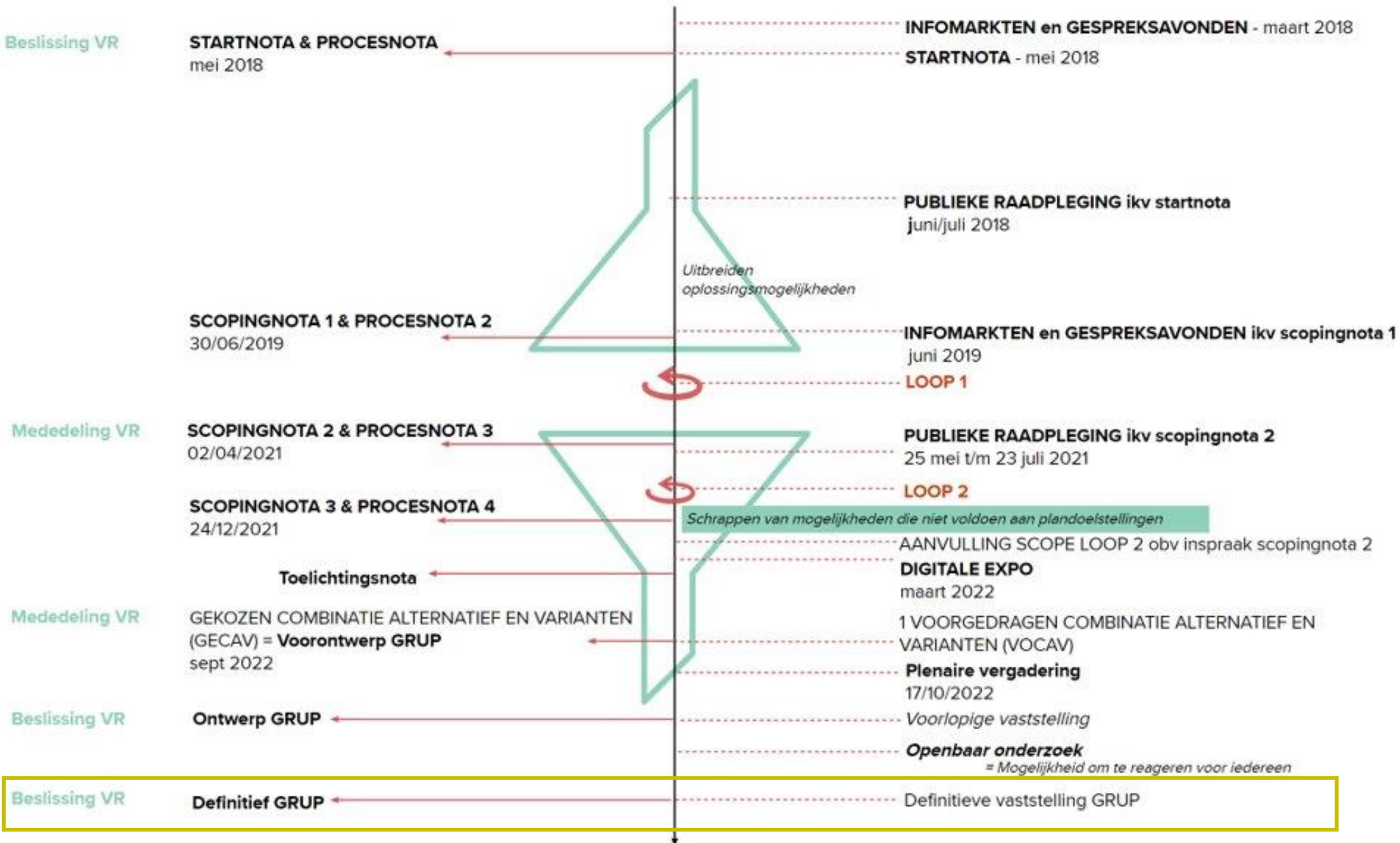
- Cyclostrades
- Hoppin Points
- Public Transport (Brabantnet)
- **Refurbishment of the Northern Ring**
 - "Quick Wins"
 - **Integrated planning process**
- Refurbishment of the Eastern Ring
 - Quick Wins
 - Integrated planning process
- South-West Ring



Integrated Planning Process R0 North

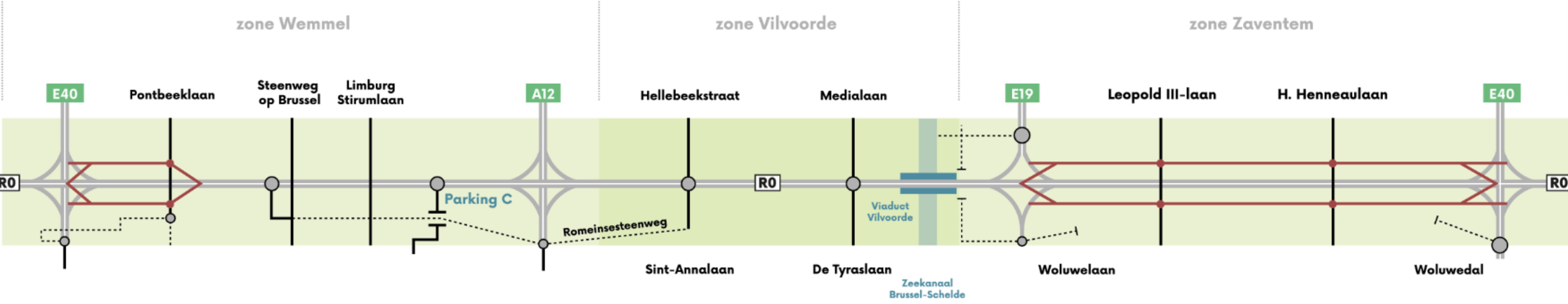
R0 North Integrated Planning Process: Regional Spatial Execution Plan



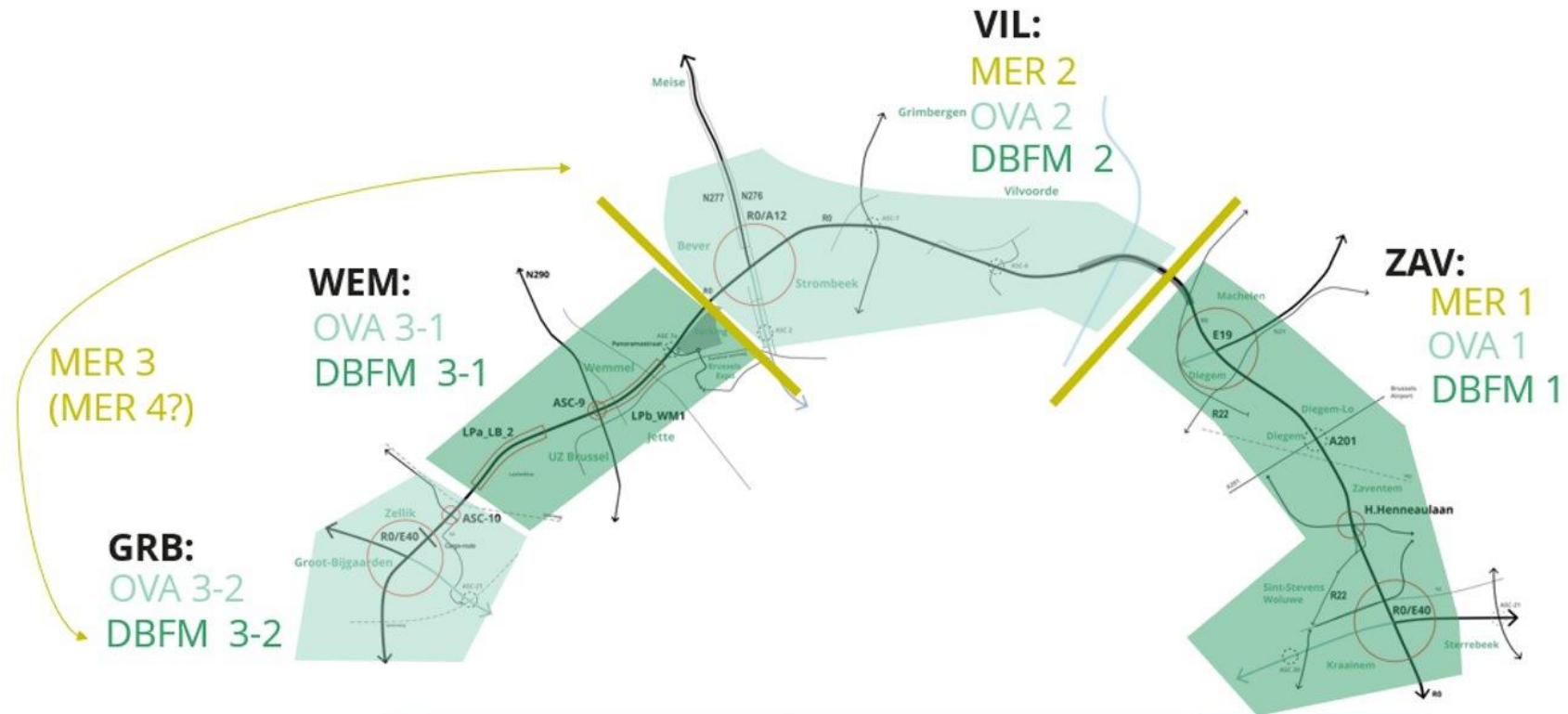


Chosen combination: R0 North structure

Alternatief 3



Plan phase → Project phase



Zaventem project



7 km

new road
infrastructure

6 km

New cycling
infrastructure

7 km

New walking
paths

5 x

opening up
watercourses

70 +

Bridges &
tunnels

50 +

ecological
connections

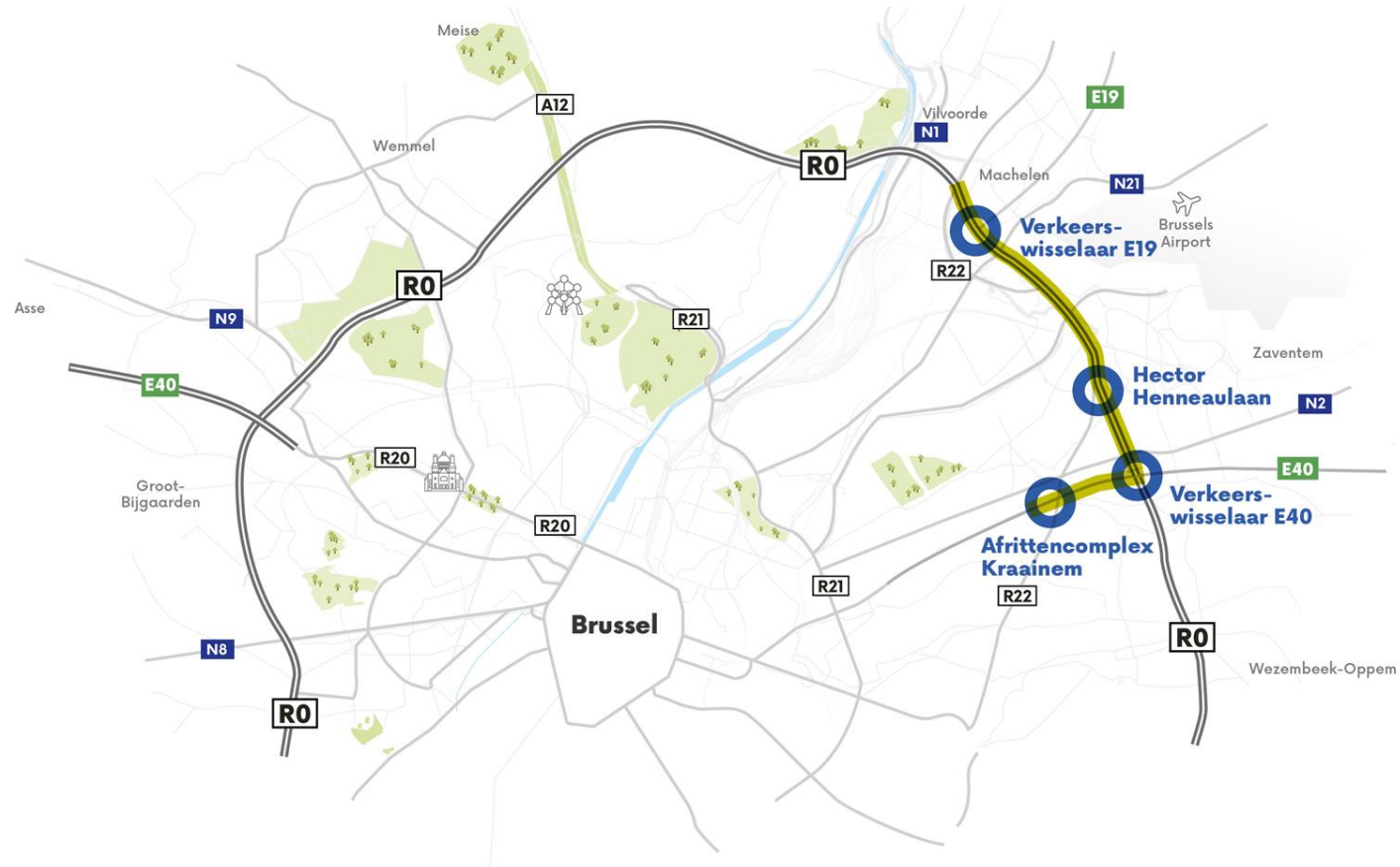
48

unsafe places
solved

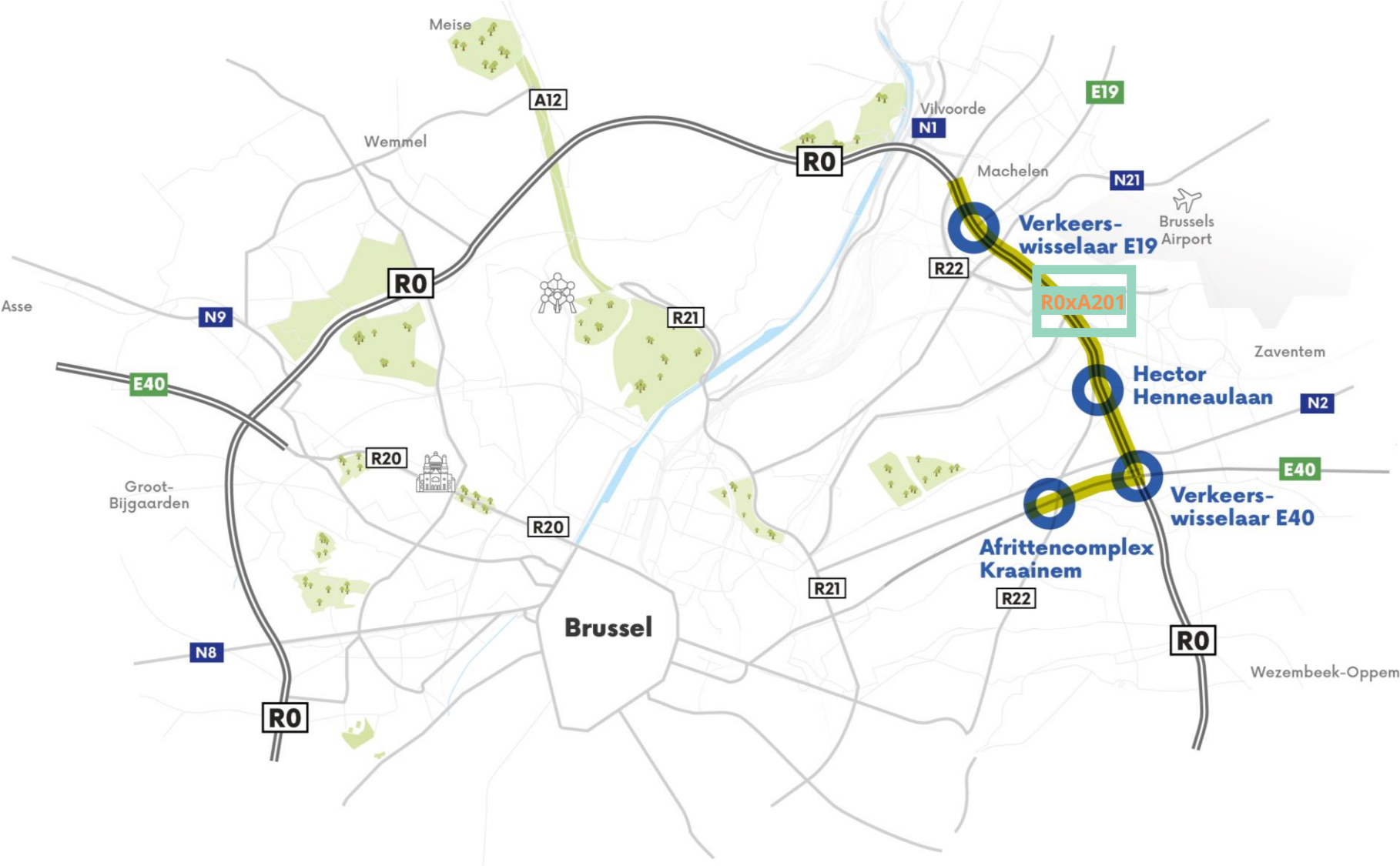
40.000 m³

additional water buffer capacity

Zaventem project



& Quick Win R0xA201

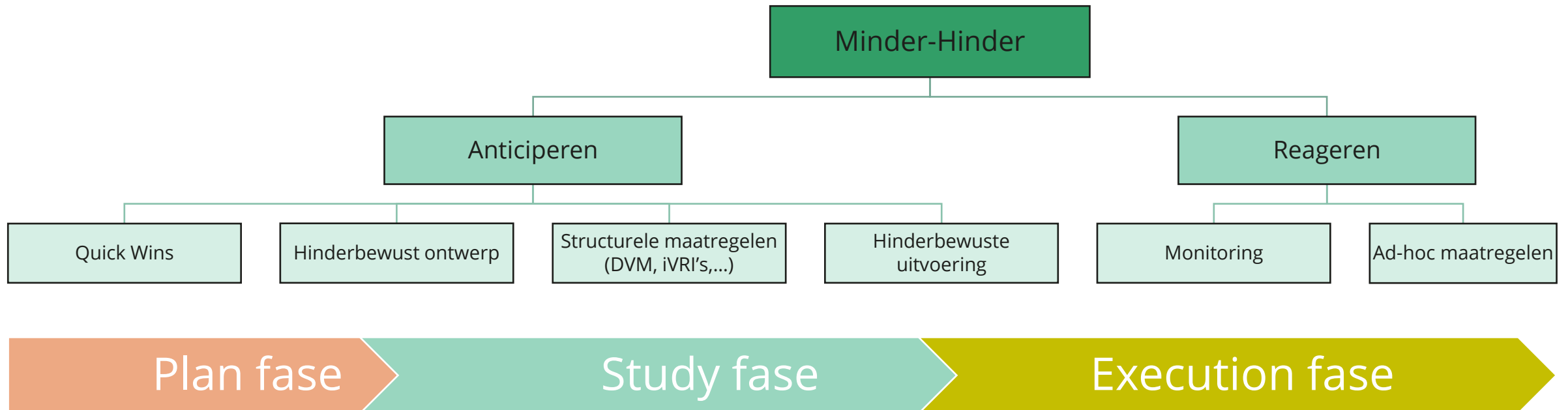




**From planning to
execution:
Mitigating Impact on
Traffic**

Mitigating traffic impact

Two tracks



Phasing

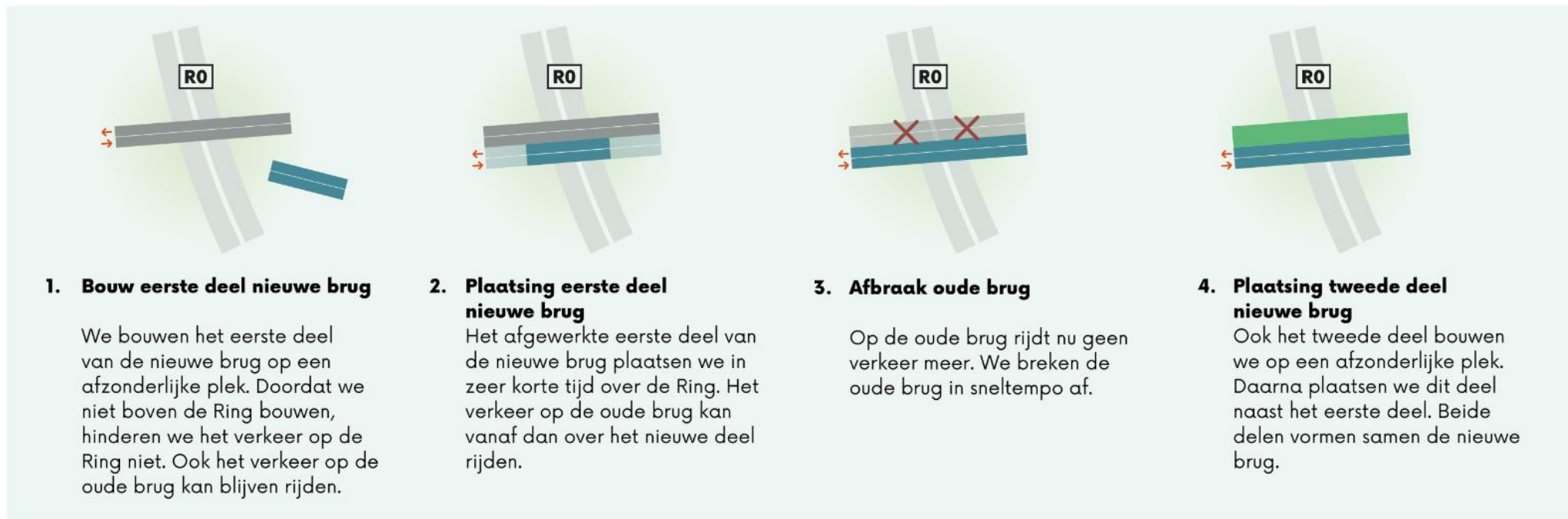
Conditions

- **Always at least 2x3 lanes on R0**
- All movements on priority axes always possible
- Temporary roads/paving and temporary structures where necessary

Phasing

Examples in execution

Landscape bridge as a road bridge in temporary phase



Mitigating Impact on traffic

Communication and site coordination

- Works map
- “Minder Hinder” coordination platform:
 - Communes
 - (Interregional) administrations
 - Sector federations (logistics, chambre of commerce,...)
- Bedrijvenpunt

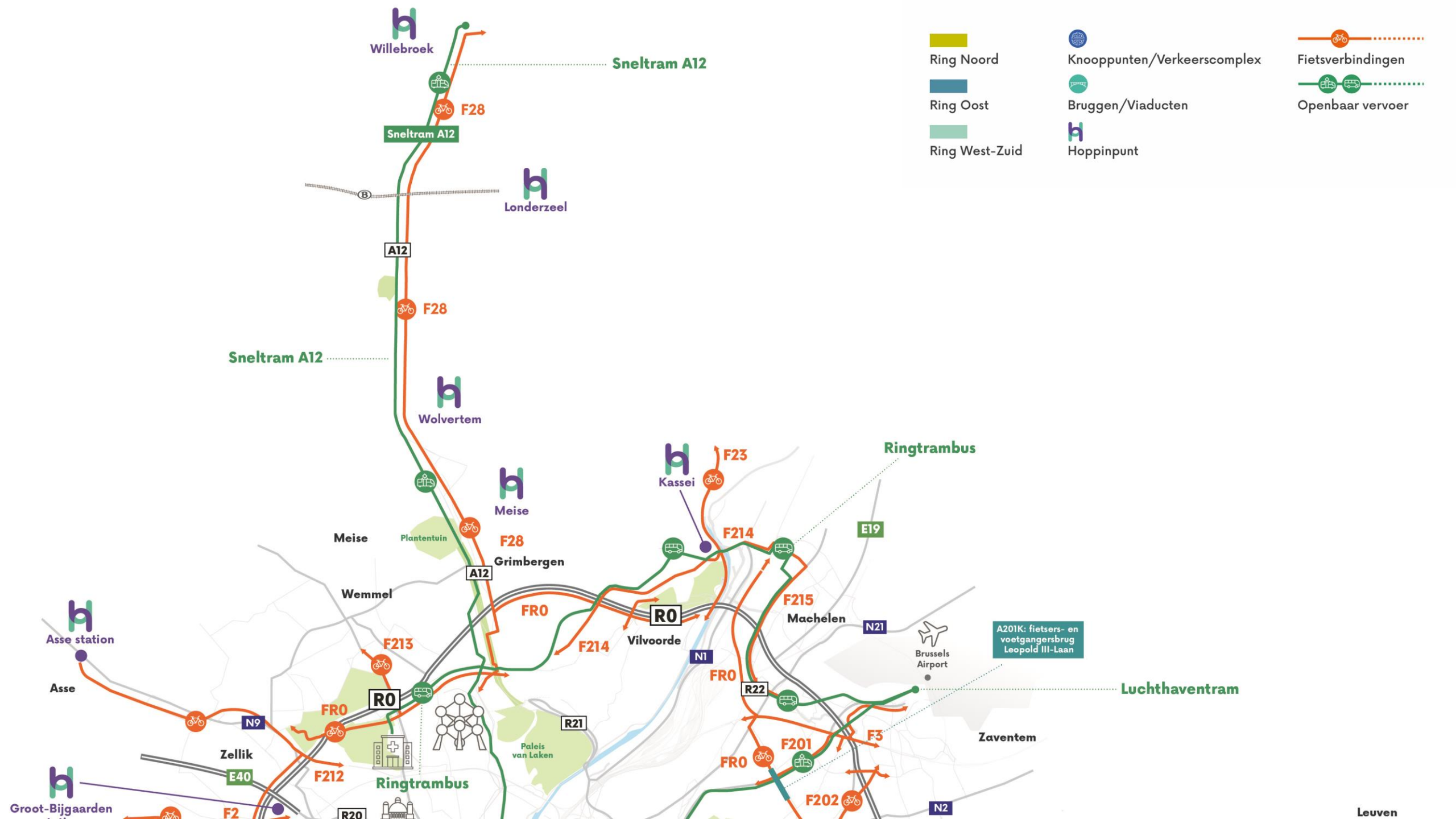


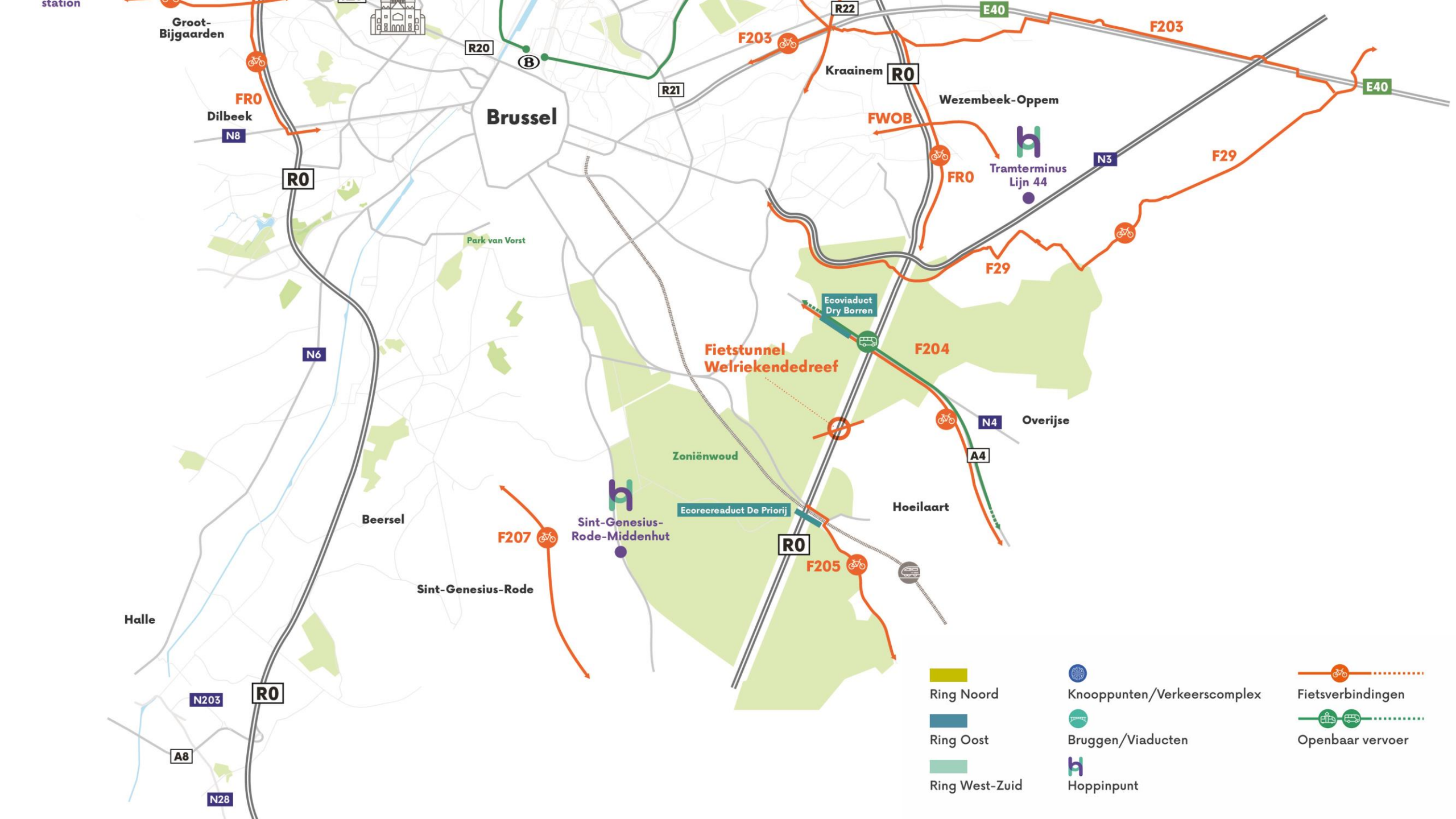
**Company manager, business owner,
in charge in a gym or hospital?**

Inform your employees, suppliers
and visitors about Work on the Ring.

Powered by **VOKA** Kamer van
Koophandel
Vlaams-
Brabant

"Quick Wins" as a lever for accelerated execution





station

Groot-Bijgaarden

Dilbeek

Brussel

Park van Vorst

Beersel

Halle

A8

N203

N28

R0

N6

R0

R20

B

R21

F203

R22

Kraainem

R0

E40

Wezembeek-Oppem

FWOB

FRO

Tramterminus Lijn 44

N3

F29

E40

F29

Ecoviaduct Dry Borren

Fietstunnel Welriekendedreef

F204

N4

Overijse

A4

Hoeilaart

Zoniënwood

Ecorecreadiet De Priorij

R0

F205

F207

Sint-Genesius-Rode-Middenhut

Sint-Genesius-Rode

- Ring Noord
- Ring Oost
- Ring West-Zuid

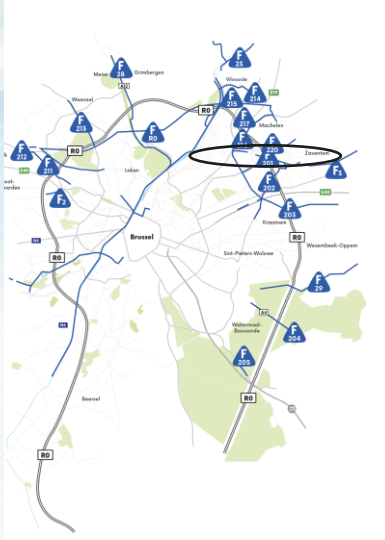
- Knooppunten/Verkeerscomplex
- Bruggen/Viaducten
- Hoppinpunt

- Fietsverbindingen
- Openbaar vervoer





F28



F3



A201K

Quick Wins

Road infrastructure

Verkeerscomplex Medialaan



Hector Henneulaan





Aansluitingscomplex N8 X R0

Public Transport: Brabantnet

Brabantnet

- Ringtrambus
- Airport Tram
- Sneltram



Viaduct Vilvoorde Vernieuwt

Viaduct Vilvoorde

- Just like a car or a house, bridges and roads also need maintenance
- 1978: first cars over the Viaduct → 2023: **150,000 vehicles/day!**
- A lot of wear and tear, more than the engineers in the 1970s could have predicted
- **Safety** comes first! No security risk at the moment, but we want to avoid possible future problems



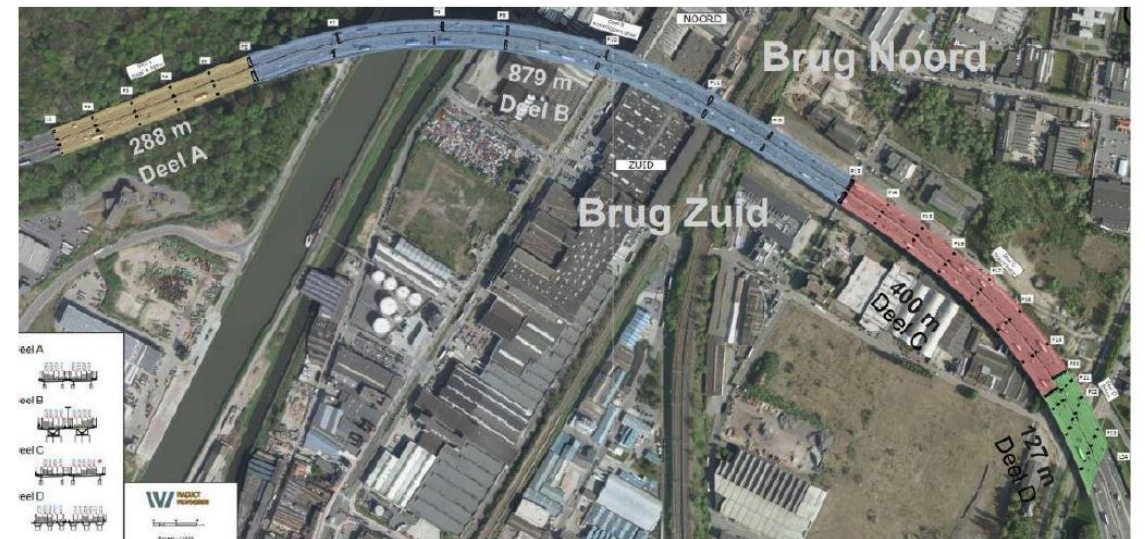
Viaduct Vilvoorde

Part A: replacement of concrete

Part B: asbestos removal and extensive steel reinforcement

Part C: replacement of concrete

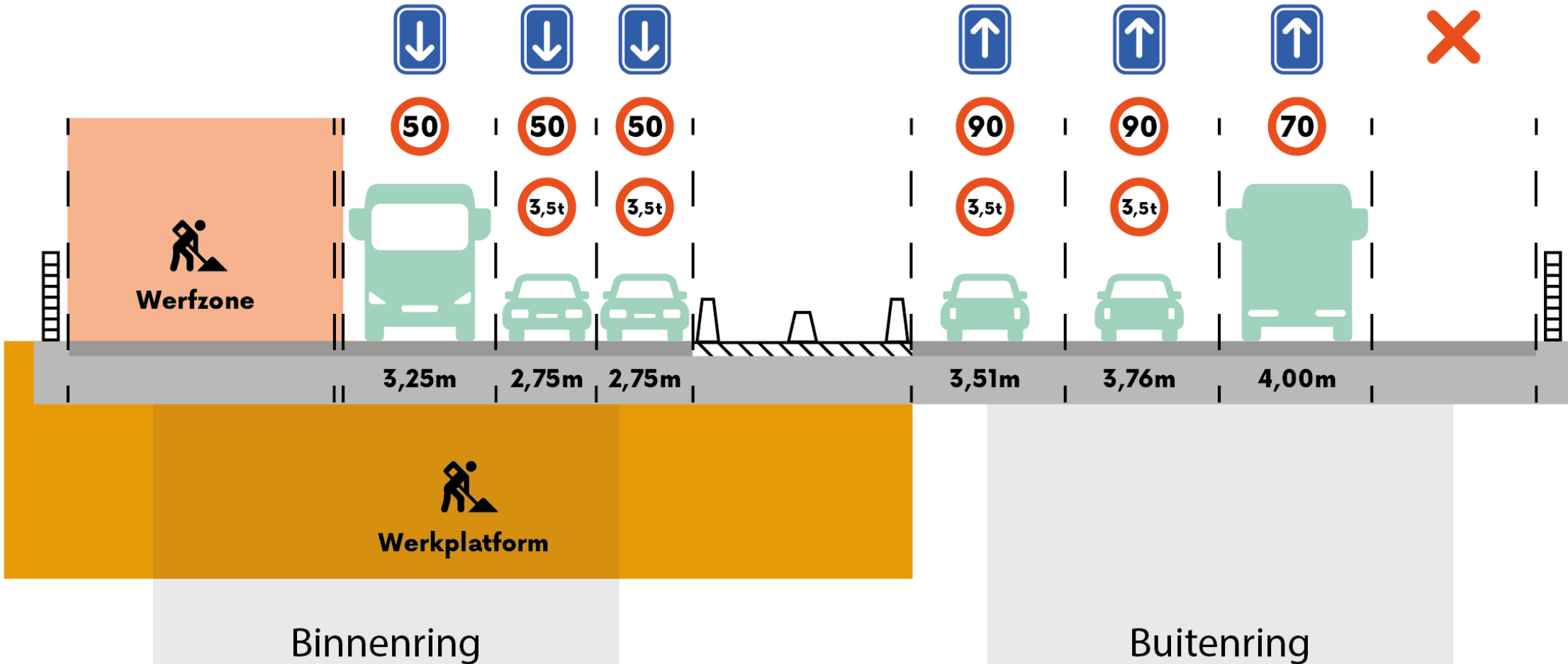
Part D: road surface renewal and limited concrete repairs



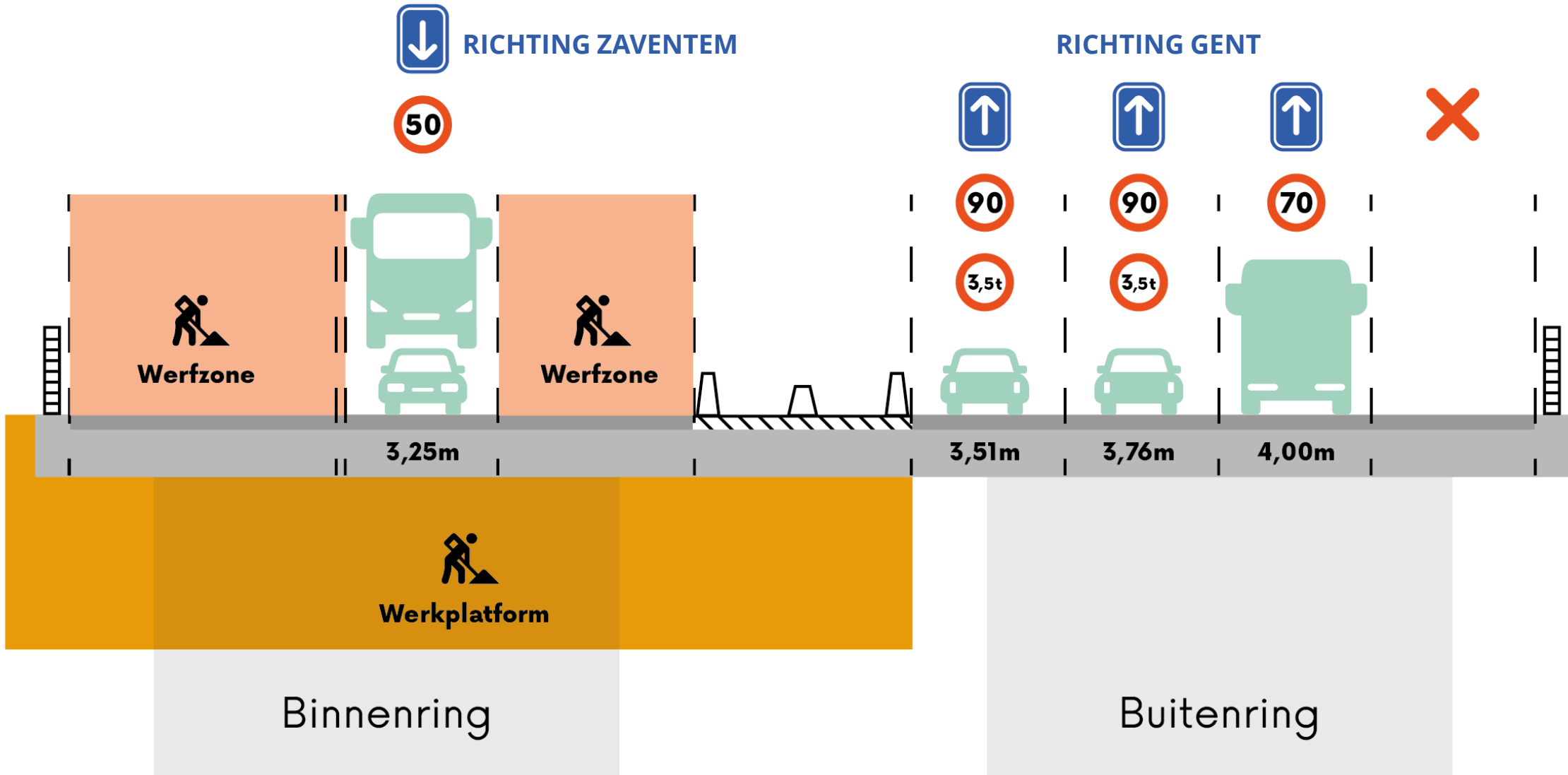
2023		2024				2025				2026				2027				2028				2029				2030			
Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		

RICHTING ZAVENTEM

RICHTING GENT



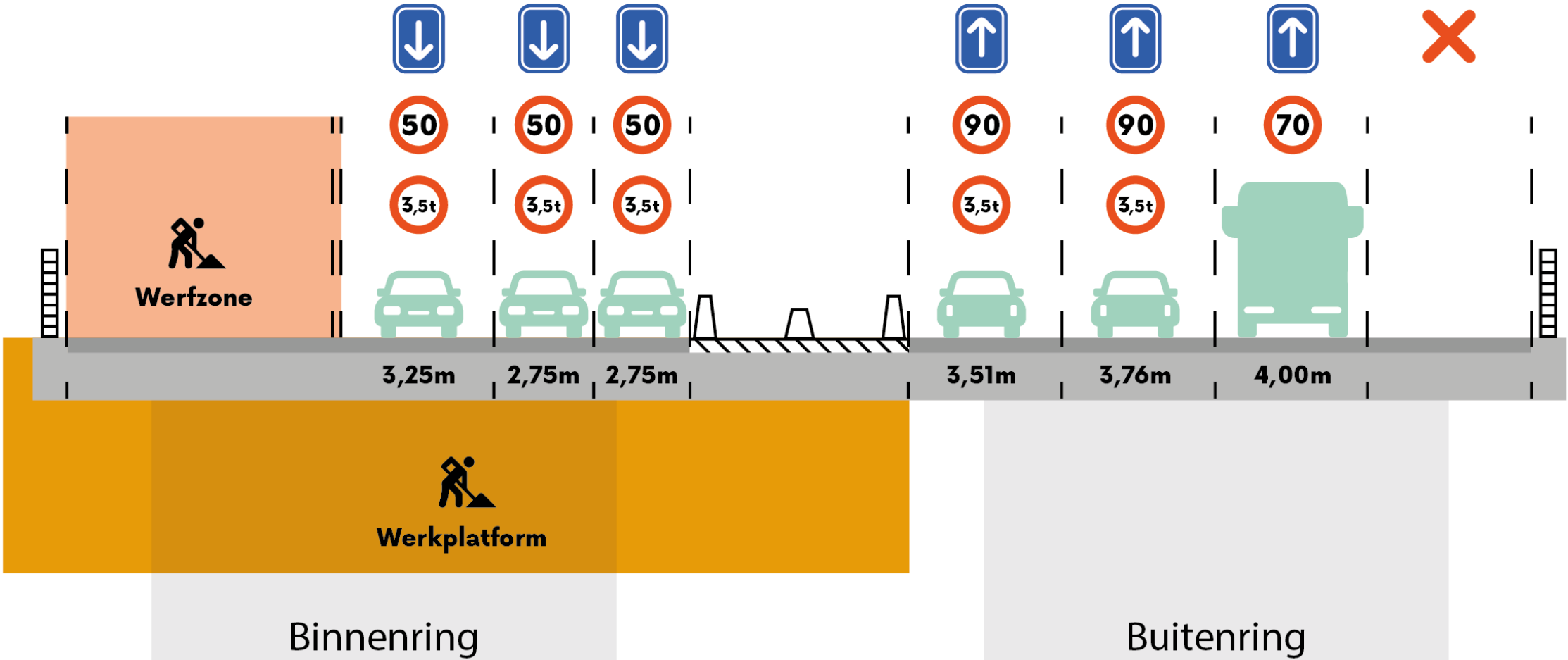
2023				2024				2025				2026				2027				2028				2029				2030							
Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4



2023				2024				2025				2026				2027				2028				2029				2030							
Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4

RICHTING ZAVENTEM

RICHTING GENT



Key takeaways

Takeaways

- There is **no easy way** to do this
- Lots of measures to mitigate impact, but it is highly recommended for drivers to **seek alternatives. Waterways** will be part of the solution
- We aim to communicate as **early, open and transparent** as possible
- **We maximize help** for companies in **communicating** with their suppliers, clients, employees,...
- **We maximize help** for companies into getting to know **the alternative mobility solutions**

And practicing what we preach...



SAMENWERKINGSOVEREENKOMST

m.b.t het ondersteunen van de logistieke afhandeling van goederenstromen via het water voor diverse projecten van de Werkvennootschap in het kader van het programma 'Werken aan de ring'



**werken
aan
de ring**



DE WERKVENNOOTSCHAP