

How to prepare the physical and digital infrastructure for CCAM?

16 April 2024 12:15 - 12:45



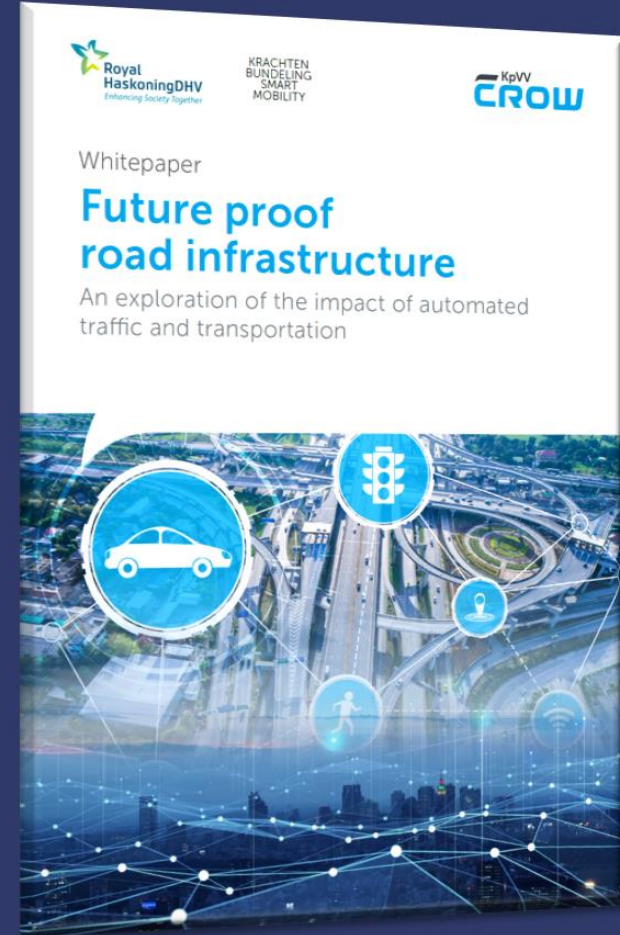
Whitepaper: Future road infrastructure



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TRADITIONAL

Innovation

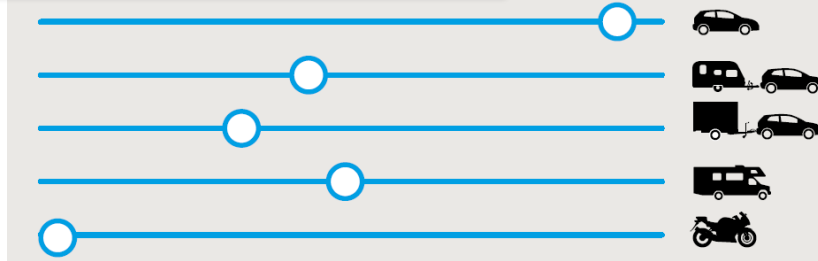
Success?

connected





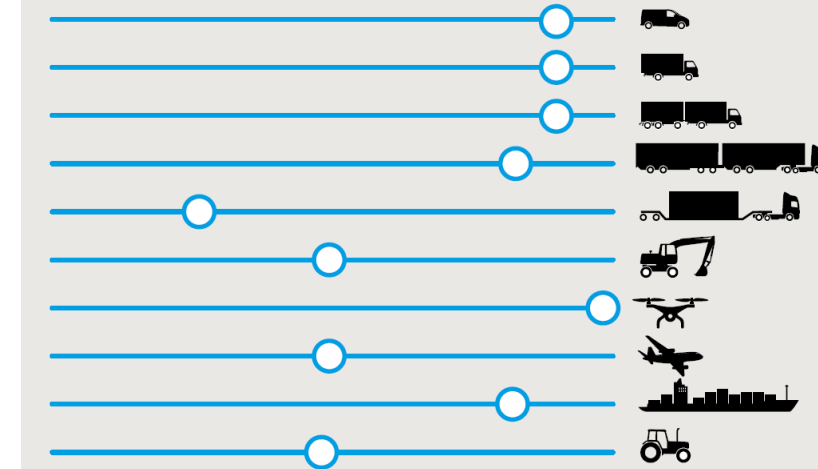
Individual motorized mobility



Public transport



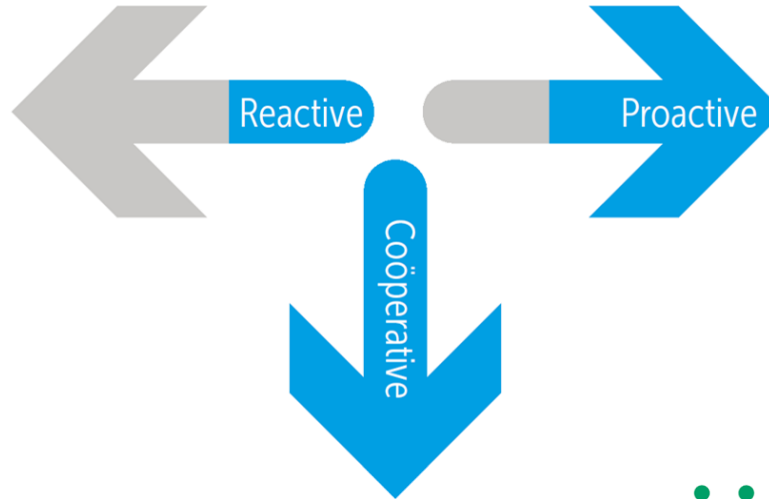
Transport & logistics



From a reactive approach to a proactive social objective!



- Follows the developments of the technology
- Final image very limited controllable
- Market dominates
- Diversity of solutions
- Often lingers in pilot



- Follows a long-term vision
- Final image more controllable
- Prevents divestments
- Uniform solutions
- Opportunity for upscaling

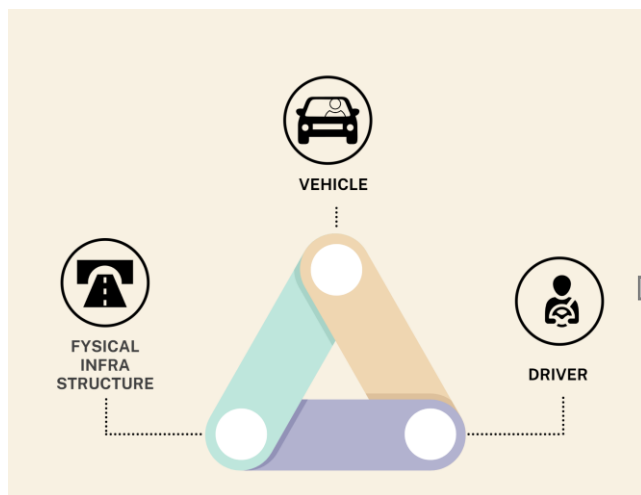
- Connecting with actual use
- Better living environment and inclusive
- Promising economy
- Available to everyone



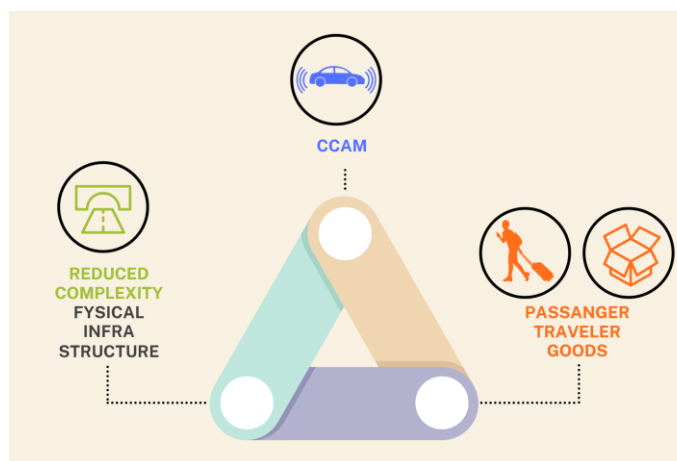
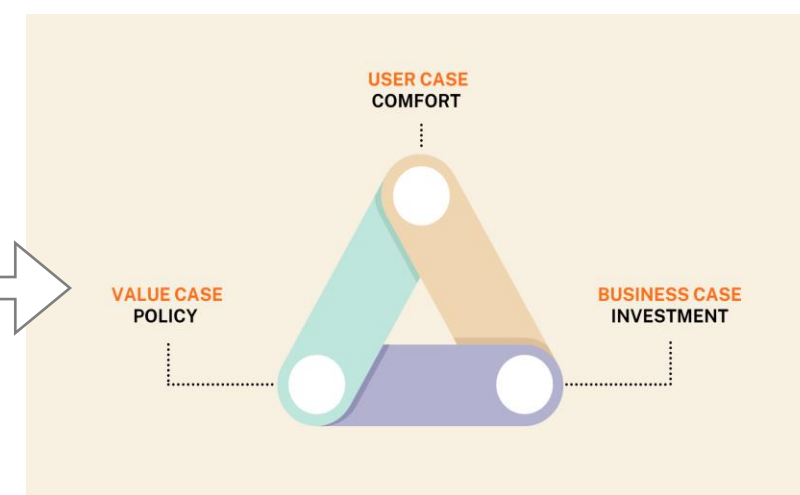
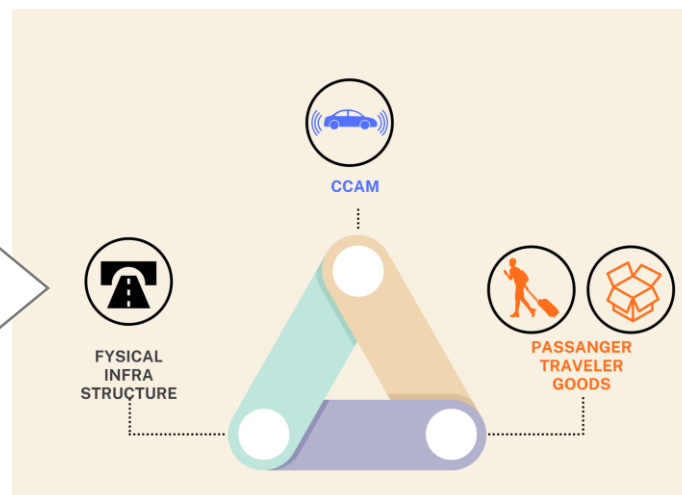
"... and we will not adjust the road for smart vehicles!"



Now



Future

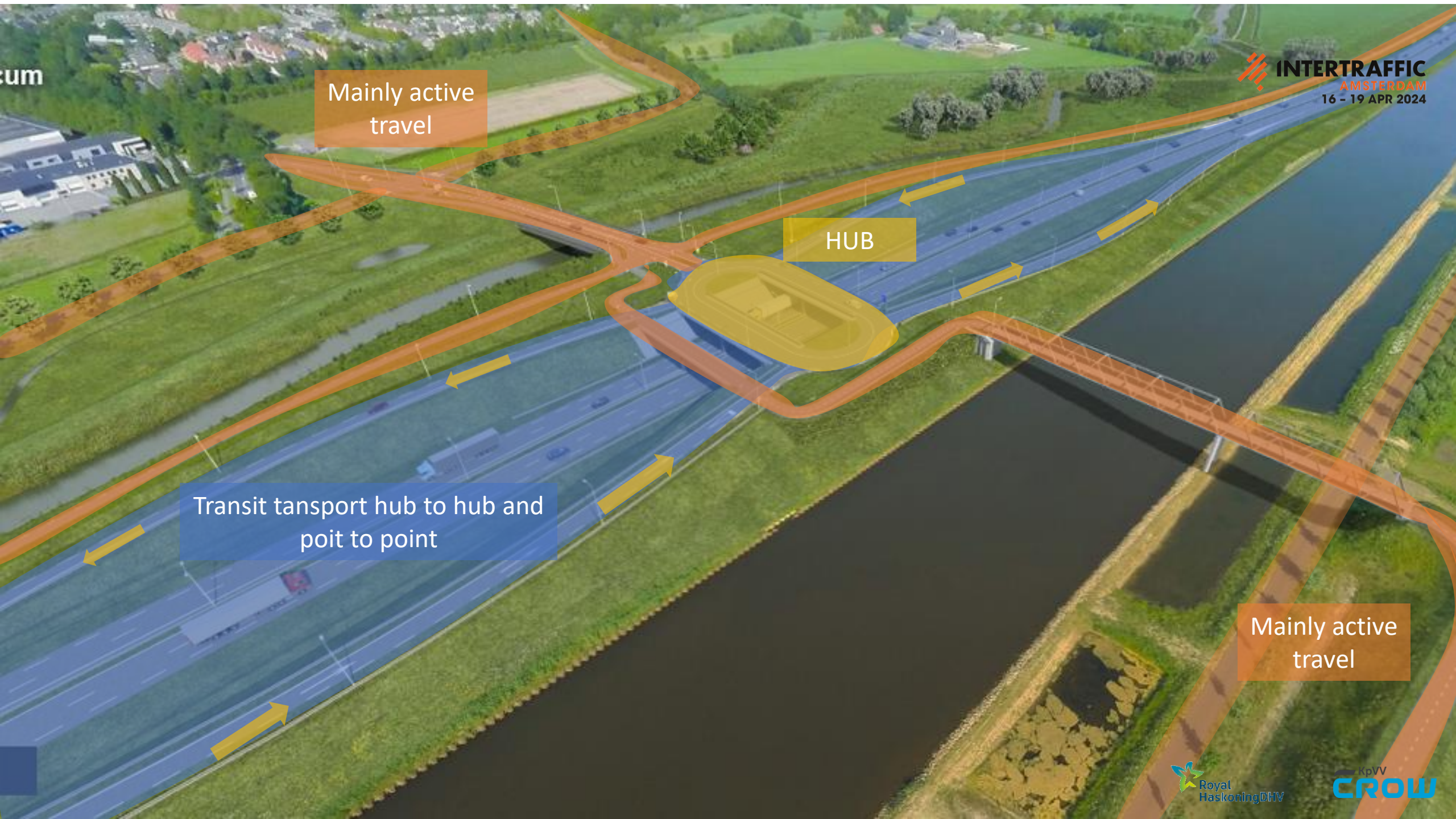


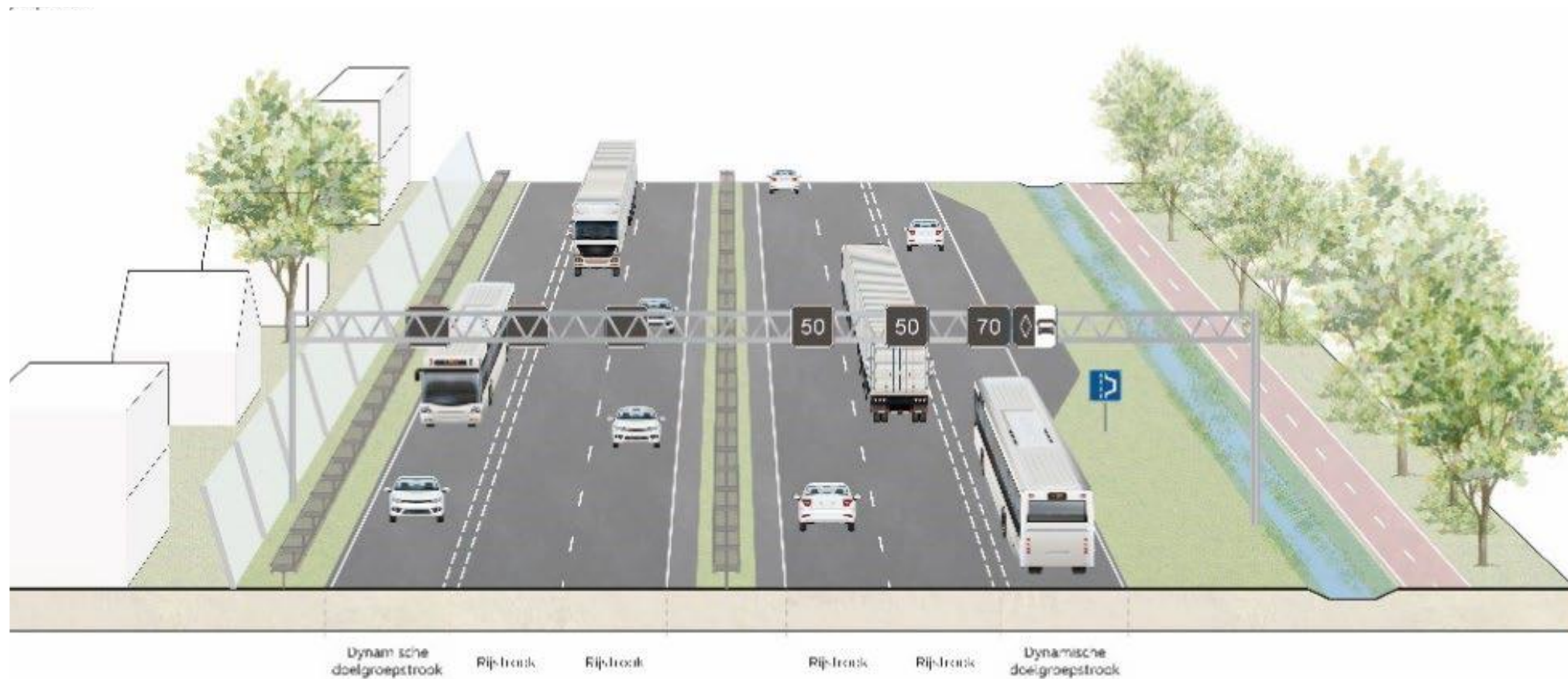
Mainly active travel

HUB

Transit transport hub to hub and point to point

Mainly active travel





Spot on the horizon



Road safety

Accessibility



Climate

Livability

Spatial Development



Inclusivity

Human centered approach



Cost reduction

Employment



Public transport and private mobility
may somehow merge

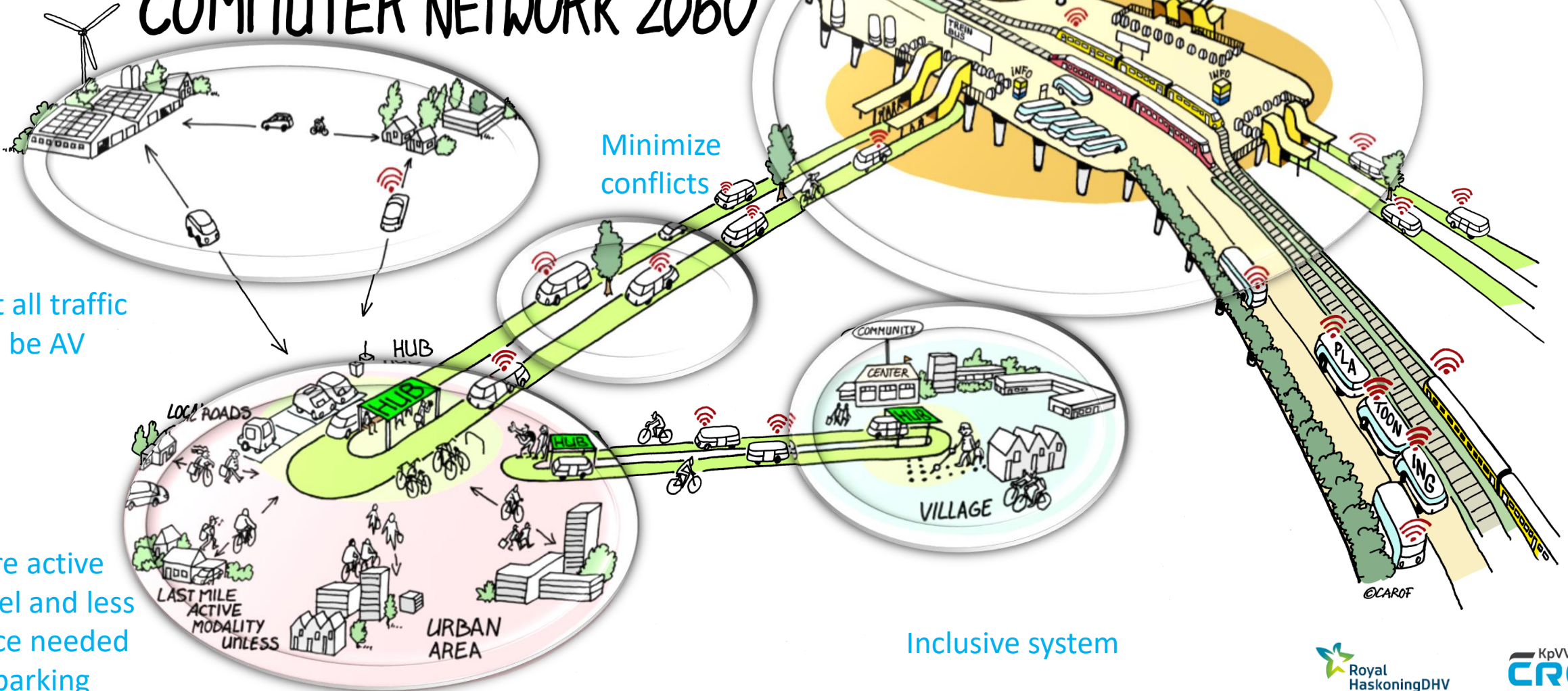
COMMUTER NETWORK 2060

Not all traffic
will be AV

Minimize
conflicts

More active
travel and less
space needed
for parking

Inclusive system



Keep the good elements of European road desing



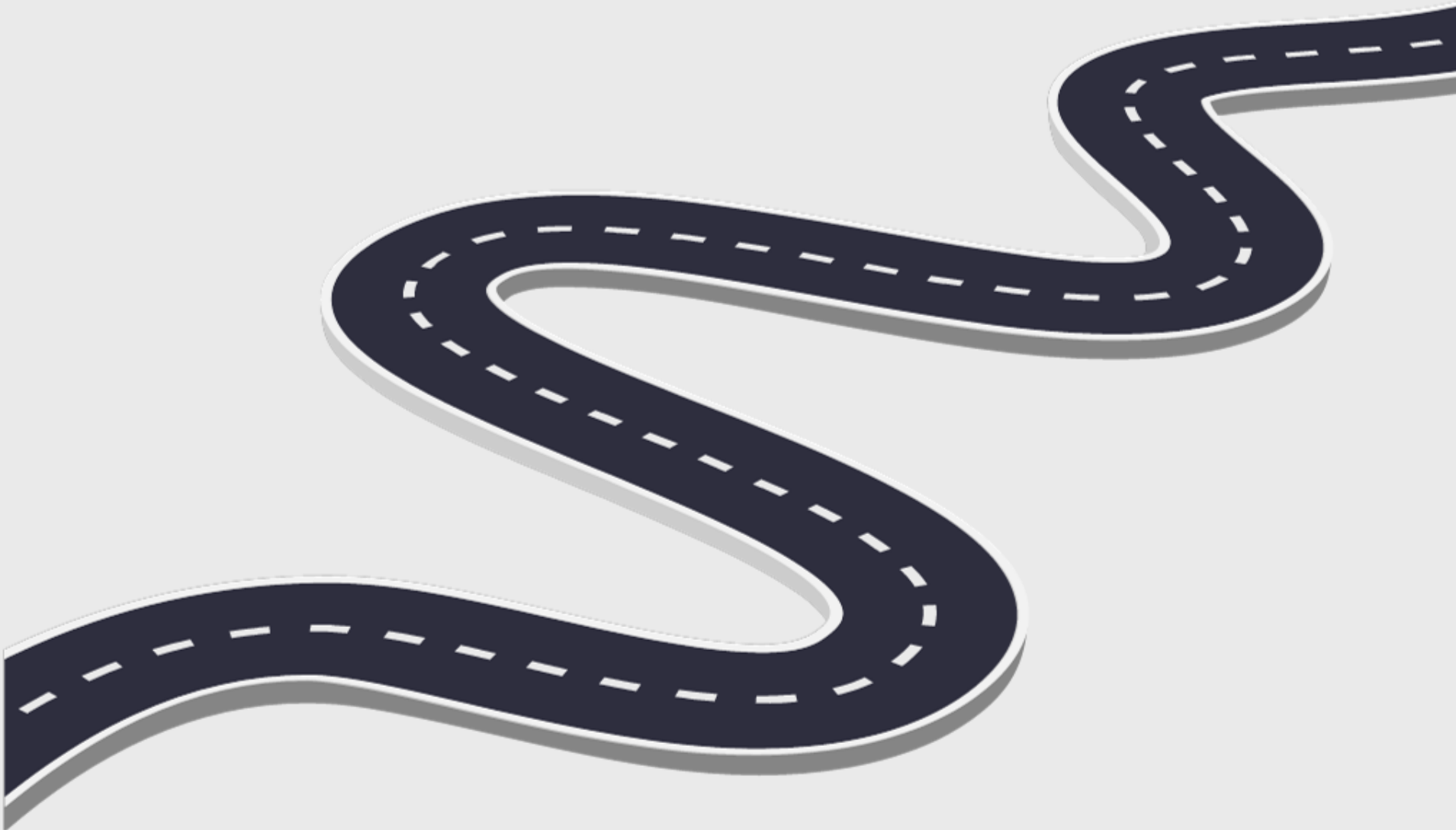
...on the road to more uniformity

Guiding principles

- reducing complexity
- increasing uniformity and consistency
- further developing digitalisation and connectivity

Reduction of complexity

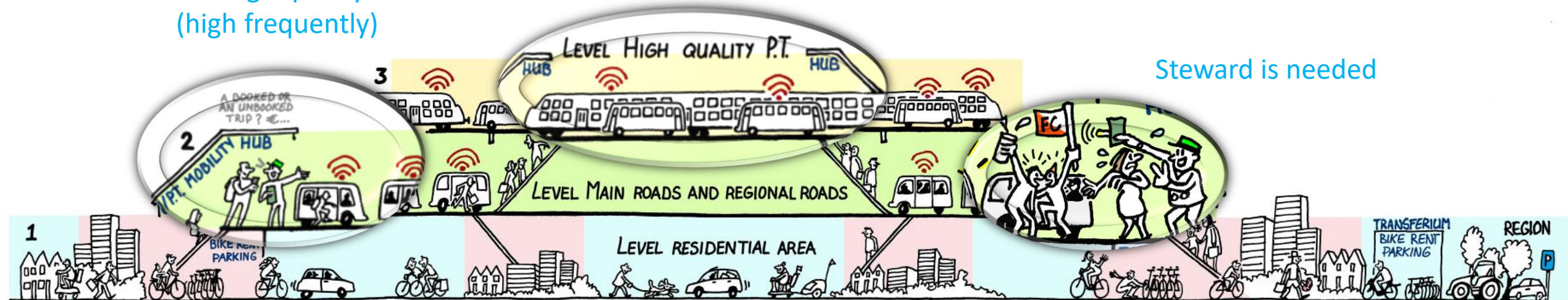
Steps towards infrastructure simplification



FROM DOOR TO DOOR ON 3 LEVELS

It's not about automation
but high quality of service
(high frequently)

Steward is needed



Policy opportunities for
capacity by pricing

Thank you for your attention!



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