

# The next frontier of public space: The highway

Urbanism Next Europe 2021

Parallel Session 2: Future Perspectives on Public Spaces

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10 June 2021

URBANISM NEXT EUROPE  
**2021**



# RIJKSWATERSTAAT, The Netherlands



Water



Environment



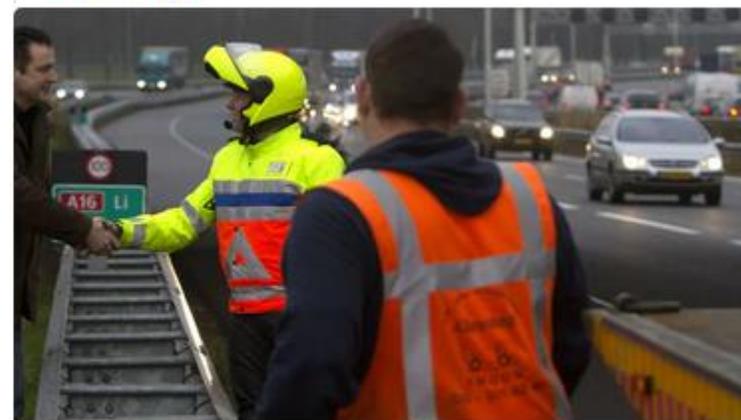
Mobility



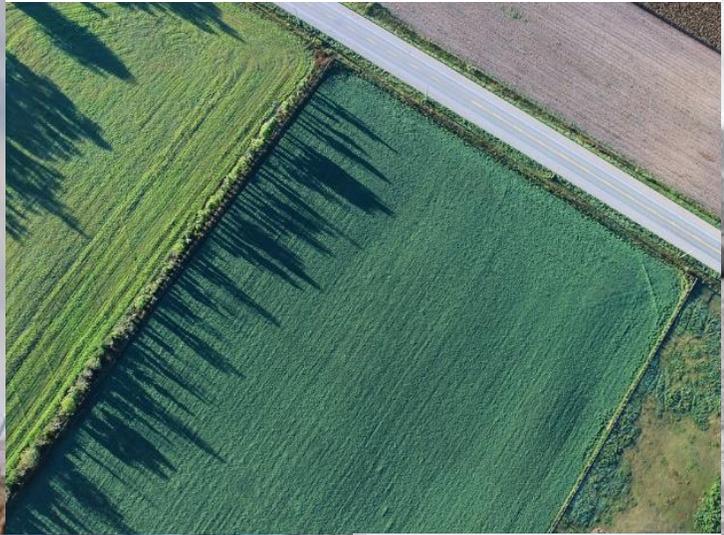
Cooperation



About us



Contact





Rijkswaterstaat  
Ministerie van Infrastructuur en Waterstaat

## Rijkswaterstaat manages the Dutch infrastructure networks

This is **nearly 10%** of the total surface of the Netherlands

Compare: 3% of the Netherlands is National Park



Rijkswaterstaat has been responsible for managing roads and waterways since 1798. The work we do has altered radically over the centuries





# Auto mobility as a novelty

1937

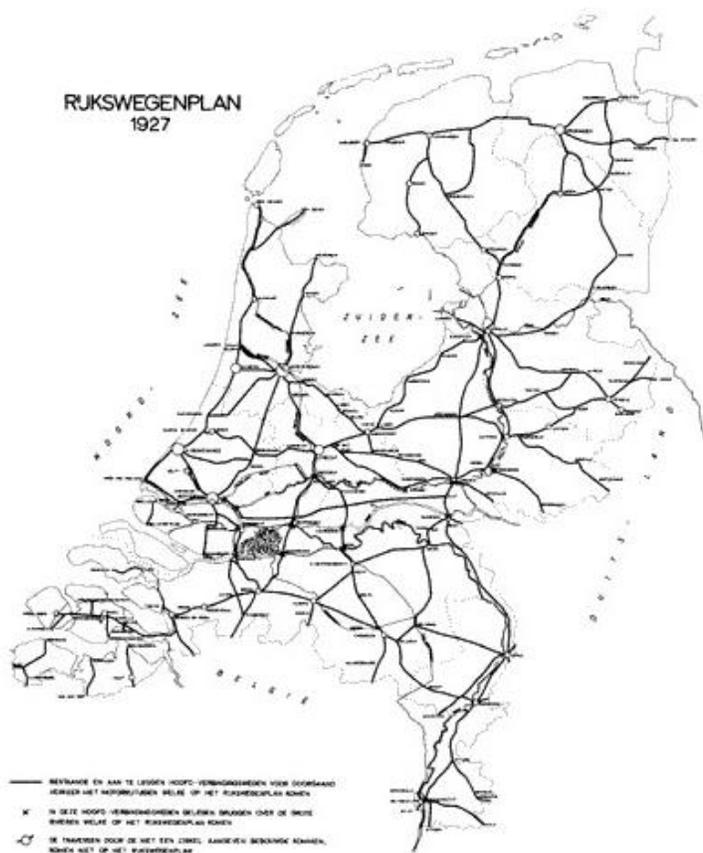
A27 Voorburg – Zoetermeer

The first highway in the Netherlands





# Mobility has become a commodity



1927: The plan



Now: 3,000 km of roadway



Only (fast)  
motorized  
vehicles



Positioning ourselves for the next shift



# Region dialogues

- **Rotterdam-Den Haag**
- **Eindhoven**
- **Tilburg**
- **Geleen-Chemelot**
- **Groningen**
- **Zwolle**
- **Utrecht**
- **Arnhem-Nijmegen**
- **Amsterdam**







# Tilburg-Waalwijk

- Consequences and implications at the local, regional and national scale
- Recreational and logistics trip generators
- Regional bike network to alleviate the roadway and reclaim capacity

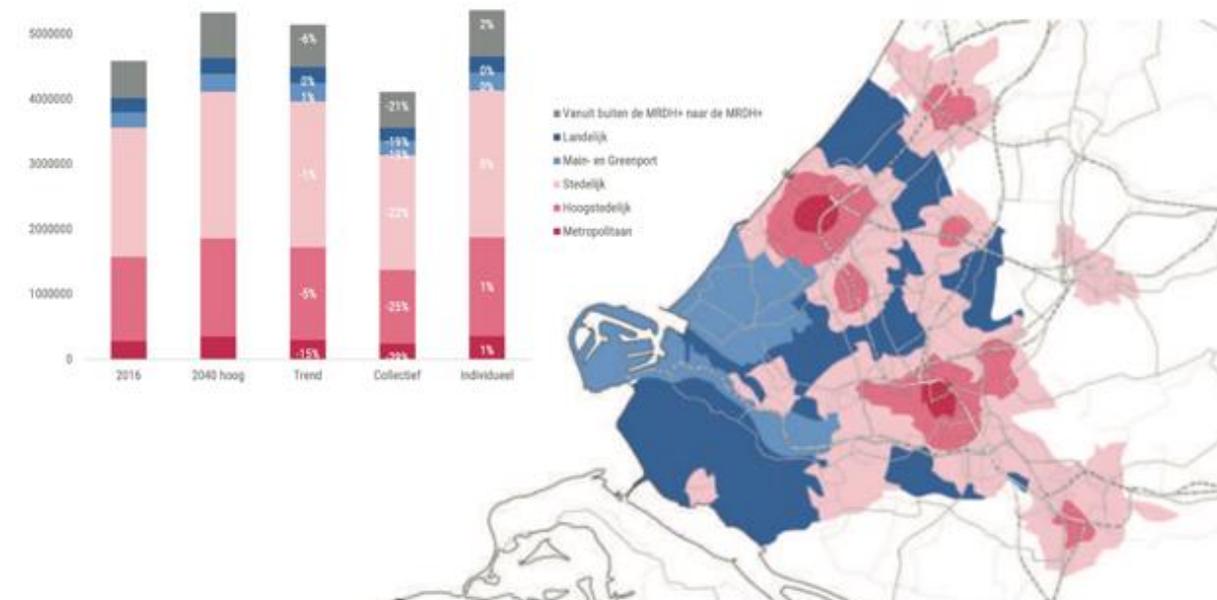


Source: SPINN design



# Rotterdam-The Hague

- Freight transport
- Local city traffic on national highway network





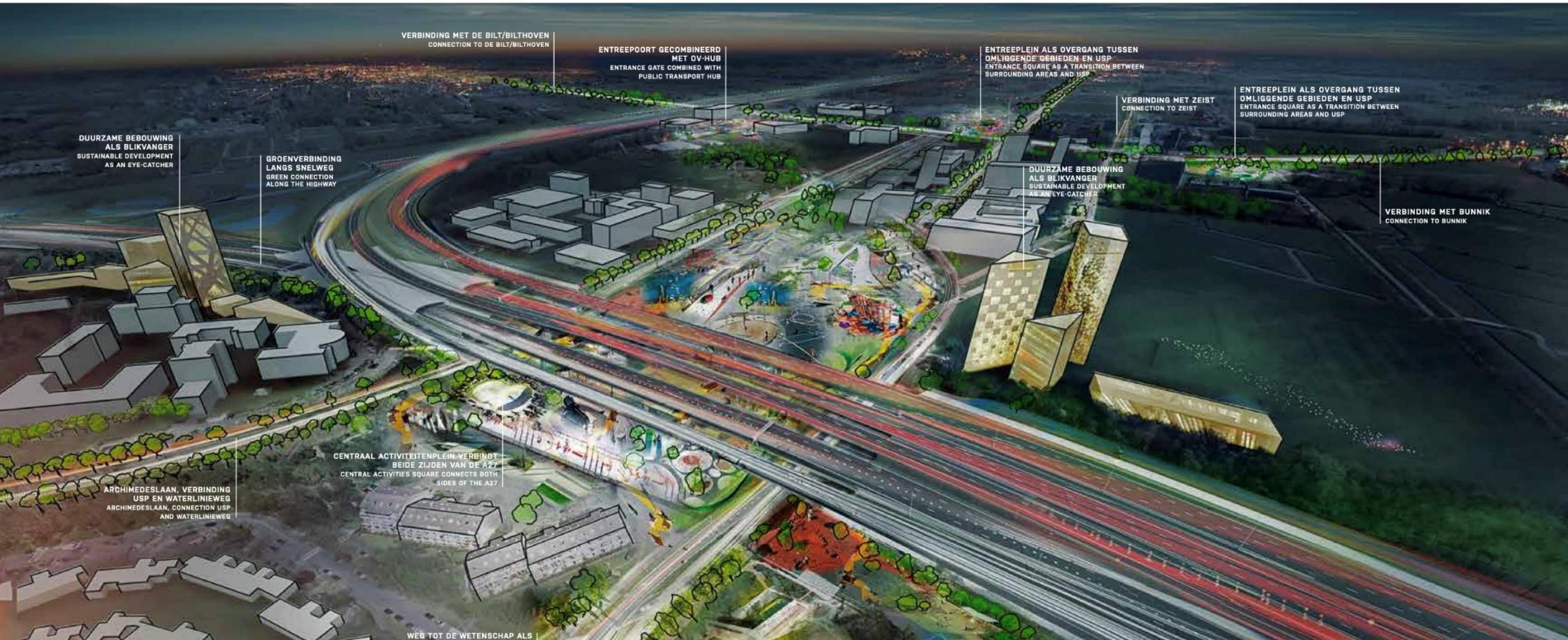
Rijkswaterstaat  
*Ministerie van Infrastructuur en Waterstaat*

# A view on the future of the Highway



# A view on the future of the Highway

- New and more target groups who use the national highways
- A shift in the balance between **freight** and **passenger** transport
- Several route options through **chain mobility** to destination
  - Up to date information for travelers on route options
  - Fully integrated with other transportation networks
- **A multi-modal national highway network**
  - A place rather than a space
  - The private car will stay around



*The highway zone is and will further become filled with an accumulation of theme's and claims for space and accessibility*  
*Source: BNA Design Research 'Snelweg x Stad' 2016*