

Smart Steering Directing traffic in a smart way

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Rijkswaterstaat
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Smart mobility.
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Smart Steering Trial



Cities and service providers will start working together in a Smart Steering trial.

Smart Steering in 2 minutes



NLTimes



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Nu: NOS Radio 1 Journaal Luister Kijk live App'je

Binnenland

Sluiproutes van navigatie-apps zijn niet sneller

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Data stream 1: traffic management plans

Goal: Inform service provider about chosen approach.

Share: Extension of regular TMP-data:

- Desired Traffic Management Service (limit/avoid inflow, increase outflow, redirect)
- Motivation ('Journalistic data')

Result: Service provider can adjust its advice, navigation route, etc.

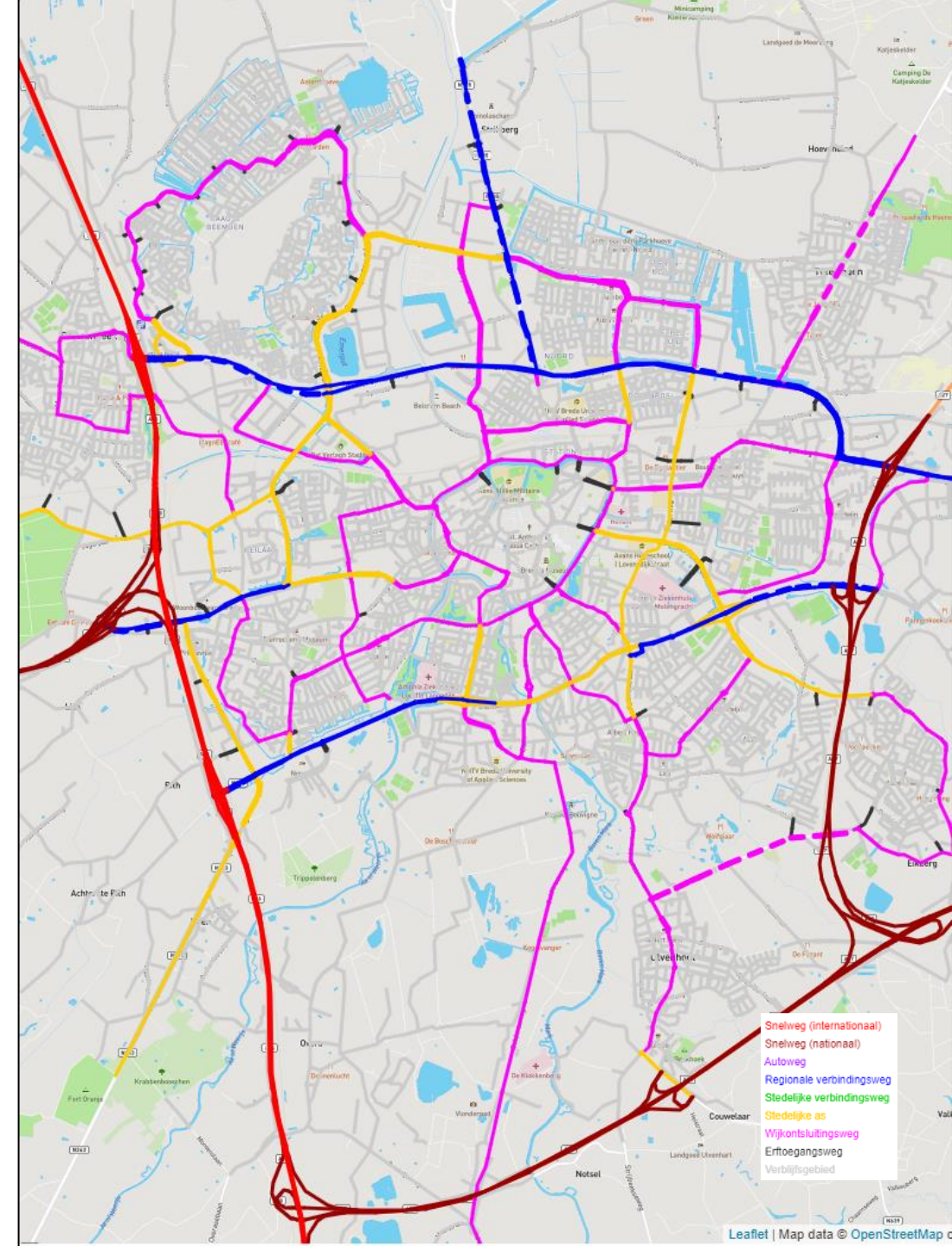


Data stream 2: network policy information

Goal: Share policy information on the road network and on the desired use of roads with service providers.

Share: Function, desired use of roads and roads to avoid.

Result: Service providers can guide traffic over intended main roads and avoid route navigation via undesired roads (like streets in residential and school areas and village shortcuts).



COVID-19 special: Spin-off

Cause:

- Test and evaluation of regular project postponed
- Crowds on roads to nature reserves were a problem
- Crowds in city centers were a problem

Solution:

- Using existing crowd management tools as a trigger
- Warning in navigation systems on access roads

Broad interest:

- Other navigation devices
- Other regions



Smart Steering Today: First results

- Practical test: work in progress
- Spin-off in-car information services for busy areas and planned non-daily events
- Information profiles in DATEX II ready
- Part of the national programme for digitizing traffic management data (data top 15)
- Strengthening cooperation with road authorities: standardized digital network visions for the South of the Netherlands ready in 2023
- New partnerships with service providers: recognition, confirmation of need for road authorities
- National scale-up by Dutch Ministry of Infrastructure and the Environment (Rijkswaterstaat/NDW/VM-IVRA)

Smart Steering Tomorrow: Scale-up

- Part of the national Programme Talking Traffic
- Create a standard for sharing policy information with service providers, plan is to start with information like
 - Roads to avoid, only in case of actual problems (schoolzones, shortcut routes)
 - Road classification
 - Inncity parking routes
 - Freight traffic routes
- Dialogue with service providers will start soon, led by Dutch Ministry of Infrastructure and Water Management
- Proof of Concept expected in 2022

In Traffic Management of the future, cross-border cooperation is key!

The traffic manager's role is changing in an increasing connected and digital world

To improve accessibility and encourage innovation, governments, knowledge institutions and companies need to work together

Start the dialogue today, at POLIS Annual Conference 2021

Europe, please join us!



Bron: Algemeen Dagblad



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talking traffic

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Thank you for your attention!

Questions?



More information?

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