



Rijkswaterstaat
Ministerie van Infrastructuur en Milieu

Welcome!

Hans Ruijter
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Industry Day
A9 Badhoevedorp –
Holendrecht

5 July 2017





Rijkswaterstaat
Ministerie van Infrastructuur en Milieu

Rijkswaterstaat
Executive agency of the
Ministry of Infrastructure and
the Environment

Bob Demoet
Chief engineer-director
RWS West-Nederland Noord

5 July 2017



What is Rijkswaterstaat?

We are the executive agency of the Ministry of Infrastructure and the Environment. We manage and develop the national roads, waterways and waters and promote a sustainable environment.

Together with others, we are working towards:

- the Netherlands protected against flooding
- that is sufficiently green
- where there is sufficient clean water, and
- where you can travel quickly and safely from A to B.

That is Rijkswaterstaat!





RWS's ambitions

What we aim to be:

- A nimble organisation of involved and independent people who enjoy collaborating with each other on the basis of professionalism and trust.

What we are aiming to achieve?

- Our work contributes to the quality of the country's living environment and prosperity. We put innovative technological developments into practice, for example in the area of smart mobility and energy-saving.

What is the result:

- A safe and clean delta in which to live, good accessibility and a sustainable living environment, all of which is brought about by working with other government agencies, companies and citizens.



Better every day

Examining **sustainable solutions** and other forms of infrastructure. Better use of **the existing infrastructure**, **responding to the behaviour** of road and waterway users and application of **technological developments**.





Together with others

Creating social added value
together with our
internal and
external **partners**,
with and for our
networks.





Rijkswaterstaat's domain

Rijkswaterstaat manages three national infrastructure networks





Regional organisational units of Rijkswaterstaat

Seven regional organisational units of Rijkswaterstaat are responsible for

- supervising public works in the region
- constructing, managing, maintaining and improving infrastructure and waterworks
- Regional consultations with fellow road authorities on traffic and transportation matters.

	Rijkswaterstaat Noord-Nederland
	Rijkswaterstaat Oost-Nederland
	Rijkswaterstaat Midden-Nederland
	Rijkswaterstaat West-Nederland Noord
	Rijkswaterstaat West-Nederland Zuid
	Rijkswaterstaat Zee en Delta
	Rijkswaterstaat Zuid-Nederland





West-Nederland Noord – **safe, liveable, accessible and tunnels**

The West-Nederland region is a busy region with large regional, national and international players and interests



Photo: Thomas Schlijper





West-Nederland Noord region

- WNN contains the Netherlands' largest metropolitan region: Amsterdam
- Busy road network between Schiphol, Amsterdam and Almere
- RWS is investing in Europe's largest pumping station to ensure the region never floods
- Investing in A10 Zuid (ZuidasDok) with partners to keep this important economic area accessible and livable.





Rijkswaterstaat West Nederland-Noord (WNN)



Europe's largest pumping station

Traffic control centre



323 km of motorway

Eight locks, including IJmuiden Locks Complex



14 km of dunes, dams and dikes



5 tunnels, including Velser- en Wijkertunnel



131 bridges

Aqueducts





Many projects, as well as a number of studies/surveys, under way

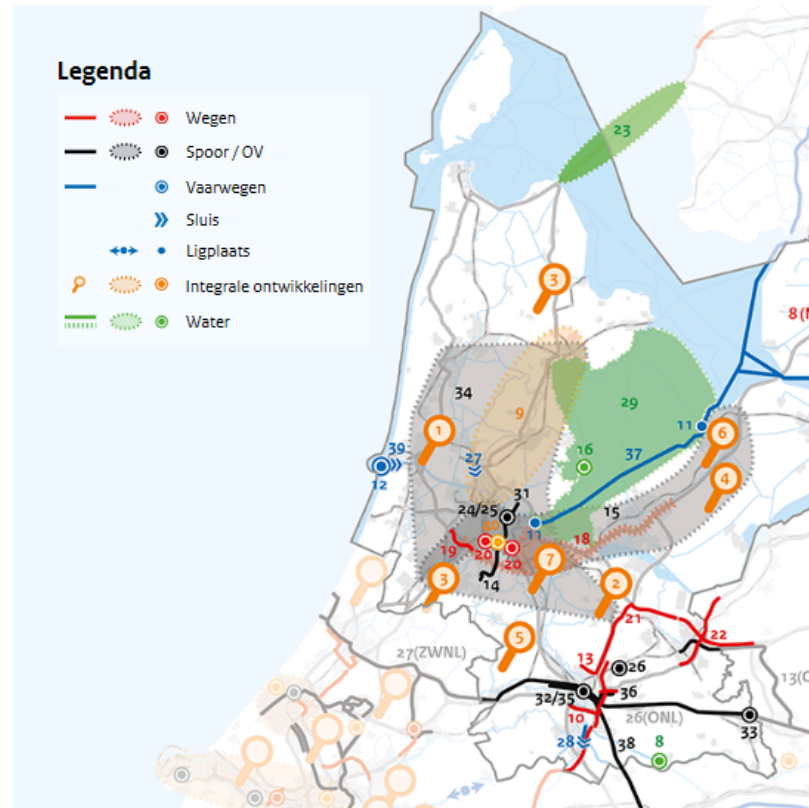
Projects

- IJmond sea access
- SAA A1/A6/A9
- Badhoevedorp diversion
- N200
- Zuidasdok

Mirt studies, surveys and feasibility studies

- Accessibility of Amsterdam's north-west
- Accessibility of Amsterdam's east
- Amsterdam-Hoorn corridor study
- Urban accessibility of the Amsterdam metropolitan region
- Marken
- Lighterage of IJmuiden outer harbour

Noordwest-nl





Amsterdam Bereikbaar

Much work is planned in and around Amsterdam in the next few years improving the city's accessibility by road and rail. The partnership platform *Amsterdam Bereikbaar* was set up to coordinate this work and to minimise inconvenience to road and public-transport users.

Partners:

- Municipality of Amsterdam
- Province of North-Holland
- The Amsterdam transport zone
- ProRail
- Rijkswaterstaat.





What are *Amsterdam Bereikbaar*'s tasks?



- To strengthen the existing infrastructure without assuming responsibility for projects or taking responsibility from infra managers.
- To ensure that the projects, infra managers and contracting authorities collaborate more intensively.
- To ensure that the project and infra managers understand the effects of all construction projects combined on the region's accessibility. This requires a complete and constantly updated insight into accessibility by road and rail.
- To advise on measures required to keep regional accessibility as optimal as possible.



For me, a project has succeeded if

- The region's accessibility is safeguarded during the work on the A9 between Badhoevedorp and Holendrecht by carrying out work simultaneously on the A10 at ZuidasDok
- Accessibility, reliability and safety of the A9 between Badhoevedorp and Holendrecht will remain high during the entire life-cycle of the road
- The road blends in well with the environment
- A high degree of sustainability during the construction work and subsequent operation
- Partners and stakeholders are satisfied.



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Expansion of the Schiphol-Amsterdam- Almere (SAA) road

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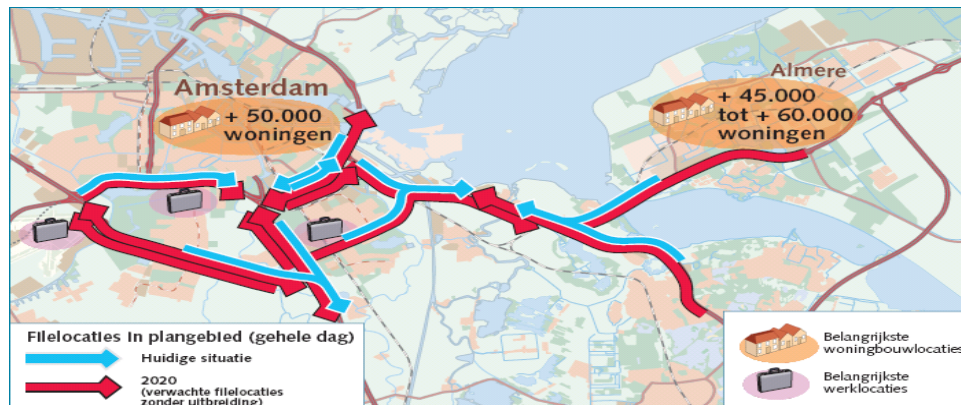
Objectives of Schiphol-Amsterdam-Almere (1/2)

Situation:

- Road capacity is insufficient to accommodate growth
- Increasing traffic congestion and economic development under pressure.

Objectives:

- To **improve accessibility**, economic developments and employment in the northern Randstad region
- To increase mobility on the Schiphol-Amsterdam-Almere route





Objectives of Schiphol-Amsterdam-Almere (2/2)

To **improve the living environment** in the region by building with respect for nature and the social environment

- Construction of a three-kilometre-long tunnel in south-east Amsterdam
- Construction of a 65-m-wide aqueduct under the river Vecht
- Use of noise reducing asphalt
- Construction of 33 km of noise barriers
- Compensating our use of nature and constructing eco-passages and bike routes.



Timeline

A10 - East/ A1 Diemen (completed)	2012 – 2014
A1/A6 Diemen - Almere Havendreef	2014 – 2020
A9 Holendrecht - Diemen	2015 – 2020
A6 Almere Havendreef - Almere Buiten-Oost	2017 – 2020/22
A9 Badhoevedorp - Holendrecht	2019 – 2024/26





A10-Oost/A1 Diemen (completed)

- Planning: 2012 - 2014
- 8 km of motorway (2x4), 12 km of noise barriers, reconstruction of 13 viaducts
- Contract: Design & Construct





A1/A6 Diemen – Almere Havendreef

- Timeline: 2014 - 2020
- 23 km of motorway (2x5 + alternating lane), 60 new viaducts and bridges, Europe's widest aqueduct
- Contract: DBFM





Cooperation and partnership with SAA



As “the Netherlands' builders” we excel by being reliable, approachable and inspiring. On behalf of the country's citizens and companies, we are working together on a safe, liveable and accessible Netherlands.



SAA contracting that serves

- 'Serving the assignment' together
- Learning, evaluating and improving together
- RWS facilitates contractors in realising their plans
- Nothing kept hidden, but everything 'out in the open'
- Collaborating on a solution while retaining respective responsibilities.



What do I want from you?

- Safety
- Expertise
- Transparency
- Approachability
- Robust implementation plans
- An eye for the environment.



When has the project succeeded from my point of view?

- A reliable, available and safe road completed on time and within budget
- Satisfied stakeholders and environment
- Satisfied RWS manager
- A satisfied contractor.