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Taskforce Dutch Roads

# for self-driving vehicles



The Dutch government considers the technologies for self-driving vehicles to be a great opportunity to improve road safety and reduce the number of casualties on the roads. Therefore, the ministry of Infrastructure and Environment has decided to encourage the development and introduction of these technologies onto our roads and to act as a facilitator. As part of this national ambition, the Taskforce supports Dutch road authorities by developing knowledge and sharing experiences of tests with self-driving vehicles. This yields uniform strategies and treatment, which will be favourable for companies applying for tests in the Netherlands.





## Motorways and through roads

Standard solutions available for testing:

- Physically separated traffic flows
- Grade-separated crossings
- High average speeds
- Variety of volumes (from low to high)
- Roadside systems
- Well-maintained roads

## Special facilities also available, such as:

- High volumes
- Multiple-lane motorways (3-5 lanes)
- Varied speeds (100, 120 and 130 kph varying in terms of time and volume)
- Tunnels
- Weaving area with high volumes
- Short distances between junctions
- Regional through road has only marking in the center



## Distributor Roads

Standard solutions available for testing:

- At-grade junctions
- Standard roundabouts
- Separation of slow-moving traffic
- High speeds (80 km/hour)



## Special facilities also available, such as:

- Within built-up area (50 or 70 kph)
- Special crossing solutions, such as turbo roundabouts
- Crossing slow-moving traffic
- Traffic light control systems
- Trees close to the road
- Agricultural traffic on the carriageway



## Access Roads

Standard solutions available for testing:

- Mixed traffic
- Standard roundabouts
- Speed bumps
- Agricultural traffic on the carriageway
- Absence of axis markings and edge markings

## Special facilities also available, such as:

- High volumes of cyclists and pedestrians
- Various modalities (mopeds, motorized quadricycles, electric bicycles, freight bicycles, etc.)
- From rural to residential street
- Poor or inconsistently conceived speed reduction measures



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## Test applications

All interested parties aspiring to test self-driving or connected vehicles would be most welcome to get in touch with the Netherlands Vehicle Authority (RDW) via the following link: [www.rdw.nl/ITS](http://www.rdw.nl/ITS)

## Taskforce Dutch Roads for Self-driving Vehicles

The Taskforce Dutch Roads works together with the working group self-driving vehicles of the Ministry of Infrastructure and Environment and consists of both local and regional road authorities, complemented by knowledge institutes and public safety organizations. The primary objective of this Taskforce is to provide maximum service when it comes to applications pertaining to tests involving self-driving vehicles on public roads in the Netherlands.

**The Netherlands:  
a small country  
with great potential!  
#smarttogether**

## Test locations

As part of the approach by the Dutch Ministry of Infrastructure and Environment, the Taskforce is ready and willing to assist.

The Netherlands will have a site available for the purposes of practical testing of your system on public roads. If you have any questions related to Dutch Infrastructure, you are welcome to contact the Taskforce Dutch Roads to get in touch with the Dutch authorities in order to jointly explore the possibilities in terms of finding the ideal testing sites on public roads.

For information contact the National platform for infrastructure, traffic and transport CROW: [verkeer@crow.nl](mailto:verkeer@crow.nl)

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## What does the Taskforce offer?

- Knowledge, shared by road authorities, of the Dutch road network, in terms of motorways, inner-city roads and roads outside of built-up areas. The Netherlands has a varied and high-quality road network available, consisting of well-maintained motorways and busy urban areas.
- A challenging road network is available for testing should you so choose. Consider in this regard short distances between junctions close to the major cities and weaving areas with high volumes of traffic. Within cities we have roads available with a wide array of road users, including cars, lorries, bicycles, mopeds and suchlike.
- The Taskforce offers a connection to enthusiastic road authorities who will be happy to put their road network at your disposal. A number of examples include the local authorities of Helmond, Wageningen, Ooststellingwerf, as well as the provincial authorities of Gelderland, Brabant and North Holland, and, of course, Rijkswaterstaat.
- The Taskforce helps involved road authorities with procedures surrounding the test applications. To this end, a toolbox and step-by-step plan are developed. There is also expertise and know-how on aspects such as liability in the event of accidents involving self-driving cars, as well as the experience acquired from past testing in order to facilitate tests with self-driving vehicles.



Ministry of Infrastructure and the  
Environment



Rijkswaterstaat  
*Ministerie van Infrastructuur en Milieu*

