

Impact of Autonomous Vehicles

Province of North-Holland & Transport Authority Amsterdam

CHALLENGE

Arcadis was asked to conduct an impact study together with TNO on the (positive and negative) impact of the autonomous vehicles (AV) for the Province of North Holland (PNH) and the Transport Authority Amsterdam. The focus on the less urbanized areas included the following questions:

- What scenarios can be depicted for PNH and Transport Region as a result of the arrival of the AV?
- What impact will AV have on the objectives of PNH and the transport region given the different typologies and demographic developments?
- Which scenario impacts more or less meet the policy objectives ?
- What interventions from the road manager and concessionaire (public transport) are needed?

SOLUTION

The Arcadis study dealt with the various unknowns in this field. The study had to make connection between various field (spatial planning, infrastructure, public transport), but also from research to operations.

IMPACT

Arcadis completed the impact assessment of autonomous vehicles on both the road authority and public transport perspective in North Holland. The result was a comprehensive look at the connection from research to operations in this field, including advice on government interventions.