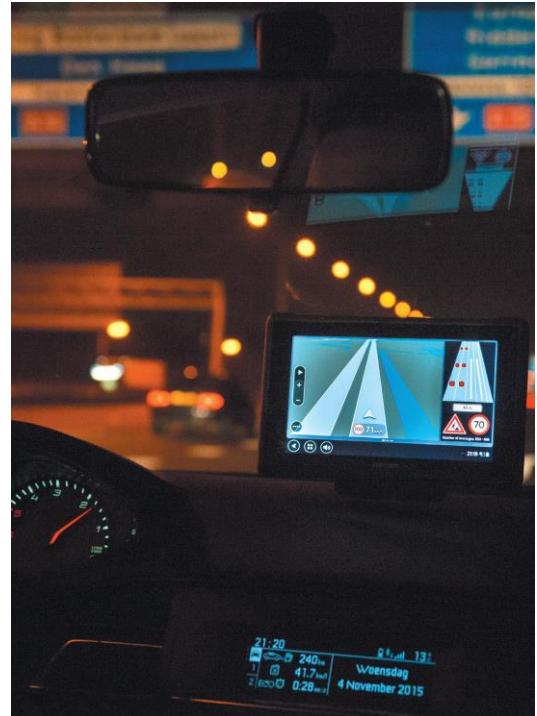


TomTom BRIDGE: Connecting drivers with information on Road Work Warning , a project for the Dutch Ministry of Infrastructure & Environment

In a field test for A16 road works warnings, the latest advancement in smart mobility - Cooperative Intelligent Transport Systems (C-ITS) - proved its value. With C-ITS, vehicles and roadside systems in the Netherlands remain permanently connected via wireless communication.

Drivers receive real-time information about what they'll encounter on the road and nearby. In November 2015 the Dutch project team, Cooperative ITS Corridor of Rijkswaterstaat, tested the functionality of the Road Works Warning service in a field test that was the first to be undertaken at live road works.

During the trial, the temporary change in lane layout was presented in real time in two test vehicles which passed the road works site several times. Road works and temporary traffic management measures were displayed via the TomTom BRIDGE unit.



The challenge

- Rijkswaterstaat asked a number of suppliers to combine their respective individual expertise for the Road Works Warning field test.
- Cooperative ITS ensures a seamless connection between the road systems and the vehicles.
- End users will be able to utilise C-ITS services, irrespective of the vehicle, supplier, network operator, country or road operator.

The results

- During the field test, real-time roadwork messages were displayed in the cars using an On Board Unit consisting of Cohda hardware together with TomTom BRIDGE.
- TomTom BRIDGE offers a range of features for third-party software development, allowing information about roadworks to be sent to drivers on existing navigation systems.
- Altran create the architecture, design implementation and end-to-end testing for the demonstration system.

“TomTom BRIDGE offers an integrated real-time alert system that makes emergency road works safer for everyone on the road.” ~ Cooperative ITS Corridor of Rijkswaterstaat

