



The intelligent trafficlight controller



Sustainability

The iTLC enables the quick implementation of novel and more efficient algorithms to handle traffic dynamically, ultimately decreasing the emissions of CO₂, particulate matter, and traffic noise.



prioritization of special vehicles

Priority for public transport, emergency vehicles, and future modes requiring this can be easily implemented and adjusted



promoting active modalities

Cyclists and pedestrians, especially in large groups, that frequently use the same route, can profit from more timely green lights.



Use case development

The presence of the open communication platform enables service providers to develop new, yet unimagined use cases. Scaling up the iTLC within Europe will speed up this process.

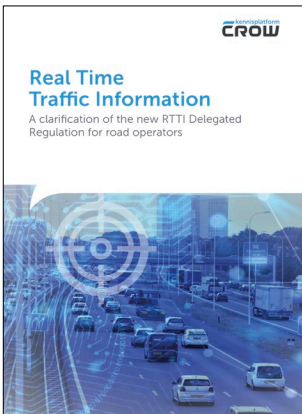
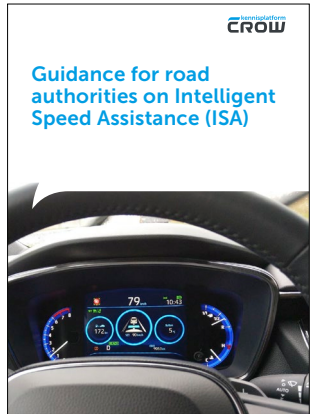


Governance

The public-private standards, developed by parties in The Netherlands and Flanders, are free to use.

Find out more at:

<https://www.crow.nl/thema-s/smart-mobility/landelijke-ivri-standaarden>



Available in English for road authorities:

- Whitepaper Future-proof design of roads
- Intelligent Speed Assistance (ISA)
- Real Time Traffic Information (RTTI)

CROW/Smart Mobility

About CROW

CROW is the technology platform for transport, infrastructure and public space. It is a not-for-profit organization in which the government and businesses work together in pursuit of their common interests through the design, construction and management of roads and other traffic and transport facilities. Active in research and in issuing regulations, CROW focuses on distributing knowledge products to all target groups.

www.crow.nl