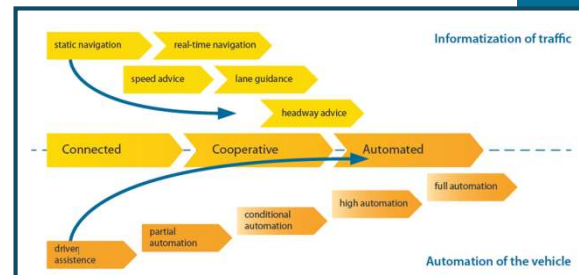


Ministry of Infrastructure and the Environment

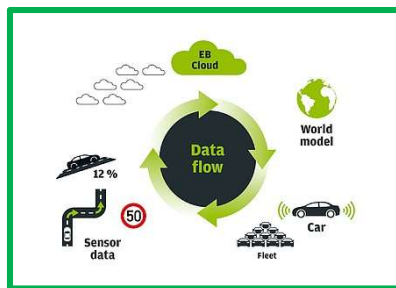


Bringing Connecting and Automated Driving to the next level

From declaration to reality

Antoine de Kort

Ministry of Infrastructure and the Environment / Rijkswaterstaat the Netherlands

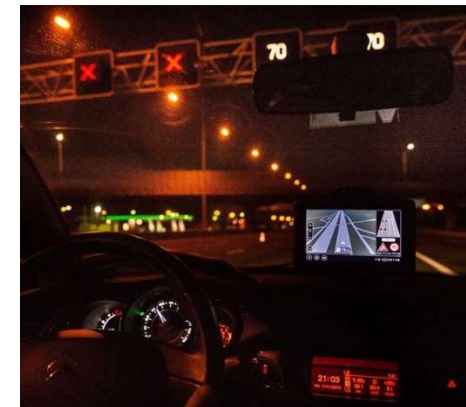




Challenges and experiences in 2016



EU
2016



Cooperative
ITS Corridor
Joint deployment



Intended, to be elaborated in 2016 - 2018

(First inventarisation, 31 mei 2016)

CLUSTER: RETAIL

Corridor	Shipper	Carrier	CEM
Geldernaken – Zaandam Aa	Ahold	Peter Appel, Simon Loos	DfE, Mercedes-Benz
Tilburg – Gent AaB, Exp. Ert	Ahold	Peter Appel, Simon Loos	DfE, Mercedes-Benz
Tilburg – Heerlen AaB, Aa	Ahold	Peter Appel, Simon Loos	X
Veghel – Heerlen Aa, Aa	Jumbo	Jumbo transport	Scania
Heteren – Assen – Groningen Aa, AaB	Kruisvat	Tierbeke	Scania
Heteren – Gent Aa, AaR, Exp. Ert	Kruisvat	Tierbeke	Scania



CLUSTER: LVC (Long Vehicle Combination)

Corridor	Shipper	Carrier	OEM
Beverly - Breda ASB, A2	Buckwood	Kaptein Flex	DAF



CLUSTER: NIGHT DISTRIBUTION


Commode	Shipper	Carrier	OEM
Eindhoven – Zwolle Aso	Versas/ Grougaje	Sanders Fritom Ogema	DAF / Scania Mercedes-Benz / Volvo / Daim
Zwolle – Utrecht Aso			Mercedes-Benz/ MAN
Mingelo – Den Haag/ Rotterdam Aso, Aso, Aso, Aso	spkcontainers Tiki	DHL Parcel	Mercedes-Benz/ MAN

CLUSTER: FOOD

Corridor	Shipper	Carrier	OEM
Rotterdam – Duisburg As6, AsJ8, AdJ	Unilever	TBC	Isoco
Rotterdam – Vothel Ars, Ars		Kaohsu + Napol	



CLUSTER: BULK/PIECE GOODS

Consignor	Shipper	Carrier	OEM
Rottterdam - Luxemburg A15, A16	Yusen	De Rijke Group	
Amsterdam - Drachten, A5, A6, A7	B&B Logistics	B&B Logistics	
Schedam - Grubbenvorst, A20, A18, A15, A50, A75	B&B Logistics	B&B Logistics	
Amsterdam - Harderberg A5, A18, N540, N41, N51, N54	B&B Logistics	B&B Logistics	
Rottterdam - Bergen op Zoom A15, A16, A17	Graaf	Van der Wal Transport	
Rottterdam - Utrecht, A15, A6, A10, A14, A17	Graaf	Van der Wal Transport	
Riesmond - Utrecht, A73, A2	Rockwool	Van der Wal Transport	
Riesmond - Steenwijk, A75, A50, A32	Rockwool	Van der Wal Transport	
Hoeftaard - Herten A28, A50-etc	SCA	Reining	
Hoeftaard - Steenwerde/Ising (P)	Ardagh	Reining	
's Heerenberg - Gert A12, A55, A50, A17	Vianen	Ruben	MAN/Mercedes
Oss - Gert A50, A17			Mercedes-Benz
Essen (Dtsld) - Den Bosch/Zoeterwoude N11, A12	Heneken	Reining	MAN / DAF
Wijges (Dtsld) - Zoeterwoude/Den Bosch	Heneken	Reining	
Stombert (B) - Zwolle, A2, A15, A50, A28	SCA	Reining	MAN / DAF
Stombert (B) - Tilburg, A2, A18	SCA	Reining	Mercedes-Benz



CLUSTER: GREENPORT (flowers)

Corridor	Shipper	Carrier	OLE
Breitsjø, Aulneet, Naarhøj → Rydning, Gidsø - Venlo A4, A15, A4, A75	Royal Flora Holland	Van Duynbode Van Zaal Wierstra Geranco Getru	Vakel/ D&S/Scania
Breitsjø - Madrid A20, A4, A15, A16 → richting Madrid		Van Zaal	





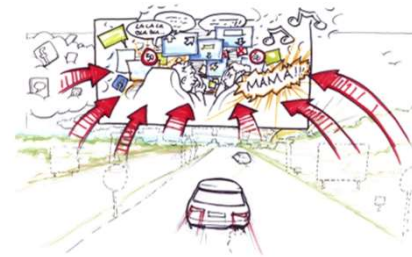
Next steps



Experimental
law NL
+
guidance
document
UN-ECE WP1



Defining
use cases
“hands off”
driving
in 2019



Examining impact
on daily practice:

- connectivity & automation
- mixed traffic & human factors
- physical & digital infrastructure
- interaction with traffic management
- organising data flow



Organising
collective
learning



Let's work and learn together!

further contact:

antoine.de.kort@rws.nl

florien.vander.windt@minienm.nl

edwin.nas@minienm.nl