

Key note speaker: John McNicol

Nova Modus

Connected and Autonomous Vehicles



Bus



MetroBus

P + R

Park & Ride



Rail



Walk



Cycle



Drive



Motorcycle



Journey
Planning



Smartcards



Car Share







Open regulatory
approach

International leadership –
UNECE Committees

Insurance – Automated and
Electric Vehicles Bill

Testing – Code of Practice

Exploring wider domestic
reforms



£150m for
collaborative R&D

73 projects & £120m funding
across 200+ organisations

£15m CAV Simulation &
Modelling – closed May

tbc ~£20m “CAV4”



£100m for testing
infrastructure

A coordinated testing
ecosystem – MERIDIAN

£51m Meridian 1 winners
announced Autumn 2017

**£5m Meridian 2 (data) &
£25m Meridian 3
(highways, urban, parking)
launched 4 June**



CAV R&D Projects in WoE



www.venturer-cars.com

@Venturer_Cars

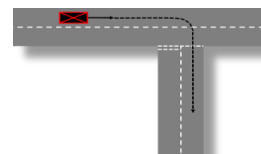
10 industry & public sector partners

£2M industry | £3M CCAV | Complete Jun 18

Users / drivers & cyclists rate **TRUST**

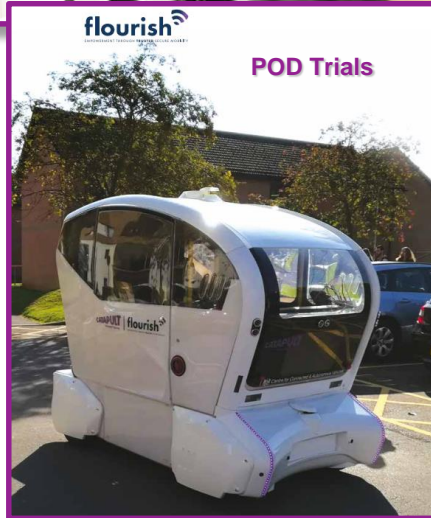
Approaches to testing algorithms & sensors

Demonstrate & trial CAVs on real roads



VENTURER Driverless Car Trial video – 2min 10sec

<https://www.youtube.com/watch?v=JpZK06nT4Tw>



CAV R&D Projects in WoE

flourish

www.flourishmobility.com

@Flourish_cars

19 industry & public sector partners

£2M industry | £3M CCAV | Jun 16 -> 3 years

User Centric Design – especially for older adults

Secure V2V & V2X Communications

Network Simulation using Machine Learning & AI



CAV R&D Projects in WoE



www.caprimobility.com

@CapriMobility

19 industry & public sector partners

£2M industry | £3M CCAV | Oct 17 -> 30 months

On-demand mobility services on campuses

Shuttle operations in traffic *on roads*

Integration with traffic signals & network

Boundaries of commercial viability

Demonstration in The Mall car park in mid 2019



Capri Trial 1 Drone Short – 30secs

<https://youtu.be/X7uOfO6JKWw>

CAV R&D Projects in WoE

robopilot

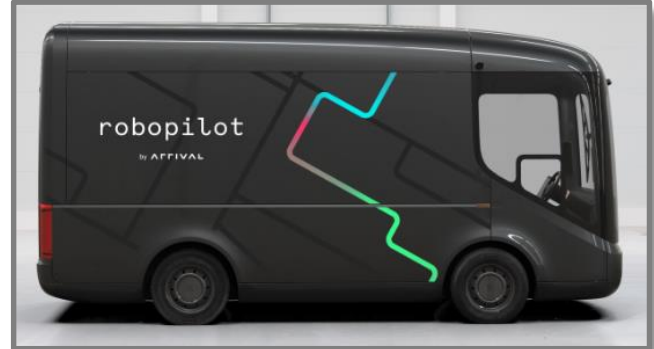
8 industry & public sector partners

£6M industry | £6M CCAV | Jan 18 -> 2 years

Automated local delivery services on roads using all-electric 4 tonne panel van

Demonstrate driverless parking & manoeuvring

Demonstrate 10-mile autonomous journey between Cribbs Causeway and Bristol and Bath Science Park in 2020



CAV Question 1

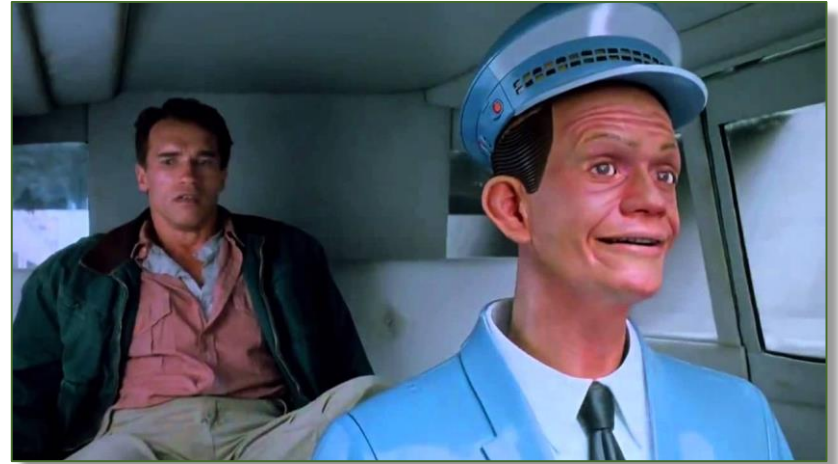


If we ban personal cars from cities, should we share public space with low speed shuttles?



CAV Question 2

Would you be willing
to share a ride if
there is no operator
in the vehicle?



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