



Synopsis

CAPRI is a consortium of experienced partners from industry, academia, public sector authorities and local government, working together to deliver a complete Pod On Demand mobility service. Led by AECOM, the consortium will take forward current research and development work on Connected and Autonomous Vehicles and lead the way to the new generation of PODs that will be capable of seamlessly transferring between the on-road and pedestrian environments.

Objectives:

Collate sufficient evidence from the deployment trials and simulation testing to support PODs becoming a recognised vehicle classification for use on public roads

Develop and deliver sustainable business models for an integrated end to end mobility service to transform travel

Harness Vehicle to Everything (V2X) connectivity to enhance the POD journey experience.

Lead the way to the new generation of PODs capable of safely operating within normal traffic on public roads.

Challenges:

Verifying and validating the safety and security of the next generation of PODs for both the on and off road environment.

Engaging with stakeholders to collate sufficient evidence to support PODs as a new vehicle classification.

Success:

Building public confidence in PODs as a safe, secure and viable connected mobility service using sustainable and clean energy.

Engaging with a range of stakeholders to test the use cases for PODs to deliver end-to-end mobility solutions.

Progress UK based CAV innovation across the consortium with the support of government investment to generate jobs and support the economy

Enable consortium partners such as AECOM to lead on understanding and designing how CAVs can and will shape and change our built environment in the future.

Milestones:

July 2017:

Project Start

Mar 2018:

Trial to test & validate POD performance at Filton Airfield

Oct 2018:

First public trial of PODs – supporting public use of a car park in South Gloucestershire

Apr 2019:

Second public trial of PODs - complex densely populated pedestrianised routes at Queen Elizabeth Olympic Park

Sep 2019:

Third and final trial of PODs - complex on-road navigational route at Queen Elizabeth Olympic Park.

Dec 2019:

Project completion



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