

PROJECT

## MuCCA

### MULTI-CAR COLLISION AVOIDANCE

**Funding:** National (United Kingdom)

**Duration:** Aug 2017 - Jan 2020

**Status:** Complete

**Total project cost:** €5,340,000



#### Objectives:

MuCCA is a £4.6m, 30-month project supported by Innovate UK, which will develop a next-generation driver aid that aims to avoid multi-car collisions on motorways. If an accident cannot be avoided, the MuCCA system will attempt to minimise its consequences (both injuries and damage).

These goals mean the project will implement, test and refine solutions to many of the technical challenges that face fully autonomous cars. These challenges include sensor systems, machine learning, vehicle-to-vehicle communications and vehicle control systems.

**Other funding sources:** Innovate UK

#### Lead Organisation:

**Transport Systems Catapult Limited**

**Address:**

170 Midsummer Boulevard  
Milton Keynes  
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**STRIA Roadmaps:** Cooperative, connected and automated transport

**Transport mode:** Road transport

**Transport sectors:** Passenger transport

**Geo-spatial type:** Other