

IMPART

Funding Opportunities

15th May 2017

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Innovate UK

Connected and autonomous vehicles test bed

To create the world's most effective connected and autonomous vehicle (CAV) testing ecosystem by creating a number of distinct test capabilities.

<https://www.gov.uk/government/publications/funding-competition-connected-and-autonomous-vehicles-test-bed/competition-brief-connected-and-autonomous-vehicles-test-bed>

Registration deadline

Midday on Wednesday 12 July 2017

Application deadline

Midday on Wednesday 19 July 2017

Innovate UK

- **Stream 1:** to fund one or two public test environments in an urban and/or highly dense city location (£35 million to support up to 2 projects)
- **Stream 2:** to fund a controlled test environment representative of an urban city (£7 million)
- **Stream 3:** to fund a realistic, controlled high-speed, limit-handling environment (£13 million)

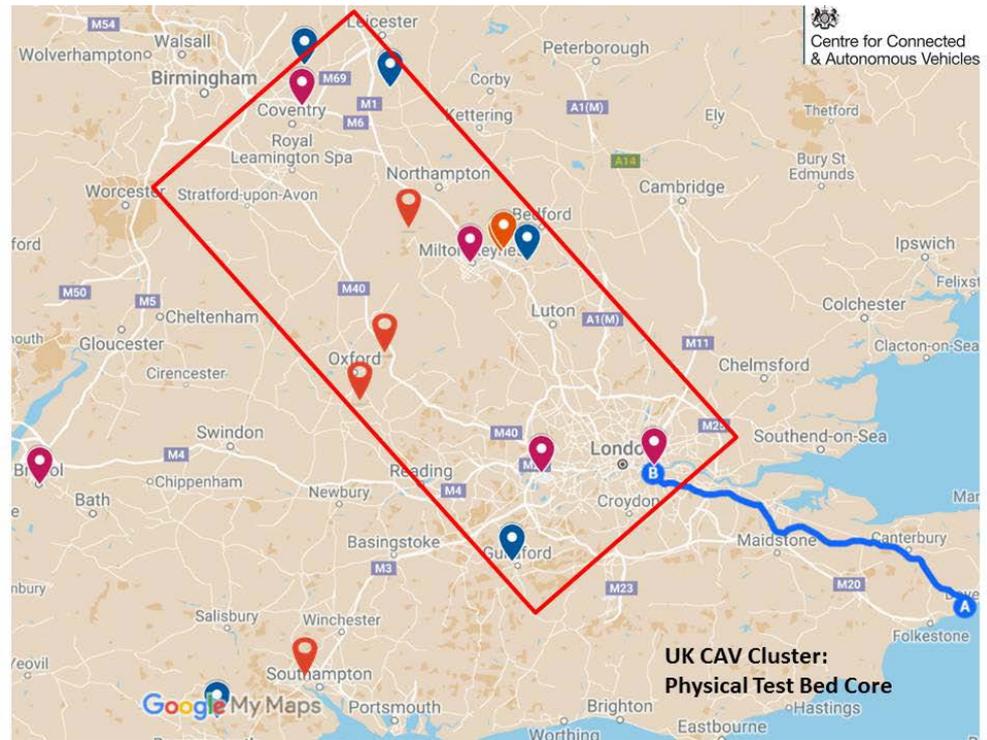
For each of the streams, they are looking to fund globally significant projects that allows for:

- testing of autonomous vehicles (AVs) in an appropriate and realistic environment
- testing vehicle to everything (V2X) connectivity capabilities and methodologies
- testing of equipment that may interact with CAVs, for example, roadside infrastructure

Innovate UK

Test Facility Location

- Test facility sites should be located within the defined region
- Coventry
- Royal Leamington Spa
- Stratford-upon-Avon
- Northampton
- Milton Keynes
- Oxford
- Luton
- London
- Reading
- Croydon
- Guildford



Other open competitions

Autonomous last mile resupply

Ministry of Defence

This looks for novel proposals that use autonomous systems to deliver mission critical supplies to users in the military front-line, particularly on the 'last mile' of resupply.

- Challenge 1: unmanned air and ground load carrying platforms
- Challenge 2: technologies and systems to allow load carrying platforms to operate autonomously
- Challenge 3: technologies to autonomously predict, plan, track and optimise resupply demands from military users

<https://www.gov.uk/government/publications/accelerator-competition-autonomous-last-mile-supply>

Webinar: 30th May, 2017

Deadline: 21st June, 2017

SAMSUNG global research outreach – academic research collaboration platform

Samsung Advanced Institute of Technology, KR

http://www.sait.samsung.co.kr/saithome/Page.do?method=main&pagePath=01_about/&pageName=gro_overview

Financial support up to USD \$ 100,000 per year for three years.

Deadline : 12th June, 2017



Horizon 2020 -

Smart, green and integrated transport

Automated Road Transport (7-8 topics)

- Testing, validation and certification procedures for highly automated driving functions under various traffic scenarios based on pilot test data
- Human centred design of Automated Vehicles
- Developing and testing shared, connected and automated vehicles fleets for the mobility of all
- Developing, testing and demonstrating automated long distance freight logistics operations
- Large-scale, cross-border demonstration of highly automated driving functions for passenger cars
- Socio-economic and regulatory aspects of Automated driving Systems
- Cooperation and networking activities in support of road automation



Engineering and Physical Sciences
Research Council

- Autonomous vehicles covered by a number of research areas
- (Robotics, Control engineering, software engineering etc..

<https://www.epsrc.ac.uk/research/ourportfolio/researchareas/>

- **Standard Grant route**

flexible, small value, short term grants to multi-million pound research programmes. Feasibility studies, instrument development, equipment, overseas travel grants. High risk/high return research proposals, embracing new concepts or techniques, are particularly encouraged.

- **Network or Workshop grant**

Funding to bring together researchers, industry and other groups to develop collaborations through workshops, visits and part-time coordinators.

- **Specific call**



Independent scientific academy of the UK and the Commonwealth, dedicated to promoting excellence in science.

Industry Fellowship

<https://royalsociety.org/grants-schemes-awards/grants/industry-fellowship/>

This scheme is for academic scientists who want to work on a collaborative project with industry and for scientists in industry who want to work on a collaborative project with an academic organisation.

Provides a basic salary for the researcher (2 years FT) and a contribution towards research costs (£2K/year)

Applications involving spin-offs or small companies are encouraged.

Royal Society Translation Award

<https://royalsociety.org/grants-schemes-awards/grants/royal-society-translation-award/>

EARLY stage: To investigate the potential to commercialise an aspect of their research

Royal Society Innovation Award

<https://royalsociety.org/grants-schemes-awards/grants/royal-society-innovation-award/>

LATE stage: To develop a proven novel concept through to a near-market product ready for commercial exploitation.



ROYAL
ACADEMY OF
ENGINEERING

To advance and promote
excellence in engineering.

A number of schemes to facilitate closer contacts between the industrial and academic worlds.

<http://www.raeng.org.uk/grants-and-prizes/schemes-for-people-in-industry>

Industry fellowship: Supports early to mid-career academics to spend 6-12 months in industry

Visiting Professor: to enhance student learning, employability and skills of UK engineering graduates

Newton Industry-academia partnerships: partnership with industry, across the world

GCRF Africa Catalyst: Capacity Building of Professional Engineering Institutes