

Poole, 1 June 2016

## Siemens technology supports UK's first connected road test environment

Leading intelligent traffic systems company Siemens has begun working on its latest Connected & Autonomous Vehicles (CAV) project, in a collaborative partnership to create one of the most advanced environments for CAV technologies in the UK.

Together with nine other consortium members, the UK Connected Intelligent Transport Environment (UK CITE) project will see trials on UK roads as early as next year, following a successful application for funding from the Government's £100 million Intelligent Mobility Fund.

The project aims to enable automotive, infrastructure and service companies to trial connected vehicle technologies in real-life conditions on 40 miles of roads within Coventry and Warwickshire, using combinations of DSRC and LTE talking car technologies to compare their performance.

Siemens will develop, supply and install roadside units which will communicate with the vehicles and the traffic infrastructure. Siemens Stratos hosted traffic management system will be used as the back office for all communications to and from the vehicles. This technology will help to prove use cases that will establish how technology can improve journeys, reduce traffic congestion and provide in-vehicle entertainment and safety services through better connectivity.

Gordon Wakeford, Head of Siemens' Mobility Division in the UK, said: "We're delighted to be utilising our ingenuity towards this unique UK CITE project with our consortium partners. Siemens is actively engaged in a number of Vehicle-to-Infrastructure research projects worldwide, establishing communication links between traffic infrastructure and motorists to help influence the way they drive".

Siemens' projects worldwide, include involvement in the ECo-AT (Rotterdam to Vienna) European Corridor, Compass4D (Newcastle demonstrator), A58 Netherlands, Tampa (Florida) and Michigan in the US. In addition, Siemens is involved in all relevant standards bodies, with representatives in ETSI, ISO, SAE, UTMC, Car2Car Consortium, OCIT and many other industry groups to ensure security and safety behind the technologies used on roads.

Siemens will be demonstrating its breadth of connected vehicle infrastructure systems expertise at ITS European Congress in Glasgow from 6-9 June on stand B52.

The UK CITE consortium comprises leading industry, academic, local and national governmental organisations. It is jointly led by Visteon Engineering Services Limited and Jaguar Land Rover and includes Coventry City Council, Coventry University, Highways England Company Ltd, HORIBA MIRA, Huawei Technologies (UK) Ltd, Siemens, Vodafone Group Services Ltd, and WMG at University of Warwick.

The first phase of the project will continue until the end of 2016 and will include the preparation of infrastructure on routes along the M40, M42, A46, and A45 – as well as an urban route in Coventry – and the preparation of a Vehicle, Systems and Gantry App, which will ensure variable roadside messages appear in-vehicle, either on the vehicle display or smartphone. Finally, pre-test trials will take place on HORIBA MIRA's City Circuit.

The trials are likely to start on public roads as early as 2017, following comprehensive initial tests on HORIBA MIRA's City Circuit, which is a safe and fully controllable purpose built environment for the development and validation of Connected & Autonomous Vehicle technologies and services.

The Intelligent Mobility fund, which has been established to accelerate research and development in connected and autonomous vehicle technologies, is administered by the Centre for Connected and Autonomous Vehicles (CCAV) and delivered by the UK's innovation agency, Innovate UK.

**Ends**

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### Notes to editors:

**UK Connected Intelligent Transport Environment (UKCITE)** is a project to create the most advanced environment for testing connected and autonomous vehicles. It involves equipping over 40 miles of urban roads, dual-carriageways and motorways with combinations of three 'talking car technologies', and testing for a fourth, known as LTE-V. The project will establish how these technologies can improve journeys, reduce traffic congestion, and provide entertainment and safety services through better connectivity.

The project is expected to take a total of 30 months, and is made up of the following consortium members: Visteon Engineering Services Limited, Jaguar Land Rover, Coventry City Council, Coventry University, Highways England Company Ltd, HORIBA MIRA, Huawei Technologies (UK) Co Ltd, Siemens, Vodafone Group Services Ltd and WMG at University of Warwick.

For further information on UK CITE, please contact Bethany Haller or Molly Fowler at Grayling on 0121 265 2760 or email [ukcite@grayling.com](mailto:ukcite@grayling.com).

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