eurotransport

Home | Magazines | News | Conferences | Webinars | Whitepapers | Directory | Advertising | Subscribe | About us | Contact us

You are here: Home » News » Industry news » **UK organisations participate in major green urban transport project**

Publication date: 31 March 2014
Author: TRL

UK organisations participate in major green urban transport project

TRL, along with partners TTR and several other leading UK organisations, are taking part in a 42-month innovative demonstration project which is investigating zero emission urban bus systems. The project known as ZeEUS is being co-ordinated by the International Association of Public Transport (UITP)[1] and is co-funded by the DG Mobility and Transport of the European Commission with a budget of €22.5m (€13.5m EU funded).

The project aims to facilitate the widespread introduction of electrified bus systems in Europe by demonstrating a number of different technological solutions for electric buses. These will operate as part of regular bus services in eight European cities, including Glasgow and London. Subsequent analysis of the results will lead to the development of guidelines and tools to assist with the implementation of such systems. Leading manufacturers in bus electrification are participating and will be providing plug-in hybrids or full electric buses. These will use different charging infrastructure and strategies for ensuring the buses are able to cope with the demands of the operational routes.

TRL is leading the evaluation for both of the UK demonstration sites. In London this is being established and led by Transport for London and in Glasgow by Strathclyde Partnership for Transport. However, TRL has a wider role to play across the project as a whole, helping to define the demonstration key performance indicators and in developing the trial methodologies for data collection and evaluation.

The electric buses being deployed in the UK will have a particularly unique element as they will be the only demonstrators in ZeEUS that will use wireless charging. Buses will be charged opportunistically during the day, which will allow them to complete routes that would otherwise be too demanding for regular electric buses.

In all, TRL and TTR are working on 9 tasks associated with this project: other areas include the assessment of regulatory and funding instruments for the procurement of electric buses; the grid effects on electrified bus systems; business cases related to bus depot operation; smart control of electric bus fleets and process evaluation.
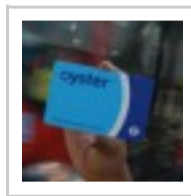
1. http://www.uitp.org/zeeus-zero-emission-urban-bus-systems

Related transport topics

› International Association for Public Transport (UITP)
› Transport for London (TfL)
› TRL

Related stories

London Underground unveils plans for a year of celebrations to mark 150th anniversary

London buses to go cashless from mid-2014

London Underground's £330 million stations programme set to make 70 stations fit for the next decade…

Also see…

Issue #2 2014 – Digital version

Safety & Security supplement 2014

Transport supplier directory

Amplicon | Ask | Bosch Security Systems

European Rail Infrastructure Managers (EIM)

FARA ASA | GIRO | MAFEX | MTM Power

Newbury Data Recording Ltd

More Companies

Leave a reply

Name (required)

Mail (will not be published) (required)

Website

Your comment

Submit comment

Eurotransport

Editorial calendar

Contribute

Notes for authors

Advertising

2014 Media Pack

Advertising Specifications

Transport news

Events

Upcoming events

Past events

Industry events

Company Directory

Add your Company

About Us

Contact Us

Articles by topic

Automatic Fare Collection

Bus & Coach

CCTV

Intelligent Transport Systems (ITS)

Light Rail

Metro

Real-time Passenger Information

Safety

Security

Smartcard Technology

Ticketing

Trams

Urban Mobility