

## **CEDR Transnational Road Research Call 2015**

This is the eight transnationally funded research programme carried out under the CEDR Transnational Road Research Programme initiated via the ERA-NET ROAD project. The Call for Proposals was published on 15 December 2015 with a deadline for submissions of **15 March 2016**. The participating CEDR members are Austria, Belgium (Flanders), Denmark, Finland, Germany, Ireland, Netherlands, Norway and Sweden. These road administrations have committed all the research funding and will also provide individual experts to provide technical management for the projects. The total budget for the programme is EUR3.6 million.

The Call is being managed on behalf of CEDR by Transport Infrastructure Ireland: this will include organising the Call for Proposals, programme coordination, financial governance and general project management. All legal entities established in Europe are eligible to participate in this Call for Proposals.

The four themes of the CEDR Call 2015 are:

- Climate Change: From Desk to Road
- User Needs in a Multimodal Context
- Freight and Logistics in a Multimodal Context
- Asset Information using BIM

The four topics are fully described in separate “Description of Research Needs (DoRN)” documents which have been developed by experts from within the CEDR member organisations in response to priorities indicated by them. The commissioned research will build on all existing knowledge.

The publication details are:

Tender name: CEDR Transnational Road Research Programme: Call 2015  
System ID 101596  
Tender reference: TH018  
eTenders link: [https://irl.eu-supply.com/app/rfq/publicpurchase\\_frameset.asp?PID=94983&B=&PS=1&PP=ctm/Supplier/PublicTenders](https://irl.eu-supply.com/app/rfq/publicpurchase_frameset.asp?PID=94983&B=&PS=1&PP=ctm/Supplier/PublicTenders)

Any questions regarding eTenders should be submitted through the eTenders website here: <http://etenders.gov.ie/contact-us>

The Guide for Applicants, DoRNs, templates for proposals and submission instructions can all be downloaded from the eTenders link above. Note that interested parties must register interest using the “online registration” button in order to download the documents. If your company has already registered you will need to contact your administrator (the person who registered your company) to get access.

This Contract Notice can also be viewed on the Supplement to the OJEU via the TED (Tenders Electronic Daily) website at the following link:

<http://ted.europa.eu/udl?uri=TED:NOTICE:445556-2015:TEXT:EN:HTML>  
(Service Contract: 445556-2015).

## **Details of CEDR Transnational Road Research Call 2015**

### **Call 2015: Climate Change: From Desk to Road**

Participating CEDR members: Austria, Germany, Ireland, Netherlands, Norway, Sweden

Funding level: EUR1.05 million

The aim of this programme is to undertake research on integrating Climate Change into decision-making processes and implementing existing research into practice. The expected research builds on the outcomes of earlier calls in relation to Climate Change, in particular “Road Owners Getting to Grips with Climate Change” (Call 2008), Energy “Sustainability and Energy Efficient Management of Roads” (CEDR Call 2011), and “Road Owners Adapting to Climate Change” (CEDR Call 2012). The present call is focused more than before on implementation of tools and results. Projects resulting from this call will provide insight on how to use and implement former results, how to actually “get climate change adaptation done” and, as a result, can lead to the improvement of presently available tools and guidelines. Specifically, this programme covers research into the following:

- A: Economic costs associated with integrating climate change into decision-making
- B: Embedding climate change into practice and procurement
  - Implementing existing climate change research into practice
  - Embedding climate change into procurement processes
- C: Developing a transnational approach to water management in the face of climate change
- D: Driver behaviour: Diagnosing driver decision-making (in a changing climate).

### **Call 2015: Freight and Logistics in a Multimodal Context**

Participating CEDR members: Germany, Netherlands, Norway, Sweden

Funding level: EUR750,000

This research programme focuses on the parameters that influence modal choice in freight transport. The aim is to provide National Road Authorities with insight into the possibilities for optimising multi-modality and the impact that these might have on road infrastructure. The research is expected to produce specific tools to enable NRAs to influence these choices. The call has three sub-themes:

- A: Understanding what influences modal choice (including behaviour).
- B: How can infrastructure and infrastructure services affect modal choice?
- C: Fit for purpose road vehicles to influence modal choice (performance-based standards).

### **Call 2015: User Needs in a Multimodal Context**

Participating CEDR members: Germany, Finland-Sweden (shared funding and PEB responsibilities), Ireland, Netherlands

Funding level: EUR750,000

The main reason for this research programme is to gain better knowledge and guidance of how to promote multimodality in the transport system. The aim is to advance national road authorities’ understanding of transport users’ motives and needs for choosing different

transport modes as well as of the impacts of appropriate incentives for a modal shift. The call has three sub-themes:

- A. Multimodality for a decrease in car usage
- B. Consideration of vulnerable road users in a multimodal context
- C. Impact of new technologies on modal choice

### **Call 2015: Asset Information using BIM**

Participating CEDR members: Belgium (Flanders), Denmark, Finland, Germany, Netherlands, Norway

Funding level: EUR1.05 million

The aim of this research programme is to improve interoperability within the European NRAs and their stakeholders by embedding the use of Building Information Management based on open standards in their Asset Management and Construction processes. The specific objectives of the research are:

- To identify the needs among Europe's NRAs and its major stakeholders regarding the exchange of Building Information in a vendor-neutral way during the life cycle of assets.
- To identify what national building/asset information knowledge can be used for implementation on a European level and for further development.

This Call has the following four sub-themes:

- A. Exploration of procuring asset information for better projects and Asset Management Systems
- B. Exploration of BIM data structures
- C. Design for common principles for a European object-type library
- D. Design and test a basic European object-type library and open BIM standards