Welcome to this 6th edition of the CEDR TG Research Newsletter. It has been a busy period for CEDR research activities. CEDR Call 2012 has now concluded and a series of end-of-programme events have taken place: see details later in this Newsletter. With projects on climate change, safety, road noise and recycling, research results are now ready for implementation by NRAs: end-of-programme reports which focus on implementation strategies are being developed and will be available on the CEDR website. Meanwhile, successful projects have been selected under Call 2014 and are well underway. Similarly, the ERA-NET Plus Infravation 2014 programme, a CEDR initiative, has been launched and selected projects have commenced their activities. Looking to the future, CEDR Call 2015 was launched in December 2015, while preparations for TRA2016 are at an advanced stage. I encourage you to make use of the links provided here to obtain more information on any of the topics that might interest you.

Albert Daly, on behalf of CEDR TG Research

Launch of Call 2015

The eighth collaborative call for proposals carried out under the CEDR Transnational Road Research Programme was launched on 15 December 2015. The topics for the call, formulated by TG Research with input from CEDR’s 20+ Task Groups, includes the following four research programmes:

- Climate Change
- Freight and Logistics in a Multimodal Context
- User Needs in a Multimodal Context
- Building Information Management

Thematic Workshops, held in Brussels on 15-18 September 2015, brought together experts on climate change and multimodality from Austria, Belgium-Flanders, Denmark, Germany, Ireland, Finland, Netherlands, Norway, UK, Slovenia and Sweden. Attendees included representatives of CEDR Task Groups for Research, Climate Change, Heavy Vehicles and Multimodality. In addition, Germany’s Federal Highway Research Institute (BASt) hosted a workshop on 9 October to develop research requirements for a programme on Building Information Management and its application to road infrastructure management. Following the commitment of funds to these programmes by CEDR members, the Call was launched by the Programme Manager, Transport Infrastructure Ireland, on 15 December 2015, with a deadline for submissions of 15 March 2016. Further information on this Call is available [here].
Following selection of successful projects earlier this year, the first project meetings under CEDR Call 2014 have taken place and projects are now well underway. Call 2014 has two research programmes funding a total of eight projects as follows:

**Asset Management and Maintenance:** Five Projects
- A: Practical Road Equipment Measurement Understanding and Management (PREMIUM)
- B: Application to Roads of ISO55000 using Exemplars (ARISE)
- C: Integration of social aspects and benefits into life-cycle asset management (ISABELA)
- D: Development of the Ravelling Test (DraT)
- E: Best Practice Guidelines for Procurement of Road Maintenance (BEST4ROAD)

**Mobility and ITS:** Three Projects
- F: Mobility As A Service For Linking Europe (MAASIFIE)
- G: Driving Automated Vehicle Growth on National Roads (DRAGON)
- H: Assessment of user needs for adapting cobra including online database (ANACONDA)

Further details on project aims and consortia are available on the CEDR website.

CEDR Call 2013 was launched in September 2013. The €5.91 million Call has eleven funding CEDR members and, managed by Transport Infrastructure Ireland, has five topics:

- **CEDR Call 2013: Ageing Infrastructure**
- **CEDR Call 2013: Traffic Management**
- **CEDR Call 2013: Safety**
- **CEDR Call 2013: Energy Efficiency**
- **CEDR Call 2013: Roads and Wildlife**

In total, 16 project have been commissioned and these are currently underway. Details of these projects are available here on the CEDR website.

The four research programmes under CEDR Call 2012 have now concluded and final end-of-programme events have taken place. The call was launched in May 2012 with an overall budget of €4.35 million from nine road authorities. End-of-Programme events have now taken place for all four research programmes:

- 18 May 2015, Rome, Italy: SaVeRs project final conference
- 8 Sep 2015, Hamburg, Germany: CEDR Call 2012 Noise Workshop
- 4-25 Sept 2015, Prague, Czech Republic: CEDR Call 2012 Recycling Workshop
Preparations for Call 2016

Building on the success of the current and previous programmes, CEDR TG Research members are currently making plans for CEDR Call 2016. While the topics are not yet formulated in detail, CEDR’s research strategy envisages Environment and Safety as the two major themes of the Call. In the coming weeks, TG Research will contact other CEDR TGs regarding the topics and timeline for Call 2016.

Evaluating research outcomes

A pilot project began in April 2015 on evaluating the degree of dissemination and implementation of the outcomes of CEDR research programmes in Europe. The results of this project have now been presented to TG Research. This project has identified key barriers to implementation of research results and offers conclusions on how to improve implementation in the future. The results of this project will be communicated to Programme Executive Boards by the CEDR Research Coordinator. They will also be presented at the TRA Conference in Poland in April 2016.

Infravation Kick Off Meeting

The ERA-NET Plus Infravation 2014 Call pools research funds to develop transport infrastructure innovation which addresses challenges identified by CEDR and by the European Commission. CEDR will enable the dissemination of Infravation project results to the road infrastructure community in coordination with the results of the various CEDR Transnational Research Programmes. At their last meeting in Brussels on 15-16 April 2015, the ERA-Net Plus Infravation Steering Group agreed on the list of full proposals which had been selected for negotiation and funding. The Infravation kick-off meeting took place on 12-13 November at the Diamant Centre, Brussels. Pieter De Winne, Chair of TG Research, addressed the event and drew attention to the synergies between Infravation and the CEDR Transnational Research Programme. Further event information is available [here](#).

TRA2016

Preparations are well underway for TRA2016, which will take place in Warsaw on 18-21 April 2016. The deadline for submission of scientific papers has now passed and registration is now open. In addition to participating in plenary sessions and a range of strategic sessions, CEDR will organise a special Invited Session on the Opportunities and Challenges for Transnational Road Research. This will have a major focus on the Transnational Research Programme and Infravation. In addition, the exhibition area will host a CEDR Innovation zone, along the lines of the CEDR Village at TRA2014, which will enable dissemination of CEDR research activities and networking between CEDR members and research stakeholders. CEDR will organise a number of rooms for CEDR members to plan and host meetings. This area can be entered separate from the TRA conference and will facilitate a meeting of the CEDR GB. It is also available for meetings of CEDR TGs, Programme Executive Boards and Safety as the two major themes of the Call. In the coming weeks, TG Research will contact other CEDR TGs regarding the topics and timeline for Call 2016.

Further information on the four research programmes and 12 projects funded under Call 2012 can be found [on the CEDR website](#).

- 8 Oct 2015, Wokingham, UK: CEDR Call 2012 Safety Workshop
- 29 Oct 2015, Brussels, Belgium: CEDR Call 2012 Safety Workshop
- 10 Nov 2015, Brno, Czech Republic: CEDR Call 2012 Safety Workshop

Further information on the four research programmes and 12 projects funded under Call 2012 can be found [on the CEDR website](#).
(PEBs), etc. TG Research will host a stakeholder meeting on the long-term development of the Transnational Research Programme.

Any TG or PEB interested in using a meeting room is invited to contact Ronan Cunniffe at Ronan.Cunniffe@cedr.eu

You are invited to register for TRA2016 [here](#) on the conference website.

### Cooperation with the European Commission (EC)
CEDR has maintained regular consultation with the EC to enable coordination of research activities and prevent duplication of research. One future option under consideration is the twinning of research projects managed separately in the CEDR Transnational Research Programme and Horizon 2020 respectively. This involves coordination of research activities of mutual interest and the collaboration that occurs during the conduct of this research, on the basis of mutual benefit. The European Commission, in the Horizon 2020 work programme for 2016-2017, stated that "Proposals should also foresee twinning with projects funded by CEDR’s Transnational Research Programme to exchange knowledge and experience and to exploit synergies" under the topic of "Transport infrastructure innovation to increase the transport system safety at modal and intermodal level (including nodes and interchanges)". Furthermore, under the theme "Road infrastructure to support the transition to automation and the coexistence of conventional and automated vehicles on the same network", it states that "Proposals are invited to take due consideration of the content of projects already funded at European level through the CEDR Transnational Research Programme".

### Next TGR meetings:
- Helsinki, 8-9 March 2016
- Stockholm, end-May (tbc)

### Next EB Meetings:
- Limassol, Cyprus, 2-4 December 2015
- Vienna, 9-10 June 2015

### Research Conferences:
- TRA2016, 18-21 April 2016, Warsaw

### Next GB meetings:
- Warsaw, 18-21 April 2016 (TRA2016)
- Budapest, October, TBC

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### In the next issue (to follow in Spring 2015):
- Progress of CEDR Calls 2013, 2014, 2015
- Preparations for CEDR Call 2016
- Update on TRA2016

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### Disclaimer
This newsletter is a product of CEDR and its objective is to disseminate information on ongoing road research activities organised through CEDR Task Group Research.

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