Save the date
‘Climate Change Summit’
19th & 20th November 2018
Climate Change Summit

Climate change and extreme weather events are undoubtedly impacting road safety, traffic movements and the sustainability elements of our infrastructure. What are the implications of these developments for National Road Authorities (NRAs) and their responsibilities? The Conference of European Directors of Roads (CEDR) has conducted in-depth research over the last 10 years in an effort to quantify these impacts and develop mitigation and adaptation measures and tools. In November 2018, their final results will be presented during the Climate Change Summit at Rijkswaterstaat in the Netherlands.

Adapting to future challenges

The results of this research mark the beginning of a new implementation phase. The focus of the summit is the next step: how to integrate and implement previous and current CEDR research findings, related to climate change, into decision-making and work practice. During the summit, there will be a number of knowledge-sharing presentations related to the 2015 climate change programme as well as high-level presentations from World Road Association PIARC on activities related to climate change adaptation and resiliency, and the international climate change adaptation framework for road infrastructure.

We invite climate change specialists in general and young professionals who want to explore the subject to join us. This specialist research can influence how our NRAs adapt to future climate challenges in a positive and constructive manner.

Focus on young professionals

Are you enthusiastic about climate change (you don’t have to be a specialist) and willing to dedicate some time to the subject area going into the future? During the summit, we will be inviting young professionals to work with and assist the specialists identify possible climate change mitigation measures. It is anticipated that this process will assist in guiding respective NRAs going forward in relation to the successful implementation of climate change research. Additionally, it is a wonderful opportunity for young professionals to expand their international professional network, obtain access to the latest climate change information and develop competences to become a future specialist on this topic.

For the young professionals, the summit will be the start of a process. A follow up is planned for May 2019 and possibly an ‘Invited Session’ at the 2020 Transport Research Arena (TRA). Details of the follow up will be discussed during the summit.

Discussion topics

Over the past 10 years, the following calls have resulted in projects that provide practical tools and insights to deal with climate change:

- 2008 ERA-NET ROAD call – “Road Owners Getting to Grips with Climate Change”
- 2012 CEDR call – “Road Owners Adapting to Climate Change”
- 2015 Transnational Road Research Programme call – “Climate Change: From Desk to Road”

Below is a selection of projects that will be discussed, focussing on the most recent call, during the summit. Previous findings related to the earlier calls will also be presented.

**Embedding climate change into practice and procurement**

This project develops tools and guidance to help road authorities evaluate the business case for climate change adaptation and how to incorporate climate change in procurement and operational processes.

**Developing a transnational approach to water management in the face of climate change**

This project assesses and quantifies the impacts of climate change on drainage design and provides guidance on how to imbed climate change information into specific design elements. The project provides advice on the most appropriate and sustainable design options, as well as how to conduct a cost-benefit analysis in relation to maintenance approaches for water management.

**Driver behaviour: Diagnosing driver decision-making (in a changing climate)**

This project evaluates different mobility management measures including their effect on travel and transport behaviour and effects on greenhouse gas emissions. This should also include effective combinations of different mobility management measures. Cost efficiency of the measures should also be described.

Climate Change Summit 2018 summary

**What:** Implementing the results of 10 years of research on climate change

**Who:** Climate change specialists and young climate change enthusiasts

**When:** 19th and 20th of November 2018

**Where:** Rijkswaterstaat LEF, Utrecht, The Netherlands

Check the CEDR website for details of how to enrol (available asap) or for further information send an e-mail to LEF@RWS.nl