CEDR
Conférence Européenne des Directeurs des Routes
Conference of European Directors of Roads

Final conference - CliPDaR and ROADAPT

CEDR projects on Road owners adapting to Climate Change

SAVE THE DATE – 27&28 Oct 2015 – Brussels

This programme (CEDR Call 2012), launched in May 2012, was the fifth transnationally funded research programme organised by the Conference of European Directors of Roads (CEDR). The funding road administrations are Belgium (Flanders), Denmark, Finland, Germany, Ireland, Netherlands, Norway, Sweden and UK. The Call is being managed on behalf of CEDR by the National Roads Authority in Ireland: this includes organising the Call for Proposals, programme co-ordination, financial governance and general project management.

About CliPDaR

The road sector is very vulnerable to extreme weather phenomena which can produce some of the most significant economic and safety consequences. For this reason it is essential to know as early as possible to what extent global change of climate might impact on the national and European road network. With the help of climate projections specific impact models can be applied to estimate the relevant parameters for road maintenance.
However, the reliability of given climate projections need to be assessed using ensemble approaches and downscaling methods. Much scientific work has been done to evaluate these approaches with regard to reliability and usefulness for investigations on possible impacts of climate changes.

Within this project, existing approaches and methodologies have been collated to identify a common approach on future applications by road owners. The project focuses on the review, analysis and assessment of existing regional Climate Change projections regarding transnational highway networks (TEN-T) needs with particular emphasis given to the results from a number of previous and ongoing projects. The main objective of the research is to provide recommendations for application by European road agencies.

Co-ordinator: Tobias Fuchs, German National Meteorological Service, (DWD), Germany
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About ROADAPT

Infrastructure is the backbone of our society. Citizens, companies and governments have come to rely on and expect uninterrupted availability of the road network. It is now recognised that changing climate will have significant effects on the road infrastructure and this requires timely adaptation. However, there are great uncertainties involved in both the projections of future climate change and related socio-economic developments and estimating the consequences of these changes in transportation needs. In the meantime, there is a constant need for decisions and development of the road transport system. The prioritization of measures in order to maximise availability with reasonable costs is one of the most important tasks of the road owners.

The ROADAPT project has provided a number of methodologies and tools enabling a rational approach to Climate Change adaptation based on tailored and consistent climate data information. These include a preliminary "quick-scan" for estimating the climate change related risks for roads, a socio-economic impact analysis, a vulnerability assessment and an action plan for adaptation with specific input from possible adaptation techniques related to geo-technics and drainage, pavements and traffic management.

Co-ordinator: Thomas Bles, Stichting Deltares, NL
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Dates of the final conference
27 October 2015 all day
+ Conference dinner
28 October 2015 morning

Web-streaming will be available

Venue
Diamant Center
Bd Reyers 80 – 1030 Brussels - Belgium

Target audience

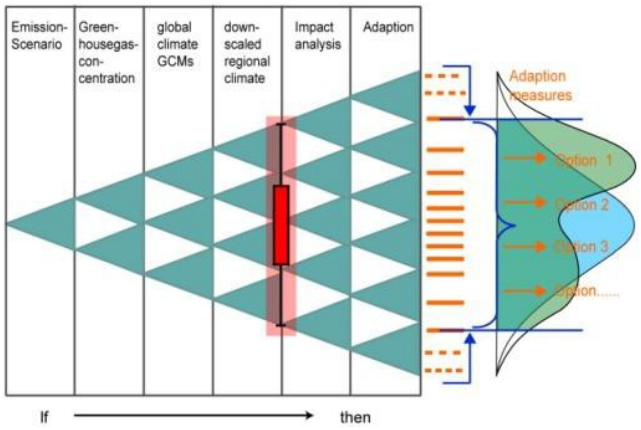
The conference is aimed at road owners, road network operators, researchers, engineers, contactors and managers that have an interest in climate change and its implications for road infrastructure.

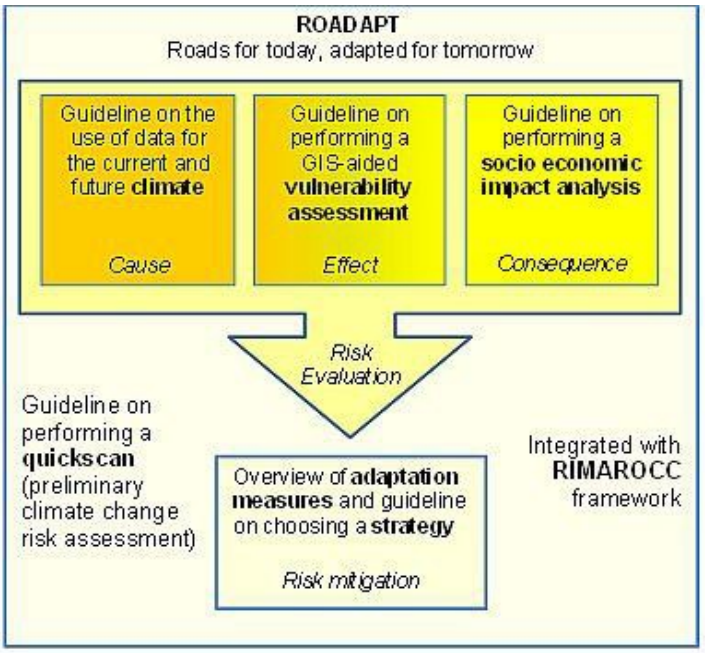
Registration
Attendance to the conference is free of charge for all participants.

Registration at

http://clipdar-roadapt-finalconference.eventbrite.fr

CliPDaR
Downscaled climate projection data for road impact models





Partners CliPDaR

Deutscher Wetterdienst
Wetter und Klima aus einer Hand
DWD

ZAMG
Zentralanstalt für Meteorologie und Geodynamik

Partners ROADAPT

Deltares
Enabling Delta Life

SGI Swedish Geotechnical Institute

egis

Royal Netherlands Meteorological Institute
Ministry of Infrastructure and the Environment