



CEDR Transnational Road Research Programme Call 2012 „Recycling“

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Chair of the **P**rogramme **E**xecutive **B**oard (PEB)

- Denmark: Finn Thøgersen
- Finland: Tiina Perttula, Tuomas Vasama
- Germany: Oliver Ripke
- Ireland: Tom Casey, Albert Daly (Programme Manager)
- The Netherlands: Rob Hofman
- Norway: Joralf Aurstad

Total commitment: 1,25 million €

- Spring 2012: Description of Research Needs (DoRN).
- Call for Proposals: 1 May 2012 to 10 July 2012.
- September 2012: Evaluation of the 11 proposals received. Three proposals selected.
- End of 2012: Award of contracts and start of the projects.

- A:** Investigation of recycling and multiple recycling of construction materials
- B:** Creation of technological replacement solutions for currently used resources of construction materials
- C:** Availability of the road network in a post-fossil fuel society

- **100%-Recycling:**
Is 100% possible and if yes, how?
- **Multiple Recycling:**
What happens if reclaimed asphalt is used more than twice?
- **Post-fossil fuel society:**
What happens after oil/destilled bitumen?

Effects on availability of road network

- **Coordinator:** TRL Ltd. (UK)
- **Partners:** University of Kassel (Germany),
University College Dublin (Ireland),
Technische Universiteit Delft
(Netherlands), Lagan Asphalt (Ireland),
Shell Bitumen (UK)

Characterization of advanced cold- recycled bitumen stabilized pavement solutions

- **Coordinator:** Czech Technical University in Prague (Czech Republic)
- **Partners:** LNEC (Portugal), University of Kassel (Germany), University College Dublin (Ireland), Wirtgen GmbH (Germany)

Toward a sustainable 100% recycling of reclaimed asphalt in road pavements

- **Coordinator:** Technical University Dresden (Germany)
- **Partners:** University of Nottingham (United Kingdom), University of Palermo (Italy)