

JOINT TRANSPORT RESEARCH CENTRE

WORKSHOP ON LONG LIFE PAVEMENTS
Transport Research Arena
Ljubljana, 22 April 2008 - 3 pm – 5 pm
Room KLUB

Background

The JTRC initiated in 2002 a research project on the Long Life Pavement. Phase 1 (2002-2005) focused on the economic evaluation of long life wearing courses and concluded that two prospective materials — the epoxy asphalt and the high performance cementitious materials – could offer significant economic benefits. In the phase 2 of the projects (2005-07), these two materials were tested in laboratories and the technical properties and potential economic benefits of these materials were confirmed.

The expectations for the durability and long-life capabilities of the materials are based on extrapolations of observations made during the testing. To fully guarantee the behaviour of these materials, it is now necessary that the innovation process is taken to the next phase, in which the materials are tested in larger scales under real traffic on roads or off roads.

Objective of the Workshop

The objectives of the workshop are to inform decision makers within road directorates about:

- The technical characteristics of the two potential long life wearing courses
- The potential significant economic benefits of these innovative wearing courses
- The proposed field trials with these materials, necessary to conclude on their long life capabilities

Expected outcome

Following the workshop, it is expected that several Road Directorates will express interest in taking an active role in the proposed field tests, which will start in 2009, providing that a sufficient number of countries are willing to participate.

Expected audience:

Decision makers in road directorates and their technical advisors.

Contact and registration

If you are interested in attending the Workshop and for further information, please contact:

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PROGRAMME

3:00 – 3:05	Objectives of the Workshop <i>Stephen Perkins, Head of the Joint Transport Research Centre</i>
3:05 – 3:20	The generalised business case of very long life surface pavement on high-traffic roads. <i>Jorgen Christensen (Chairman of the JTRC Working Group), Danish Road Directorate</i>
3:20 – 3:35	High Performance Cementitious Materials (HPCM) as a surface pavement. The concept and its properties. <i>François de Larrard, LCPC, France</i>
3:35 – 3:50	High Performance Cementitious Materials. Construction issues. Objectives of the proposed field trials <i>Anders Henrichsen (Dansk Beton Teknik)</i>
3:50 – 4:05	Epoxy Asphalt as a surface pavement. The concept and its properties. <i>Richard Elliott (Scott Wilson Pavement Engineering)</i>
4:05-4:20	Epoxy Asphalt. Construction issues. Objectives of the proposed field trials. <i>Wyn Lloyd (UK Highway Agency)</i>
4:20-4:35	The economic benefits of these long life wearing courses <i>Jorgen Christensen (Danish Road Directorate) and Wyn Lloyd (UK Highway Agency)</i>
4:35-4:45	Co-ordination of the Field Tests - Possible partnership with the European Commission <i>Luisa Prista ? DG Research / Steve Phillips, FEHRL</i>
4:45-5:00	Discussion and conclusion <i>Jorgen Christensen</i>