Mobility:
"Getting the most out of Intelligent Infrastructure"
Cross-border funded Joint Research Programme
Call for proposals opens **in January 2011 – March 2011**

1) Introduction

"**Mobility - Getting the most out of Intelligent Infrastructure**" is a cross-border funded, trans-national joint research programme that was initiated by **ERA-NET ROAD II** (ENR2). The project ENR2 is a Coordination Action funded by the 7th Framework Programme of the EC.

The participating National Road Administrations (NRA) in this Joint Research Programme are Belgium, Switzerland, Germany, Netherlands, Norway and United Kingdom. As in previous ERA-NET ROAD programmes, they will establish a Programme Executive Board (PEB) and decide on a Programme Chair (PEC). The Programme Management (PM) is the Austrian Research Promotion Agency (FFG) and will take over the management of the Programme.

The Common Obligation Programme Model from the 'ENR-toolkit' is foreseen for this joint programme. It means that the call for proposals will be opened and conducted by the PM in its country under its law and regulations and the budget is jointly funded by all participants of the PEB.

2) Objectives

The overall aim of the joint research programme "**Mobility – Getting the most out of Intelligent Infrastructure**" is to **improve the management** of the **European road network.** The research will focus on indentifying the challenges faced by NRAs in **embracing new techniques** to get the most out of the existing network and assist road authorities in identifying feasible, **valid and cost-effective solutions** for key European roads.

The programme is based on the following **four objectives**
(described in the Description of Research Needs):

A: Impact assessment of Intelligent Transport Systems (ITS)

B: Effective distribution of road authority data

C: High quality traffic management/information data and incident detection

D: Implementation of short term prediction

These objectives were developed following a series of workshop involving specialists from each of the partner Road Authorities. This research programme seeks to understand how to get the most out of Intelligent Infrastructure from a road operator point of view. These objectives have been developed following a series of workshops involving specialists from each of the partner Road Authorities. In these workshops, it was recognised that benefits of intelligent infrastructure systems need to be included in business cases. These will inform decisions about whether funding can be made available. In addition all of the above objectives need to consider value for money, whole life costing, sustainability and the environment for the road operator.

Applicants should ensure their project proposals are **clearly linked to one of the four objectives** listed above, although it is accepted that there may be overlap between them. Proposals should emphasise the **trans-national benefit** of the project outcomes for the participating Road Authorities in the context of getting the most out of Intelligent Infrastructure.

3) Eligible applicants

Only applicants from legal entities established in Europe are eligible.

Applications must be submitted by a coordinator of a consortium of at least two independent legal entities (including the coordinator) from different countries.

(*for details see: ENR2 Mobility – Getting the most out of Intelligent Infrastructure Guide for Applicants;* ***out in January 2011***)

4) Budget and timetable

The duration of this joint research programme is 36 months.

The duration for individual projects can be up to **24 months**.

(*for details see: ENR2 Mobility – Getting the most out of Intelligent Infrastructure Guide for Applicants;* ***out in January 2011***)

5) Further information

The programme language is English. The programme currency is Euro.

The content of the upcoming call, ***Description of Research Needs (DoRN),*** can be downloaded at the following internet address:

Information: http://www.eranetroad.org/

Applicants must comply with all terms of the full text and be submitted on the forms provided.

(*for details see: ENR2 Mobility – Getting the most out of Intelligent Infrastructure Guide for Applicants;* ***out in January 2011***)