



## ROADEX III

### Interactive and innovative road management of low traffic volume roads through a technical information exchange across the Northern Periphery

The road network across the Northern Periphery plays a vital social and economic role in the development of communities, but the environmental and climatic conditions mean that maintaining and developing it is a challenging task, particularly given the low volumes of traffic. The ROADEX Article 10 pilot project and the NPP ROADEX II project have sought to address this issue, and have proved successful and productive over their six-year life in developing the interactive and innovative management of low volume roads across the Northern Periphery. The ROADEX network has significantly increased the Partners' understanding of their common problems, needs, opportunities and knowledge base. This sharing has produced tangible benefits in the form of cost effective and money saving projects on the local road networks, and a significant quantity of new roads related information has been produced in the form of surveys, questionnaires, interviews, test structures, research, construction and monitoring reports. The 'ROADEX III Implementation Project' will concentrate on taking the substantial quantity of ROADEX best practice, research knowledge and innovations out into the Partner areas across the NPP, so that it can be implemented and used in practice on the partner road networks.

#### Objectives

The ROADEX III project is a 2-year transnational collaboration across the Northern Periphery to disseminate and implement the roads management related information, practices and innovation gathered under the ROADEX I and ROADEX II projects to date. The main objectives of the ROADEX III project are:

- To disseminate and use the knowledge that has been gained in the ROADEX projects to date. This will involve translations of reports and results, conferences, workshops, lecture packs, web-based information and forums and testing of results in different regions in the Northern Periphery area
- To continue to research, apply and trial promising techniques on the rural road networks of the Partner areas and report the results
- To widen the ROADEX network into Greenland, Iceland and the Faeroe Islands
- To continue and strengthen the professional links within the existing ROADEX network

## Project activities

The project will be implemented through 2 interlinked tasks, described below:

Task A: dissemination and implementation of ROADEX knowledge

Task B: development of promising techniques and practices

The project will be implemented through a range of methods, such as executive summaries of ROADEX outputs in partner languages; conferences, seminars, workshops; individual training packages, publications; lecture packs for institutions; continuing professional development presentation resources; web based information and online interest group forums; and continuing pilot trials of prototype solutions on the rural road networks of the partner areas. A framework will be created for disseminating results of future research after this project.

## Expected results

The expected overall result of the project will be a wider dissemination and use of ROADEX best practices and a stronger and more effective ROADEX network. The results will encourage more innovative and interactive low volume road management systems across the area, which will in turn give a more efficient road network and transport system for industry and road users generally. In the longer term the ROADEX sharing will contribute to the harmonisation of low volume road standards across the Northern Periphery.

At the immediate project level, expected results will include a number of user-friendly documents and publications that will be used as reference manuals after the planned seminars and presentations. Measurable results from the Project will include:

- Executive summaries of the published ROADEX works and translations into local Partner languages for ease of use by local staff; Swedish, Norwegian, Finnish, Icelandic and Danish
- Individual training packages
- Trials of promising techniques and practices in new areas
- A well organised website with good online information and interest group forum
- Increasing co-operation with new partners and collaborations
- A number of seminars and presentations

## Partners

Finnish Road Administration, Savo-Karjala road region - Finland

Norwegian Road Administration, Nordland county - Norway

Highland Council - Scotland

Forest Enterprise, Highlands of Scotland - Scotland

Western Isles Council - Scotland

Municipality of Sisimiut - Greenland

Icelandic Public Roads Administration - Iceland

Regional Board of Forestry Dalarna-Gävleborg - Sweden

## Project website

<http://www.roadex.org>

### Measure

1.1

### Total Budget

703 333

### NPP Award

443 333

### Project Period

01/01/2006 – 31/12/2007

### Countries Involved

Sweden, Scotland, Finland, Norway, Iceland, Greenland

### Lead Partner

#### Organisation

Swedish Road Administration, Northern Region

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### Project leader

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