

SBAKPI

Strategic benchmarking and key performance indicators

A research project of the cross-border funded joint research programme “ENR04 – Effective asset management meeting future challenges”

The programme is a cross-border funded, transnational joint research programme that was initiated by **ERA-NET ROAD II** (ENR2).

The participating National Road Administrations (NRA) in this Joint Research Programme are Belgium (Flanders), Denmark, Finland, France, Germany, Ireland, Lithuania, Netherlands, Norway, Slovenia, Sweden, Switzerland, and United Kingdom.

The budget is EUR 2.85 million and the duration of this joint research programme is 30 months.

Intro

Detailed Key Performance Indicators have been developed over the years for safety, reliability, and value for money/ economy of road networks, often concentrating on the economic aspects. These have been very helpful in understanding the performance within National Road Administrations (NRA). However these currently do not provide an overall strategic and holistic picture of the performance of the road network managed by a NRA. To gain this picture NRAs need high level indicators including more environmental and social performance indicators.

Description

To support NRAs, this project proposes a voluntary Benchmarking Framework to cover the development of Key Performance indicators (KPIs). This would allow NRAs to manage their Environmental and Social Performance better and gain an insight into the performance of other NRAs with the aim of driving up environmental and social performance in Europe.

This would involve:

- Wide European based consultation programme engaging with NRAs, and other key Stakeholders.
- Development of a Benchmarking Framework for developing, reviewing and reporting on Environmental and Social KPIs.
- Identification of existing good KPI practice throughout Europe/Rest of World.
- Development of an initial set of KPIs identifying
 - Existing useable KPI
 - Core (Universal KPIs) which can be applied to all the Strategic Road Networks.
 - Regionally significant (KPIs) which may reflect geographic, constructional, management or developmental differences in the European regions
- Trial use of the Benchmark Framework and KPIs over a 6 month period
- Feedback and dissemination of results to NRA and Key Stakeholders and
- Further refining of the Framework and KPIs and publication of a final report and the tool.

Expected results

The results will consist of a final report on the development of the benchmarking framework and the results of the trial as well as the final version of the Benchmarking Framework incorporating a set of KPIs.

The results are aimed at being used by the following ways:

ERA Net Road	Owner of Benchmarking Framework, can decide how and if to exploit in terms of future development or engagement with NRA and their stakeholders.
NRA Stakeholders	National Road Administrations NRAs can use Benchmarking Tool to compare their Environmental and Social Performance with other NRA users and thus can identify how they are performing in comparison. This can be used in corporate, reporting or to help act as a guide to improving Environmental or Social Performance and identifying good practice.

The potential benefits of National Road Administrators using the tool to drive up Environmental and Social performance could help provide significant benefits to Europe including economic benefits. The potential benefits would be driven by the KPIs developed i.e. if there is a carbon related KPI then this can be used as a measure for reducing NRA carbon outputs.

Duration	01/09/2010 - 31/01/2012
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