

TEMPO

Evaluation Expert Group

Evaluation

SUMMARY

CENTRICO has adopted a common approach to the evaluation of individual sub-projects. This recognises the importance of being able to compare results from all of the Euro-regional projects.

INTRODUCTION

Evaluation of ITS projects can be key to developing ITS policy. Evaluation is important, as it can:

- Justify EU and National Government expenditure on the projects;
- Demonstrate the benefits (financial and socio-economic) of individual applications;
- Demonstrate the benefits of the Euro-regional projects as a whole; and
- Increase understanding of the impacts of ITS services.

Results should be easily understandable and comparable in order to allow best practice to be widely disseminated and to ensure that those reading the results of others' work can interpret it correctly.

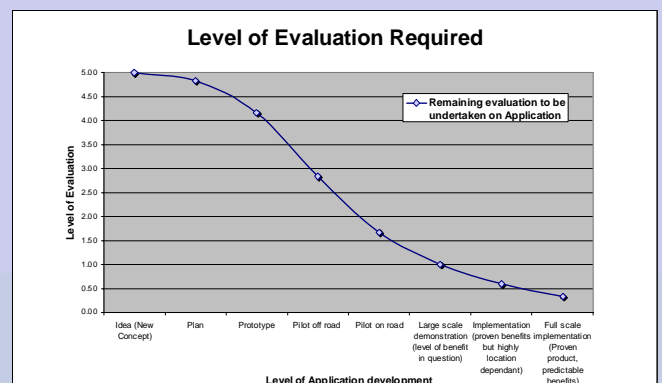
CENTRICO has adopted the TEMPO reporting framework and European Evaluation Guidelines. An Evaluation Expert Group has been set up to provide support and guidance in the Euro-regional projects.

EVALUATION APPROACHES DEPENDING ON PROJECT TYPE

The evaluation approach within *CENTRICO* does not require re-evaluation of projects. For new projects the European Evaluation Guidelines will be used in combination with national guidelines on evaluation. For both new and existing projects, results will be presented using the TEMPO reporting framework.

The TEMPO reporting framework is a standard *method of presenting the work*, enabling simpler and more effective comparisons.

Each ITS application has a lifecycle, from the creation of the concept to the widespread implementation of the application. The further through this lifecycle the product or application is, the lower the remaining amount of evaluation required to demonstrate the product's function and cost. The diagram below shows the overall lifecycle of an ITS application. As an application is developed and tested its position on the diagram moves to the right. The level of evaluation work remaining falls as the product moves to the right as, for example, once the technical performance of a product is confirmed it does not need to be investigated to the same level of detail again.

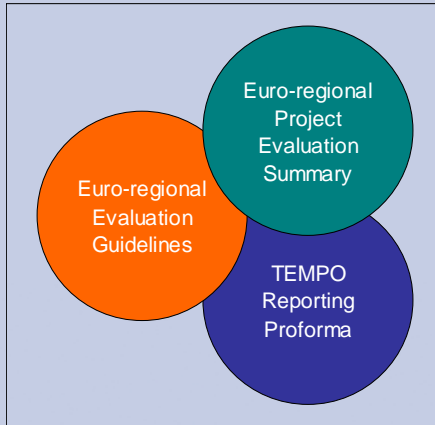


Centrico BRIEFING NOTE

Using ITS to manage Europe's busiest roads

EVALUATION DOCUMENTS

A suite of three documents relevant to project evaluation in the Euro-regional context have been put together to help with the process. The relationship between these documents is shown below:



The 'Euro-regional Project Evaluation Summary' is a short document that proposes a generic approach to the evaluation of European projects. It presents:

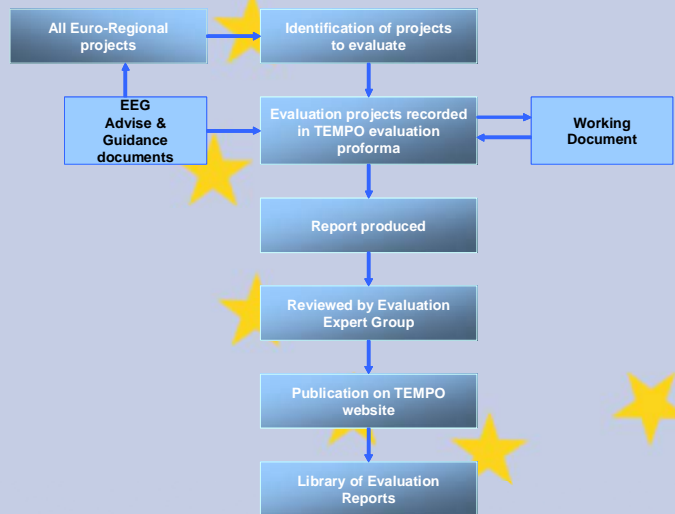
- general principles for evaluation;
- advice on undertaking an appropriate level of evaluation;
- an overview of the stages involved in developing an evaluation plan for a pilot or implementation project; and
- a summary of the TEMPO Guidelines for Reporting Evaluation Results.

The 'Euro-regional Evaluation Guidelines' provides more in-depth detail on how to apply the generic 'Euro-regional Project Evaluation Summary' to a particular sub-project.

The final document is the 'TEMPO Guidelines for Reporting Evaluation Results'. Developed in consultation with the Evaluation Expert Group, this presents a common format to be used for summarising and presenting the results of evaluation.

CENTRICO EVALUATION ACTION PLAN

CENTRICO has identified projects which are appropriate for evaluation. The following process will be followed in order to produce evaluation reports for comparison:



Results of each project evaluation will be recorded using the TEMPO evaluation proforma and will be a working document so that relevant sections of the evaluation proforma can be completed prior to scheme implementation, with an early version of the report posted on the TEMPO website.

Once evaluation has been undertaken and results have been added, the reports will then be reviewed by members of the EEG and published in the public area of the TEMPO website (<http://tempo.austriatech.org>), so that they can be disseminated to a wider audience.

These reports will thus form a library of evaluation reports which can potentially form the basis for synthesis reports comparing evaluation results for similar ITS systems and services that have been implemented at different sites and in different contexts. The library will also allow ER projects to obtain a more robust view of a particular type of application, where something similar has been deployed at a number of locations.

For more information on this topic, please contact:

Alan Raines

Alan.Raines@highways.gsi.gov.uk

For further information on other CENTRICO activities visit:

www.centrico.org