

EUROPEAN TRANSPORT POLICY INFORMATION SYSTEM. DEVELOPMENT AND IMPLEMENTATION OF DATA COLLECTION METHODOLOGY FOR EU TRANSPORT MODELLING (ETISPLUS)

CLIENT: *European Commission – DG Energy and Transport*

YEARS: *2009 – on going*

DESCRIPTION OF ACTIVITIES

Background

DG-TREN has an ongoing requirement for good quality input data to support models, evaluation methodologies and indicator frameworks. This has led to the concept of a common database to be used by modelers and policy makers, as first implemented through the framework project ETIS in 2005. ETIS contains transport related variables related to a base year 2000 as well as a forecast for the year 2020. The ETIS approach has been successful, but needs to be further updated and refined.

Objectives

The ETISplus project aims at developing the ETIS concept and structure. The main objectives are:

- to develop a framework for the collection and dissemination of data and network information related to transport including the use of new data collection methods;
- to provide a central repository to be used by transport support policy tools at EU level;
- to implement and validate the database, updating and extending the ETIS database both geographically and by adding additional variables, adding new reference years 2005 and 2008 and including the newest member states and neighbouring countries in more detail;
- to establish a communication between all stakeholders;
- to prepare guidelines and structures for future updates and management.

Project activities

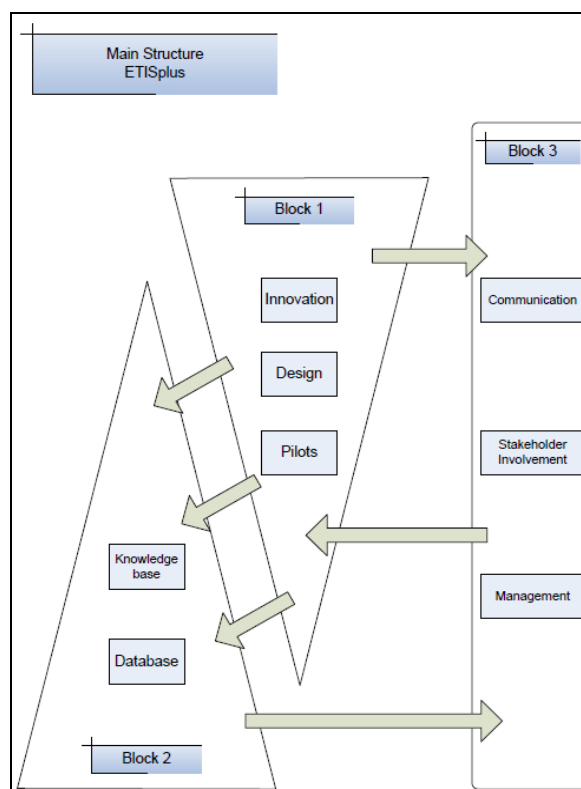
The work program consists of a series of Work Packages that can be grouped into two main blocks and 3 supporting Work Packages:

The first group of Work Packages will provide two results:

- 1) the design of the databases;
- 2) pilots and tests on innovative and cost-effective data collection methods, executed within the ETISplus project.

The second group of Work Packages will be involved in building the database, validating the database and developing the knowledge database.

Dedicate Work Packages will deal with the communication and the stakeholders involvement during the duration of the project.



Key content of the project

In ETISplus, a number of innovations and extensions will be addressed, for instance:

- the use of intelligent transport systems to provide data feeds;
- the development of a business model in order to make the system self-supporting;
- the identification and application of efficient and cost-effective methods to improve the quality of the existing and new databases in new member states and neighbouring countries;

- the inclusion of more data on variables that influence transport and data relating to the effects (consequences) of transport;
- the addition of more indicators relating to logistics, including a classification of freight transport into containers, dry bulk, net bulk and other, this in addition to the classification by the NSTR-group;
- the introduction of data on intraregional transport in order to close the gap between the passenger and freight transport in the present ETIS database (restricted to interregional transport) and the EUROSTAT statistics;
- the realisation of a server based system, with greater reliance on existing technology, to provide access to data;
- the introduction of a specific data validation procedure;
- a strong focus on stakeholders participation and commitment, using technical oriented data group and a modelling/user group on consensus building, evaluation methods, data formats, collection methods and validation rules.

Role of TRT

In ETISplus, TRT is responsible for the production of the passenger dataset and, within this dataset has the specific role to produce short-distance demand data and long distance coach information.

The Consortium

The Consortium of ETISplus is led by NEA (The Netherlands) and includes other 17 partners from 12 different European countries.