

iv2splus INFONET

ways2go, 2nd Call (2009)

TechnoVeP

TechnoVep will present guidelines on the organisation of a technology oriented process of transport and spatial planning. When the new methods are introduced, obstacles at cities and ministries are obvious. These guidelines will suggest measures on introducing new planning processes including the technologies of Intelligent Transport Systems.

The implementation of transport and spatial planning schemes is based on decisions of transport policy. In order to prepare an effective and efficient transport policy a transport planning process is applied to forecast the impact of measures and its acceptance within all stakeholders and affected people. Transport and spatial planning methods and their instruments support the planning process. Instruments are products of implemented planning methods. Advanced decision support systems based on technology oriented planning methods will improve the effectiveness and efficiency of the planning process. Several obstacles are currently hindering the introduction of state-of-the-art planning methods in daily practice; among them the framework of legal obligations, data availability, limited culture of innovation and missing knowledge of new methods and instruments. TechnoVeP will focus on a process-oriented transport and spatial planning. Austria initiatives on introducing Geographical Information Systems within public agencies, the eGovernment processes and the structured listings of new technologies in the traffic telematics framework are well acknowledged within the international scientific community. These assets have to be incorporated within the transport and spatial planning process.

First a literature review will compare the planning process between different European countries. A thorough survey of governmental agencies will identify current planning methods, future objectives and obstacles when introducing technology based planning methods combined with new ITS technologies. A subset of experts will be invited to a workshop discussing measures to foster process oriented transport and spatial planning methods. Guidelines will be produced integrating spatial and transport planning based on new transport technologies.

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Project coordination

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