Architecture Training from the FRAME Team
Further Information
Workshop
Creating an ITS Architecture from the FRAME Architecture and how to use it

Recommended Audience

ITS Engineers: those who support the decision making process with technical data, or who participate in the creation and release of Calls for Tender. They may work for local or national governments, consultants, service providers, vehicle manufacturers or ITS equipment suppliers.

Aims and Objectives

- To show how the European ITS Framework (FRAME) Architecture can be used as a starting point for creating ITS architectures to support the deployment of services provided by integrated ITS.

- To show how ITS architectures can be used to specify the components of ITS services and their communications requirements.

- To show how ITS architectures can be used to identify and resolve management and business issues; undertake Cost/Benefit and Risk Analysis, as well as to produce Deployment and Migration Plans.

- To provide experience of creating an ITS architecture – see Case Study below.

Contents

Introduction to the European ITS Framework (FRAME) Architecture; Users' Needs; models of ITS applications; the Functional Viewpoint; the Physical Viewpoint; the Communication Viewpoint; the Organisational Viewpoint; Deployment and Migration Plans; Cost/Benefit and Risk Analysis; System Specifications and Communications Requirements.

Case Study

The Workshop can be supported by a Case Study through which attendees will gain experience of creating an ITS architecture using the FRAME Architecture Tools.

Duration – 2 days. A one day version is possible, but it will exclude the Case Study.

Organisation

- The Workshop will take the form of presentations and discussion in English.

- In order to use the FRAME Architecture Tools attendees will also need access to a PC with Microsoft Office (including MS Access): one between two people is ideal. Access to the Internet is not normally required. In order that we can provide sufficient supervision during the exercises there is a limit of 30 attendees for a workshop that includes the Case Study.