

'Understanding the contribution of ITS to urban mobility' ITS World Congress Lunch Session

Wednesday, 24 October 2012, 12.00-13.30 (followed by lunch)
Kapsch Booth B20, Congress Exhibition

Moderator: Sylvain Haon, Polis

Introductory presentations

- The results of the road-user charging simulation study in Berne, **Dr Ulrich Seewer, Canton Berne**
- Presenting an ITS project to decision makers – the key performance indicators approach of the CONDUITS project, **Pierre Schmitz, Brussels Capital Region**

Panel discussion with the participation of Josef Czako (Kapsch), Dr Ulrich Seewer (Canton Berne), Pierre Schmitz (Brussels Capital Region), Christian Heimgartner (City of Zurich) and Niv Eden (Technion)

Scope of session

When presenting new ITS applications or traffic management measures to decision makers, it is often difficult to quantify the benefits of these new systems. It may be reasonably easy to explain how these new systems will help to resolve a particular problem; however, it is not commonplace to assess the wider policy impacts (post-deployment) and even less common to attempt to predict such policy impacts (pre-deployment).

During the session, representatives of the administrations of Berne and Brussels will each present the approach taken to evaluate the impact of an ITS-enabled measure:

→ Dr Ulrich Seewer will present a road pricing simulation model which was developed in an extensive planning and political process for the region of Berne. The simulation model includes all modes of transport, aiming to reduce traffic congestion and air emissions and to generate revenues for maintaining and building road infrastructure. The main barriers to road pricing implementation are legal and political rather than technical.

With the support of Kapsch, the Key Performance Indicator set, created in the FP7 project CONDUITS to provide a comprehensive approach to assess ITS impacts on policy, has been taken forward. A decision support tool based on this KPI set and modelling software has been developed. Pierre Schmitz will present the application of the first version of this tool, called CONDUITS DST, to a large scale public transport priority programme.

Following the presentations, the panel discussion will address a number of issues. How can decision support tools support the deployment of ITS? Which other measures are needed to support the deployment of ITS? What can the EC do to promote the adoption of these measures?

The session will finish with a lunch offered by Kapsch.

Session attendance

Registration for this session is not required. The number of seats is limited however and you are therefore advised to arrive on time.