COMPASS project is co-funded by the European Commission within the Seventh Framework Programme. The project started on 1st November 2011 and run for 25 months. The project consortium comprises nine partners from six European countries.

The research undertaken in the COMPASS project recommends solutions that will allow improvements to the planning and operation of the passenger transport network to enhance co-modality in transport thus contributing to the reduction of carbon emissions.

COMPASS aims to provide an overall picture what travellers require from the transport system at present and in the future based on an investigation of the key socio-economic trends. COMPASS analysed how ICT (Information and Computer Technology) and ITS (Intelligent Transport Systems) applications can meet the future demands identified, favouring the integration of multi-modal transport solutions, and will assess how these solutions can contribute to the de-carbonisation of transport activities.

In COMPASS co-modality is defined as “using the transport system so that a particular mode is used when it is the most appropriate one for a particular journey; this can involve intermodal trips, but may also involve single-mode trips”. Solutions for optimised co-modality have been identified and assessed, so that policy recommendations can be made.
Programme

09.30  Registration

10.00  Welcome and opening speech
       Olga Landolfi, TTS Italia, Secretary General
       Ioana-Olga Adamescu, European Commission DGRTD, Project Officer

10.10  Introduction and overview of COMPASS project
       Christiane Bielefeldt, Transport Research Institute Edinburgh Napier University, Project Coordinator

10.20  Key drivers for future mobility patterns
       Claudia de Stasio, Trasporti e Territorio

10.40  Feed-back from the audience

11.00  Results of selected case studies
       A travel planner for the Regione Marche, Gabriele Frigio, Regione Marche
       CARUSO - grass roots car sharing in Austria, Takeru Shibayama, Vienna University of Technology
       Future interurban public transport in warmińsko-mazurskie voivodship, Monika Bak, University of Gdansk

       Questions and answers

11.40  Coffee Break

11.55  ICT solutions for improving co-modality
       The COMPASS Handbook of ICT solutions, Oriol Biosca, Mcrit
       Variable road pricing in Eindhoven, Maurice Geraets, NXP
       Motorway management in Hessen, Gerd Riegelhuth, Hessen Mobil
       Accessibility Apps for Disabled People, Bryan Matthews, University of Leeds
       WeSmartPark, Collaborative Parking in Barcelona, Jaume Mayor, WeSmartPark

       The ‘App’eal of Taxi Technologies: Opportunities and Threats from Taxi apps, James Cooper, Transport Research Institute Edinburgh Napier University
       European experience with ICT - The EasyWay project, Alessandro Javicoli, SINA

       Questions and answers

13.40  Light Lunch

14.30  Business models for ICT solutions
       Business Models of innovative solutions: enabling co-modality and decarbonisation of transport, Gianni Caramanico, TTS Italia
       HD Floating Car Data: urban traffic detection using multi-constellation GNSS, Gianluigi Brasili, Infomobility.it

15.00  Feed-back from the audience

15.20  The potential for decarbonisation of transport through ICT solutions
       Anouk van Grinsven, OPTIMISM project

15.35  The impact of ICT solutions on a European scale, assessment of scenarios
       Andreu Ulied, Mcrit

15.55  Feed-back from the audience - Debate on ICT scenarios
       Jim Grieve, South East Scotland Transport Partnership (SEStran)
       Maurizio Tomassini, ISIS
       Todd Carroll, US Department of Transportation

16.25  ITS for integrated transport in H2020
       Ioana-Olga Adamescu, European Commission DGRTD, Project Officer

16.40  Farewell
       Christiane Bielefeldt, Transport Research Institute Edinburgh Napier University, Project Coordinator