



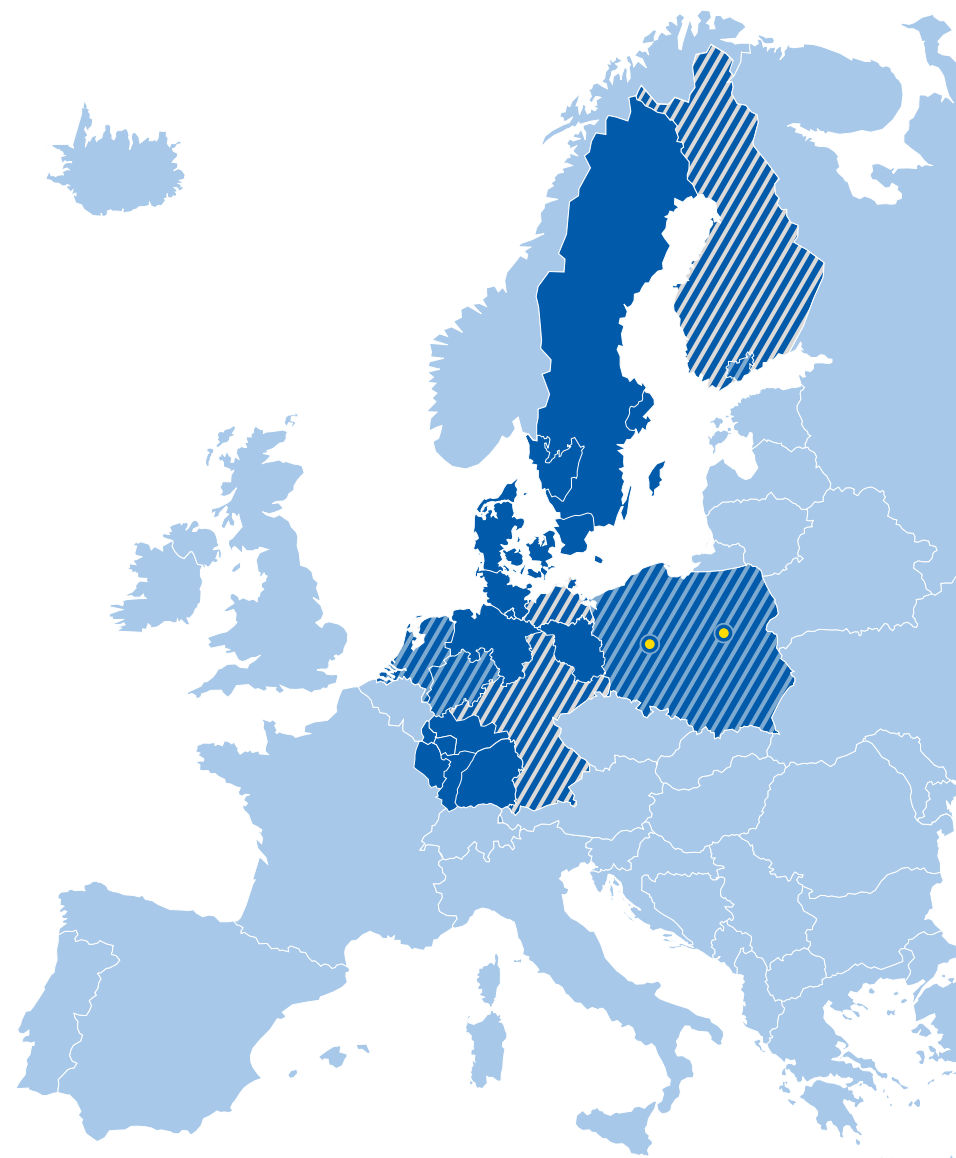


Information Providers

	Alsace region – FR www.vialsace.eu
	Baden-Württemberg (NVBW) – DE www.efa-bw.de
	Berlin-Brandenburg (VBB) – DE www.VBBonline.de
	Denmark (Rejseplanen) – DK www.rejseplanen.dk
	Western Sweden (Västtrafik) – SE (2nd half 2011) www.vasttrafik.se
	Hamburg (HVV) - DE
	Luxembourg - Communauté des Transports (CdT-Verkeiersverbond) – L www.mobiliteit.lu
	Northern Germany (Connect) – DE www.connect-info.net
	Rhein-Neckar / Rheinland-Pfalz (VRN) – DE www.vrn.de
	Saarland (VGS) – DE www.saarfahrplan.de
	Scania (Skånetrafiken) – SE www.skånetrafiken.se
	Schleswig-Holstein (nah.sh) – DE www.nah-sh.de
	Stockholm (SL - Storstockolms Lokaltrafik AB) – SE (end 2011) www.sl.se
	Swedish trains and regional busses (Samtrafiken) – SE www.resplus.se
	Warsaw - Zarząd Transportu Miejskiego (ZTM) – PL www.ztm.waw.pl

-  Current service
-  Expected service
-  In clarification
-  urban public transport



Projekt Coordination



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08.2011



EU-Spirit – A European Travel Information System

The goal of EU-Spirit is to establish an accessible and functioning inter- and multimodal pan-European travel information system. Passengers should be able to find all the relevant information for an individual cross-border door-to-door journey on their local information website.

The EU-Spirit Service

Currently, passengers in Denmark, Luxembourg and Sweden, Warsaw in Poland and travellers in Baden-Württemberg, Berlin-Brandenburg, Niedersachsen, Rheinland-Pfalz, Saarland and Schleswig-Holstein in

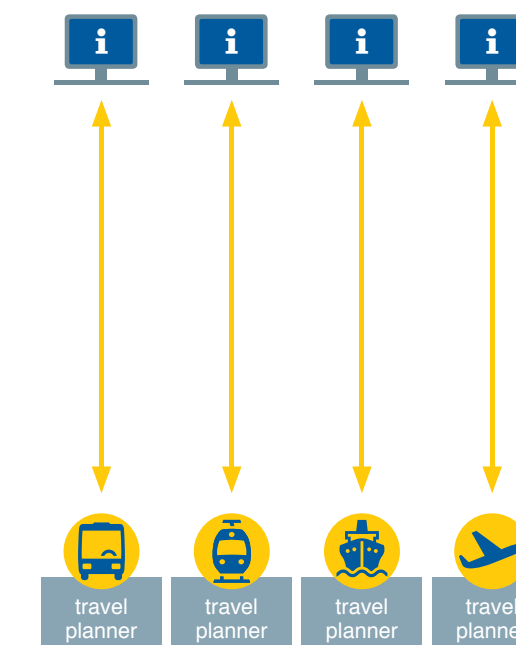
Germany have the possibility to plan their trips via the EU-Spirit network. Soon Nordrhein-Westfalen in Germany, Alsace and Lorraine in France, Helsinki in Finland as well as Poznan in Poland will join the EU-Spirit network. Negotiations with future providers take place in the meantime.

The Benefits

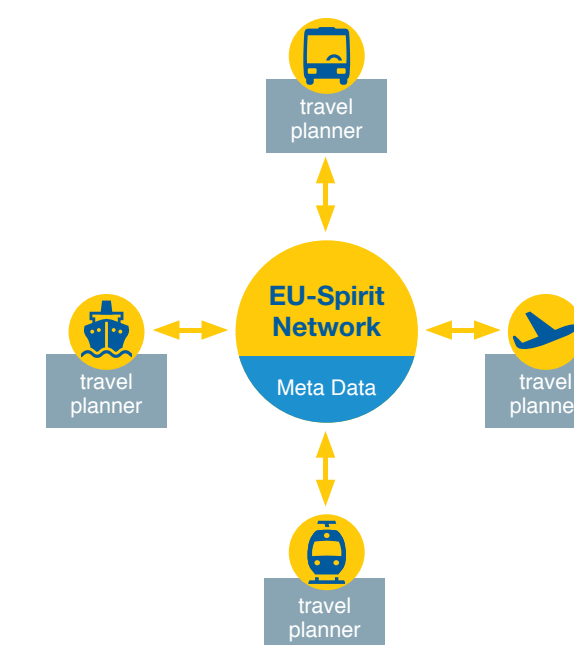
The simple set up of the EU-Spirit system enables local information systems to interlink with all partners of the network. EU-Spirit is still expanding the coverage of existing systems.

The following innovations are now available for all passengers and information system providers:

- International door-to-door travel planner
- All information are available internationally
- Local, regional and national websites will be extended
- Costumers do not need to change their tried and tested website
- Fast, simple and inexpensive integration of new travel planning systems
- Limited maintenance effort



by separate travel planners



by EU-Spirit Network

EU-Spirit – A European Travel Information Network

The EU consists of 27 member states with millions of people who need a functioning cross-border travel network. The European travel network is required to grow with the demands of the people and the enlargement of the EU.

Traffic in the EU

The significance of public transport in the EU is immensely high. Trains, busses, ferry boats and airplanes have become likewise essential for commuters, holiday makers and travellers of all ages. Cross-border travelling is reality for millions of EU citizens.

Attractive public transport turns on modern vehicles, short travel times and an accessible transport service that meets the needs of the customers integrating and connecting different transport modes.

Meeting New Challenges

It is worth an effort to improve public transport, especially concerning barrier-free travelling and customer services, to establish a sustainable

and attractive transport system for all the citizens in the EU.

EU-Spirit provides cross-border and Internet-based travel information service for customers of public transport. It integrates all inter- and multimodal transport services. The EU-Spirit service provides door-to-door travel information for customers who do not only travel within one region. The service includes that information can be retrieved in the customers' language so that travelling around Europe becomes even simpler.

The service is a network that is based on existing local, regional and national travel information systems which are interlinked via technical interfaces. All travel information services, however, need to be interlinked even further to allow international use and easy handling.

Innovative and Inexpensive System

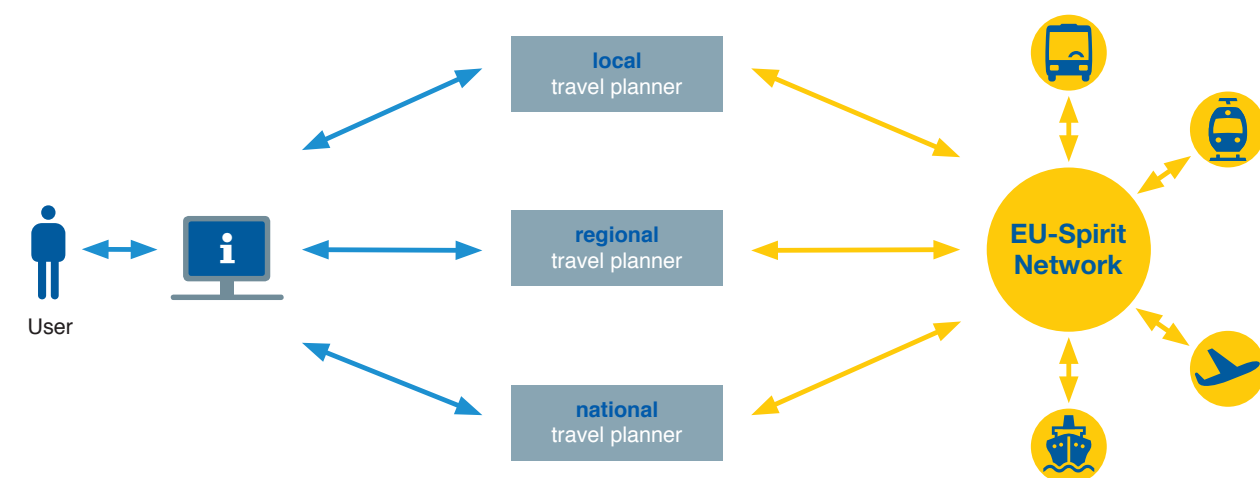
The innovative EU-Spirit technology enables access and combination of several travel planning systems

from different service providers very inexpensively. A task for the future is to establish simple interfaces between local and regional (covering suburban trains, trams, busses) and long distance information services (trains, ferries and airlines) even further.

EU-Spirit: A Success Story

EU-Spirit started on the 5th Framework Program of European Union as a Research and Development Project in 1998. The project resulted in a continuation of EU-Spirit through its partners.

EU-Spirit recently won the "LINK-Award for outstanding achievements in the field of intermodal passenger travel". The LINK-Project ("The European Forum on Intermodal Passenger Travel"; www.linkforum.eu) was launched in April 2007 and is funded by the the 6th Framework Program of the European Commission (DG Energy and Transport).



Examples from Current EU-Spirit Service Providers

Long distance trips

Berlin-Brandenburg > Sweden

Long distance train connection for most of the journey.

VBB travel planner:
www.VBB-Fahrinfo.de

Flight connection for most of the journey.

VBB travel planner:
www.VBB-Fahrinfo.de

Warsaw > Rheinland-Pfalz

Long distance train connection for most of the journey.

ZTM Warsaw travel planner
www.ztm.waw.pl

Baden-Württemberg > Sweden

Flight connection for most of the journey.

NVBW travel planner
www.efa-bw.de

Regional cross-border trips

Malmö > Copenhagen

Connection between two neighboring regions.

Skanetrafiken travel planner
www.skanetrafiken.se

Saarland > Luxembourg

Connection between two neighboring regions.

Saarland travel planner
www.saarfahrplan.de

EU-Spirit – Future Developments

The quality of passenger information is as important as the quality of public transport services in general. EU-Spirit makes, therefore, a significant contribution to facilitate the use of public transport. An essential aim is to improve information quality further and to implement high-quality standards across the EU.

New Partners Welcome

EU-Spirit always welcomes new partners that would like to offer their local, regional or national travel planners. Every additional information system increases the information volume and quality for all current members of the EU-Spirit network.

Advantages for EU-Spirit Partners

Becoming a partner of EU-Spirit means, apart from an integrated timetable information system and an improvement of interfaces, additional assistance for regional projects or projects in international development programmes if planned.

The Warsaw Transport Authority (ZTM Warsaw) for example, set up a travel planning system which was integrated into the EU-Spirit network by the INTERREG IVC Project "CAPRICE".

In 2011/2012 the Polish city Poznań might follow. With the help of an EFRE project, the information systems of urban transport in Poznań and the Polish State Railways (PKP) will be included for testing purposes. The recent developments will also help to improve visitor information for the UEFA Euro 2012 in Poland and Ukraine.

Another INTERREG IVC project is the "Rail Baltica Growth Corridor" project. It aims to improve travel information systems along the corridor

Berlin – Warsaw – Baltic States – Helsinki / St. Petersburg until 2013.

In the course of this project all ferry lines around the Baltic Sea will become part of the EU-Spirit network. All modes of public transport will therefore be covered within the next few years.

Real time data

The future belongs to real time data systems. This means more and reliable information for passengers during a trip.

The use of real time data allows reporting of disturbance messages concerning short and medium term construction sites or exact departure and arrival times.

With the help of appropriate frontend applications the passenger will be free to choose alternatives and to save time.

The South Swedish public transport authority, Skanetrafiken (Malmö region), and the Danish national journey planner, Rejseplanen, were the first who integrated real time data into the EU-Spirit network. The Öresund Bridge connects two countries and two regions so closely that it is melting two regions into a single economic area. It could only grow together because of the cross-border travel option. Denmark and Sweden marked the commencement of cross-border timetables in the EU-Spirit system.

The availability of cross-border information including real-time data caused a clear increase of quality in public transport services for passengers between Denmark and Sweden. The number of passengers has increased ever since.

Future developments

Within the EU some efforts have been made to realize price information as well as an accounting and payment function. The members of the EU-Spirit network are convinced that these information would be a major step forward to improve the attractiveness of public transport even further. EU-Spirit, therefore, strongly supports the ideas and is interested to play an important role in the future developments of this improvement.