PROJECT

CITY-HUB

City-Hub

**Funding:** European (7th RTD Framework Programme)
**Duration:** Sep 2012 - Feb 2015
**Status:** Complete with results
**Total project cost:** €1,631,394
**EU contribution:** €1,296,085

**Call for proposal:** FP7-SST-2012-RTD-1
**CORDIS RCN:** 104630

**Background & policy context:**
The project brings together leading experts in the fields of design and urban integration, transport operation and business, with local and regional authorities and end-users organisations, which represent the economic, demographic and territorial diversity of Europe.

**Objectives:**
City-HUB aims to make urban interchanges more accessible to all users. The approach is integrated, covering the different aspects of an urban interchange in order to increase the use of public transport, improve the efficiency and propose a new business model.

**Methodology:**
The project starts by analysing the best and bad practices developed from current urban interchanges. Apart from the state of the practice, the case study approach includes surveys to identify the travellers priorities in transfer trips. All these will feed the development of an integrated model and a comprehensive set of methodological guidelines to obtain the maximum efficiency by upgrading existing urban interchanges or by building new ones.

The integrated model will be validated through a set of European case studies selected as demonstrators. The model and methodological guidelines will be fully exploited through a European transferability exercise and dissemination initiatives to target groups throughout Europe.

**Parent Programmes:**
FP7-TRANSPORT - Transport (Including Aeronautics) - Horizontal activities for implementation of the transport programme (TPT)

**Institute type:** Public institution
**Institute name:** The European Commission
**Funding type:** Public (EU)

**Lead Organisation:**

**Universidad Politécnica De Madrid**

**Address:**
Avda. Ramiro de Maeztu, 3
28040 MADRID
Spain

**Organisation Website:**
http://www.upm.es

**EU Contribution:** €198,236
### Partner Organisations:

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<th>Organisation</th>
<th>Address</th>
<th>Organisation Website</th>
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<tr>
<td>Trl Limited</td>
<td>Crowthorne House Nine Mile Ride 0&lt;br&gt;Wokingham&lt;br&gt;RG40 3GA&lt;br&gt;United Kingdom</td>
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<td>Ethniko Kentro Erevnas Kai Technologikis Anaptyxis</td>
<td>Charilaou Thermi Road&lt;br&gt;57001 Thermi Thessaloniki&lt;br&gt;Greece</td>
<td><a href="http://www.certh.gr">http://www.certh.gr</a></td>
<td><strong>€101,675</strong></td>
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<td>Teknologian Tutkimuskeskus Vtt Oy</td>
<td>VUORIMIEHENTIE 3&lt;br&gt;02150 Espoo&lt;br&gt;Finland</td>
<td><a href="http://www.vtt.fi">http://www.vtt.fi</a></td>
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<td>Kőzlekedestudományi Intezet Kht</td>
<td>Than Karoly utca 3-5&lt;br&gt;BUDAPEST 107&lt;br&gt;Hungary</td>
<td><a href="http://www.kti.hu">http://www.kti.hu</a></td>
<td><strong>€175,175</strong></td>
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<td>Transportokonomisk Institutt</td>
<td>GAUSTADALLEEN 21&lt;br&gt;0349 OSLO&lt;br&gt;Norway</td>
<td><a href="http://www.toi.no">http://www.toi.no</a></td>
<td><strong>€226,530</strong></td>
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Centrum Dopravniho Vyzkumu V.v.i.

**Address:**
Lisenska 33a
636 00 BRNO
Czech Republic

**Organisation Website:**
http://www.cdv.cz

**EU Contribution:** €53,150

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Panteia Bv

**Address:**
BREDEWATER 26
2715 CA ZOETERMEER
Netherlands

**Organisation Website:**
http://www.panteia.nl

**EU Contribution:** €166,813

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Institut Francais Des Sciences Et Technologies Des Transports, De L'aménagement Et Des Réseaux

**Address:**
BOULEVARD ISAAC NEWTON 14 CITE DESCARTES 14-20
77447 MARNE LA VALLEE CEDEX 2
France

**Organisation Website:**
http://www.ifsttar.fr

**EU Contribution:** €77,808

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Teknologian Tutkimuskeskus Vtt

**Address:**
TEKNIIKANTIE 4 A
02044 VTT ESPOO
Finland

**Organisation Website:**
http://www.vtt.fi

**EU Contribution:** €0

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**Technologies:**

- Information systems
- Sustainable urban mobility planning

**Development phase:** Research/Invention

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**Key Results:**

**Driving more efficient urban transport**

Interchanges where passengers can switch from one public transport route to another more safely, reliably and comfortably benefit the mobility needs of European society overall. An EU initiative is looking to make urban transport interchanges more efficient and sustainable.

Efficient urban networks can allow for the seamless use of different means of transport. The majority of
today's urban interchanges are not optimised enough, thus failing to meet the needs and demands of modern commuters, especially women, the elderly and persons with disabilities.

To achieve effective and sustainable urban transport interchanges, the EU-funded http://www.cityhub-project.eu (CITY-HUB) project is creating solutions to maximise coordination, information systems and business models. The focus is on the design of an integrated business model that takes into account all aspects of urban interchange.

During the first reporting period, the project team evaluated present circumstances in urban interchanges, identified the main actors and their roles, and carried out stakeholder interviews and commuter surveys. It validated and tested the main factors that affect interchange, such as efficient planning and design, accessibility, convenience and safety.

Case studies identified best practices, and obstacles to and areas for improvement.

Researchers used the analysis of the current state of play and the results of the case studies as a starting point in the development of an efficient and smart design model for transport interchanges. They also assessed the operations, management, interconnectivity, information services and efficiency of urban transport interchanges.

All the outcomes will be used in the second reporting period to deliver a complete set of methodological guidelines for integrating design and management models.

By proposing solutions for sustainable planning and design, CITY-HUB intends to contribute to smarter, cleaner and safer urban transport interchanges.

Documents:
- Final Report Summary - CITY-HUB (City-Hub)

STRIA Roadmaps:
Network and traffic management systems, Smart mobility and services, Infrastructure

Transport mode: Multimodal transport
Transport sectors: Passenger transport
Transport policies: Societal/Economic issues
Geo-spatial type: Urban