



a knowledge base for intermodal
passenger travel in europe

A Knowledge Base for Intermodal Passenger Travel in Europe

Central issues in passenger intermodality



KITE project partners



STRATA Gesellschaft für Daten- und Informations-management mbH

Universität Karlsruhe (TH) – Institute for Transport Studies

*INRETS Institut National de Recherche sur les Transports et leur Sécurité
- Département Economie et Sociologie des Transports*

Institute for Transport Planning and Systems (IVT)

*University of Natural Resources and Applied Life Sciences (BOKU) -
Institute for Transport Studies (IVE)*

TIS.pt Transportes, Inovação e Sistemas, S.A.

INOVAPLAN GmbH

Universiteit Hasselt, Transportation Research Institute

The two central definitions for intermodal travel in KITE:

„Passenger intermodality is a policy and planning principle that facilitates the combination of different modes in order to enable seamless travel.“

„In the context of KITE all travel [all long distance travel with a trip length of more than 100 km] except car only trips is defined as intermodal travel.“

14 Intermodal Key Issues

Assessment & Evaluation

Booking & Ticketing

Coordination & Cooperation

Products & Services

Promotion & Advertising

Safety & Security

Networks & Interchanges

**Key
Issues**

Technical Issues

Information

Market Demand

Resources & How How

Baggage Handling

Legal & Regulatory Framework

Organization & Development Procedures

Intermodal Key Issue: Market Demand



Provide an EU-wide statistical overview and generate figures about existing and latent intermodal behavior.

Main goals:

- Analyze existing data sources, e.g. National Transit Surveys, DATELINE with regard to intermodal and long-distance travel.
- Generate consistent figures on long-distance travel demand for different modes.
- Estimate the potential long-distance travel demand.

Intermodal Key Issue: Networks & Interchanges



Defining the main important characteristics of a best practice intermodal interchange terminal is the main focus of this work package.

Main goals:

- Collect information about implementation process and the existing quality standards.
- Analyze interchange resistance from a user's perspective
- Analyze technical and implementation obstacles of interchanges
- Formulate guidelines of good intermodality practices

Intermodal Key Issue: Assessment & Evaluation



This working package develops an integrated methodology for the evaluation of intermodal passenger services and intermodal technical solutions.

Main goals:

- Identify the most relevant costs and benefits of intermodality enhancing measures, techniques and policies.
- Based on a standard Cost-Benefit Analysis (CBA) methodological framework
- Create decision aid tool for the assessment of intermodal investments

Intermodal Key Issue: Information / Booking & Ticketing

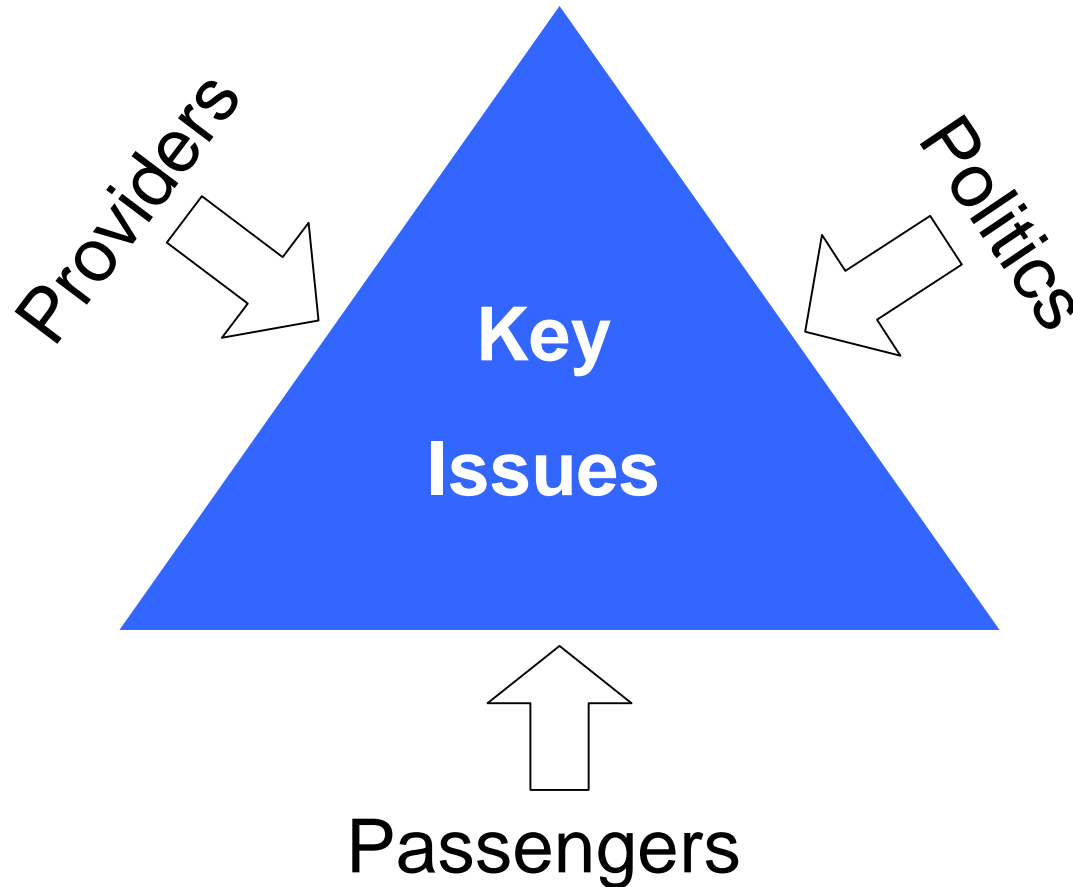


This working package creates a guideline of possible future online presentation that fulfills the requirements of travelers.

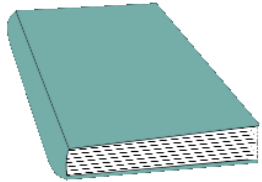
Main goals:

- Analyze current and future development in the area of intermodal service presentations.
- Identify actual gaps and show development path.
- Analyze current data-cooperation behavior with regard to joined ticketing applications.

Three Different Perspectives



Assign material to the appropriate categories



Key Issues	Passengers	Providers	Politics
1. Legal & Regulatory Framework	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Coordination & Cooperation	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Resources & Know How	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
4. Organization & Development Procedures	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Assessment & Evaluation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Technical Issues	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Networks & Interchanges	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Market Demand	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Products & Services	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Promotion & Advertising	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. Booking & Ticketing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Baggage Handling	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. Safety & Security	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. Information	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

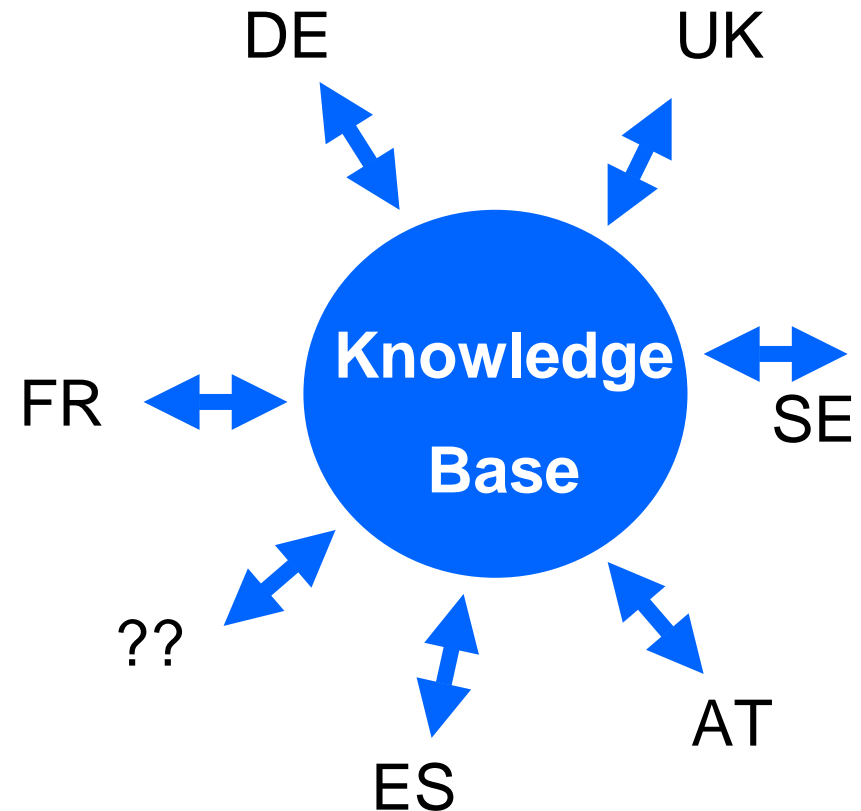


Use categories while searching

Collaborative Solution: MediaWiki

Major Pro's:

- Easy to contribute for everyone
- Flexible structure thanks to user definable categories
- Updates & Corrections can be performed by all users
- Standard based solution with thousands of installations
- Modular architecture leaves room for extensions



Knowledge Base Implementation



Accessible
under:

<http://www.kite-project.eu>

Link: Wiki

Thank you for
your attention!

A screenshot of a Mozilla Firefox browser window displaying a Wiki page. The browser's address bar shows the URL: http://ifv-kite.ifv.uni-karlsruhe.de/kite/wiki/index.php/Bikerail_-_combined_journeys_by_c... The page title is 'Bikerail - combined journeys by cycle and rail'. The page content includes a navigation menu on the left with options like 'Main Page', 'Recent changes', and 'Random page'. The main content area has a table of contents with sections: '1 Introduction', '2 The benefits of bikerail', '3 Scope for bikerail', '4 External Links', and '5 Documents'. The 'Introduction' section is expanded, showing text about bikerail as a composite journey involving a bicycle and railways. A small image of a bicycle on a train carriage is shown on the right. The browser's status bar at the bottom shows 'Fertig'.