MULTI-MODAL TRAVEL PLANNING ALONG THE BALTIC SEA: STATUS, DEVELOPMENTS AHEAD AND POSSIBILITIES FOR SZCZECIN

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Szczecin, 27.08.2013
CROSS BORDER ACTIVITIES OF VBB

- Cross-border timetable coordination
- Fare cooperation and ticket integration
- Cross-border traveller information
- Common marketing for public transport
- Continuous cooperation with Polish stakeholders

Participation in European Projects
- e-Kom (ERDF Berlin)
- Rail Baltica Growth Corridor (INTERREG IVB)
- RBGC Russia and German „Add-on“
BACKGROUND

- Increasing number of cross-border travellers between Poland and Germany: Tourists and Commuters
- Usage of public transport less than car usage (until now)

Solutions

- Extending public transport service
- Better communication of existing services by giving an end-to-end information

Interconnecting the travel information services

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INTERCONNECTING TRAVEL PLANNERS

• Several travel planning systems offer good services for a certain geographical area:
  • Jakdojade.pl for Polish Regions
  • SITKol for PKP
  • VBB-Fahrinfo for Berlin/Brandenburg
  • etc.

• For cross border information:
  interconnection of existing travel planning systems

• Best solution: existing traveller information network EU-Spirit
VBB’S TRAVEL PLANNER „VBB-FAHRINFO“

VBB-Fahrinfo offers timetable and fare information for public transport

• For total Berlin and Brandenburg
• As part of German information network DELFI
• As part of the European information network EU-Spirit

Berlin <> Szczecin Główny OK

Szczecin Główny <> University: Still missing...

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...BUT IS AVAILABLE IN JAKDOJADE.PL / SZCZECIN
VBB’S TRAVEL PLANNER „VBB-FAHRINFO“ IN THE PAST

VBB-Fahrinfo was offering timetable information for public transport in Szczecin in 2004 / 2005. But manual timetable maintainance was not handable.
WHAT IS EU-SPIRIT (1)?

• EU-Spirit startet as EU R&D project 1998-2001
• With Partners from Austria, Denmark, Italy, Sweden, and Germany
• With long distance railway connections between the participating regions
• High demand after opening of Öresund bridge
• Continuous operation after the project’s end
WHAT IS EU-SPIRIT (2)?

- A technology to interconnect already existing travel planning services
- Information of each information system can be used by other systems being connected
- Customers can still use their well-known systems (no change needed) for the whole journey
- Running costs are low, integrating new partners easy
EU-SPIRIT EXAMPLE #1
SZCZECIN - LUXEMBURG

VBB’s travel planner
VBB-Fahrinfo

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EU-SPIRIT EXAMPLE #2
KOPENHAGEN -> SZCZECIN

Saarland‘s travel planner (saarfahrplan.de)

<table>
<thead>
<tr>
<th>Stop, address or point of interest</th>
<th>Date</th>
<th>Arr.</th>
<th>Dep.</th>
<th>Platform</th>
<th>Products</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kultorvet 1, 1175 København K, København</td>
<td>22.08.13</td>
<td></td>
<td></td>
<td></td>
<td>Walk</td>
<td>5 min. Provider: DSB</td>
</tr>
<tr>
<td>Nørreport station (Metro)</td>
<td>09:13</td>
<td></td>
<td>MET M2</td>
<td></td>
<td>Direction: Lufthavnen st (Metro) Carriage of bicycles Provider: DSB Operator: MetroSelskabet</td>
<td></td>
</tr>
<tr>
<td>Lufthavnen st (Metro)</td>
<td>09:28</td>
<td></td>
<td></td>
<td></td>
<td>Transfer</td>
<td>90 min. Provider: DSB</td>
</tr>
<tr>
<td>Copenhagen Airport - check in</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Copenhagen (Kastrup Airport)</td>
<td>11:00</td>
<td></td>
<td>AB 8749</td>
<td></td>
<td>Boeing 737-700 Passenger Provider: <a href="http://www.flugplan.de">www.flugplan.de</a> Operator: airberlin</td>
<td></td>
</tr>
<tr>
<td>Berlin (Tegel Airport)</td>
<td>12:00</td>
<td></td>
<td></td>
<td></td>
<td>Transfer</td>
<td>30 min. Bitte beachten: Zeiten für den Fußweg samt Ein- bzw Auscheckdauer sind nur Richtwerte! Maßgeblich sind die Fristen, die Ihnen der Veranstalter nennt! Provider: VBB</td>
</tr>
<tr>
<td>Berlin Tegel Airport</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Flughafen Tegel (Airport) (Berlin)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Flughafen Tegel (Airport) (Berlin)</td>
<td>14:03</td>
<td></td>
<td>Bus TXL</td>
<td></td>
<td>Direction: S+U Alexanderplatz via Hauptbahnhof Provider: VBB Operator: Berliner Verkehrsverwaltungsamt</td>
<td></td>
</tr>
<tr>
<td>Washingtonplatz/Hauptbahnhof (Berlin)</td>
<td>14:25</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>S+U Berlin Hauptbahnhof (tief)</td>
<td>14:33</td>
<td>5</td>
<td>RE3</td>
<td></td>
<td>Direction: Stralsund, Hauptbahnhof Provider: VBB Operator: DB Regio AG</td>
<td></td>
</tr>
<tr>
<td>Angermünde, Bahnhof</td>
<td>15:29</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Szczecin, Glowny</td>
<td>16:29</td>
<td>4</td>
<td>RB66</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
MORE INFORMATION:
SEE EU-SPIRIT FLYER
TRAVELLER INFORMATION PROJECTS (1)

- INTERREG IVC-Project „CAPRICE“: Exchange of experiences between Paris, Berlin, Bukarest, Vilnius and Warsaw
- Travel Planner for ZTM Warszawa as „pilot implementation“
- Integration into EU-Spirit
TRAVELLER INFORMATION PROJECTS (2)

• Project „e-Kom“
• ERDF project funded by Berlin within the Odra partnership
• Connecting travel information system of VBB with those of Polish Regions (e.g. Poznań and the PKP system „SITKol“)
• Using the European EU-Spirit network
• Cross-border travel information between VBB area and Polish railway stations and Poznań
• Special information for EURO 2012
• Run time 2009-2013
E-KOM RESULT (OLD EXAMPLE): BERLIN > GORZÓW WLKP.

- Interconnection VBB-Fahrinfo with PKP SITKol system
- Did work technically well on test system, but:
- PKP did not agree upon continuous cooperation 😞
GOAL WITHIN E-KOM: TRAVEL PLANNER FOR POZNAŃ

- Realisation of an own travel planner for ZTM Poznań
- Demonstration within the lifetime of the project
TRAVELLER INFORMATION PROJECTS (3)

• INTERREG IVB project „Rail Baltica Growth Corridor“ (2011-2013)
• Traveller information as WP5 „Connectivity Pilot“
• Goal: Improvement of cross-border traveller information along the corridor Berlin - Poland - Baltic States - Helsinki
• Integration of international railway and Baltic Sea ferry information into existing EU-Spirit network
• What has been reached so far:
  • Baltic Sea ferries have be collected and integrated (test system)
  • UIC Merits data have been integrated (test system)
  • Interconnection of Jakdojade.pl into EU-Spirit (test system)
RBGC RESULTS (EXAMPLE #1)

<table>
<thead>
<tr>
<th>Details</th>
<th>Map</th>
<th>Print</th>
<th>Calendar</th>
</tr>
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<tbody>
<tr>
<td>Departure from</td>
<td>Malmö Terminal on 15.04.13</td>
<td></td>
<td></td>
</tr>
<tr>
<td>dep</td>
<td>10:51</td>
<td>Transfer 20 min., ca. 532 m</td>
<td>Provider: Merits</td>
</tr>
<tr>
<td>arr</td>
<td>11:11</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Change at</td>
<td>MALMO C (Schweden)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>dep</td>
<td>11:11</td>
<td></td>
<td>Provider: Merits</td>
</tr>
<tr>
<td>arr</td>
<td>15:40</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Change at</td>
<td>STOCKHOLM C (Schweden)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>dep</td>
<td>15:40</td>
<td>Transfer 30 min., ca. 3,7 km</td>
<td>Provider: Merits</td>
</tr>
<tr>
<td>arr</td>
<td>16:10</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Change at</td>
<td>Stockholm Frihamnen</td>
<td></td>
<td></td>
</tr>
<tr>
<td>dep</td>
<td>17:00</td>
<td>SP_208 Tallink Direction Riga hammad</td>
<td>Provider: Merits; Operator: standard provider for THM 208</td>
</tr>
<tr>
<td>arr</td>
<td>12:00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Arrival at</td>
<td>Riga hammad on 16.04.13</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Duration:</td>
<td>23:09</td>
<td></td>
<td>On time</td>
</tr>
<tr>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

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RBGC RESULTS (3):
INTEGRATING JAKDOJADE.PL IN EU-SPIRIT
POSSIBILITIES FOR SZCZECIN

• Results of e-Kom and und Rail Baltica Growth Corridor projects could be a perfect base for Szczecin’s interconnection with destinations especially in the Baltic Sea region

• Possibility for Szczecin: Integration into EU-Spirit network comparable to Poznań, Łódź, Białystok

• Making use of RBGC results:
  • Baltic Sea ferries in EU-Spirit
  • Merits data in EU-Spirit
  • Connection jakdojade.pl to EU-Spirit

• Integration and test 2013 / 2014 via German funded RBGC „Add On“ project

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QUESTIONS?

• Any feedback or further ideas?
• ...

• Conclusions and next steps ...
THANK YOU VERY MUCH FOR YOUR ATTENTION!

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