Viable Wagonload production Schemes

Fact Sheet

Objective

Single wagonload (SWL) transport is still a major component in numerous European states transport systems and in the logistics of different economic sectors such as steel, chemical industry and automotive. However changing framework conditions and increasingly demanding market requirements have led to dramatic market losses and even to complete shutdown of SWL business in some countries. As this business segment has been evaluated as important for specific transports in a European co-modal transport system also in the future, significant improvements are needed. The ViWaS partners believe that for the success of SWL the following two issues might be crucial: (1) A viable SWL system is highly dependent on the critical mass. Thereby all options have to be considered to secure a high utilisation of the trains operated on the trunk lines, including a combined production with intermodal loads. (2) Only comprehensive and complementary measures are able to sustainably improve and preserve the European SWL systems in accordance with increasingly demanding market requirements. The ViWaS project will follow such a comprehensive approach; therefore aiming at the development of

Market driven business models and production systems to secure the critical mass needed for SWL operations,
New ways for “Last mile” infrastructure design and organisation to raise cost efficiency,
Adapted SWL technologies to improve flexibility and equipment utilisation,
Advanced SWL management procedures & ICT to raise quality, reliability and cost efficiency
The applicability of these solutions and their effects will be proved on the basis of pilot business cases (by demonstrations).

Thereby important findings will be gained for a European wide implementation of developed solutions.

The ViWaS consortium includes railway operators (SBB Cargo, Fret SNCF, Bentheimer Eisenbahn), infrastructure providers (Interporto Bologna / IB innovation, technology partners (Eureka, Wascosa) and consulting/ scientific partners (ETH Zürich, TU Berlin, HaCon, NEW OPERA).

Field of Science

/social sciences/economics and business
/social sciences/social and economic geography/transport
/social sciences/economics and business/business and management/business model
/social sciences/economics and business/business and management/commerce

Programme(s)

FP7-TRANSPORT - Specific Programme "Cooperation": Transport (including Aeronautics)

Topic(s)

SST.2012.5.2-1. - Tools and conditions for attractive, efficient and competitive single wagonload traffic and its interaction with road and intermodal transports

Call for proposal

FP7-SST-2012-RTD-1

See other projects for this call

Funding Scheme

CP-FP - Small or medium-scale focused research project

Coordinator
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EUREKA NAVIGATION SOLUTIONS AG

Germany

Address: Bremer Strasse 11, 80807 Munchen

Activity type: Private for-profit entities (excluding Higher or Secondary Education Establishments)

EU Contribution: € 458,146

Website

Contact the organisation

Administrative Contact: Victor Behrends (Mr.)

SNCF MOBILITES

France

Address: 9 Rue Jean-Philippe Rameau, 93200 St Denis

Activity type: Public bodies (excluding Research Organisations and Secondary or Higher Education Establishments)

EU Contribution: € 101,695

Website

Contact the organisation

Administrative Contact: Patrick Lefevre (Mr.)

CONSORZIO IB INNOVATION

Italy

Address: Palazzina Doganale Snc Interporto, 40010 Bentivoglio

Activity type: Research Organisations

EU Contribution: € 94,831

Contact the organisation

Administrative Contact: Sandro Grossato (Mr.)
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<td>NEW OPERA AISBL</td>
<td>Belgium</td>
<td>€ 236 008</td>
<td>Rue Montoyer 31 1000 Bruxelles</td>
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<td>SCHWEIZERISCHE BUNDESBAHNEN SBB CARGO AG</td>
<td>Switzerland</td>
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<td>Centralbahnstrasse 4 4065 Basel</td>
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<td>TECHNISCHE UNIVERSITAT BERLIN</td>
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**Administrative Contact**

- **Franco Castagnetti (Mr.)**
- **Daniel Bürgy (Mr.)**
- **Silke Hönert (Ms.)**

**Website**

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- [Contact the organisation](#)
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WASCOSA AG
Switzerland

Address
Werftestrasse 4
6005 Luzern

Activity type
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(excluding Higher or Secondary Education Establishments)

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Administrative Contact
Irmhild Saabel (Mrs.)

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