

FREIGHTWISE



Newcastle upon Tyne, 30 - 31 October, 2007
Life Centre

1st FREIGHTWISE Conference

ABOUT THE CONFERENCE

The Freightwise project invites you to its first annual international conference.

This will be an opportunity to hear how the project has started, progressed and is developing in many of the key areas of work, focusing on the industrial cases where the Freightwise Framework will be utilised. This is an opportunity to hear how the new Logistics Action Plan incorporating co-modality from the EC DG TREN is developing and is also an opportunity to network with both the 55 research, commercial and industrial partners within Freightwise and the wider ICT and intermodal research community that will attend. The event will be chaired by Tom Zunder, an experienced line manager and intermodal researcher, and will include John Berry from DG TREN as a keynote speaker.

ABOUT NEWCASTLE UPON TYNE

Newcastle upon Tyne (usually shortened to Newcastle) is a large city in Tyne and Wear, England. It is located on the north bank of the River Tyne and was formerly the county town of Northumberland. The city was founded in Roman times under the name Pons

Aelius. The city is the 20th most populous in England; the larger Tyneside conurbation, of which Newcastle forms part, is the 5th most populous conurbation in England. Newcastle is a member of the English Core Cities Group and (with Gateshead) the Eurocities network of European cities. People from Newcastle and surrounding areas are commonly called Geordies.



Newcastle has a reputation for being a fun-loving city with many bars, restaurants and nightclubs. More recently, Newcastle has become popular as a destination for Stag and Hen parties. Newcastle was in the top ten of the country's top night spots, and The Rough Guide to Britain placed Newcastle upon Tyne's nightlife as Great Britain's no. 1 tourist attraction.

Newcastle International Airport is located on the northern outskirts of the city near Ponteland. The airport currently handles over five million passengers per year, and is the tenth largest, and the fastest growing regional

airport in the UK, expecting to reach 10 million passengers by 2016, and 15 million by 2030. As of 2006, more than 80 destinations are available world-wide. Newcastle Central railway station is a principal stop on the East Coast Main Line and Cross Country Route. The station was the first covered railway station in the world and was much copied across the UK. It has a fine neoclassical frontage originally designed by the architect John Dobson and was constructed in collaboration with Robert Stephenson. The station was opened in 1850 by Queen Victoria. Today, train operator GNER provides a half-hourly frequency of trains to London, with a journey time of a little less than three hours. Virgin Trains, Northern Rail and TransPennine Express operate regular services to many other destinations including Birmingham, Bristol, Cardiff, Carlisle, Edinburgh, Glasgow, Leeds, Manchester and Sheffield.

Newcastle also has access to an international Ferry Terminal, located at nearby North Shields, offering services to destinations including Amsterdam, Kristiansand, Stavanger, Haugesund and Bergen. See more at: <http://www.visitnewcastlegateshead.com/>

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ABOUT THE LIFE CENTRE

At Life our mission is to:

- Inspire curiosity in science through an imaginative programme of exhibitions and events, to raise standards in science education for young people and to engage everyone in contemporary science issues, such as climate change and stem cell technology.
- Provide substantial annual funding and state of the art facilities on site to support world class scientific research in medicine.
- We aim to create a vibrant and exciting focus where science is explored and debated in the north east of England.

The Centre provides:

- An exhibition based on the theme of „life“ offering live science shows, an interactive dome theatre, hands on displays and family-based laboratory workshops.
- A schools programme based on a suite of laboratories and debating rooms.
- An annual lecture and debating series featuring popular and respected science communicators.
- Management for the Newcastle Science Festival
- Outreach activities to disadvantaged or under achieving groups in the North east.
- 100,000sq feet of laboratory space providing a campus for world-class, University-based research in stem cell, genetics and regenerative medicine.
- Major conference facilities.

How to get there: <http://www.life.org.uk/info/gettinghere/>

FREIGHTWISE IN A NUTSHELL

FREIGHTWISE is an Integrated Project within the EU's 6th Framework Programme. It began in November 2006 and has a duration of 42 months.

The overall objective of FREIGHTWISE is to promote the modal shift from exclusive road use to intermodal freight transport. The intention is to bring together the sectors:

- Transport Management (shippers, forwarders, operators and agents),
- Traffic and Infrastructure Management (rail, road, short sea shipping, inland waterways), and
- Administration (customs, border crossing, hazardous cargo handling, safety and security)

to support the EU policy objectives related to co-modality, balancing the use of the complete transport infrastructure, and improved interoperability along the intermodal transport chain.

To meet its objectives, FREIGHTWISE will develop a reference model for freight transport which along with supporting mechanisms will be tried and tested in nine business cases.

Central in the FREIGHTWISE approach is the aim of defining the roles that need to interact in order for freight transport to be as efficient as possible through a series of transport operations. A role represents a unique set of responsibilities and is mode independent. It is also independent of managerial and legal concepts and, as such, facilitates change in such aspects when required.

In FREIGHTWISE interactions between roles are being described in a set of generic business processes that cover transport planning, execution, and completion which will define the information that needs to be exchanged between the different participants.

FREIGHTWISE aims to define a complete set of mode independent messages for intermodal transport. The use of these messages will make the cost of engaging in intermodal transport affordable for many new transport service providers, including SMEs.

To make intermodal transport a competitive alternative to road only transport (achieving true co-modality) the available services and their combination into intermodal transport chains must be simple. A pre-requisite for simplification is that all available transport services for the intended combination of origin/destination can be easily found. In air transport, airlines (transport service providers) agreed that the potential gains outweighed the potential losses associated with transparency of their services and have defined all available services in the common Amadeus system. The success of this system means that all transport users or travel agencies use Amadeus to selecting among the single- or multi-leg flight alternatives defined between the given origin and destination.

In freight transport (and passenger transport in general) there is no such transparency of services and costs and the information that is published is not easily available in a standardised format.

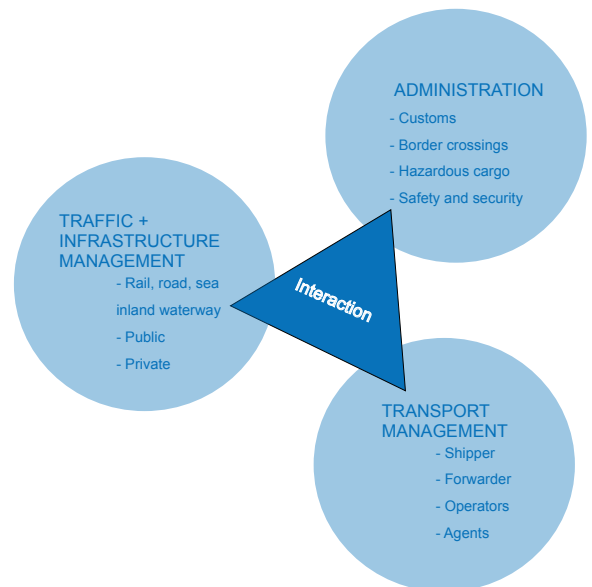
FREIGHTWISE will therefore define a standard specification of transport (and related) services that should be used by service providers to publish and maintain information about their services. Since these descriptions will be standardised, the services defined in the internet emerge as a virtual transport network, and transport users and freight integrators may use this information to select the services that are appropriate in each transport case, much like the operations performed when using Amadeus for organising air transport.

The FREIGHTWISE concepts of:

- Roles to be performed in efficient intermodal transport
- Generic business processes describing interaction between the roles
- Mode independent mechanisms for simplified information exchange in intermodal transport
- Establishing a virtual transport network on Internet

will be tried and tested in nine different business cases. These business cases cover Europe from the Nordic Countries to the Mediterranean and from the Iberian Peninsula to Estonia, the Balkan countries, Greece, and Turkey. Some business cases focus on managing door-to-door freight transport while others aim to simplify border crossings and others again will use information about the status of the transport infrastructure for achieving better utilisation of transport resources.

Two of these conceptual elements may have implications related to policy and need to be communicated properly to the European Commission and Parliament: 1) the use of mode independent mechanisms (messages) for information exchange; and 2) the standard specifications of transport (and related) services for publish information about such services on the Internet. If these concepts are proven successful in FREIGHTWISE, political support will be needed in the process of moving from research to reality.



1st FREIGHTWISE Conference

30 - 31 October, 2007, Life Centre, Newcastle upon Tyne, UK

Chair:



Thomas Zunder
Senior Research Associate
NewRail
Newcastle University



PROGRAMME

30th October 2007

19:00	Conference Dinner
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31st October 2007

09:00	Welcome <i>Thomas Zunder, NewRail, Newcastle University</i>
09:15	Freightwise in the EU Logistics Action Plan <i>John Berry, European Commission – DG TREN</i>
09:55	Intermodal Freight Transport Management – the Freightwise approach <i>Jan Tore Pedersen, BMT Ltd.</i>
10:35	Coffee
11:15	Tracking of rail cars from plant to port: Case A2 <i>Hans Wolf, Swedish National Rail Administration</i>
11:50	Freightwise for intermodal communities: Case D: Central <i>Frank Knoors, Sequoyah International Restructuring N.V.</i>
12:25	Lunch
14:00	Integrating inland waterways in global logistics: Case F: Elbe <i>Dr. Wernwr Knoll, Deutsche Binnereederei</i>
14:35	Integrated management of rolling stock and cargo: Case G: South East <i>Constantinos Antoniou, TREDIT</i>
15:10	Coffee
15:10	Arcelor Mittal: European steel chains logistic: Case H: South West <i>Humberto Moyano, Puerto de Gijón</i>
15:45	Summary and Conclusions of the Conference <i>Thomas Zunder, NewRail, Newcastle University</i>
16:55	Close

<http://www.freightwise.info>



Conference Registration Form

30 - 31 October, 2007, Life Centre, Newcastle upon Tyne, UK

<http://www.newrail.org>

Full Name:	(Please use name as on passport and underline Surname)
Organisation name:	
Address:	
Contact Tel No.:	
Email address:	
Are you attending the conference on the 31 st October?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are you attending the dinner on the evening of the 30 th October?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Special Needs (Dietary/Accommodation)	

The event is free of charge but requires prior registration, please complete this form and fax to +44 191 222 5821 or complete online at <http://www.freightwise.info/conference-registration> or contact karen.mctigue@ncl.ac.uk for help