

# Regional Logistics Competence Centers

*The members of Open ENLoCC*

open  
ENLoCC

European Network of Logistics Competence Centers

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## Preface

A flock of cranes on the title page – they all move individually, and yet the efficiency of their moves increases by joining the group. This could be a symbol for Open ENLoCC, the European network of regional logistics competence centers.

Open ENLoCC is an open network of regional logistics competence centers in the field of logistics, run by public authorities or similar bodies. The main task of the network is the international exchange of experience and knowledge between its participants and the promotion of a higher level of cooperation with European institutions.

The members of Open ENLoCC also work together on common projects with the aim to develop the regional economy by solving infrastructural, organisational and technological problems of logistics and transport. Dissemination of the results of the network activities and the best practices takes place on a wide scale, involving all the key bodies at EU level.

In this brochure, our members present themselves to the interested public. Open ENLoCC invites other regional competence centers in the field of logistics to join.

***Alberto Preti***

President of the Board

***Martin Brandt***

Secretary

open  
**ENLoCC**  
European Network of Logistics Competence Centers

Open ENLoCC  
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## The Story of Open ENLoCC

Many people would be surprised on how much logistics and its indirect effects weight on the regional and national GDP. Therefore, there are many good reasons for a regional logistics cooperation center:

- ✓ Logistics activities have a great effect on employment.
- ✓ Logistics jobs for the most part will not be shifted to other countries.  
Therefore, logistics jobs are more secure than industrial jobs.
- ✓ For more demanding logistics activities, the required qualifications must be available.
- ✓ Goods mobility is a precondition for a thriving economy and good consumption in Stuttgart's conurbation.
- ✓ Extent and organization of goods transport is much less documented than passenger transport.
- ✓ Traffic growth can only be controlled by knowing about the economic causes.
- ✓ Traffic shift from road to rail is no sure-fire recipe for success.

By its nature, logistics is interregional, so that contact partners are needed across Europe. When the first regional logistics competence centers started their work, they were soon looking for partners in other regions of Europe. This led to the ENLoCC project, supported under the Interreg IIIC program of the European Union from 2004 to 2007, under which such cooperation was first established.

In 2006, the original project consortium of five members (all still active within Open ENLoCC) called for further interested parties and founded the "Open ENLoCC" network with 11 members across Europe.

After the end of the European Union financial support, the network is self-supporting through membership fees and activities. Among these are a yearly workshop within the General Assembly to transfer project ideas and to give feedback on member projects, regular events in Brussels on logistics related topics, and the quarterly "European Review of Regional

Logistics.” This leads to much formal and informal exchange, cooperation projects among members and even exchange of staff.

All members were successfully engaged in projects. Open ENLoCC represents work results from literally hundred such projects! Much of the project results is increased knowledge, which can be found both in the project documents and in the minds of the project participants. While a wide range of this knowledge is open to the public, it has been found that it all too often is not much debated after the end of a project. Open ENLoCC members take pride in communicating results, also after the end of project lifespans. They encourage all interested parties to contact members individually or via the secretariat on any issue that may improve by using existing knowledge. Use our sectorial and regional competences!

Open ENLoCC is interested in members from all regions of Europe to join as regional logistics competence centers.

On the following pages, our current members present themselves.





## Centre for Maritime Studies (CMS)

Turku, Finland • 30 employees, founded in 1980

Brahea Centre at the University of Turku.

- ✓ **Maritime and intermodal logistics**
- ✓ **Maritime industries, ports, maritime safety and environmental impacts**
- ✓ **Continuing education and conferences in maritime field**



*The Centre for Maritime Studies (CMS) with its 30 employees is one of the leading providers of research, consulting and education services in the field of maritime and logistics sectors, both nationally and in the Baltic Sea Region. CMS serves both the public and private sector. The main fields of expertise include shipping and ports, logistics and transport infrastructure, marine industry, environmental impacts of transport, and the role of logistics in regional development. CMS has been a coordinator/partner in several research projects funded by EU-programmes and the Commission, the Finnish Funding Agency for Technology and Innovation, Academy of Finland and by the corporate world. Annual volume of research activities includes approximately 30 research projects and produced 60 publications (of which 1/3 scientific referee articles).*



✓ **Maritime and intermodal logistics**

Including research projects, for example, related to

- Logistic chains and transport corridors
- Infrastructure issues
- Port – hinterland connection studies

✓ **Maritime industries, ports, maritime safety and environmental impacts, including**

- Maritime cluster reviews of several European countries
- Market reviews and estimations of cargo throughput and maritime traffic of the ports in the countries located in the Baltic Sea Region
- Regional economic impacts of port activities
- ICT and work processes in ports, e.g. Port Community Systems - Transit traffic and Russian ports
- Cost-effectiveness of environmental regulation

✓ **Continuing education and conferences**

Both domestic and international, in the maritime field, targeted at people in the industry

- Annual volume: a dozen short courses and 10 conferences with 1400 participants

CMS is a part of Brahea Centre, an independent institution of the University of Turku, Finland. We are searching for project partners in the fields of intermodal transport and maritime related logistics.



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## **CRITT Transport et Logistique**

*Le Havre, France • 9 employees, founded in 1993*

- ✓ **Technology transfer in the integration of traceability solutions**
- ✓ **Project management in Research Development Logistics**
- ✓ **Consulting in logistics optimization (mapping tools, 3D simulation)**



*Through technology transfer and consulting missions, we assist companies towards improving their logistics. Our missions affect all areas of the company; supply, production, storage and distribution.*

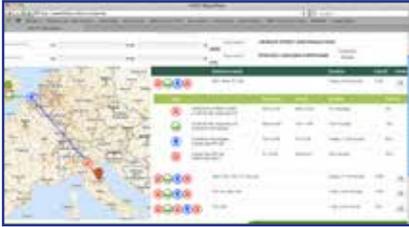


- ✓ **Technology transfer in the integration of traceability solutions**

KUSMI Tea: Process standardization of the brands and relocation of its warehouse. In this project, CRITT T & L is responsible for defining the optimal process set up in the new warehouse and interactions with the production, for writing the specifications of the WMS (warehouse management software), for launching the tender and for modelling and optimizing critical processes.

- ✓ **Project management in Research Development Logistics**

RORO Max: Supported by the State and the Region Haute-Normandie, RORO Max is an innovative project aiming at increasing the competitiveness and development of the roll on-roll off traffic terminal in Le Havre. This collaborative approach to quality improvement is to optimize the overall activities of the roll on-roll off terminal: better management of physical flows at the terminal and administrative process, offering new services to customers, use of innovative technologies, management and reorganization of infrastructure.



CENTRO DI RICERCA  
PER IL  
TRASPORTO E LA LOGISTICA



SAPIENZA  
UNIVERSITÀ DI ROMA

## CTL – Centre for Transport and Logistics, Sapienza University of Rome

Roma, Italy • 20 employees, founded in 2003

- ✓ **Research and consultancy on transport and logistics**
- ✓ **Transport and logistics regional and local planning**
- ✓ **Monitoring and assessment of vehicles performances**



*CTL is dedicated to research and development, consultancy, education, and training. Its activities encompass basic research on transport systems and logistics and practical applications for government and industry. The main sectors of activity are: urban transport, logistics and freight transport, road safety, and innovative transport systems.*

- ✓ **Research and consultancy on transport and logistics**

CTL has been realizing several projects at national and international level. Among the most recent: Be-Safe (2013-ongoing). CTL is coordinating an action to define masters' courses on transport safety in Belarus; CityMobil 2 (2012-ongoing). CTL is coordinating a main European funded project on demonstrations of automatic



transport systems in diverse cities. With a budget of more than 9 million euro, it involves more than 40 partners; Green eMotion (2012-ongoing). CTL is involved in this European funded project with the aim is to make possible the mass development of electro-mobility in Europe by means of the development and demonstration of common technological solutions connected to a sustainable financing platform.

#### ✓ **Transport and logistics regional and local planning**

CTL has been realizing local, regional and national plans on transport and logistics. The most recent is the Regional Mobility Plan of the Lazio Region (2013-ongoing). On behalf of the regional government the plan includes both passengers and freight transport and elaborates a long-term strategy for the development of sustainable and adequate mobility in the regional territory. Based on the investigation of the demand, its trend and the needs of people and industries, the plan defines a series of priority actions and evaluates feasibility both at financial and technical level.

#### ✓ **Monitoring and assessment of vehicles performances**

CTL developed a fleet management system tool, complemented by business intelligence applications to monitor and assess vehicle performances at energy and environmental level. By means of this tool several LEV have been tested and evaluated in real field conditions, both for passengers and freight transport. The system has also been adapted to measure vehicle behavior in processes of city logistics planning and evaluation.



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## **Entwicklungsagentur Kärnten GmbH**

*Klagenfurt, Austria • 13 employees, founded in 1991*

- ✓ **One-stop-shop investor service**
- ✓ **Management and development of industrial parks and innovation centers throughout Carinthia**
- ✓ **Project experience of regional and international projects**



*Our aim is to create new and high added value jobs in Carinthia. The Entwicklungsagentur Kärnten GmbH (EAK) offers comprehensive know-how for the set up and/or expansion of a company in Carinthia - from the choice of suitable locations up to employee recruitment. Furthermore the EAK is responsible for logistic issues in Carinthia.*

### ✓ **One-stop-shop investor service**

First business address for international investors and companies, with

- provision of economic, regional and sector-related data customized to the company and its future location,
- development of suitable suggestions on locations,
- coordination of funding and authorization procedures,
- support in recruiting and training,
- making contact with cooperation partners such as banks, tax advisers and other important partners,
- continuous support during expansion activities, staff searches or attendance at trade fairs.

### ✓ **Management and development of industrial parks and innovation centers throughout Carinthia**

We are responsible for the management and development of six industrial parks and

innovation centers throughout Carinthia. You will find modern office and production space in them, as well as generously-sized plots of land on which to build, with all utilities already in place. There are currently about 123 companies employing some 3.500 staff successfully located in our parks.

✓ **Project experience of regional and international projects**

In Udo Tarmann's responsibility is the operative implementation of logistic topics according to the Logistic Master plan of Carinthia. He is also responsible for the management of industrial parks in Carinthia. EAK is coordinator of the FP7 project "LOG4GREEN – Transport Clusters Development and Implementation Measures of a Six-Region Strategic Joint Action Plan for Knowledge-based Regional Innovation" with partners from all over Europe as well as the Ukraine and Turkey. Furthermore we are project partner in the Alpine Space Project "Sustainable Freight Transport – Now and tomorrow".

**Carinthian's core businesses:**

- electronics and microelectronics,
- renewable energy and environmental technology,
- wood and paper,
- machine-building, metal processing,
- information and communication technology (ICT),
- tourism,
- logistics.



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## **i-Fret**

*Dunkerque, France • 3 employees (i-Fret),  
i-Fret innovation platform founded in 2010,  
i-Trans Association (ex-TTP) founded in 1995*

i-Fret innovation platform for intelligent freight (by i-Trans Association)

- ✓ **Assistance in conceptualization, setting up and realization of collaborative innovation projects in the transport & logistics sector.**
- ✓ **Federating all the competences of the territory by bringing together companies (all sizes and forms), academics (public research) and institutions in order to find innovative and intelligent solutions to current freight problems.**
- ✓ **Technical and strategic council in terms of (IT) interoperability, territorial smart specialization in the freight domain and innovation ecosystem in France and Europe.**



*i-Fret and all the other i-Trans Association's programs act as catalysts for innovation in the domain of transport systems (i-Fret specializing in the freight sector). Our common approach is collaborative innovation, our goal competitiveness through smart and innovative solutions.*

### ✓ **Collaborative innovation projects**

We accompany project holders from the definition of their idea to the constitution of the partnership, from the application for competitiveness cluster label(s) to the identification of financial aid, and if necessary participate in the project as technical and/or administrative manager.

✓ **Competencies federation**

We bring together companies, academics and institutions in innovation projects and through other meetings, initiatives and communications in all our actions.

✓ **Technical and strategic council**

Interoperability as a competitiveness vector especially for SMEs, light freeware solutions for data exchanges in the supply chains, smart specialization strategies articulated around concrete innovation initiatives, creation and animation of innovation ecosystems.

We are interested in exchanging with similar organizations active in the building/animation of innovation ecosystems and in applied policies on regional level. We are open for suggestions for collaborative innovation projects and can offer help especially in the domain of finding suitable partners in our region.



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Institut Logistyki i Magazynowania

## **ILiM Institute of Logistics and Warehousing**

Poznań, Poland • 168 employees, founded in 1967

- ✓ **Logistics**
- ✓ **ICT and e-business**
- ✓ **Standardization**



*ILiM (Institute of Logistics and Warehousing) is a state owned R&D unit, and Poland's first centre of competence in logistics, e-business and standardization. We are an interdisciplinary unit where logistics, e-business and standardization are perceived as both a subject of research as well as the field of practical application. Consequently, activities carried out in the Institute embrace both organisation and technology. The Institute is the leading Polish supplier of up-to-date solutions supporting management of both materials and information flows. We have a substantial national and international network of partners and contacts both in industry and academia. We co-operate on logistics matters with the Polish Ministries of: Economy, Finance, Health, Interior and Administration, Justice, Regional Development, Science and Higher Education, Transport.*



### ✓ Logistics

The Institute's areas of competence embrace logistics & supply chain management including logistics processes, transport system designing and optimization, intermodal transport systems, optimization of distribution networks, etc. We are specialists in intermodal transport systems, co-modality, logistic processes and costs analysis, transport systems designing and optimization, ITS, supply chain management, tracking & tracing systems and many others.

### ✓ ICT and e-business

ILIM provides solutions within e-business, IT & data communication, covering warehouse management system, implementation of EPC/RFID solutions and GS1 standards and solutions. The ICT research activity conducted by ILIM is focused on the application of modern AIDC technologies in logistics and trade between businesses, active participation in development of standards for EPC Global based supply chain solutions and last but not least design and development of complex IT platforms. At present ILIM research interests are driven by the social and technological change in consumer-brand relationship. ILiM produced a pilot barcode scanner Android application to study potential of virtual services linked to a barcode.

### ✓ Standardization

We are a national organization of GS1. GS1 is a fully integrated global organisation with over 30 years experience in global standards and offers a range of products, services and solutions to fundamentally improve efficiency and visibility of supply and demand chains.



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## **Institute for Transport and Logistics Foundation (ITL)**

*Bologna, Italy • 13 employees, founded in 2003*

- ✓ **Transport and logistics policy making**
- ✓ **City logistics**
- ✓ **Regional logistics**



*ITL is a nonprofit research institute developing research, consultancy and training activities in the transport and logistics fields. ITL has a mission to support policy making in Emilia-Romagna region and fostering logistics competitiveness through regional and international cooperation.*

- ✓ **Transport and logistics policy making**

ITL has a competence to support local and regional authorities in their strategic choices, logistics policies and plans in transport and logistics. ITL has developed the freight part of the Emilia-Romagna Regional Integrated Transport Plan 2010-2020 and the Regional Law on incentives to rail freight transport, as well as supported local authorities in logistics pilots in industrial areas. ITL accompanies authorities in the definition, set up and monitoring of their policies with qualitative and quantitative techniques. This activity is also complemented by significant EU projects work in the fields of transport corridors development (e.g. SONORA, BATCo).

- ✓ **City logistics**

City logistics is a historic competence of ITL, which has developed operational and research projects in cooperation with operators (e.g. DHL) and public authorities. The expertise of ITL both is rooted in the regional context (cooperation with Emilia-Romagna Region and Municipalities) and has an international profile. ITL is an Associated research Center, the

only Italian, of the Volvo Research and Education Foundations Center of Excellence on Sustainable Urban Freight Systems. Among the latest EU projects are: SUGAR, in which ITL coordinated 17 partners of 10 countries, C-LIEGE, ECOSTARS, SMILE, SUCCESS and NOVELOG, which contribute to the local and EU policies in urban freight.

### ✓ Regional logistics

This competence of ITL is a complex one and concerns different domains: consultancy to logistics companies and nodes, business cases for new transport services development, ICT pilots for supply chain management, logistics solutions for specific sectors (agro-food, healthcare, automotive). ITL delivers research and solutions to companies and nodes, with reference to rail, road and maritime transport, to support the regional logistics system competitiveness. Among the EU projects: CASTLE, KASSETTS, FUTUREMED, CO-EFFICIENT, airLED, SEE-ITS, FREIGHT4ALL, ESSENCE, DEN4DEK, EM-PIRIC, ENERGYVILLAB, SCOTCH Marco Polo, EASYCONNECTING.

ITL is also deeply involved in logistics training, delivering courses and being founder of the ITS High School on Sustainable Mobility and Logistics. ITL has held the Presidency of Open ENLoCC since 2006.

We are searching for further strengthening of our international cooperation and for establishing projects and stable cooperations with other EU and world competence centers in logistics (with an open eye also on passenger transport, on which ITL is active).



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## **KLOK Kooperationszentrum Logistik e.V.**

*Kornwestheim / Stuttgart • 4 employees, founded in 2008  
(Forerunner KLOK GmbH: 2000)*

- ✓ **Regional logistics competence**
- ✓ **Regional logistics projects**
- ✓ **Interregional and European cooperation on understanding and improving logistics flows**



*Kornwestheim and the Stuttgart Region in general are known for their agglomeration of logistics experts. The Cooperation Centre Logistics (KLOK) networks the important people and organizations working in this field, thereby providing access to much innovative knowledge about the optimal use and control of logistical processes. It is set up by the region and some municipalities, together with further institutions interested in logistics. With its competence, it serves as interface between the regional economy, administration and politics, and it runs the state-wide logistics network with its partners. This not only leads to considerable cost control advantages, but also to a reduction of commercial traffic and land use.*

### ✓ **Regional logistics competence**

There are many good reasons for a logistics cooperation center:

- Logistics activities have a great effect on employment.
- Logistics jobs for the most part will not be shifted to other countries.
- Therefore, logistics jobs are more secure than industrial jobs.
- For more demanding logistics activities, the required qualifications must be available.
- Goods mobility is a precondition for a thriving economy and good consumption in Stuttgart's conurbation.
- Extent and organization of goods transport is much less documented than passenger transport.

- Traffic growth can only be controlled by knowing about the economic causes.
  - Traffic shift from road to rail is no sure-fire recipe for success.
- KLOK works along these lines in regional projects.

#### ✓ **Regional logistics projects**

KLOK did and does a large number of regional projects in the field of logistics:

- The logistics network Baden-Württemberg „LogBW“. It provides an easy access to existing competences in the field of logistics in Baden-Württemberg, strengthens the transfer of innovation as a platform for coordinated cooperation between economy and science, improves the public perception of logistics, intensifies internationalization, and creates in this way clear benefit to all stakeholders, especially to SMEs.
- The survey of interfaces between road and rail resp. waterways in Stuttgart region, their actual use and their potential for the de-velopment of logistics in Stuttgart Region.
- Initialization and participation in local and regional goods mobility circles, to improve the flows of goods within Stuttgart Region.

#### ✓ **Interregional and European cooperation on understanding and improving logistics flows**

KLOK has taken part in a larger number of international projects, mainly within the Interreg and Intelligent Energy programmes. Among them are ENLoCC, AlpFrail, TraLoTra, Transitects, SusFreight and C-LIEGE. KLOK serves as secretariat of the Open ENLoCC network. KLOK is interested in interregional knowledge exchange and cooperation, regarding all fields of logistics.



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**Kouvola Innovation**

## **Kouvola Innovation Ltd.**

*Kouvola, Finland • 50 employees, founded in 2009*

- ✓ **Railway logistics capital of Finland with 150 years background of this business**
- ✓ **Intermodal logistics, port-hinterland functionality and transit traffic**
- ✓ **Leading Finnish Railway sector vocational education center**



*Kouvola Innovation Ltd (Kinno) is a business development company owned by the City of Kouvola. Kinno is the top level operative business development actor in the region. The City of Kouvola represents the backbone of the Finnish wood processing industry. Their factories produce over million tonnes of paper and 600 thousand tonnes of cellulose every year.*

*Kouvola is the railway logistics capital of Finland, by virtue of having the largest operational freight yard in the country and the best international railway connections.*



✓ **Railway logistics capital of Finland, Transport & logistics cluster of over 200 companies**

Kouvola is the railway logistics capital of Finland with 150 years background of this business. It is the northernmost main railway node of the TEN-T network, a unique EU gateway to Russia and Asia, with eastbound and arctic corridor connections.

✓ **Intermodal logistics, port-hinterland functionality and transit traffic**

As a result of its hub function, Kouvola hosts over 200 logistics companies, and the Kymenlaakso region as a whole acts as the home for over 500 companies, including the freight port of Hamina Kotka on the south coast. They have started the Rail Road Terminal project with the Finnish Ministry of Transport & Communications, a 200M€ EU funded investment on infrastructure, for extension and modernization of the Kouvola Freight yard and terminal area.

✓ **Leading Finnish Railway sector vocational education center**

Kouvola is the center of Finland's vocational education in the field of railroading. Beyond these current tasks, Kouvola Innovation Ltd. hosted the "Railforum 2015", the industry's leading seminar on East-West railroad logistics. The Rail Forum is organized every other year as a top level seminar on East-West railroad logistics.



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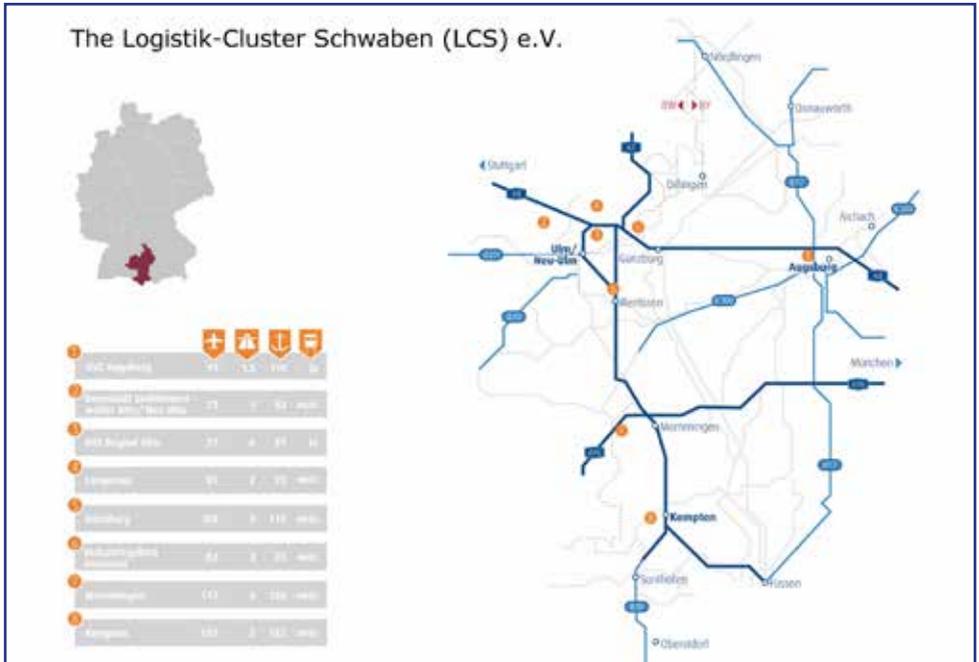
## Logistik-Cluster Schwaben (LCS) e.V.

Augsburg, Germany • 1 employee, founded in 2011

- ✓ representation of interests
- ✓ knowledge exchange
- ✓ logistics marketing



The Supply Chain Region Swabia is the logistics and production hub in Southern Germany. Swabia is perfectly connected and meets all needs of modern production, supply chain management and distribution. Get to know Swabia and talk to us about your logistics.freight yard in the country and the best international railway connections.



Logistics fulfills a central role for the whole economy. Almost all branches in the supply chain such as production, distribution or trade depend directly on a powerful logistics. This is especially valid for a region with a higher-than-average industrial stocking as the Region of Swabia, which is a “hidden champion” among the German logistics locations. A study by the Fraunhofer Institute of Supply Chain Services (SCS) in May 2009 ranked the Swabia Region among the 18th top logistics regions in Germany that meet a defined set of criteria. For example: An above average number of people in Swabia are already working in logistics and this share is growing disproportionately fast.

As a result logistics is a major advantage in this region: As the strongest economic region of Germany outside of metropolitan areas it offers the best conditions for the needs of the manufacturing industry. This strength needs to be strengthened - in a network of logistics companies, logistics related industry, science and the municipal business promotion. Their interests, such as the development of infrastructure or securing of human resources, should be bundled to tackle common challenges and by this will strengthen the economic region itself. As the study of Fraunhofer SCS has shown the cities of Augsburg and Ulm with its surrounding regions have the same importance as the other large logistics regions of Germany. To a large extent this is because they are complementing each other in their functionality instead of competing.

The objective of the Logistik-Cluster Schwaben (LCS) e.V. is to co-operate with universities, local authorities, economic development agencies and other partners to give the logistics region of Swabia a sharp profile in addition to its proven high potential. It also aims to improve its perception by the politics and the public on a regional, national and international level.



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## **Logistics in Wallonia**

*Liege, Belgium • 6 employees, founded in 2006*

- ✓ **SUPPORT FOR INNOVATION PROJECTS IN R&D AND TRAINING**
- ✓ **NETWORKING ACTIVITIES**
- ✓ **INTERNATIONALIZATION OF THE NETWORK**
- ✓ **COMPETITIVENESS AND VISIBILITY**



*The service offer of Logistics in Wallonia is articulated on 5 main axes: innovation, business community, human capital management and development, internationalization and marketing & communication. Our philosophy leans on a preoccupation to provide regional actors with the most complete service possible, from simple questions or contact needs to more complex issues or industrial needs.*

Logistics in Wallonia's vision consists in making the image of Wallonia ever better and stronger as a major European logistics platform.

### ✓ **SUPPORT FOR INNOVATION PROJECTS IN R&D AND TRAINING**

As a regional Competitive Cluster, Logistics in Wallonia provides its network with a support in building innovation projects whose purpose is to increase the competitive capacity of companies. The Cluster encourages and helps the implementation of active consortia composed of industry and scientific representatives, leading together an innovative idea from research to market and focusing on R&D or on training activities. Since it was created, the Cluster has supported the funding of 16 innovation projects involving 81 different actors (SMEs, big companies, research centers or academics) for a total amount of 60M€, including around 40M€ of public investment.

## ✓ NETWORKING ACTIVITIES

Nothing would be possible in innovation activities without the existence of a solid base of competent actors. That's why Logistics in Wallonia gives a very high importance in keeping up its 300 members' network through dedicated activities: company visits, information sessions, specialized workshops, regional and international fairs participation... Every effort is made to facilitate information distribution, ideas sharing, experience and best practices exchanges as well as community spirit feeling!

## ✓ INTERNATIONALIZATION OF THE NETWORK

Logistics in Wallonia strongly encourages its network members to get international fame: not only for developing commercial activities but also to take part in a broader promotion of regional logistics expertise. Taking part in various international peer networks as well as in dedicated international working groups, Logistics in Wallonia attaches importance to defend the regional economic interest at an international scale. The Cluster also encourages and technically supports the participation of its members to international collaborative projects in order to increase their funding capacities and to facilitate the emergence of innovation in the field.

## ✓ COMPETITIVENESS AND VISIBILITY

As a Competitive Cluster acting for innovation and focusing on added value services, we are constantly searching for new collaboration, interesting knowledge exchanges, new challenges and partnerships. If you want to be part of our experiences, do not hesitate to contact us!



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MALMÖ UNIVERSITY

## Malmö Högskola

*Malmö, Sweden • 1400 employees at Malmö University,  
100 at Dept. of Urban Studies, founded in 1998*

Malmö University, Department of Urban Studies / Transport Management

- ✓ **Education**
- ✓ **Research**
- ✓ **Societal Collaboration**



*Dept. of Urban Studies carries out multidisciplinary teaching and research with the goal of building sustainable and attractive cities. This includes Transport Management, Logistics, Supply Chain Management, Economics, and Business Administration. Urban Studies interacts actively with municipalities, companies, regions and research networks.*



### ✓ Education

The Bachelor Programme Transport Management is a multidisciplinary three year education for the transport and logistics trades, focusing on Transport and Logistics, Business Administration, Environmental Sciences, ICT and Law. About 50 students graduate annually.

### ✓ Research

Examples of research activities: Urban Studies/Transport Management is and has been part of several research projects within Transport and Logistics. Examples are the Interreg IIIa project Strategic Transport Management in the Öresund Region (STMÖ) on barriers to transport integration between Denmark and Sweden (5 publications) and the Interreg IVa project Öresund EcoMobility on sustainability policies for Transport and Logistics (1 publication). Urban Studies/Transport Management focuses its research activities on City Logistics, Urban Transport, Policy making for Transport and SCM, applying a multi-stakeholder perspective.

### ✓ Societal Collaboration

Urban studies/Transport Management is an active partner in several bodies of society related to Transport and Logistics. For example: Member of the Local City Logistics Network of Malmö, and member of the board of the Regional Logistics Cluster Network of the Region of Scania (both with multi stakeholder participation).

The Department of Urban Studies is open for future project partnerships within the field of City Logistics and related areas.



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## **MOBI**

*Brussels, Belgium • 62 employees MOBI (2015), 3,226 employees Vrije Universiteit Brussel (2013), founded in 1969*

Vrije Universiteit Brussel – MOBI (Mobility, Logistics and Automotive Technology Research Group)

- ✓ **Education**
- ✓ **Research**
- ✓ **Societal Collaboration**



*MOBI is leader in socio-economic evaluations and electromobility. It addresses the challenges that the transport value chain faces from various points of view, by integrating the engineering, economy, policy, sociology & environmental sciences. It delivers Impact Studies, Decision Making Support, Modeling & Simulation, Engineering and Standardization.*

### ✓ **Sustainable Mobility**

MOBI is expert in sustainable mobility and has proven track record on travel behaviour and modal choice. It performs socio-economic evaluations of mobility policies and strategies. The evaluation techniques include Social Cost Benefit Analysis (SCBA), Life Cycle Analysis (LCA) and Multi-Criteria Analysis (MCA). The Multi Actor Multi Criteria Analysis (MAMCA) developed by MOBI is a decision-making software that explicitly includes at early stage different stakeholders' opinions simultaneously in the evaluation of different alternatives (policy measures, scenarios, technologies, etc.).

### ✓ **Sustainable Logistics**

MOBI has extensive expertise in the field of intermodal transport and city logistics. Several projects on the European, Belgian, Regional and city level have been executed on how

to make freight transport more sustainable. A specific external costs calculator for transport activities (ECC) enables to translate in monetary terms the external costs (congestion, accidents, noise, air pollution, climate change, loss of space, etc.) imposed on the society by transport infrastructure and up- and downstream processes making straightforward comparability across a range of projects.

### ✓ Electric & Hybrid Vehicles

MOBI has expertise of over 40 years in electric vehicles R&D. The group possesses state-of-the-art infrastructure and models for the testing, development and design of components - batteries, super-capacitors, power converters -, vehicle power trains, and inductive and conductive charging infrastructure. Simulation techniques have been developed to define energy-efficient and low-emission power control strategies in hybrid propulsion systems. The Battery Innovation Center for automotive, off-highway, rail & industrial applications allows private and public organizations to benefit from the expertise and extensive international network that MOBI has gathered during the past years on rechargeable energy storage systems.

MOBI possesses considerable expertise in the scientific and operational management of multi-partner research projects as it acts as coordinator in several major European projects. We are searching for industrials, governments and academics with a need for research collaborations, consulting services or trainings. The strength of MOBI resides in proposing a unique combination of socio-economical, environmental & technical competencies, together with tools specifically developed for the sustainable transport sector.



#### **Contact**

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MoWiN.net **MoWiN.net e.V.**



Kassel, Germany • 9 employees (130 members), founded in 2004

MoWiN.net e.V. / Regionalmanagement Nordhessen GmbH

- ✓ **Cluster and Innovation management**
- ✓ **Project development and Project management**
- ✓ **Event and Cooperation management**



*MoWiN.net is a business network covering the sectors Logistics, Automotive, Public transport, Railway technology, E-Mobility and Mobility management. It is based at the Regionalmanagement Nordhessen GmbH and part of the Mobility Cluster. Founded in 2004, it represents the interests of 130 members with about 60.000 employees and over 9 Billion € turnover per year.*

*MoWiN.net is the platform for regional cooperation organizing events, match-makings and working groups. The network is also developing innovation projects on regional and transnational level and experienced in communication and dissemination of publicly funded projects.*



The main task of MoWiN.net is the support of regional companies with the aim to work on innovative ideas and products to enhance the regional supply chain.

### ✓ **Project development and Project management**

MoWiN.net is very experienced in translating new ideas into new projects: By organizing and moderating working groups, new projects, campaigns or events are being developed. Besides the regional initiatives, several EU projects have been developed in the past. For example, Regionalmanagement/ MoWiN.net are lead partner of the NISTO project (Interreg IVB [www.nisto-project.eu](http://www.nisto-project.eu)).

### ✓ **Event and Cooperation management**

In transnational projects, MoWiN.net/ Regionalmanagement is always happy to implement communication and dissemination tasks, such as e.g. in the ENEVATE project: [www.enevate.eu](http://www.enevate.eu). Concretely, this entails the coordination and implementation of project partner meetings, events, exhibitions and the design and dissemination of communication material, websites etc.

We are searching for partners for international / transnational projects on logistics (low carbon urban transport, optimization of supply chains, city logistics, industry 4.0, innovative logistics, green transport and eco-labels for logistics, SME support, automated road transport).



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- ✓ **Rail Freight: Research – Education - Consultancy**
- ✓ **City Logistics: Research – Education - Consultancy**
- ✓ **ICT & Transport Logistics: Research – Education - Consultancy**



*NewRail's delivers university research, education and consultancy to meet the complex technological and managerial challenges of industry, operators and customers. At national and international level we have strong links with policy makers, operators, manufacturers, across Europe and beyond, and are globally recognised and respected through innovation, engineering and logistics excellence.*

### ✓ **Project Experience**

NewRail has extensive experience in coordinating and participating in collaborative research within the European Union's Framework Programmes for Research and Development (FP4, FP5, FP6, FP7 and H2020), including Marie Curie Networks, Intelligent Energy Europe and transatlantic cooperations. More specifically, our extensive work includes:

- Development of cleaner urban freight (CITYFREIGHT, BESTUFS I and II, CLEANER-D, BESTFACT, SMARTFUSION, SMARTSET)
- Railway Freight research (CAPACITY4RAIL, SPECTRUM, SUSTRAIL, D-RAIL)
- Development and demonstration of suitable intermodal transport solutions in a range of business cases (Freightwise); Development of interoperable ICT technologies for freight management (eFreight)

## ✓ Publications

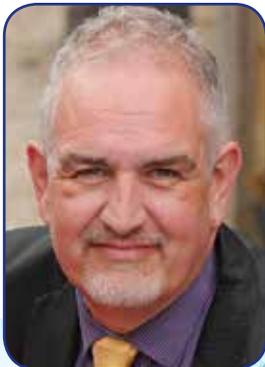
NewRail has a wide portfolio of journal, conference and trade magazine publications often written in collaboration with industry and project partners. Specific examples include:

- Zunder TH, Islam DMZ, Mortimer PN, Aditjandra PT. (2013) How far has open access enabled the growth of cross border pan European rail freight? A case study. *Research in Transportation Business & Management*, 6, 71-80.
- Österle I, Aditjandra PT, Vaghi C, Grea G, Zunder TH. The role of a structured stakeholder consultation process within the establishment of a sustainable urban supply chain. *Supply Chain Management: An International Journal* 2015, 20(3), 284-299.
- Islam, D.M.Z. and Zunder, T.H. (2013) Issues of eLogistics Applications for Varying Stakeholders: Findings from an Online Survey; *European Transport Research Review: An Open Access Journal*, February, Vol. 5, No. 2, pp. 65-78.

## ✓ Impacts

Examples of high impact research include:

- The design and development of a Trans EU rail freight service concept run by private operators. The rail freight service remains in commercial operation, with extended routes and service offerings, three years after project finalisation.
- An urban freight initiative to reduce delivery vehicles on campus, wherein deliveries are redirected to an off-site consolidation centre and distributed throughout the University using an all-electric vehicle. The pilot scheme is now being converted into a real-world, on-going initiative.



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## **Pannon Business Network Association (PBN)**

*Szombathely, Hungary • 17 employees, founded in 2006*

- ✓ **Logistic corridors, integrated information systems**
- ✓ **Transmodality, research and economic analysis**
- ✓ **e-mobility, innovative, advanced technological transport solutions**



*Pannon Business Network Association, as a regional economic development NGO, aims at boosting the competitiveness of Western Hungary by strengthening the business performance of small and medium sized companies. Having over 300 European Union partners in the realized partnerships, completed projects and contracts, PBN has the motivation to translate the insights into the benefit of its own region and for the others.*

### ✓ **Logistic corridors**

Traffic corridor from the Balkan to the Baltics – it targeted at how to exploit logistic infrastructure possibilities and boost added value for logistic service providers – B2B Loco project – FP7- SST- 2008- RTD-1.

Benefit from the proximity of Northern Adriatic seaports – it focused on how to visualize by facts the traffic flow in this direction, what goods and services can be utilized and emphasized – EMPIRIC project – Central Europe Programme.

Balkan and Central Europe – with focus on logistics, the ways and best practices to support economic integration between the two regions – ADB Multiplatform – South-East Europe Programme.

Involvement of seaports into inland river ports operation – activity is realized via a pilot project for integrated information system for all relevant players, to monitor dangerous goods shipments – SEEMariner project – South-East Europe Programme.

### ✓ **Transmodality**

Job creation scenarios resulting from a 20% increase in inland waterway transport on the Danube by 2020 (compared to 2010), both for cargo and passengers – DG Regional and Urban Policy, Contract No. 2013CE160AT03.

Utilization and promotion of inland river ports – what factors can contribute in a measurable way to argue for the water-based modality, along the Danube river – WATER-MODE project- South-East Europe Programme.

Calculation of transmodality benefits – analysis of funding schemes for transport infrastructures, public, PPP models, for the transmodality versus singular transportation – EMPIRIC project – Central Europe Programme.

Training and education of logistic industry players – logistic excellence via improved human resources, via joined, international effort – CASTLE project – INTERREG IVC Programme.

### ✓ **E-mobility**

Hydrogen-engine buses – Innovative, advanced solutions, utilization of natural resources for environment-friendly transportation system – West Pannon Regional Operative Program.

E-bikes – installation of e-bike network to reinforce green image and contribute to regional positioning – West Pannon Regional Operative Program.

We are eager to continue our committed work in the field of logistics, with the high quality and focused partnership, ensured by the framework of Open ENLoCC.



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Faculty of Civil Engineering,  
Transportation Engineering  
and Architecture

## University of Maribor, Faculty of Civil Engineering, Transportation Engineering and Architecture

*Maribor, Slovenia • 90 employees, founded in 1960*

- ✓ **Conducting research and studies in the field of transport and logistics**
- ✓ **Management and co-ordination of national and international projects**
- ✓ **Organization of workshops and events in the field of transport research**



*Transport Economics Centre (TEC) is a research centre within University of Maribor, Slovenia. It conducts international, national and regional research projects in the field of transport. It carries out studies and provides expert opinions for different institutions, companies and other clients.*

- ✓ **Conducting research and studies in the field of transport and logistics**

In the past 10 years TEC gained numerous experiences from FP7, FP6, FP5, INTERREG, MED, IEE and other programs and has participated or conducted more than 20 national



and EU projects. Some of them are: HYPSTAIR (2013–2015), CO-EFFICIENT (2013–2015), FUTUREMED (2012–2015), BESTFACT (2012–2015), TransNEW (2010–2011), B2B LOCO (2009–2011), KASSETTS (2008–2011), CASTLE (2008–2011), KOMODA (2008–2010), RECODRIVE (2007–2010), TRALOTRA (2007–2009), PROMIT (2006–2009), DIFFERENT (2006–2008), BESTUFS II (2005–2007), CORELOG (2005–2007), TREMOVE (2003–2004).

### ✓ **Management and co-ordination of national and international projects**

TEC acts as a focal point of cooperation and project management among all technical faculties in Maribor. Heretofore, TEC cooperated to the great extent with many technical experts from University of Maribor, that are directly and indirectly involved in transport R&D. Due to its extensive network TEC acts as a coordinator among University and private sector in the field of transport and logistics.

### ✓ **Organization of workshops and events in the field of transport research**

Transport Economics Centre facilitates cooperation among business sector, researchers, policy makers, public administration, stakeholders and end users in the field of transport and logistics. We have organized many national and international events (conferences, workshops, round tables) aiming at exchange of knowledge and intensifying collaboration. Our vision is to act as coordinator of research activities (scientific and applied projects) in the field of transport and logistics at the level of the University of Maribor, with strong focus on collaboration with the business sector in Slovenia and abroad.



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Wirtschaftsförderung  
Region Stuttgart

## Wirtschaftsförderung Region Stuttgart GmbH (WRS)

Stuttgart, Germany • circa 60 employees, founded in 1995

- ✓ **Contact partner for economic issues**
- ✓ **Supporting regional competence centers**
- ✓ **Marketing the region**



*The Stuttgart Region Economic Development Corporation (Wirtschaftsförderung Region Stuttgart GmbH or 'WRS') is the central contact for investors and companies in the City of Stuttgart and the five neighbouring districts. We raise awareness of the qualities that the business region has to offer, support companies setting up here and promote the development of the region with numerous projects and offerings.*

### ✓ **Contact partner for economic issues**

The Stuttgart Region Economic Development Corporation (WRS) is the central contact for companies, research institutes and investors in the Stuttgart Region of the State of Baden-Württemberg. This includes

- Support for investors,
- Establishing contacts,
- Business sites and real estate brokering.

Due to the economic attractiveness of Stuttgart Region, business sites are much sought after. We support the search of businesses for optimum locations.

### ✓ Supporting regional competence centers

One of the key aspects of our work is the creation and promotion of regional networks and industry clusters with the aim of making even better use of innovation and growth potential. At present, ca. 500 enterprises (mostly small and medium sized companies), nearly 50 university institutes and research facilities as well as 15 towns and municipalities committed themselves to participate actively in the 12 Regional Competence and Innovation Centers. One of them is Open ENLoCC member KLOK.

With Stuttgart region being one of the world's hot spots for the automotive sector and transport solutions, WRS cooperates with KLOK and international partners on logistics and mobility topics.

### ✓ Marketing the region

With targeted measures to market the region, ranging from professional public relations to attendance at trade fairs, we successfully promote the area both within the region and beyond.

Cultivating international contacts, our offices in Brussels and the USA support our efforts on the international stage, maintaining links to European and international networks that benefit the Stuttgart Region.

Our work centers on an equal-footing relationship with the 179 municipalities and five districts in the region, as well as with companies, scientific institutes and all other business organizations.



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## List of members

As per October 2015, the European network of regional logistics competence centers Open ENLoCC has the following members:

- Centre for Maritime Studies (CMS), Turku, Finland.
- CRITT Transport et Logistique, Le Havre, France.
- CTL – Centre for Transport and Logistics of the University of Rome La Sapienza, Roma, Italy.
- Entwicklungsagentur Kärnten GmbH, Klagenfurt, Austria.
- i-Fret innovation platform for intelligent freight (by i-Trans Association), Dunkerque, France.
- ILiM Institute of Logistics and Warehousing, Poznań, Poland.
- Institute for Transport and Logistics Foundation (ITL), Bologna, Italy.
- KLOK Kooperationszentrum Logistik e.V., Kornwestheim / Stuttgart, Germany.
- Kouvola Innovation Ltd., Kouvola, Finland.
- Logistik-Cluster Schwaben (LCS) e.V., Augsburg, Germany.
- Logistics in Wallonia, Liege, Belgium.
- Malmö Högskola, Department of Urban Studies/Transport Management, Malmö, Sweden.
- MOBI, Vrije Universiteit Brussel (Mobility, Logistics and Automotive Technology Research Group), Brussels, Belgium.
- MoWiN.net e.V., Kassel, Germany.
- NewRail, Centre for Railway research, Newcastle, Great Britain.
- Pannon Business Network Association (PBN), Szombathely, Hungary.
- University of Maribor, Faculty of Civil Engineering, Transportation Engineering and Architecture, Maribor, Slovenia.
- Wirtschaftsförderung Region Stuttgart GmbH (WRS), Stuttgart, Germany.

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Please feel free to contact any member directly.

This brochure is issued by:

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open  
**ENLoCC**

European Network of Logistics Competence Centers



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