



Odra Region network for cross-border cooperation
and integration of **E**conomy, **S**cience and **T**echnology

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PUBLISHABLE SUMMARY

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Work Package 1 – Project Management

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Publishable Summary

1. The OREST project aim, focus area and network

OREST was a Specific Support Action aimed to encourage the participation of partners from the new member states (NMS) in European activities and to stimulate innovative small and medium sized enterprises (SMEs) in taking an active role in the realization of the European Research Area.

OREST strives at strengthening of international co-operation in the sustainable transport and at encouraging actors from the selected new member states to contribute to Surface Transport programmes on local, national and European levels.

The process leading to establishing the new programmes and activities is based on four stages:

- I. Need: identifying need for knowledge or experience in specific fields and/or for international co-operation in transport related research – WP4 (lead by SPEKTRUM)
- II. Source: establishing a sound state-of-the-art basis, identifying sources of up-to-date expertise – WP1 (lead by SPEKTRUM)
- III. People: matching participants with the needed expertise and the ones searching for it – WP2 and WP3 (lead by Convoco)
- IV. Programme: Thematic Research Groups (TRG) will be generated for:
 - Defining their frame of cooperation (update of thematic clusters)
 - Internal knowledge transfer
 - Assisting in bringing future sustainable transport activities on the way WP3 (lead by Convoco)

The main geographical focus area is around the former outer border of the European Union, the Odra region in Eastern Germany and Western Poland. The main thematic foci are *Clean Transport Modes and Solutions and Integrated Transport in Cities*.

The aim has been achieved through development of thematic networks which provide a contact platform for targeted knowledge transfer and exploitation of innovative and sustainable surface transport solutions. The project strives to answer the individual support needs of networks participants and involves them in the decision-making process and in the active networks development.

The OREST project has conducted support activities, including transfer of knowledge and international network development, as well as dissemination and management work during the second period of the project. These activities have allowed the work plan to progress towards the objectives set for this Specific Support Action fostering the development of sustainable transport and strengthening of the ERA.

2. List of project participants

Partic. Role	Partic. No.	Participant name	Participant short name	Country	Date enter project	Date exit project
CO	1	SPEKTRUM Centrum Wspierania Współpracy Międzynarodowej	SPEKTRUM	PL	Month 1	Month 30
CR	3	Convoco Sp. z o.o.	Convoco	PL	Month 1	Month 30

Table 1. List of project participants

3. Thematic foci for the OREST project

The OREST initiative was focusing on the following subjects, within the thematic priority '*New technologies and concepts for all surface transport modes (road, rail, water)*' :

1. *Clean transport modes and solutions*

- a) Sustainable energy for transport; alternative motor fuels
- b) Environmental friendly and energy efficient transport modes (public transport, rail, waterborne, other clean modes)
- c) Stimulation of regional and national policy development (indirectly: support to European Policy development)

2. *Integrated transport in cities*

- a) Innovative technological solutions for urban transport management, for road traffic and for urban public transport.
Solutions for increased safety, security and for reduced congestion e.g. advanced context sensitive information and guidance services, charging for infrastructure usage, technologies for road pricing.
- b) Efficient land use for transport
- c) Stimulation of local and national policy development regarding urban transport planning and environment e.g. modal shift, quality of infrastructure , ITS- solutions, security, social and economic aspects; Stimulation of public-private partnership.

1. Project Execution

1.1. Project strategic objectives and their realisation

The objectives of OREST for the period of the project and their realization are presented in table 2.

Objective	Realization
To set up networks of innovative enterprises, technology suppliers and potential institutional users of the results of Research and Technical Development projects;	Under the WP1 Network Operation Model, thematic Research Groups (TRG) were established and thematic areas were discussed. Results of the work are presented in the deliverable D1. Network Operation Model.
To develop the project partners activities and structure the work within a few thematic clusters of the EU Sustainable Surface Transport Priorities,	This objective was realised under the activity WP2 Stimulation of international cooperation. The defined thematic clusters are presented in the deliverable D 2.2.
To disseminate the aims of the projects and raise awareness of their results to potential interest groups above and beyond the diffusion and exploitation activities of individual projects,	Objective realised under the WP 3, including Match Making and Targeted Activities. Details are presented in the deliverable D3 Thematic Research Activity Report.
To promote and facilitate targeted knowledge transfer and, in selected cases, exploitation of the results of RTD projects in the pre-deployment phase to the market,	Realised under the WP 2, stimulation of international cooperation, through Activity 9. Dissemination of thematic clusters and Activity 10. Thematic meetings and clusters.
To promote the policies of the European Union within the targeted sectors, to facilitate the realisation of the European Research Area and to contribute to the implementation of activities of the Sustainable Surface Transport Priorities,	Realised under the activity WP 3. Match Making and Targeted Activities, through Activity 23. Facilitating Knowledge Transfer and Exploitation.
To encourage and facilitate the participation of organisations, especially SMEs, from the selected new member states, with focus on Poland, in the activities of the priority thematic fields.	Realised under the activity WP 3. Match Making and Targeted Activities, through Activity 24. Assisting in bringing future sustainable transport activities on the way.
To facilitate the take-up of existing knowledge and to set up an international	Realised under the WP 2. Stimulation of international cooperation, through Activity 8.

co-operation structure, going beyond the Odra Region, in order to cover the knowledge and experience needs of the future networks participants,	Dissemination of general aspects.
To provide a contact platform to support the participation of SMEs from the selected new member states in international co-operation, knowledge exchange, scientific conferences and practical workshops,	Realised under the WP 2. Stimulation of international cooperation, through Activity 14. Multi-lingual website.
To support directly the preparation of future community and trans-national RTD programmes and individual project proposals. This kind of co-operation in the Odra Region will be especially supported, to establish the region as best practice example in this field.	Realised under the activity WP 4. Operational Support to RTD Activities, through Activity 31. Support to preparation of sustainable transport activities and Activity 32. Information Package for preparing activities in the Thematic Clusters. Results of the work are presented in the deliverable D4. Outlook on future perspectives for network activities.

Table 2. Strategic Objectives and their realization

1.2. Relevance to the objectives of the specific programme and/or thematic priority

OREST contributed to the attainment of the selected Sustainable Surface Transport priorities as shown in the table below.

Objective	OREST contributed to the attainment of the SST priorities through:
1. Policies, new technologies and concepts for sustainable transport in all surface transport modes (road, rail and waterborne), with the foci in the new member states.	Stimulation of targeted research activities aiming at improved sustainability in urban transport.
	Encouraging activities aimed at sustainable transport development using the team's expertise in Sustainable Transport Planning and Public Transport Management.
2. Re-balancing and integrating different transport modes	Work in research groups on waterborne transport, sustainable energy for transport and integrated transport in cities group.

Table 3. OREST contribution to Sustainable Surface Transport priorities and objectives

In addition, OREST fitted in the broad objectives and was in line with the overall strategies developed by the European Commission. The project developed some specific ideas and explored solutions regarding recommendations from key documents, including:

- "Lisbon Strategy", an strategic paper on economy which set objectives for Europe to be the most competitive region in the world by 2010 and sets agenda for research and innovation in EU.
- "EU Strategy for Climate Change = Sustainable Development and Climate Change".
- "Thematic Strategy on Urban Environment".
- "Energy Efficiency Action Plan".
- "Cities and Cohesion"
- "Green Paper on Urban Mobility"
- Staff working paper – DG Tren (Staff Working Document)

1.3. Visualisation of the project's execution

The table below provides the overview of the main tasks of the project and their actual timing.

Acronym:	OREST	
Contract N°	TSA4-CT-2005-516208	
Months		1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
		<div style="text-align: center;"> <div style="border: 1px solid black; padding: 2px; display: inline-block;">12 m rep</div> <div style="margin-left: 100px; border: 1px solid black; padding: 2px; display: inline-block;">Final Reporting</div> </div>
		<div style="display: flex; justify-content: space-around; width: 100%;"> <div style="width: 45%; border-bottom: 1px solid black; background-color: #e0f2f1;">First Project Period</div> <div style="width: 5%; border-bottom: 1px solid black; background-color: #e0e0e0;">Duration</div> <div style="width: 50%; border-bottom: 1px solid black; background-color: #e0e0e0;">Second Project Period</div> </div>
Workpackage 1:	Network Operation Model	
Task 1.	Design the Network Operation Model	
Workpackage 2:	Stimulation of international Co-operation	
Task 1.	Establishment of the networks as a contact and information platform	
Task 2.	Dissemination and public relations	
Task 3.	Stimulation of international co-operation in transport research	
Workpackage 3:	Match-making & Targeted activities	
Task 1.	Establishing Thematic Research Groups	
Task 2.	Facilitating knowledge transfer and exploitation within the Thematic Research Groups	
Task 3.	Assisting in bringing future sustainable transport activities on the way	
Workpackage 4:	Operational support to RTD activities	
Task 1.	Support to preparation of sustainable transport activities	
Workpackage 5:	Overall Project Co-ordination	
Task 1.	Co-ordination of OREST	
Task 2.	Project Audit Certificates	

1.4. The achieved general project aims

As planned, thematic networks in sustainable surface transport solutions with the main focus area of the former outer border of the European Union, the Odra region in Eastern Germany and Western Poland have been developed. Thematic Research Groups formed are: sustainable energy for transport group (1), waterborne transport group (2), and integrated transport in cities group (3).

The following are the functionalities, in accordance with the project objectives, that the thematic networks fulfill:

- setting up of a network of innovative enterprises, technology suppliers and potential institutional users of the results of Research and Technical Development (RTD) projects.
- provision of a contact platform to support the participants from the new member states, especially SMEs, in international cooperation, knowledge exchange, scientific conferences and practical workshops.
- facilitation of the take-up of existing knowledge and to set up an international cooperation structure, going beyond the Odra region, in order to cover the knowledge and experience needs of the network partners.
- promotion of the policies of European Union within the network partners.

Within the developed networks over 10 projects have already been prepared and more projects/programs should be expected as result of their setting-up. In the Deliverable 3 *Thematic Research Activities Report* a list of projects prepared is provided, and in the Deliverable 4 *Outlook on future perspectives for networks activities* a list of activities foreseen after the end of the project is included.

2. Dissemination and use

2.1. Using and disseminating knowledge

The dissemination of knowledge and its use to support cooperation and create synergies in the chosen fields was one of the main OREST activities. Dissemination on regional and international level was provided by:

- Participation in the relevant events (meetings, conference and workshops)
- The OREST Website (www.orest-network.net)
- Leading individual meetings in specific thematic clusters.

International Trade Fairs in Poland and Germany were the main opportunity to promote innovative solutions and project ideas to get a wider spectrum of international contacts and to promote the ERA-NET activities involving institutions from the cross-border Odra Region and beyond. The project was present at the TRANSPORTA exhibition in Poznań (2006, 2007) and at the InnoTrans trade fair in Berlin (2006). About 100 invitations were sent to potential partners from the Odra region – both from Poland and Germany. Addressed have been SMEs, public administration, foundations, associations and other organisations supporting business as well as universities and companies with strong market position whose profile is related to innovative, clean transport solutions, including integrated transport in cities – innovative technological solutions and efficient urban transport management.

During the conferences numerous contacts from different branches which may lead to further cooperation within the OREST networks were collected. Leaflet and posters designed and distributed. Stands from different thematic areas were visited and promoted the OREST idea of joint international cooperation in an active form as well. The exhibition in Poznań and Berlin were also opportunities for thematic clusters dissemination.

Knowledge gathered was disseminated pro-actively also with the use of the project website. The website have been further developed and technically improved during the project's life. The website was developed and available in English, Polish and German and provides up-to-date information about the relevant upcoming events. It is planned that the website will be operated and kept up-to-date also after the end of the SSA.

Information on related international projects was disseminated, especially those constituting possibility of creating further synergies. Also EC publication related to the subject area were distributed (see: Table 6. List of EC publication distributed by OREST).

2.2. Raising public participation and awareness

In addition to the dissemination and use of knowledge, OREST activities contributed to *raising the public participation and awareness*, mainly by participation in meetings and presentations at trade fairs and conferences. Meetings focused on the thematic clusters in details were attended or organised. Different upcoming calls for proposals for individual RTD projects were answered by dedicated presentations.

OREST aimed to raise awareness of the project objectives and the project results among potential interest groups and beyond. Special target groups, e.g. local and regional authorities

and academies were addressed directly in order for the networks to attain their conceptual and political support.

No.	Event	Location	Date
1.	conference : cooperation Poland-Germany	Berlin	April 2006
2.	LTS TRANSPORTA	Poznań	June 2006
3.	TRA Conference	Göteborg	June 2006
4.	COINKO Conference.	Berlin	September 2006
5.	Participation in the CIVITAS Forum	Burgos, Spain	September 2006
6.	Innotrans 2006 International Trade Fair for Transport Technology	Berlin	September 2006
7.	Conference on urban transport	Warsaw	January 2007
8.	Conference European Transport in FP7	Warsaw	March 2007
9.	Polis Annual Conference, presentation on SUTP	Toulouse	March 2007
10.	Conference and fair: Transport Logistics Sector	Warsaw	May 2007
11.	Conference Nordic bioenergy	Stockholm	June 2007
12.	LTS TRANSPORTA	Poznań	June 2007
13.	Conference on FP7 of the EU, by the national contact point	Warsaw	September 2007
14.	Training seminar for cities from Eastern Europe	Płock	September 2007
15.	Conference opening the FP7 of the EU, in the Western region of Poland	Poznań	January 2007

Table 5. List of the main events with involvement of the OREST project

Title	Catalogue no	Language(s)
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European freight transport — Modern logistics solutions for competitiveness and sustainability	KO-72-05-257-**-C	DE – EN
ERTMS — Delivering flexible and reliable rail traffic. A major industrial project for Europe	KO-72-05-273-**-C	DE – EN
Motorways of the sea: Shifting freight off Europe’s roads	KO-72-05-322-**-C	DE – EN
Road transport: Europe on the move	KO-56-03-368-**-C	DE – EN
White Paper: European Transport Policy for 2010 – Time to decide	KO-33-00-009-**-C	DE – EN
Intermodal loading units: Industrial solutions for better freight transport	KO-56-03-611-**-C	DE – EN
Saving 20 000 lives on our roads: A shared responsibility	KO-53-03-508-**-C	DE – EN
Intelligent transport systems: Intelligence at the service of transport networks	KO-49-02-523-**-C	DE – EN
Revitalising Europe’s railways: Towards an integrated European railway area	KO-46-02-242-**-C	DE – EN
Transport and energy infrastructure: South-eastern Europe	KO-49-02-216-EN-C	EN
Transport research in the European Research Area: A guide to national programs	KO-60-04-709-EN-C	EN
ROAD SAFETY Brochure	KO-39-01-554-EN-C	EN
Sustainable mobility	KO-39-01-514-EN-C	EN
Clean urban transport	KO-39-01-522-EN-C	EN
European transport networks	KO-39-01-570-EN-C	EN
EU energy and transport in figures — Statistical pocketbook 2005	KO-AB-05-001-EN-C	EN
Biofuels to replace oil	Film	DE – EN - others

Table 6. List of EC publications distributed under the OREST project.

2.3. Project Sustainability

The work in the project has shown that there is a great need for support in research, development, and in the implementation of the sustainable surface transport solutions. This

need continues to exist and grows rapidly, especially in the New Member States, where cities are developing, where urban sprawl is increasing and with it private car ownership, and where cities face a problem of lack of knowledge and strategies to deal with the growing transportation problems.

As a result, the work of the OREST consortium will continue, aided by the alliances built during the project. Therefore actors relevant for the transport area in the region and beyond will be provided further support in developing sustainable transport strategies and in access to research funds under the European Research Framework Programmes and to other funds.

Some sources of funding for continuation of work in the OREST thematic areas have been defined during the project. Collaborative efforts with cities and SMEs in Poland and other member states will continue after the end of the project to access those sources and continue the efforts for more sustainable surface transport in Europe.

A number of ideas for new initiatives in the OREST thematic areas have been developed. More than 10 projects have been submitted in the second project period. This gives a chance for new initiatives to start, as a result of the OREST efforts.

The backbone for the sustainability of the OREST actions are:

1. The project ideas developed as a result of work in the OREST thematic areas.
2. The projects submitted to EU Research Framework Programme 7 and to other funding schemes.
3. The experience of common efforts of the partner institutions in the project ideas and proposals. This experience is a proof of commitment of all involved parties to further efforts for sustainable transport and to future cooperation in this field.
4. Based on all above, activities and initiatives which will be implemented without further funding from the OREST project after the project end. Sources of funding which are already committed to further implement the actions in line with the OREST vision.

New actions and/or initiatives will be implemented after the end of the project by the consortium members in follow up to the project, which will use the developed thematic networks, and which will follow the OREST goals:

- To promote and facilitate knowledge transfer,
- To contribute to the implementation of activities of the Sustainable Surface Transport, and
- To support directly the preparation of future community and trans-national RTD programmes and individual project proposals.

Those initiatives will be undertaken in the years 2008 – 2011 and onwards.