PROJECT FINAL REPORT

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4.1 Final publishable summary report

- **An executive summary**

B2B Loco Project was a collaboration of 16 partners from 15 countries ranging from Baltic to Balkan aiming at building an informal Network for Logistics Competence. B2B LOCO was to be perceived as a platform for an exchange of knowledge, best practices, new technologies and solutions within logistics. It has been created the way to substantially increase the participation of small/medium enterprises in the Framework Programme projects by demonstrating and actively promoting the most business practice-oriented results of past and current RTD projects.

The concept of the B2B LOCO project was that enterprises collaborating with local market-oriented research units in an international network would enhance their performance and competitiveness through the participation in FP projects or exploitation of its most business practice-oriented results.

The project was represented by Old and New Member States as well as 2 Candidate Countries, covering most of the East of the continent and beyond, from Estonia to Israel.

B2B LOCO targeted different types of SMEs: transport and logistics companies, manufacturing and retail companies, hi-tech and green technologies companies.

Within the project duration SME community was provided with two international conferences, two practical workshops and three brokerage events, supplemented with permanent communication mechanisms (www, newsletters).

Moreover an Alumni Social Network was developed and 3 rounds of alumni meetings in universities of 9 partner countries were organized, attracting over 1 600 participants. Additionally the project provided an Electronic Knowledge Brokerage System, a web-based tool for companies enabling of publishing company profile for partner search and presenting its offers and demands. 259 companies registered in EKBS to present themselves for partner search.

To meet project objectives the analysis on the real benefits coming out of FP projects were carried out giving a number of 67 research projects providing added value for SMEs, which were published on the project web-site http://www.b2bloco.eu/projects/index.html. So far a limited number of SMEs was involved in realisation of projects or exploitation of its results. The reasons for the moderate interest of SMEs in FP projects' results or involvement were collected.

As a result of all activities, SMEs were presented with identified benefits from advanced solutions developed by FP projects and experiences of successful SME- RTD - Academia co-operation cases. They were familiarized with Framework Programme as such and the value of common cooperation of research and industry. Moreover, the new information channels developed during the project improved transfer of knowledge on transport and logistics.

- **A summary description of project context and objectives**

The major objectives were to develop an informal Network for Logistics Competence and to demonstrate and promote the most business practice-oriented results of past and current RTD projects. It all aimed to attract SMEs with Framework Programme projects and increase its the common cooperation of research and industry.

To meet the project objectives a number of networking and knowledge transfer activities, comprising of organisation of one conference, a practical workshop, two brokerage events and development of the Electronic Knowledge Brokerage System targeted at SMEs were carried out with the focus to:

- ✓ create a permanent network of research and educational institutions in transport and logistics capable of building and maintaining links with SMEs in their area,

  Through the project actions a database of more than 10 000 participants was developed. 264 representatives of academy, research, business registered on the project website. 259 companies registered in EKBS (Electronic Knowledge Brokerage System) to present its profiles for partner search. 752 alumni have registered in Alumni Social Network (ASN).

- ✓ identify innovative FP projects in the field of logistics and transport,

  Almost 200 EU funded logistics projects were analysed giving a number of 67 research projects providing added value for SMEs published on the project web-site http://www.b2bloco.eu/projects/index.html. Based on the investigation we made it appeared very few SMEs were involved in realisation of projects or exploitation of its results. Moreover most SMEs did not perceive innovation providing the real value. The reasons for the moderate interest of SMEs in FP projects' results or involvement were collected.

- ✓ present best practice solutions coming out of FP project in various fields of logistics and transport to SME's, especially focusing on green technologies,

  A number of 67 research projects in various fields of logistics and transport providing added value for SMEs were published on the project web-site. Most of the projects were Framework Programme projects. Some of analysed projects provided green technologies. Selected best practice solutions coming out of FP were presented at a number of project events.

- ✓ show clear benefits of FP participation to SME's in the under-privileged EU-states and in candidate countries,

  The analysis of research projects were made the way to prove the projects added value for SMEs and the nature of these benefits such as financial, organizational or other nature.

Moreover, the presentations of best practices coming out of research projects held at project events were focused on the benefits they provided to SMEs.

- ✓ support exploitation of successful RTD project results by helping companies implement solutions developed,

  The project supported exploitation of successful RTD project results through the identification of results that were exploitable and its wide dissemination through a number of actions.

- ✓ provide new exploitation opportunities for the future FP projects in terms of SMEs' involvement in demonstration and commercialisation efforts,

  The message we presented at the project events and other project actions clearly presented the importance of involvement of SMEs in demonstration and commercialisation of project results.

- ✓ provide research institutions with a forum of knowledge/experience exchange in dealing with SME's,

  A number of research institutions coming out of 15 countries were invited to project events and participated. The events served as forums of knowledge/experience exchange in dealing with SME's providing the floor for discussions & networking. Moreover, all registered or identified research institutions were provided with regular information on the potential opportunities coming out of the cooperation of business (SMEs) and research (R&D units, universities) provided by research projects.

- ✓ inform large numbers of companies about current work programmes and calls as well as offer advice on how to participate in Framework Programmes,

  Regular information on current work programmes and opened calls within transport as well as advice on how to participate in Framework Programmes and access to FP-related materials was provided through the newsletters and published on the project website. Moreover a number of documents presenting the European policy, strategies and action plans towards transport were made available on the project website. Additionally, contacts to National Contact Points of all the project partner countries were made available.

- ✓ provide access to FP-related materials both in English and national languages,

  Regular information on current work programmes and opened calls within transport, including link to CORDIS were published on the project website.

- **A description of the main S&T results/foregrounds**

The following activities were carried out within the duration of B2B LOCO project to meet the project objectives:

✓ **WP2 INTERNATIONAL CONFERENCES**

Two conferences were organised as planned, attracting the required profile and number of participants and presenting results and achievements of FP projects.

1st International Conference in Poland
Date: 12-14 May 2010
Place: Poznań, Poland
Title: The logistics challenge: flexibility, sustainability, innovation
Task Leader: Institute of Logistics and Warehousing
Merged with: Polish Logistics Congress LOGISTICS 2010 & the Annual ELA congress EUROLOG 2010

2nd International Conference in Slovenia
Date: 27 May 2011
Place: Portorož, Slovenia
Title: Transport and logistics ICT solutions – from EU projects to business practice
Task Leader: University of Maribor (UNI-MB)
Merged with: International Conference on Transport Science

The first B2B LOCO Conference was intended to present the small and medium business world with results of EU projects including Framework Programme projects such as FREIGHTWISE, CEASAR II, RECODRIVE as well as the SME Environment in the Strategic Transport Development Initiatives of INTERREG projects and other initiatives funded by the European Commission. Experts from FP consortia presented the solutions and achievements of successful projects aiming at stimulation of awareness among the enterprises of the chances and opportunities available for the European Transport Sector in EU. For instance the participants were presented with transport planning tool allowing transport management to be used by SMEs as a result of FREIGHTWISE project or common communication system providing terminal to terminal information of the entire combined transport chain in CEASAR II project. Moreover, participants had the opportunity to familiarize with RECODRIVE project promoting sustainable fleet management and eco-driving in SMEs as well as results of CONNECT project aiming at working out strategic plan for development and implementation of Intelligent Transport Systems and Services (ITS) including reducing the travel time of road users, fostering urban interfaces to ensure fluent traffic, etc. The conference highly promoted "green transport solutions". Additionally it promoted not only useful results of European projects but also the idea of networking, clustering as an effective strategy for SMEs to gain

competitive advantage through sharing of information, exchanging of experience, best practices and developing of innovative character.

The B2B LOCO session was chaired by Prof. Włodzimierz Rydzkowski. The speakers were as follows:

- Frank Knoors, Sequoyah NV, Belgium
- Tomislav Letnik, University of Maribor, Slovenia
- Wiktor Szydarowski, TransBaltic,Sweden
- Marek Ščerba, Transport Research Center, Czech Republic
- Aldo Croci, CEASAR II project, Hupac, Hungary
- Kamil Kulesza, Wielkopolska Automotive Cluster, ECO-cars (SME), Poland
- Igor V. Kabashkin, Transport and Telecommunication Institute, Latvia
- Mitja Štiglic, University of Maribor, Slovenia

The number of participants which amounted to 70, as well as the structure, with a good 25% of participants coming from SMEs related to transport and logistics, allows one to conclude that the conference succeeded in communicating key messages about the 7FP and other EU programmes to the SME community.
The majority of participants highly evaluated the content of the event as well as the overall organisation indicating their interest in further participation in events of similar scope.

The second B2B LOCO Conference in Slovenia was merged with major RTD event in the field of transport – "International conference on transport science – ICTS 2011" organized by the University of Ljubljana, Faculty of Maritime Studies and Transport in cooperation with Slovenian Society for Transport Science. The joint session of conference was attended by dr. Patrick Vlačič, Minister of Transport and dr. Igor Jakomin, State Secretary at the Ministry of Transport.

The conference theme was »Transport and logistics ICT solutions – from EU projects to business practice«. Based on the results of WP4 concerning EU RTD projects, of which results and achievements have been implemented into practice, as well as University of Maribor's own network and databases topics and projects of special interest for presentation at the conference were identified. The following EU projects were presented: TransBaltic, SEAMLESS, KASSETTS, EBEST, EasyWay, STARNETregio and CASTLE. The emphasis in all presentations was participation of SMEs in these projects as well as on possible benefits that can be achieved by SMEs should they implement projects' results into practice. Experts have presented the solutions and achievements of successful projects as well as solutions to some problems such as overcoming transport performance deficiencies as one of most prominent barriers to economic prosperity and growth in the Baltic Sea Region. Further on achievements and possibilities for transport collaboration between SMEs in order to raise their competitiveness were presented on one hand and on the other hand developments in intelligent infrastructure and intelligent freight RFID based services were depicted. Interesting topic of clusters within maritime industry and their cooperation and networking activities in STARNETregio project were manifested.

In the second part of the conference latest developments in business practice from field of ICT solutions in transport and logistics were presented. The participants were familiarized with latest solutions that are not limited to large enterprises but should be used in SMEs as well in order to improve SMEs competitiveness

The speakers were as follows:

- Balázs Barta, Pannon Business Network, Hungary
- Vasilis Dimarelos, Aristotle University of Thessaloniki, Greece
- dr. Wiktor Szydarowski, B2B Loco Consultation Board, Sweden
- dr. Flavio Bonfatti, University of Modena and Reggio Emilia, Italy
- Dean Herenda, Ministry of Transport (EasyWay chair 2010), Slovenia
- Edvard Rošker, Faculty of Maritime Studies and Transport, Slovenia
- Franc Razbornik, University of Maribor, Slovenia
- Jože Novinšek, M2M, Slovenia
- Janez Strojan, Visit d.o.o., Slovenia
- mag. Armin Musija, Transporeon
- Aleksandra Kodrič, URSA Slovenia d.o.o. – URALITA
- Klemen Jamšek, CVS Mobile, Slovenia
- Igor Žula, 3Projekt d.o.o., Slovenia

The number of participants amounted to 66,24% representing SMEs and 12% coming from local authorities.
The majority of participants highly evaluated the content of the event as well as the overall organisation indicating their interest in further participation in events of similar scope.

- ✓ **WP3 PRACTICAL WORKSHOPS**

The Workshops were to attract SMEs with the results of EU research projects and the outcomes of research conducted in project partners' countries within Framework Programmes in the field of transport and logistics. Two Workshops were organized:

<u>1st Practical workshop in Lithuania</u>
Date: 15 December 2009
Place: Vilnius, Lithuania
Title: Increasing availability of transport and logistics services for SMEs in new European Union States – result of focused development of co-modal transport
Task Leader: Vilnius Gediminas Technical University (VGTU)
Merged with: Forum of Lithuanian Intermodal Transport Technology Platform Forum within the Lithuanian Intermodal Days 2009

<u>2nd Practical workshop in Croatia</u>
Dates: 28 April 2011
Place: Opatija, Croatia

Title: Transport and logistics SMEs: Cooperation and competition
Task Leader: Prometis – Traffic Eng., Planning, Research and Development Ltd.
Merged with: Transport System 2011 - International Symposium of Croatian Scientific Society for Transport

Both Workshops aimed to present benefits for SMEs resulting from participation in 7th Framework Programme and to create opportunities for new projects among participants, to establish of the local networks of partnership between companies and research organizations, to familiarize the participants with strategies of development of co-modal transport as well as to exchange knowledge and good practices of the logistics and transport development among a wide group of stakeholders.

The 1st Workshop **"Increasing availability of transport and logistics services for SME's in new European Union States – result of focused development of co-modal transport"** sought to familiarize participants with the results of the recent EU Framework Programme projects based on the possibilities to apply best practices and innovative technologies to SMEs. It aimed to provide SMEs with European best practices within co-modality as well as to promote and spread new ideas to support the system of green co-modal transport.

The Workshop was attended by 56 participants: 17 were Research structures and Universities, 5 represented Government and Local authorities, and 34 stood for SMEs.

The Workshop presented the systemized information on Framework projects and its results in the transport sector. Since most of transport companies from New European countries are middle size or small, they have very limited financial and analytical possibilities to carry on research works, the Workshop gave a unique opportunity to familiarize the participants with the new tendencies in European transport market.

Moreover, the Workshop became a ground for exchanging new ideas between SMEs on innovative technologies and best practices. SMEs in new European states are used to act individually instead of cooperate that strengthens its competitiveness.

The 2nd Workshop **"Transport and logistics SMEs: Cooperation and competition**" was devoted to the ways and benefits of horizontal collaboration between SMEs and between SMEs and big enterprises, including the partnerships with state and local authorities and RTD communities. The Workshop was attended by 56 participants.

The Workshop presented the role of SMEs in the supply chains, especially highlighting opportunities for achieving greater added value through common cooperation and clustering at regional levels. Discussion confirmed the need for logistics knowledge and business practice transfer from older EU member states to the new member states.

According to the research carried out by VGTU, only few SMEs in Lithuania have been participated or exploited the results of FP projects. The results of the research show that the scientific and academic style of the FP7 studies is often hardly understandable for the SME's.

- ✓ **WP4 BROKERAGE EVENTS FOR REGIONAL INDUSTRIAL CLUSTERS AND SMEs**

The goal of the WP was to provide companies, universities and research institutes with assistance to find international partners for product development, manufacturing and licensing agreements, joint ventures or similar partnerships. **Small and medium size companies grouped in regional industrial clusters,** universities and research institutes were able to promote their own technology offers and requests which were collected in the online catalogue - Electronic Knowledge Brokerage System. The main objectives of these face-to-face meetings were to:

- Identify FP projects whose results and achievements have been implemented in practice
- Identify SMEs which have commercially exploited FP results
- Support and facilitate the SMEs with information on new significant results and achievements of FP projects,
- Allow for matching SMEs interested in FP7 calls with research institutions what would result in submitting a successful proposals,
- Allow the SMEs to search for partners with specific expertise required for their project ideas and visions,
- Give a chance to all parties involved in the Brokerage event to present their latest achievements, inventions which could be used, bought or implemented by other participants.

The Brokerage events were the ideal environment for:

- small and medium-sized enterprises (SMEs) offering and / or looking for new technologies ,
- scientific / research institutes offering innovative RTD results in logistics and transport sector,
- start-up companies and entrepreneurs which plan to create strong, successful consortia for participating in FP7.

The events brought together suppliers and users of technology and know-how from all over Europe to discuss solutions and new opportunities.

3 brokerage events were organised:

<u>1st Brokerage Event for SMEs and Clusters in Hungary</u>

Date/ place:	10 June 2010, Nagykanizsa, Hungary
Title:	EU funded projects and logistics possibilities for SMEs in the West-Pannon Region
Task Leader:	Pannon Business Network (PBN)
Merged with:	Annual meeting of the Pannon Logistics Cluster
Participants:	48

2nd Brokerage Event for SMEs and Clusters in Czech Republic

Date/ place: 1 December 2010, Prague, Czech Republic
Title: Innovative logistics solutions
Task Leader: Transport Research Centre (CDV)
Merged with: SPEEDCHAIN 2010 „Logistics – Reality with Perspective"
Participants: 105

3rd Brokerage Event for SMEs and Clusters in Croatia

Date/ place: 28 April 2011, Opatija, Croatia
Title: Transport and logistics SMEs: Cooperation and competition
Task Leader: Prometis Ltd (PROMETIS)
Merged with: Transport System 2011 - International Symposium of Croatian Scientific Society for Transport

Some facts about WP4:

- Project partners started raising awareness well before each of the 3 Brokerage events took place in order to be able to address and acquire at least 40 SME / event.
- Brokerage events were accompanied by presentations of firms.
- Among outputs of this work package there were: information campaign, press releases and articles in newsletters, mailing lists before and after the event.
- The events were promoted on regional and project's web site.
- The programme and the list of participants were available for each participating organization.

The 1st B2B LOCO Brokerage Event **"EU funded logistics projects and possibilities for SMEs in the West-Pannon Region"** aimed to familiarize participants with the possibilities in the 7th Framework Programme and other national and international projects as well as the results of the recent EU FP projects and applicability of best practices and innovative technologies to SMEs.

The 2nd Brokerage Event was devoted to innovative logistics solutions resulted from FP and other logistic projects. The main aim was to encourage the participation of SMEs in the Cooperation Programme of 7th Framework Programme, familiarize participants with the possibilities in the 7th FP and other national and international projects and results of the recent FP projects. Moreover B2B LOCO brokerage tool was introduced.

The 3rd B2B LOCO Brokerage event was devoted to the very current issues of balancing the cooperation and competition forces and trends among transport and logistics SMEs (small and medium sized enterprises) and SMEs in other activities with significant transport and logistics needs. The aim of the event was to examine and show the ways and benefits of horizontal collaboration between SMEs and between SMEs and big enterprises, including the partnerships with state and local authorities and RTD communities. A number of EU projects

were presented, including SMART – Container Management, PREVENT, POET, FRETIS, RECODRIVE, DISCWISE.

DATA BASE of the most crucial FP and other European logistics projects

In the first year of the project the performance of the task covered investigation of European R&D projects with the focus on SMEs and projects results that were produced for the use of SMEs. This was achieved through the collection of realized FP projects in the area of logistics and development of a database. App. 200 European RTD projects within logistics were identified by a task leader and each project partner was allocated 12-15 projects to contact and tried to collect information on possible exploitation of projects results by SMEs or SMEs involvement in these projects realisation. In the second year of the project the task was continued. The search for projects was held based on the projects the partners were familiarized with or participated in. The analysis of the projects were expanded so to include information on the target groups, benefits provided by the projects including financial, organizational or other nature and companies contacted. Almost 200 EU funded projects were identified and analysed giving the number of 67 research projects providing added value for SMEs, which were published on the project web-site http://www.b2bloco.eu/projects/index.html.
Based on the investigation we made it appeared very few SMEs were involved in realisation of the projects or exploitation of its results. Moreover most SMEs did not perceive innovation providing the real value. The following reasons for the moderate interest of SMEs in FP projects' results or involvement were indicated by SMEs:

- SMEs perceive R&D projects as the ones that create solutions to be used by huge companies
- SMEs do not have resources (money, employees, time) and infrastructure to join R&D projects
- SMEs cannot see clear benefits and added value from participation in R&D projects
- SMEs made a loss in FPs because of low level of overheads
- SMEs have difficulties understanding "the R&D language"
- SMEs perceive participation in R&D projects as very difficult – bureaucracy, time consuming phase of proposal preparation, long evaluation and reporting procedures
- SMEs perceive participation in R&D projects as requiring extra training for employees
- companies perceive projects results non-marketable
- companies were not interested in further investment of its own resources to make the results more useful
- the only project area they perceive valuable is their participation in the exploitation phase and pilots

Online BROKERAGE TOOL for SMEs

An Electronic Knowledge Brokerage System was made available on the project website. It is a simple, user-friendly tool for companies enabling of publishing company profile for partner search and present its offers and demands. Up to August 2011, 367 offers and 13 demands

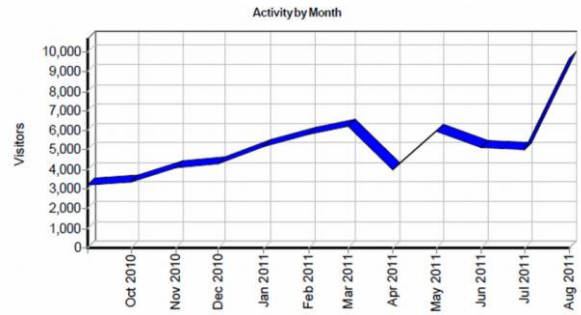
from 259 companies representing 26 countries, including China and Russia were introduced. Most active partner countries were Lithuania (61 requests), Romania (29), Turkey (22) and Hungary (21).

BENEFITS for SMEs:

1. Free, Europe-wide promotion of a company in a transport and logistics sector.
2. Cooperation with European companies, institutions which could become business partners.
3. Free access to the latest logistics news, events, conferences.
4. Free access to current transport national and international projects and their results.
5. Access to up-to-date information on work programmes, calls and possibilities to participate in the 7th Framework Programme.
6. More than 250 companies registered – excellent source of international contacts.

✓ **WP5** DISSEMINATION and MUTUAL LEARNING

Project dissemination was carried out on regular basis. The project website (www.b2bloco.eu) provided users with updated information about the project actions, progress and other logistics news and events. Moreover, a number of research projects providing best practices were presented. There were almost 62 000 visitors (11 630 unique IP addresses) on the website in the second period, which means 302 visitors per day in average. Four issues of project newsletter were prepared in the 2nd year of the project, each sent to more than 10 000 recipients in total. The number of registered companies in the Brokerage tool reached 259, which is much more than expected in the project proposal (180 profiles). The project website will be functioning for two more years after the end of the project.



Website statistics for 2nd project period

Additionally, other dissemination activities were carried out including releasing of project publications in national media, promotion of B2B LOCO at other events such as "Succesful R&D in Europe: 3rd European Networking Event"- Dusseldorf; "Brokerage Event for Transport & Logistics Sector"- Warsaw, Cooperation Forum 2011 – ECR Poland Conference, Warsaw; ITEE 2011 – Information Technologies in Environmental Engineering, Poznan. Moreove,r B2B LOCO was presented at a number of platforms and within other projects of the same scope including European Small Business Portal, euagenda.eu, CORDIS Portal, Smart project, Gprix project, MaPEeR project, Social networks – Facebook, LinkedIn. All required deliverables have been duly submitted.

✓ **WP6** ALUMNI NETWORKING

The performance of B2B LOCO Alumni Social Network (ASN) considerably enhanced in the second year of the project. During the period of 01.09.2010- 31.08.2011 two rounds of meetings were accomplished - there were 18 meetings for alumni in 9 countries organized in total. The meetings attracted over 1 600 participants. In comparison to the 1st round of meetings, which attracted over 300 participants, the progress is legible. During the third series of events the average attendance was the highest reaching 120 participants, whereas the average number of participants at the second round of Alumni Events estimated 59. The statistics on the number of visits at ASN prove a considerable success, reaching above 8000 visits altogether and about 40 000 page-viewed, 316 instant messages and 15 forums. Main visitors originated from Poland, Latvia and Israel. The total number of registered users reached 752.

Having built quite a network of alumni it has become an issue to keep it running after the project end. Most of the project partners are planning to continue with the initiative and develop the network individually. For the lifetime of the project, the main objectives of the network were to promote EU funded projects results among enterprises but to keep this network attractive these will have to be redefined. The following objectives for Alumni Networks have been proposed:

- to provide a platform for an exchange of knowledge, new technologies and solutions within logistics,
- to educate and provide information on different financing opportunities for SMEs,
- to present best practices in transport and logistics coming out not only from research but from the market,
- to built the logistics community,
- to provide logistics news and present recent initiatives.

Moreover, it is planned to invite the B2B LOCO Alumni community to ELAbestLog initiative run under auspices of European Logistics Association. ELA BestLog is a community collaborating at international level to enhance performance and competitiveness through exploitation of the most business practice-oriented results and knowledge sharing to improve efficiency of logistics processes. ELA BestLog is to serve as a platform for knowledge sharing and gathering, a tool for monitoring of project results and the floor for discussions.

In the 2nd project period, more than 240 users registered (of 752 in total) themselves in the Alumni Social Network on http://fp7.tsi.lv/en/.

- **The following results have been achieved:**

✓ Advanced solutions developed by FP consortia get used by the business world

A number of best practices, innovative solutions and technologies resulting from research projects and exploited in business reality were identified and presented at the project events for companies. It raised the awareness of the companies on the potential opportunities

coming out of the cooperation of business (SMEs) and research provided by research projects.

- ✓ Successful SME-RTD-Academia cooperation cases were lauded and copied.

  A number of best practices, innovative solutions and technologies resulting from research were presented at project events attended by enterprises or published on the project website focusing on the value added for companies and giving the opportunity for further exploitation.

- ✓ Partnerships for future Framework Programme projects were formed

  An Electronic Knowledge Brokerage System (EKBS) was developed on the project website. It was a simple tool for companies enabling of publishing company profile for partner search and presenting its offers and demands. EKBS provides an updated database of enterprises open to start cooperation within future Framework Programme projects. Up to August 2011, 367 offers and 13 demands from 259 companies representing 26 countries, including China and Russia were introduced.

- ✓ New (often permanent) information channels were created.

  Within the project realisation the community of over 10 000 logisticians was reached and provided with regular information on logistics. The major information channels were two international conferences, two practical workshops and three brokerage events. The events not only provided best practice solutions within logistics but also networking opportunities having representatives of research and industry at the same time, at the same place. Moreover the project website (www.b2bloco.eu) provided users with updated information about the project actions, progress and other logistics news and events. The average number of visitors reached 302 visitors per day. Additionally, eight issues of project newsletter were released for the project life-time, each sent to more than 10 000 recipients in total. The number of registered companies in the Brokerage tool reached 259, which is much more than expected in the project proposal (180 profiles).

- ✓ New technologies find their way to companies willing to develop and/or commercialize them.

  A number of best practices, innovative solutions and technologies resulting from research were presented at project events attended by enterprises or published on the project website. The companies interested in these solutions had the opportunity to discuss its possible exploitation or further use. Among the presented solutions that met market needs the electronic platforms providing communication improvements for the companies, common framework, common transport process organisation, etc. proved to be of high interest.

✓ Information is widely available on the web.

The project website (www.b2bloco.eu) provided users with updated information about the project actions, progress and other logistics news and events. The average number of visitors reached 302 visitors per day.

✓ New efficient communication tools are in place

To communicate directly with the logistics community two international conferences, two practical workshops and three brokerage events were organized in different European countries. The events not only provided best practice solutions within logistics but also networking opportunities having representatives of research and industry at the same time, at the same place. Moreover the project website (www.b2bloco.eu) provided users with updated information about the project actions, progress and other logistics news and events. The average number of visitors reached 302 visitors per day. Additionally, eight issues of project newsletter were released for the project life-time, each sent to more than 10 000 recipients in total. The number of registered companies in the Brokerage tool reached 259, which is more than twice as much as expected in the project proposal.

✓ Information in national languages reached company owners and/or Board members

Each project event organised in different European countries was highly promoted among the national companies using national logistics media and individual databases. Simultaneous translation was provided at each event providing the opportunity to invite international experts and attract more local companies. Moreover introduction of the project was made available on the project website in 15 national languages. The contact data to National Contact Points of all project partner countries was made available.

✓ Alumni associations with direct access to SMEs were formed

The Alumni Social Network was developed and 3 rounds of alumni meetings in universities of 9 partner countries were organized, attracting over 1 600 participants some of which represented SMEs. 752 alumni have registered in Alumni Social Network (ASN). In spite of the project end the initiative of alumni network will continue on individual basis. Moreover all the alumni active in B2B LOCO Alumni Social Network will be invited to join common network developed by the European Logistics Association and benefit from the results of ELAbestLog initiative as well as from regular offer of ELA.

The individual plans of alumni networks development:

1. **Poznan School of Logistics (WSL)** transferred the Polish alumni database from ASN to the school's server and plans to continue the cooperation with graduates within an Alumni Club. The Alumni Club activities will be initiated after the project's end in October/ November 2011. The B2B LOCO alumni network experience will be also

useful for tracking the graduates' career paths which is an obligatory task of each Polish university since 2011.

2. **University of Applied Sciences (TTK)** plans to continue with alumni activities after the project's end. The ASN will be adjusted to local conditions, making it more user friendly and also more accessible to SMEs. The activities will embrace not only Transport and Logistics graduates but also alumni from other faculties. For now an alumni group in Facebook (http://www.facebook.com/pages/TTK-Vilistlaskogu/243259102393723) was set up. Thanks to B2B LOCO ASN the alumni community was activated and reestablished their contacts with the university.

3. **University of Rousse** – as B2B LOCO alumni activities were well received by the academic community, highly scored by the University's management and led other faculties to conduct similar events for their graduates, the management of the University of Rousse endorsed the idea for an establishment of a University Alumni Club.

4. **University of Maribor (UNI- MB)** is going to continue the Alumni Meetings. As the alumni club already existed at UNI- MB, the University was able to developed close cooperation with graduates and have jointly prepared alumni events aimed at traffic engineering graduates and students. Additionally the Slovenian partner cooperated with Society for Transport Development which affiliates graduates of Traffic Engineering from our Faculty. The Society took over an active role of networking for graduates and students from field of transport and was strongly involved in B2B LOCO alumni networking. The two organisations (Alumni club together with Society for Transport Development) will continue alumni activities after the project's end and they are going to use the database from B2B LOCO in their future activities. As both of them already have web portals (with forum, news, etc.) no new portals are going to be set up. To sum up, the activities are going to be continued in response to the interest expressed at B2B LOCO alumni events.

5. **Vilnius Gediminas Technical University (VGTU)** will transfer the Lithuanian alumni database from B2BLOCO Alumni Social Network to its portal. After the project end the university will continue with the initiative not to lose the established contacts especially with the representatives of transport SME's. VGTU will focus on providing of information and common events as well as feasibility studies and projects in transport & logistics research area.

6. **Israel Institute of Technology TECHNION** had (before B2BLOCO) and will continue to have (after B2BLOCO) activities centered around Alumni. B2BLOCO has given these activities a boost and brought to light several opportunities for Alumni interaction and Alumni events. The great success of two of the Alumni Events helped teach TECHNION what works. The information gathered in the Alumni Network are very useful and will be merge with TECHNION alumni databases.

7. **Transport and Telecommunication Institute (TTI)** plans to extend the Alumni Social Network to be developed and adopted by the whole Institute.

8. **Aristotle University of Thessaloniki (AUTH)** There are 3 higher education institutions in Greece that have graduate programs in Transport and Logistics. The University of Thessaloniki, the University of Thessaly, and the University of Athens. All three are very much aware of B2B LOCO Project since AUTH organised its Alumni events in each of them. The knowledge of the B2B LOCO project was also transferred to the Hellenic Society of Transportation and Logistics Engineers, which has members among all the Alumni from Greece and from foreign universities. For the length of the B2B LOCO project, all 4 institutions had links to the B2B LOCO webpage inserted to their webpages, and all 4 have been asked to continue so.

9. **Akdeniz University** doesn't plan to continue with alumni activities because of the lack of project financing for any tasks after the project's end in August 2011.

- **The potential impact (including the socio-economic impact and the wider societal implications of the project so far) and the main dissemination activities and exploitation of results**

✓ Almost 200 EU funded logistics projects were analysed giving a number of 67 research projects providing added value for SMEs, which were published on the project web-site http://www.b2bloco.eu/projects/index.html. The analysed research projects were presented at the project events for companies. It raised the awareness of the companies on the potential opportunities coming out of the cooperation of business (SMEs) and research. Based on the investigation we made it appeared very few SMEs were involved in realisation of projects or exploitation of its results. Moreover most SMEs did not perceive innovation providing the real value.

✓ The project provided opportunities for joining the partnerships for future Framework Programme projects through an Electronic Knowledge Brokerage System (EKBS). It was a web-based tool for companies enabling of publishing company profile for partner search and presenting its offers and demands. EKBS provided an updated database of enterprises open to start cooperation within future Framework Programme projects. Up to August 2011, 367 offers and 13 demands from 259 companies representing 26 countries, including China and Russia were introduced.

✓ An informal network of research and educational institutions in transport and logistics capable of building and maintaining links with SMEs in their area was established. Through the project actions a database of more than 10 000 participants was developed. 264 representatives of academy, research, business registered on the project website. 259 companies registered in EKBS (Electronic Knowledge Brokerage System) to present its profiles for partner search. 752 alumni have registered in Alumni Social Network (ASN).

- ✓ Local companies were informed on the opportunities coming out of cooperation between research and industry and the ways on how to start such cooperation. Each project event organised in different European countries was highly promoted among the national companies using national logistics media and individual databases. Simultaneous translation was provided at each event providing the opportunity to invite international experts and attract more local companies. Moreover introduction of the project was made available on the project website in 15 national languages. The contact data to National Contact Points of all project partner countries was made available.

- ✓ A network of Alumni associations with direct access to SMEs was formed in universities of 9 partner countries. A number of alumni meetings were organized, attracting over 1600 participants some of which represented SMEs. 752 alumni have registered in Alumni Social Network (ASN). The alumni initiative will continue on individual basis. Moreover the alumni active in B2B LOCO Alumni Social Network will be invited to join common network developed by the European Logistics Association and benefit from the results of ELAbestLog initiative as well as from regular offer of European Logistics Association.

- ✓ The project supported exploitation of successful RTD project results through the identification of results that were exploitable and its wide dissemination through a number of actions.

- ✓ The project emphasized the importance of involvement of companies including SMEs in demonstration and commercialisation of research project results. Such approach should result in provision of new exploitation opportunities for the future FP projects in terms of SMEs' involvement in demonstration and commercialisation efforts.

- ✓ The project provided research institutions with a forum of knowledge/experience exchange in dealing with SME's. A number of research institutions coming out of 15 countries were invited to project events and participated. The events served as forums of knowledge/experience exchange in dealing with SME's providing the floor for discussions & networking. Moreover, all registered or identified research institutions were provided with regular information on the potential opportunities coming out of the cooperation of business (SMEs) and research (R&D units, universities).

- ✓ The large number of companies were informed about current work programmes and calls as well as offered advice on how to participate in Framework Programmes. Regular information on current work programmes, opened calls within transport as well as access to FP-related materials was provided through the newsletters and published on the project website. Moreover a number of documents presenting the European policy, strategies and action plans towards transport as well as contacts to National Contact Points of all the project partner countries were made available.

- **The address of the project public website, if applicable as well as relevant contact details**

  Project website: www.b2bloco.eu
  Alumni portal: http://fp7.tsi.lv/en/

List of beneficiaries

Number	Country	Organisation	Contact Person	e-mail	Phone	Mobile	Skype	Address	Website
1	Poland	ILIM	Ewa Dobrzeniecka Malgorzata Kirchner	Ewa.Dobrzeniecka@ilim.poznan.pl, Malgorzata.Kirchner@ilim.poznan.pl	0048618504932 0048618504933		ewadobrzeniecka, mjelitto	Institute of Logistics and Warehousing ul. Estkowskiego 6, 61-755 Poznan, Poland	http://www.ilim.poznan.pl
2	Slovenia	UNI-MB	Stane Bozicnik	stane.bozicnik@uni-mb.si,	0038622294311			Univerza v Mariboru University of Maribor Fakulteta za gradbeništvo Faculty of Civil Engineering Smetanova 17 2000 Maribor Slovenia	http://www.fg.uni-mb.si/tec/tec/?lang=en
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			Katja Hanzic	katja.hanzic@uni-mb.si,	0038622294376				
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			Jurgita Juskeniene	jurgita.juskeniene@gmail.com,					
			Teodora Gaidyte	Teodora.Gaidyte@ti.vgtu.lt			laukimu		
			Dr. Aidas Vasilis-Vasiliauskas	Aidasv@ti.vtu.lt,					
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			Delinke Bejczy	delinke.bejczy@pbn.hu	003694505003	0036307033006	delcsike9		
			Balázs Barta	barta@pbn.hu,	003694505003				
5	Bulgaria	University of Ruse	Stoyanka Racheva Smrikarova	ssmrikarova@ecs.uni-ruse.bg					http://www.uni-ruse.bg/index_en.php
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				VPencheva@ecs.uni-ruse.bg					
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7	Poland	WSL	Joanna Jabłońska,	joanna.jablonska-roger@wsl.com.pl,			jablonskajoanna		http://www.wsl.com.pl/
			Szymon Truskolaski	szymon.truskolaski@ue.poznan.pl,					
8	Czech Republic	CDV	Martin Hajek	Martin.Hajek@cdv.cz,				Centrum dopravního výzkumu, v. v. i. Líšeňská 33a 636 00 Brno Czech Republic	www.cdv.cz
			Sabina Janosikova	Sabina.Janosikova@cdv.cz,					
			Eva Gelova	eva.gelova@cdv.cz					
			Martin Pipa	Martin.Pipa@cdv.cz,			cdv.pipa		

9	Croatia	PROMETIS - Traffic Eng., Planning, Research and Development L.t.d.	Franjo Mihoci, B.Sc.Traff	franjo.mihoci@zg.t-com.hr, prometis@zg.t-com.hr,	0038516150242	3850989069581	franjo.mihoci	Prometis Ltd. 10000 Zagreb, Croatia (Hrvatska) C. Zuzoric 5	http://www.prometis.hr/
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			Yaakov Lavan (Jacky)	jackl@dp.technion.ac.il					
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			Anne Kraav	anne@tktk.ee,					
			Hedi Pehme	hedi@tktk.ee,	003726664512		hedipehme		
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			Dr. Gulden Boluk	guldenboluk@akdeniz.edu.tr	00902423106407				
14	Romania	AFP MKT	Adriana Palasan	adriana@loginet.ro,				eSupplyChain Portal Str. Sf. Elefterie Nr.11 Sector 5 Bucuresti, Romania	http://www.supply-chain.ro/index.php
			Alina Smarandache	marketing@esupplychain.eu,			alina_anisia		
15	Latvia	Transport and Telecommunication Institute	Igor Kabashkin	kiv@tsi.lv,	0037167100594	0037129215392		Transport and Telecommunication Institute, Lomonosova iela 1, Riga, LV-1019, Latvia	http://www.tsi.lv/
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			Natalya Kozhemyakina	kozhemjakina@tsi.lv		0037129170521	natasha-rizhanka		
16	Italy	STAR	Walter Vassallo	vassallo@star-site.eu			v.walter		http://www.star-site.eu/
			Alessio Pomare	pomare@star-site.eu					

Project logo

Title page of the project presentation

Website homepage screen

4.2 Use and dissemination of foreground

- ✓ The project created a database of 67 research projects providing added value for SMEs. These are mostly FP projects of transport priority. Almost 200 EU funded logistics projects were analysed. The analysis included information on SME – oriented results, SMEs involved in the project realization, ADDED VALUE for SMEs, SMEs exploiting project's results, the target groups, benefits provided by the projects including financial, organizational or other nature and companies contacted. The database was made available on the project web-site http://www.b2bloco.eu/projects/index.html.

To summarise, based on investigation made it appeared very few SMEs were involved in realisation of the projects or exploitation of its results. Moreover, most SMEs did not perceive innovation providing the real value. The reasons for the moderate interest of SMEs in FP projects' results or involvement were indicated by SMEs.
The database of projects will be transferred on ELAbestLog website after expiration of B2B LOCO web site. Moreover the analysis made might be used for further analysis of its innovative value and commercialisation possibilities in future projects.

- ✓ The updated database of companies aware of the potential opportunities coming out of the cooperation of business (SMEs) and research, open to start cooperation within future Framework Programme projects was developed. The database provides the companies profiles, its offers and demands. 367 offers and 13 demands from 259 companies representing 26 countries, including China and Russia are introduced. The companies registered in the database are "FP-ready" being aware of the opportunities it might bring and might be invited to join the partnerships for future Framework Programme projects.

- ✓ An informal network of research, academy and industry in transport and logistics capable of building and maintaining links with SMEs in their area was established. Through the project actions a database of more than 10 000 participants was developed. 264 representatives of academy, research, business registered on the project website. 259 companies registered in EKBS (Electronic Knowledge Brokerage System) to present its profiles for partner search. 752 alumni have registered in Alumni Social Network (ASN). The network will be used for the dissemination of other research projects and will be regularly updated with the information on Framework Programme and opportunities coming out of cooperation of business (SMEs) and research.

- ✓ A network of Alumni associations with direct access to SMEs was formed in universities of 9 partner countries. A number of alumni meetings were organized, attracting over 1 600 participants some of which represented SMEs. 752 alumni have registered in Alumni Social Network (ASN). The initiative of alumni network will continue on individual basis. The main focus of its actions will be to provide them with regular information on opportunities coming out of cooperation of business (SMEs) and research and keep them close with the academic environment for potential use. Moreover all the alumni active in B2B LOCO Alumni Social Network will be invited to join common network developed by the European Logistics Association and benefit from the results of ELAbestLog initiative as well as from regular offer of ELA.
  The individual plans of alumni networks development:
  - **Poznan School of Logistics (WSL)** transferred the Polish alumni database from ASN to the school's server and plans to continue the cooperation with graduates within an Alumni Club. The Alumni Club activities will be initiated after the project's end in October/ November 2011. The B2B LOCO alumni network experience will be also useful for tracking the graduates career paths which is an obligatory task of each Polish university since 2011.

- **University of Applied Sciences (TTK)** plans to continue with alumni activities after the project's end. The ASN will be adjusted to local conditions, making it more user friendly and also more accessible to SMEs. The activities will embrace not only Transport and Logistics graduates but also alumni from other faculties. For now an alumni group in Facebook (http://www.facebook.com/pages/TTK-Vilistlaskogu/243259102393723) was set up. Thanks to B2B LOCO ASN the alumni community was activated and reestablish their contacts with the university.

- As B2B LOCO alumni activities were well received by the academic community. Especially, the alumni meetings were very well scored by the University's management and led other faculties to conduct similar events for their graduates. The management of the **University of Rousse** endorsed the idea for an establishment of an University Alumni Club.

- **University of Maribor (UNI- MB)** is going to continue the Alumni Meetings. As the alumni club already existed at UNI- MB, the University was able to developed close cooperation with graduates and have jointly prepared alumni events aimed at traffic engineering graduates and students. Additionally the Slovenian partner cooperated with Society for Transport Development which affiliates graduates of Traffic Engineering from our Faculty. The Society took over an active role of networking for graduates and students from field of transport and was strongly involved in B2B LOCO alumni networking. The two organisations (Alumni club together with Society for Transport Development) will continue alumni activities after the project's end and they are going to use the database from B2B LOCO in their future activities. As both of them already have web portals (with forum, news, etc.) no new portals are going to be set up. To sum up the activities are going to be continued in response to the interest expressed at B2B LOCO alumni events.

- **Vilnius Gediminas Technical University (VGTU)** will transfer the Lithuanian alumni database from B2BLOCO Alumni Social Network to its portal. After the project end the university will continue with the initiative not to lose the established contacts especially with the representatives of transport SME's. VGTU will focus on providing of information and common events as well as feasibility studies and projects in transport & logistics research area.

- **Israel Institute of Technology TECHNION** had (before B2BLOCO) and will continue to have (after B2BLOCO) activities centered around Alumni. B2BLOCO has given these activities a boost and brought to light several opportunities for Alumni interaction and Alumni events. The great success of two of the Alumni Events helped teach TECHNION what works. The information gathered in the Alumni Network are very useful and will be merge with TECHNION alumni databases.

- **Transport and Telecommunication Institute (TTI)** plans to extend the Alumni Social Network to be developed and adopted by the whole Institute.

- **Aristotle University of Thessaloniki (AUTH)** There are 3 higher education institutions in Greece that have graduate programs in Transport and Logistics. The University of Thessaloniki, the University of Thessaly, and the University of Athens. All three are very much aware of B2B LOCO Project since AUTH organised its Alumni events in each of them. The knowledge of the B2B LOCO project was also transferred to the Hellenic Society of Transportation and Logistics Engineers, which has members among all the Alumni from Greece and from foreign universities. For the length of the B2B LOCO project, all 4 institutions had links to the B2B LOCO webpage inserted to their webpages, and all 4 have been asked to continue so.

Section A (public)

This section includes:

- A1: List of all scientific (peer reviewed) publications relating to the foreground of the project.
  Prepared and uploaded online at the Research Participant Portal.

- A2: List of all dissemination activities (publications, conferences, workshops, web sites/applications, press releases, flyers, articles published in the popular press, videos, media briefings, presentations, exhibitions, thesis, interviews, films, TV clips, posters).
  Prepared and uploaded online at the Research Participant Portal.

Section B (Confidential[2] or public: confidential information to be marked clearly)

Part B1

The applications for patents, trademarks, registered designs, etc. shall be listed according to the template B1 provided hereafter.
NOT APPLICABLE – within the B2B LOCO project there were not envisaged any applications for patents, trademarks, registered designs, etc.

Part B2
Prepared and uploaded online at the Research Participant Portal.

[2] Note to be confused with the "EU CONFIDENTIAL" classification for some security research projects.

4.3 Report on societal implications

Prepared and uploaded online at the Research Participant Portal.

A General Information *(completed automatically when **Grant Agreement number** is entered.*	
Grant Agreement Number:	
Title of Project:	
Name and Title of Coordinator:	

B Ethics	
1. Did your project undergo an Ethics Review (and/or Screening)? • If Yes: have you described the progress of compliance with the relevant Ethics Review/Screening Requirements in the frame of the periodic/final project reports? Special Reminder: the progress of compliance with the Ethics Review/Screening Requirements should be described in the Period/Final Project Reports under the Section 3.2.2 *'Work Progress and Achievements'*	***0Yes 0No***
2. Please indicate whether your project involved any of the following issues (tick box) :	***YES***
RESEARCH ON HUMANS	
• Did the project involve children?	
• Did the project involve patients?	
• Did the project involve persons not able to give consent?	
• Did the project involve adult healthy volunteers?	
• Did the project involve Human genetic material?	
• Did the project involve Human biological samples?	
• Did the project involve Human data collection?	
RESEARCH ON HUMAN EMBRYO/FOETUS	
• Did the project involve Human Embryos?	
• Did the project involve Human Foetal Tissue / Cells?	
• Did the project involve Human Embryonic Stem Cells (hESCs)?	
• Did the project on human Embryonic Stem Cells involve cells in culture?	
• Did the project on human Embryonic Stem Cells involve the derivation of cells from Embryos?	
PRIVACY	
• Did the project involve processing of genetic information or personal data (eg. health, sexual lifestyle, ethnicity, political opinion, religious or philosophical conviction)?	
• Did the project involve tracking the location or observation of people?	
RESEARCH ON ANIMALS	
• Did the project involve research on animals?	
• Were those animals transgenic small laboratory animals?	
• Were those animals transgenic farm animals?	
• Were those animals cloned farm animals?	
• Were those animals non-human primates?	
RESEARCH INVOLVING DEVELOPING COUNTRIES	
• Did the project involve the use of local resources (genetic, animal, plant etc)?	
• Was the project of benefit to local community (capacity building, access to healthcare, education etc)?	
DUAL USE	

• Research having direct military use	0 Yes 0 No
• Research having the potential for terrorist abuse	

C Workforce Statistics

3. Workforce statistics for the project: Please indicate in the table below the number of people who worked on the project (on a headcount basis).

Type of Position	Number of Women	Number of Men
Scientific Coordinator		
Work package leaders		
Experienced researchers (i.e. PhD holders)		
PhD Students		
Other		

4. How many additional researchers (in companies and universities) were recruited specifically for this project?	
Of which, indicate the number of men:	

D Gender Aspects

5. Did you carry out specific Gender Equality Actions under the project?

○ Yes
○ No

6. Which of the following actions did you carry out and how effective were they?

	Not at all effective				Very effective
❑ Design and implement an equal opportunity policy	○	○	○	○	○
❑ Set targets to achieve a gender balance in the workforce	○	○	○	○	○
❑ Organise conferences and workshops on gender	○	○	○	○	○
❑ Actions to improve work-life balance	○	○	○	○	○

○ Other:

7. Was there a gender dimension associated with the research content – i.e. wherever people were the focus of the research as, for example, consumers, users, patients or in trials, was the issue of gender considered and addressed?

○ Yes- please specify

○ No

E Synergies with Science Education

8. Did your project involve working with students and/or school pupils (e.g. open days, participation in science festivals and events, prizes/competitions or joint projects)?

○ Yes- please specify

○ No

9. Did the project generate any science education material (e.g. kits, websites, explanatory booklets, DVDs)?

○ Yes- please specify

○ No

F Interdisciplinarity

10. Which disciplines (see list below) are involved in your project?

○ Main discipline[3]:
○ Associated discipline[3]:
○ Associated discipline[3]:

G Engaging with Civil society and policy makers

11a Did your project engage with societal actors beyond the research community? *(if 'No', go to Question 14)*

○ Yes
○ No

11b If yes, did you engage with citizens (citizens' panels / juries) or organised civil society (NGOs, patients' groups etc.)?

○ No
○ Yes- in determining what research should be performed
○ Yes - in implementing the research
○ Yes, in communicating /disseminating / using the results of the project

[3] Insert number from list below (Frascati Manual).

11c In doing so, did your project involve actors whose role is mainly to organise the dialogue with citizens and organised civil society (e.g. professional mediator; communication company, science museums)?	○ ○	Yes No

12. Did you engage with government / public bodies or policy makers (including international organisations)

- ○ No
- ○ Yes- in framing the research agenda
- ○ Yes - in implementing the research agenda
- ○ Yes, in communicating /disseminating / using the results of the project

13a Will the project generate outputs (expertise or scientific advice) which could be used by policy makers?

- ○ Yes – as a **primary** objective (please indicate areas below- multiple answers possible)
- ○ Yes – as a **secondary** objective (please indicate areas below - multiple answer possible)
- ○ No

13b If Yes, in which fields?

Agriculture		Energy		Human rights	
Audiovisual and Media		Enlargement		Information Society	
Budget		Enterprise		Institutional affairs	
Competition		Environment		Internal Market	
Consumers		External Relations		Justice, freedom and security	
Culture		External Trade		Public Health	
Customs		Fisheries and Maritime Affairs		Regional Policy	
Development Economic and Monetary Affairs		Food Safety		Research and Innovation	
		Foreign and Security Policy		Space	
Education, Training, Youth		Fraud		Taxation	
Employment and Social Affairs		Humanitarian aid		Transport	

13c If Yes, at which level?

- ○ Local / regional levels
- ○ National level
- ○ European level
- ○ International level

H Use and dissemination

14. How many Articles were published/accepted for publication in peer-reviewed journals?	
To how many of these is open access[4] provided?	
How many of these are published in open access journals?	
How many of these are published in open repositories?	
To how many of these is open access not provided?	
Please check all applicable reasons for not providing open access:	
❑ publisher's licensing agreement would not permit publishing in a repository ❑ no suitable repository available ❑ no suitable open access journal available ❑ no funds available to publish in an open access journal ❑ lack of time and resources ❑ lack of information on open access ❑ other[5]: ……	

15. How many new patent applications ('priority filings') have been made? *("Technologically unique": multiple applications for the same invention in different jurisdictions should be counted as just one application of grant).*		
16. Indicate how many of the following Intellectual Property Rights were applied for (give number in each box).	Trademark	
	Registered design	
	Other	
17. How many spin-off companies were created / are planned as a direct result of the project?		
Indicate the approximate number of additional jobs in these companies:		

18. Please indicate whether your project has a potential impact on employment, in comparison with the situation before your project:

❑ Increase in employment, or	❑ In small & medium-sized enterprises
❑ Safeguard employment, or	❑ In large companies
❑ Decrease in employment,	❑ None of the above / not relevant to the project
❑ Difficult to estimate / not possible to quantify	

19. For your project partnership please estimate the employment effect resulting directly from your participation in Full Time Equivalent (*FTE = one person working fulltime for a year*) jobs:	*Indicate figure:*

[4] Open Access is defined as free of charge access for anyone via Internet.
[5] For instance: classification for security project.

Difficult to estimate / not possible to quantify	❑

I Media and Communication to the general public

20. As part of the project, were any of the beneficiaries professionals in communication or media relations?

○ Yes ○ No

21. As part of the project, have any beneficiaries received professional media / communication training / advice to improve communication with the general public?

○ Yes ○ No

22 Which of the following have been used to communicate information about your project to the general public, or have resulted from your project?

❑	Press Release	❑	Coverage in specialist press
❑	Media briefing	❑	Coverage in general (non-specialist) press
❑	TV coverage / report	❑	Coverage in national press
❑	Radio coverage / report	❑	Coverage in international press
❑	Brochures /posters / flyers	❑	Website for the general public / internet
❑	DVD /Film /Multimedia	❑	Event targeting general public (festival, conference, exhibition, science café)

23 In which languages are the information products for the general public produced?

❑	Language of the coordinator	❑	English
❑	Other language(s)		

***Question F-10*:** Classification of Scientific Disciplines according to the Frascati Manual 2002 (Proposed Standard Practice for Surveys on Research and Experimental Development, OECD 2002):

FIELDS OF SCIENCE AND TECHNOLOGY

1. NATURAL SCIENCES

1.1 Mathematics and computer sciences [mathematics and other allied fields: computer sciences and other allied subjects (software development only; hardware development should be classified in the engineering fields)]

1.2 Physical sciences (astronomy and space sciences, physics and other allied subjects)

1.3 Chemical sciences (chemistry, other allied subjects)

1.4 Earth and related environmental sciences (geology, geophysics, mineralogy, physical geography and other geosciences, meteorology and other atmospheric sciences including climatic research, oceanography, vulcanology, palaeoecology, other allied sciences)

1.5 Biological sciences (biology, botany, bacteriology, microbiology, zoology, entomology, genetics, biochemistry, biophysics, other allied sciences, excluding clinical and veterinary sciences)

2 ENGINEERING AND TECHNOLOGY

2.1 Civil engineering (architecture engineering, building science and engineering, construction engineering, municipal and structural engineering and other allied subjects)

2.2 Electrical engineering, electronics [electrical engineering, electronics, communication engineering and systems, computer engineering (hardware only) and other allied subjects]

2.3. Other engineering sciences (such as chemical, aeronautical and space, mechanical, metallurgical and materials engineering, and their specialised subdivisions; forest products; applied sciences such as

geodesy, industrial chemistry, etc.; the science and technology of food production; specialised technologies of interdisciplinary fields, e.g. systems analysis, metallurgy, mining, textile technology and other applied subjects)

3. MEDICAL SCIENCES

3.1 Basic medicine (anatomy, cytology, physiology, genetics, pharmacy, pharmacology, toxicology, immunology and immunohaematology, clinical chemistry, clinical microbiology, pathology)

3.2 Clinical medicine (anaesthesiology, paediatrics, obstetrics and gynaecology, internal medicine, surgery, dentistry, neurology, psychiatry, radiology, therapeutics, otorhinolaryngology, ophthalmology)

3.3 Health sciences (public health services, social medicine, hygiene, nursing, epidemiology)

4. AGRICULTURAL SCIENCES

4.1 Agriculture, forestry, fisheries and allied sciences (agronomy, animal husbandry, fisheries, forestry, horticulture, other allied subjects)

4.2 Veterinary medicine

5. SOCIAL SCIENCES

5.1 Psychology

5.2 Economics

5.3 Educational sciences (education and training and other allied subjects)

5.4 Other social sciences [anthropology (social and cultural) and ethnology, demography, geography (human, economic and social), town and country planning, management, law, linguistics, political sciences, sociology, organisation and methods, miscellaneous social sciences and interdisciplinary , methodological and historical S1T activities relating to subjects in this group. Physical anthropology, physical geography and psychophysiology should normally be classified with the natural sciences].

6. HUMANITIES

6.1 History (history, prehistory and history, together with auxiliary historical disciplines such as archaeology, numismatics, palaeography, genealogy, etc.)

6.2 Languages and literature (ancient and modern)

6.3 Other humanities [philosophy (including the history of science and technology) arts, history of art, art criticism, painting, sculpture, musicology, dramatic art excluding artistic "research" of any kind, religion, theology, other fields and subjects pertaining to the humanities, methodological, historical and other S1T activities relating to the subjects in this group]