

PROJECT FINAL REPORT

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Project acronym: SoCOOL@EU

Project title: Sustainable Organisation between Clusters Of Optimised Logistics @ Europe

Funding Scheme: Coordination and support action (CSA - CA)

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1 Final publishable report

1.1 Executive summary

The project SoCool@EU (Sustainable Organisation between Clusters Of Optimised Logistics @ Europe) aims to create an open European platform of excellence in the area of supply chain management and logistics in connection with hubs and gateways. Its purpose is to enable research-driven regional clusters throughout Europe to collaborate and exchange experiences for increasing sustainability and competitiveness of logistical services and (intermodal) transport operations.



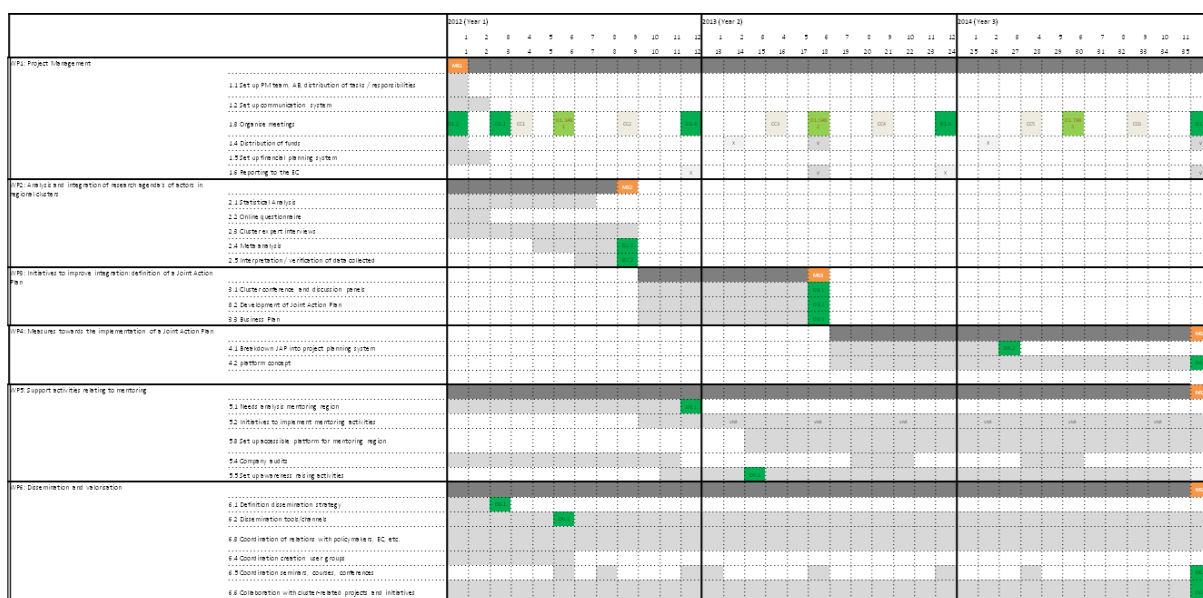
A SoCool@EU logo was created for the project in the very beginning:

The consortium consists of five clusters that represent essential areas of logistics (deep-sea hubs, airports, land-hubs and short-sea hubs). In the project the needs of the stakeholders were analysed, a strategy for international cooperation was elaborated, and adequate plans for joint action were initiated and implemented. In addition, training activities were carried out. The project has pursued its objectives especially through extensive dissemination and exploitation activities.

Five partners were involved (see the table below)

Beneficiary n°	Partner	Country
1	Dutch Institute for Advanced Logistics (DINALOG)	The Netherlands
2	House of Logistics and Mobility (HOLM)	Germany
3	Asociación Logística Innovadora de Aragón (ALIA)	Spain
4	Lund University (ULUND)	Sweden
5	Mersin Chamber of Commerce and Industry (MTSO)	Turkey

Six milestones were achieved and twenty-seven tasks were fulfilled and twenty-one deliverables were submitted within the SoCool@EU project according to the project plan (see the diagram below):



1.2 Summary description of project context and objectives

SoCool@EU (Sustainable Organisation between Clusters Of Optimised Logistics @ Europe) was funded under the 7th Framework Programme of the European Commission, Regions of Knowledge. Five world-class clusters have joined forces in this project to create an open European hub that will enable research-driven regional clusters throughout Europe to collaborate and mutually learn in order to achieve more sustainable and competitive freight gateways and hubs with associated logistical services and transport operations. Together, they build a leading network of logistics gateways in Europe:

- Dutch Institute for Advanced Logistics (DINALOG), Netherlands South West & Flanders Cluster, The Netherlands / Belgium
- House of Logistics and Mobility (HOLM), Rhein-Main Region, Germany
- Asociación Logística Innovadora de Aragón (ALIA), Region of Aragón, Spain
- Lund University, Øresund Region, Denmark / Sweden
- Mersin Chamber of Commerce and Industry, Mersin Logistics Cluster, Turkey

Operational objectives of SoCool@EU are:

- fostering trans-national cooperation between research driven clusters as well as mutual learning between regional actors;
- developing and implementing joint action plans at the European level to increase regional economic competitiveness;
- supporting the internationalisation of the regional research-driven clusters;
- mentoring regions with a less developed research profile.

1.3 Description of the main S&T results/foregrounds

The overall objective of SoCool@EU and the sub-objectives (as included in Annex I to the Grant Agreement) have been achieved. The SoCool@EU project composes six work packages (WPs).

WP1 Project Management

The Project Coordinator has been responsible for the project coordination and communication, the assurance of the project quality, and the provision of support for WP leaders to fulfil the tasks with high quality. The project was managed successfully.



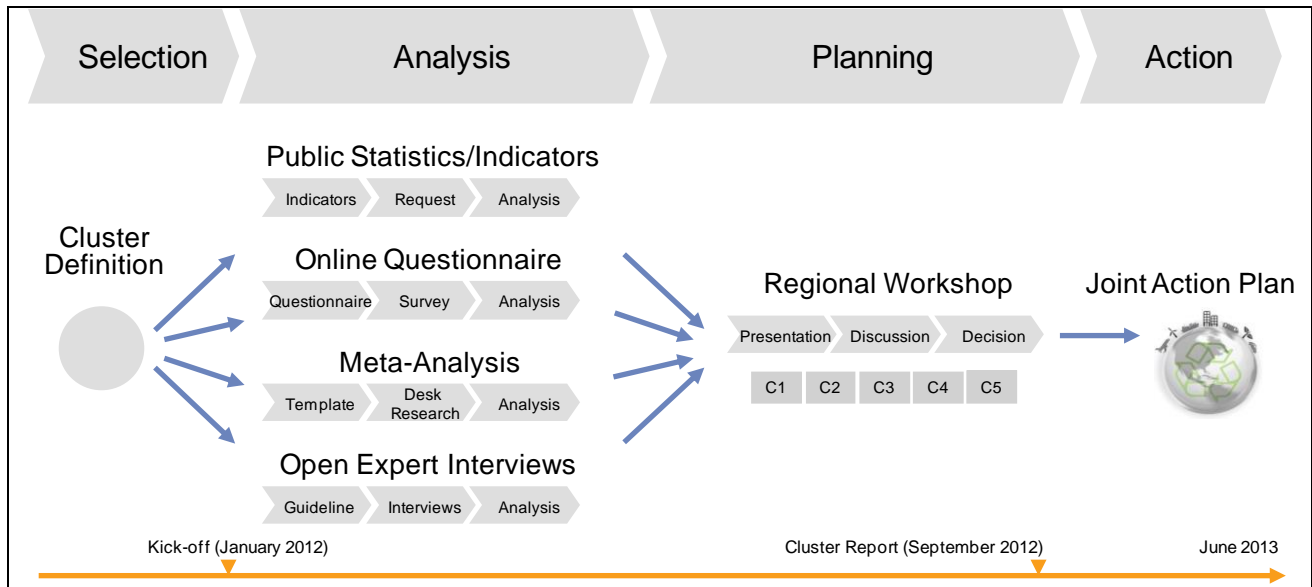
Pia Laurila (Project Officer), Consortium Partners and participating third parties at the SoCool@EU kick-off meeting on 16-17 January 2012 at the Dutch Institute for Advanced Logistics, Breda, The Netherlands



Advisory Board (AB) members, Consortium Partners and participating third parties at the SoCool@EU AB meeting on 24-05-2012 at The Maritime Development Center of Europe, Copenhagen, Denmark

WP2 Analysis and integration of research agenda's of actors in regional clusters

The work package has successfully developed a cluster analysis report on the participating logistics and transport clusters by analysing their competitiveness and giving recommendations for action for specific joint projects and topics between the clusters. The analysis was based on four well-proven qualitative and quantitative data collection instruments as pillars: public statistics, online-questionnaire, open expert interviews and meta-analysis. The results of all four data instruments were discussed and verified in regional cluster workshops. The cluster analysis report is in high demand within the regional clusters as scientific document giving valuable insights into the competitiveness and profiles of the SoCool@EU clusters.



SoCool@EU project method

WP3 Initiatives to improve integration: definition of a joint action plan

All WP3 tasks have been fulfilled successfully. The consortium has produced three deliverables to engage the SoCool@EU research-driven clusters in project- and topic-related collaboration on a future platform. The consortium has defined six fields of joint action and eleven project proposals in these fields. A clearly significant result additionally is that based on the vivid exchange with experts during the cluster conference, project partners from the clusters already interested in participation could be acquired who are keen on following up developments in WP4.



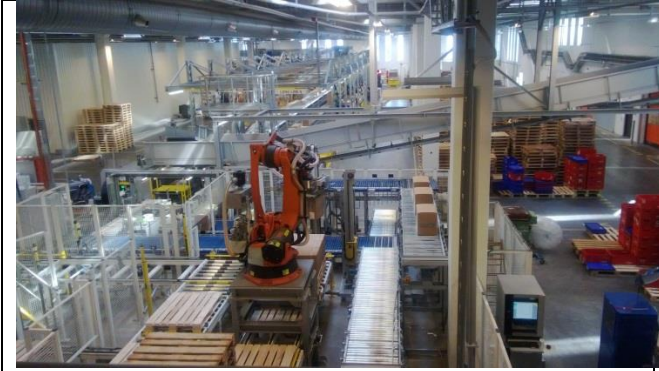
SoCool@EU cluster workshop held on 26-09-2012 at Vlaams Instituut voor de Logistiek VZW, Antwerp, Belgium



Workshop during the SoCool@EU Cluster Conference at House of Logistics & Mobility, on 11-06-2013 in Frankfurt, Germany

WP4 Measures towards the implementation of a joint action plan

The focus of WP4 is on facilitating operable projects and activities determined in the JAP (Joint Action Plan). The platform concept was defined through knowledge exchange and the result was agreed by the cluster members. The JAP was implemented during the project. For instance, an executive master programme was developed in cooperation with a group of universities in The Netherlands, Sweden, Belgium, Germany and Italy. In addition, cooperation between logistics clusters was strongly facilitated.



SoCool@EU cluster workshop on humanitarian logistics held on 31-03-2014 at UNICEF / visit UNICEF warehouse, Copenhagen, Denmark



SoCool@EU cluster workshop on green supply chain held on 10-11-2014 in The Hague, The Netherlands

WP5 Support activities relating to mentoring

All WP5 tasks have been fulfilled successfully. The consortium has finalised two deliverables, based on literature (and best practice) studies, inputs from other WPs and experience and best practices of other logistics clusters (in NL/BE, DE, ES, DK/SE), regional workshops and visits. Furthermore, a Mentoring Action Plan has been developed, i.e. a strategy on how to establish successful triple-helix cluster cooperation in the Mersin region. In addition, various logistics activities were organised or attended (including Study Tour China) for exchanging best practices and for providing support to European logistics industry (especially SMEs).



International Logistics Conference on 10-10-2013 in Mersin. The previous Turkish Minister of Economy opened the SoCool@EU event, and took a photo with the consortium partners.



A B2B matching event (especially for SMEs) was organised by Dr. Meng Lu (DINALOG) and Fevzi Filik (MTSO) on 17-06-2014 in Shanghai.



Study Tour China. Delegates were received by the consul of Turkey in Shanghai in 2014. SoCool@EU WP5 project meeting in Mersin in 2013

WP6 Dissemination and valorisation

The strategy of project dissemination has been determined at the start of the project. Dissemination tools and channels were developed and used intensively (e.g. web site, LinkedIn Group, Newsletters, Flyer and poster). Actions for establishing and reinforcing the relations with decision makers, industry, and the EC (European Commission) were taken. A regional user group was established. More than 20 cluster workshops, seminars and sessions were organised. The consortium partners attended around 47 external national and international events (e.g. conferences, summits, workshops) to promote the project and its results. In addition, the consortium has collaborated with and been involved in the European initiatives, such as ALICE and Urban Europe.



The 6th European Innovation Summit on 19-11-2014 in Brussels, Belgium (4th from left Dr. Meng Lu, SoCool@EU Coordinator)



On 06-06-2013 Máire Geoghegan-Quinn visited the SoCool@EU booth at the exhibition of the 4th Week of Innovative Regions Europe (WIRE) 2013 in Cork, Ireland



At the exhibition of the Intraregio International Conference on "A European research strategy for intermodal transport", on 17-18 April 2013 in Las Palmas de Gran Canaria, Spain

1.4 Potential impact and the main dissemination activities and exploitation of results

The project achieved all objectives and the final results are reflected in the main results of the six work packages (see above).

Potential impacts of SoCool@EU are as follows:

- Developing and integrating research-driven clusters across Europe in order to promote regional economic development and worldwide competitiveness.
- Enabling logistics clusters to benefit from best practices, and creating a dedicated and sustainable approach towards business, policy and research for a solid economic and scientific impact, and an optimal utilisation of the existing potential for growth. Economically, the collaboration between logistics clusters generates GDP growth. Scientifically the project contributes to a better alignment between research and practice/ implementation.
- Making the logistics sector more specialised, proficient and ultimately more competitive through the implementation of JAP.
- Increase the efficiency of the supply chain and diminishing the negative effects of logistics, through stimulating inter-regional cooperation.
- Creating a European logistics platform, which is open to logistics clusters and actors throughout Europe. The initial impact is substantial and will be multiplied in many other European regions.
- Supporting future public-private collaborations and using the results to further strengthen the existing research policy agenda, and delivering more effective investments in R&D based on regional strategies and business needs of the reinforcement of private and public partnerships
- Including more regions into the "Regions of Knowledge" action, into the knowledge economy, and into the European Research Area (ERA), especially through the mentoring of regions with a less developed research profile.

Main dissemination activities and exploitation of results are summarised below:

Main events organised by SoCool@EU

At least one regional workshop was held in every region as part of the WP4 activities. These workshops aimed to gather a set of local stakeholders interested in collaborating in the implementation of the SoCool@EU Joint Action Plan, collecting their feedback and points of view on the cooperation areas.

- Euro-Mediterranean International Conference: business opportunities for innovative logistics in Mersin (Turkey) on 10 October 2013
- Networking event in cooperation with ALICE platform in Zaragoza (Spain) in 2013
- International Conference Logistics Innovations in Europe in Amsterdam (The Netherlands) on 1 April 2014
- Workshop "How can we create a successful logistics cluster in the Mersin region? " in Mersin (Turkey) on 1-2 September 2014
- Green Supply Chain Workshop in The Hague (The Netherlands) on 10 November 2014
- Expert Group meeting on Urban Logistics in Frankfurt (Germany) on 9 December 2014
- Intelligent Hubs Seminar on Delft (The Netherlands) on 17 December 2014

Selected events participated by SoCool@EU partners

- SCL Summit 2013 on 25-27 June 2013 in Berlin (Germany)
- 16th TCI Annual Global Conference in Copenhagen (Denmark) on 3-6 September 2013
- Supply Chain Coordination and Collaboration meeting on 22 October 2013
- Weastflows Transnational Workshop in Lille (France) on 13 December 2013
- Transport research Arena 2014 (TRA) in Paris (France) on 14 April, 2014
- World Congress on Intelligent Transport Systems in Detroit on 7-11 September 2014
- ICTTE in Belgrade on 27-28 on November 2014

Final conference

For the final conference of the project, SoCool@EU and other two logistics-related projects (LOG2020 and LOG4GREEN) gathered their efforts and budgets to organise a joint final conference which attracted a great number of attendees. The joint final conference, entitled "*The 2014 European Forum of Logistics Clusters - Together for competitiveness*", was held on 14-15 October 2014 in Brussels.

More than 250 people were registered. During the event, international experts provided their view on cluster developments and supply chain strategies and innovation. The event highlighted the role of clusters in smart specialisation and outlined current and upcoming challenges of several supply chain topics in six parallel sessions:

- 1) Supply Chain Network Coordination and Collaboration: What will be the success factors for supply chain collaboration in the future?
- 2) Designing smart cities thanks to urban logistics: dream or reality?
- 3) E-commerce explosion: how to tackle the consequences of virtual logistics?
- 4) Green investments in supply chains: the inevitable choice towards competitiveness & resilience
- 5) Change of mode, change of mind-set: how to give intermodality more chances to expand?
- 6) Changing & challenging the logistic sector: requirements & trending topics for the near future

In addition to plenary and parallel sessions, an exhibition area hosted some stands for several European logistic regions and clusters, showing the additional logistic capabilities from these regions. A poster session including logistics-related projects was also held during the event.

1.5 Project public website and contact details

SoCool@EU web site: www.socool-logistics.eu/

Contact details:

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Partners & contact persons (WP Leaders and project managers)

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MTSO (Mersin Chamber of Commerce and Industry)	Dr. Fikret Zorlu Mr. Fevzi Filik	fikretzorlu@yahoo.com

2 Use and dissemination of foreground

Section A - Dissemination measures

The list of all scientific (peer reviewed) publications relating to the foreground of the project is included in the table A1.

The 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) is included in table A2.

See next pages.

Section B - Exploitable Foreground

Part B1

No applications for patents, trademarks, registered designs nor utility models within the SoCool@EU project.

Part B2

Type of Exploitable Foreground ²	Description of exploitable foreground	Confidential	Foreseen embargo date /mm/yyyy	Exploitable product(s) or measure(s)	Sector(s) of application ³	Timetable, commercial or any other use	Patents or other IPR exploitation (licences)	Owner & Other Beneficiary(s) involved
General advancement of knowledge	Method for cluster analysis and evaluation	No	n/a	deliverables	clusters		n/a	SoCool@EU Consortium

² A drop down list allows choosing the type of foreground: General advancement of knowledge, Commercial exploitation of R&D results, Exploitation of R&D results via standards, exploitation of results through EU policies, exploitation of results through (social) innovation.

³ A drop down list allows choosing the type sector (NACE nomenclature) : http://ec.europa.eu/competition/mergers/cases/index/nace_all.html

TEMPLATE A1: LIST OF SCIENTIFIC (PEER REVIEWED) PUBLICATIONS, STARTING WITH THE MOST IMPORTANT ONES

NO.	Title	Main author	Title of the periodical or the series	Number, date or frequency	Publisher	Place of publication	Year of publication	Relevant pages	Permanent identifiers ⁴ (if available)	Is/Will open access ⁵ provided to this publication?
1	<i>Sustainable Logistics and Supply Chains: Innovations and Integral Approaches</i>	Lu, M. (Main Editor)	n/a	July 2015	Springer	London	2015	all		yes
2	<i>Advanced logistics and supply chain management for intelligent and sustainable transport</i>	Lu, M.	<i>Proceedings: 19th World Congress on ITS</i>	<i>Paper Number: EU-00533</i>	<i>ERTICO (ITS Europe), ITS Japan & ITS America</i>	Vienna	2012	n/a		yes
3	<i>Establishment of intelligent and sustainable freight transport in Mersin</i>	Lu, M.	<i>Proceedings: 9th European Congress on Intelligent Transport Systems</i>	<i>Paper Number: TP0084</i>	<i>ERTICO (ITS Europe),</i>	Dublin	2013	n/a		yes
4	<i>Innovation Drivers of Logistics Clusters: The cases of Aragon and The Netherlands South West & Flanders</i>	Borbon-Galvez, Y.	<i>Proceedings: TCI conference 2013: Designing the future - Innovation through strategic partnerships</i>		TCI	Kolding	2013	n/a		yes
5	<i>Sustainable Freight transport systems through strengthening cluster initiatives</i>	Lu, M.	<i>Proceedings: 20th World Congress on Intelligent Transport Systems</i>	<i>Paper Number: EU-2117</i>	<i>ERTICO (ITS Europe), ITS Japan & ITS America</i>	Tokyo	2013	n/a		yes
6	<i>The European hub for regional innovation in logistics</i>	Lu, M.	<i>TRA (Transport Research Arena) 2014 Conference</i>	<i>Poster</i>	<i>TRA 2014</i>	Paris	2014	n/a		yes

⁴ A permanent identifier should be a persistent link to the published version full text if open access or abstract if article is pay per view) or to the final manuscript accepted for publication (link to article in repository).

⁵ Open Access is defined as free of charge access for anyone via Internet. Please answer "yes" if the open access to the publication is already established and also if the embargo period for open access is not yet over but you intend to establish open access afterwards.

TEMPLATE A2: LIST OF DISSEMINATION ACTIVITIES

N°	Type of activities	Main leader	Title	Date	Place	Type of audience	Size of audience	Countries addressed
1	Web sites/ Applications	ASOCIACION LOGISTICA INNOVADORA DE ARAGON	SoCool@EU LinkedIn Group	28/03/2012	n/a	Scientific community (higher education, Research) - Industry - Civil society - Policy makers - Medias		all over the world
2	Flyers	ASOCIACION LOGISTICA INNOVADORA DE ARAGON	SoCool@EU Flyer & Poster (v.01)	30/03/2012	n/a	Scientific community (higher education, Research) - Industry - Civil society - Policy makers - Medias		European countries
3	Oral presentation to a wider public	STICHTING DUTCH INSTITUTE FOR ADVANCED LOGISTICS	Dinalog Year Event 2012	4/4/2012	Etten-Leur, The Netherlands	Scientific community (higher education, Research) - Industry - Civil society - Policy makers - Medias	40	NL, BE
4	Organisation of Workshops	ASOCIACION LOGISTICA INNOVADORA DE ARAGON	CSCMP Europe, Session Clusters as catalysts for the creation of innovative & collaborative companies	25/04/2012	Frankfurt, Germany	Scientific community (higher education, Research) - Civil society - Policy makers	12	ES, DK, SE, DE
5	Posters	ASOCIACION LOGISTICA INNOVADORA DE ARAGON	Week of Innovative Regions in Europe (WIRE) 2012	4/6/2012	Krakow, Poland	Scientific community (higher education, Research) - Industry - Civil society - Policy makers - Medias	50	European countries
6	Organisation of Workshops	STICHTING DUTCH INSTITUTE FOR ADVANCED LOGISTICS	Innovatie in logistiek en intermodaal transport	13/06/2012	Breda, The Netherlands	Scientific community (higher education, Research) - Industry - Civil society - Policy makers	80	NL, BE, IT, DE
7	Exhibitions	STICHTING DUTCH INSTITUTE FOR ADVANCED LOGISTICS	SCL (Supply Chain & Logistics) Summit 2012	20/06/2012	Berlin, Germany	Industry - Civil society - Policy makers - Medias	500	European countries, US
8	Oral presentation to a wider public	STICHTING DUTCH INSTITUTE FOR ADVANCED LOGISTICS	Conference "Networks of Logistics as Means of the Europe 2020 Strategy"	28/06/2012	Frankfurt, Germany	Scientific community (higher education, Research) - Industry - Civil society - Policy makers - Medias	50	European countries
9	Web sites/Applications	ASOCIACION LOGISTICA INNOVADORA DE ARAGON	SoCool@EU web site: www.socool- logistics.eu/	30/06/2012	n/a	Scientific community (higher education, Research) - Industry - Civil society - Policy makers - Medias		all over the world

10	Exhibitions	STICHTING DUTCH INSTITUTE FOR ADVANCED LOGISTICS	World Manufacturing Forum 2014	1/7/2014	Milan	Scientific community (higher education, Research) - Industry - Civil society - Policy makers - Medias	200	most European countries, US, Canada
11	Oral presentation to a wider public	STICHTING DUTCH INSTITUTE FOR ADVANCED LOGISTICS	SCALE Round Table: food supply chain	11/7/2014	Kent	Scientific community (higher education, Research) - Industry - Civil society - Policy makers		UK, NL, FR
12	Organisation of Workshops	STICHTING DUTCH INSTITUTE FOR ADVANCED LOGISTICS	SoCool@EU Cluster Workshop	6/9/2012	Breda, The Netherlands	Scientific community (higher education, Research) - Industry - Civil society - Policy makers	15	NL, BE
13	Organisation of Workshops	LUNDS UNIVERSITET	SoCool@EU Cluster Workshop	12/9/2012	Copenhagen, Denmark	Scientific community (higher education, Research) - Industry - Civil society - Policy makers	15	DK, SE
14	Exhibitions	STICHTING DUTCH INSTITUTE FOR ADVANCED LOGISTICS	EU-China Mayors' Forum	20/09/2012	Brussels, Belgium	Scientific community (higher education, Research) - Industry - Civil society - Policy makers - Medias	100	European countries, P.R. China
15	Organisation of Workshops	Mersin Ticaret ve Sanayi Odas1	SoCool@EU Cluster Workshop	20/09/2012	Mersin, Turkey	Scientific community (higher education, Research) - Industry - Civil society - Policy makers	22	TR
16	Organisation of Workshops	STICHTING DUTCH INSTITUTE FOR ADVANCED LOGISTICS	SoCool@EU Cluster Workshop	26/09/2012	Antwerpen, Belgium	Scientific community (higher education, Research) - Industry - Civil society - Policy makers	20	NL, BE
17	Organisation of Workshops	HOUSE OF LOGISTICS & MOBILITY (HOLM) GMBH	SoCool@EU Cluster Workshop	27/09/2012	Frankfurt, Germany	Scientific community (higher education, Research) - Industry - Civil society - Policy makers	20	DE
18	Organisation of Workshops	ASOCIACION LOGISTICA INNOVADORA DE ARAGON	SoCool@EU Cluster Workshop	2/10/2012	Zaragoza, Spain	Scientific community (higher education, Research) - Industry - Civil society - Policy makers	35	ES
19	Oral presentation to a wider public	STICHTING DUTCH INSTITUTE FOR ADVANCED LOGISTICS	Deutscher Logistik Kongress / EuroLog	18/10/2012	Berlin, Germany	Scientific community (higher education, Research) - Industry - Civil society - Policy makers - Medias	30	Germany
20	Oral presentation to a wider public	ASOCIACION LOGISTICA INNOVADORA DE ARAGON	Open Days 2012	19/10/2012	Zaragoza, Spain	Scientific community (higher education, Research) - Industry - Civil society - Policy makers - Medias	50	Spain
21	Oral presentation to a wider public	STICHTING DUTCH INSTITUTE FOR ADVANCED LOGISTICS	The 19th World Congress on Intelligent Transport Systems	22/10/2012	Vienna, Austria	Scientific community (higher education, Research) - Industry - Civil society - Policy makers - Medias	40	all Western Europe, some Eastern Europe, Asia-Pacific, North America

22	Organisation of Workshops	STICHTING DUTCH INSTITUTE FOR ADVANCED LOGISTICS	Europa Forum	15/01/2013	Breda, The Netherlands	Scientific community (higher education, Research) - Industry - Civil society - Policy makers	50	NL, BE, DE
23	Organisation of Workshops	Mersin Ticaret ve Sanayi Odas1	SoCool@EU Cluster Workshop	28/01/2013	Mersin, Turkey	Scientific community (higher education, Research) - Industry - Civil society - Policy makers	20	TR
24	Oral presentation to a wider public	STICHTING DUTCH INSTITUTE FOR ADVANCED LOGISTICS	EC Thematic workshop on sustainable transport	26/02/2013	Brussels, Belgium	Scientific community (higher education, Research) - Civil society - Policy makers	20	NL, BE, DE, ES, AT, FR, IT
25	Exhibitions	STICHTING DUTCH INSTITUTE FOR ADVANCED LOGISTICS	Dialog Year Event 2013	4/4/2013	Breda, The Netherlands	Scientific community (higher education, Research) - Industry - Civil society - Policy makers - Medias	500	NL, BE, US
26	Exhibitions	STICHTING DUTCH INSTITUTE FOR ADVANCED LOGISTICS	Sustainable Urban Transport 2013	11/4/2013	Gothenburg, Sweden	Scientific community (higher education, Research) - Industry - Civil society - Policy makers	80	European countries
27	Oral presentation to a wider public	STICHTING DUTCH INSTITUTE FOR ADVANCED LOGISTICS	INTRAREGIO International Conference on "A European research strategy for intermodal transport"	17/04/2013	Las Palmas de Gran Canaria, Spain	Scientific community (higher education, Research) - Industry - Civil society - Policy makers - Medias	70	European countries
28	Exhibitions	STICHTING DUTCH INSTITUTE FOR ADVANCED LOGISTICS	INTRAREGIO International Conference on "A European research strategy for intermodal transport"	17/04/2013	Las Palmas de Gran Canaria, Spain	Scientific community (higher education, Research) - Industry - Civil society - Policy makers - Medias	15	European countries
29	Flyers	ASOCIACION LOGISTICA INNOVADORA DE ARAGON	SoCool@EU Flyer (v.02)	22/04/2013	n/a	Scientific community (higher education, Research) - Industry - Civil society - Policy makers - Medias		European countries
30	Flyers	ASOCIACION LOGISTICA INNOVADORA DE ARAGON	SoCool@EU Newsletter No.1	2/5/2013	n/a	Scientific community (higher education, Research) - Industry - Civil society - Policy makers - Medias		European countries
31	Organisation of Workshops	STICHTING DUTCH INSTITUTE FOR ADVANCED LOGISTICS	EU-China Urbanisation Workshop - sub-session "Urban mobility"	31/05/2013	Foshan, P.R. China	Scientific community (higher education, Research) - Industry - Civil society - Policy makers - Medias	30	CN, SE, FR, AT, NL, IT, DE
32	Oral presentation to a wider public	ASOCIACION LOGISTICA INNOVADORA DE ARAGON	Logistics Clusters Forum	3/6/2013	Cairo, Egypt	Scientific community (higher education, Research) - Industry - Civil society - Policy makers - Medias	40	European countries

33	Oral presentation to a wider public	STICHTING DUTCH INSTITUTE FOR ADVANCED LOGISTICS	The 9th European Congress on Intelligent Transport Systems	5/6/2013	Dublin, Ireland	Scientific community (higher education, Research) - Industry - Civil society - Policy makers - Medias	30	all Western Europe, some Eastern Europe, Asia-Pacific, North America
34	Posters	ASOCIACION LOGISTICA INNOVADORA DE ARAGON	Week of Innovative Regions in Europe (WIRE) 2013	6/6/2013	Cork, Ireland	Scientific community (higher education, Research) - Civil society - Policy makers - Medias	50	European countries
35	Organisation of Conference	HOUSE OF LOGISTICS & MOBILITY (HOLM) GMBH	SoCool@EU Cluster Conference	11/6/2013	Frankfurt, Germany	Scientific community (higher education, Research) - Industry - Civil society - Policy makers	40	NL, DE, ES, SE, DK, TR
36	Organisation of Workshops	Mersin Ticaret ve Sanayi Odas1	SoCool@EU Cluster Workshop	19/06/2013	Mersin, Turkey	Scientific community (higher education, Research) - Industry - Civil society - Policy makers	15	TR
37	Organisation of Workshops	STICHTING DUTCH INSTITUTE FOR ADVANCED LOGISTICS	SCL Summit - Session "Innovative clusters as an effective supply chain collaboration tool"	27/06/2013	Berlin, Germany	Scientific community (higher education, Research) - Industry - Civil society - Policy makers - Medias	50	European countries
38	Web sites/Applications	ASOCIACION LOGISTICA INNOVADORA DE ARAGON	joint LinkedIn Group SoCool@EU, Intraregio and Log4Green	28/06/2013	n/a	Scientific community (higher education, Research) - Industry - Civil society - Policy makers - Medias		all over the world
39	Flyers	ASOCIACION LOGISTICA INNOVADORA DE ARAGON	SoCool@EU Newsletter No.2	29/07/2013	n/a	Scientific community (higher education, Research) - Industry - Civil society - Policy makers - Medias		NL, BE, DE, ES, SE, DK, TR
40	Organisation of Workshops	STICHTING DUTCH INSTITUTE FOR ADVANCED LOGISTICS	International collaboration	21/08/2013	Breda, The Netherlands	Scientific community (higher education, Research) - Industry - Policy makers	13	CN, NL
41	Oral presentation to a wider public	STICHTING DUTCH INSTITUTE FOR ADVANCED LOGISTICS	2nd Annual World Congress of Ocean	24/09/2013	Hangzhou, China	Scientific community (higher education, Research) - Industry - Civil society - Policy makers - Medias		CN, US, DE, FR, NL, IT, SE
42	Oral presentation to a wider public	STICHTING DUTCH INSTITUTE FOR ADVANCED LOGISTICS	3rd Low Carbon Earth Summit 2013	27/09/2013	Xian, China	Scientific community (higher education, Research) - Industry - Civil society - Policy makers - Medias		CN, US, DE, FR, NL, IT, SE
43	Exhibitions	STICHTING DUTCH INSTITUTE FOR ADVANCED LOGISTICS	International Conference on Operations Research	4/9/2013	Rotterdam	Scientific community (higher education, Research) - Civil society - Policy makers - Medias		European countries, US, P.R. China
44	Organisation of Workshops	LUNDS UNIVERSITET	16th TCI Annual Global Conference "Designing the Future - Innovation through Strategic Partnerships"	5/9/2013	Kolding, Denmark	Scientific community (higher education, Research) - Industry - Civil society - Policy makers - Medias		European countries

45	Oral presentation to a wider public	ASOCIACION LOGISTICA INNOVADORA DE ARAGON	16th TCI Annual Global Conference "Designing the Future - Innovation through Strategic Partnerships"	6/9/2013	Kolding, Denmark	Scientific community (higher education, Research) - Industry - Civil society - Policy makers - Medias		European countries
46	Exhibitions	STICHTING DUTCH INSTITUTE FOR ADVANCED LOGISTICS	Dinalog New Business Hub	11/9/2013	Breda, The Netherlands	Scientific community (higher education, Research) - Industry - Civil society - Policy makers - Medias		NL, BE
47	Organisation of Conference	Mersin Ticaret ve Sanayi Odas1	International Logisitcs Conference	10/10/2013	Mersin, Turkey	Scientific community (higher education, Research) - Industry - Civil society - Policy makers - Medias		European countries, Middle East
48	Oral presentation to a wider public	STICHTING DUTCH INSTITUTE FOR ADVANCED LOGISTICS	The 20th World Congress on Intelligent Transport Systems	16/10/2013	Tokyo, Japan	Scientific community (higher education, Research) - Industry - Civil society - Policy makers - Medias		all Western Europe, some Eastern Europe, Asia-Pacific, North America
49	Organisation of Workshops	STICHTING DUTCH INSTITUTE FOR ADVANCED LOGISTICS	Innovatie-estafette 2013	12/11/2013	Amsterdam, The Netherlands	Scientific community (higher education, Research) - Industry - Civil society - Policy makers - Medias		NL, BE
50	Organisation of Workshops	STICHTING DUTCH INSTITUTE FOR ADVANCED LOGISTICS	Innovatie Attaches Conferentie "Global Challenges in Smart Logistics"	13/11/2013	Utrecht, The Netherlands	Scientific community (higher education, Research) - Industry - Civil society - Policy makers - Medias		NL, BE
51	Oral presentation to a wider public	STICHTING DUTCH INSTITUTE FOR ADVANCED LOGISTICS	SoCool@EU and related activites	13/02/2014	Bremen, Germany	Scientific community (higher education, Research) - Industry - Civil society - Medias	60	DE, NL, IT, PL, Ukraine, Korea, China, Russia, Cameroon
52	Organisation of Workshops	ASOCIACION LOGISTICA INNOVADORA DE ARAGON	Regional workshop in Aragón	11/3/2014	Zaragoza, Spain	Scientific community (higher education, Research) - Industry - Civil society	25	Spain
53	Organisation of Conference	STICHTING DUTCH INSTITUTE FOR ADVANCED LOGISTICS	Logistics Innovations in Europe	1/4/2014	Amsterdam, The Netherlands	Scientific community (higher education, Research) - Industry - Civil society - Policy makers - Medias	475	14 European countries; 1 Africa, 1 Indonesia
54	Posters	STICHTING DUTCH INSTITUTE FOR ADVANCED LOGISTICS	The European hub for regional innovation in logistics	15/04/2014	Paris, France	Scientific community (higher education, Research) - Industry - Civil society - Policy makers - Medias	50	most European countries, especially member states
55	Organisation of Workshops	STICHTING DUTCH INSTITUTE FOR ADVANCED LOGISTICS	Sustainable logistics in Europe: How to make freight transport more profitable while mitigating negative impacts	3/6/2014	Breda, The Netherlands	Scientific community (higher education, Research) - Industry - Civil society	40	NL, BE, FR, IT, GR, UK, DE, LU
56	Exhibitions	STICHTING DUTCH INSTITUTE FOR ADVANCED LOGISTICS	EPCSA Conference "Intelligent Exchange"	4/6/2014	Civitavecchia	Scientific community (higher education, Research) - Industry - Civil society - Policy makers	100	European countries

57	Organisation of Workshops	STICHTING DUTCH INSTITUTE FOR ADVANCED LOGISTICS	Study Tour China	17/06/2014	Shanghai, Yiwu, Gunagzhou, Shenzhen, Hong Kong	Scientific community (higher education, Research) - Industry - Civil society - Policy makers - Medias	1000	most European countries, P.R. China, Hong Kong
58	Organisation of Workshops	STICHTING DUTCH INSTITUTE FOR ADVANCED LOGISTICS	Healthcare collaboration Summit	19/06/2014	Antwerp	Scientific community (higher education, Research) - Industry - Civil society - Policy makers	30	NL, BE, UK, DE, FR, IT
59	Oral presentation to a wider public	STICHTING DUTCH INSTITUTE FOR ADVANCED LOGISTICS	Innovative Solutions for Sustainable Urban Freight Transport	10/9/2014	Detroit	Scientific community (higher education, Research) - Industry - Civil society - Policy makers - Medias	40	European, Asian and American
60	Oral presentation to a wider public	STICHTING DUTCH INSTITUTE FOR ADVANCED LOGISTICS	Innovations for sustainable logistics and supply chain	30/09/2014	Bologna	Scientific community (higher education, Research) - Industry - Civil society - Policy makers - Medias	300	most European countries, especially member states
61	Oral presentation to a wider public	STICHTING DUTCH INSTITUTE FOR ADVANCED LOGISTICS	International Conference on Urban Futures-Squaring Circles: Europe, China and the World in 2050	11/10/2014	Lisbon	Scientific community (higher education, Research) - Industry - Civil society - Policy makers	100	most European countries, P.R. China, Hong Kong, US, Mexico
62	Organisation of Conference	STICHTING DUTCH INSTITUTE FOR ADVANCED LOGISTICS	joint final conference SoCool@EU+Log4Green+LOG2020	14/10/2014	Brussels	Scientific community (higher education, Research) - Industry - Civil society - Policy makers	100	NL, BE, SE, DK, TR, DE, ES, IT, FR, PL, GR, UK, NO, FI, US
63	Organisation of Workshops	STICHTING DUTCH INSTITUTE FOR ADVANCED LOGISTICS	Green supply chain	10/11/2014	The Hague & Rotterdam, The Netherlands	Scientific community (higher education, Research) - Industry - Civil society - Policy makers	25	NL, BE, FR, IT, DE, TR
64	Oral presentation to a scientific event	STICHTING DUTCH INSTITUTE FOR ADVANCED LOGISTICS	Innovations for Freight Transport Systems	13/11/2014	Mestre, Venice	Scientific community (higher education, Research) - Industry - Civil society - Policy makers	30	European, Asian and North American
65	Oral presentation to a scientific event	STICHTING DUTCH INSTITUTE FOR ADVANCED LOGISTICS	Advanced logistics for sustainable urban areas	27/11/2014	Belgrade	Scientific community (higher education, Research) - Industry - Civil society - Policy makers	50	most European countries
66	Oral presentation to a scientific event	STICHTING DUTCH INSTITUTE FOR ADVANCED LOGISTICS	Synchromodal supply chain management	28/11/2014	Belgrade	Scientific community (higher education, Research) - Industry - Civil society - Policy makers	50	most European countries
67	Exhibitions	STICHTING DUTCH INSTITUTE FOR ADVANCED LOGISTICS	Workshop: Sustainable and efficient supply strategies and practices for food and consumer goods	4/12/2014	Milan	Scientific community (higher education, Research) - Industry - Civil society	60	IT, DE, BE, NL, UK, PL
68	Organisation of Workshops	HOUSE OF LOGISTICS & MOBILITY (HOLM) GMBH	Exprt Group meeting: last mile logistics	9/12/2014	Frankfurt	Scientific community (higher education, Research) - Industry - Civil society	75	DE, NL, DK, UK

69	Organisation of Conference	STICHTING DUTCH INSTITUTE FOR ADVANCED LOGISTICS	Seminar "intelligent hubs"	17/12/2014	Delft	Scientific community (higher education, Research) - Industry - Civil society		NL, DE, TR
70	Organisation of Workshops	STICHTING DUTCH INSTITUTE FOR ADVANCED LOGISTICS	Empowering collaboration of logistics clusters	19/12/2014	Mersin	Scientific community (higher education, Research) - Industry - Civil society	40	TR, NL

3 Report on societal implications

A General Information (completed automatically when Grant Agreement number is 28708)	
Grant Agreement Number: 287080	
Title of Project: Sustainable Organisation between Clusters Of Optimised Logistics @ Europe	
Name and Title of Coordinator: Dr. Meng Lu	
B Ethics	
1. Did your project undergo an Ethics Review (and/or Screening)? <ul style="list-style-type: none"> • 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? <p>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'</p>	NO
2. Please indicate whether your project involved any of the following issues (tick box) :	
RESEARCH ON HUMANS	
• Did the project involve children?	NO
• Did the project involve patients?	NO
• Did the project involve persons not able to give consent?	NO
• Did the project involve adult healthy volunteers?	NO
• Did the project involve Human genetic material?	NO
• Did the project involve Human biological samples?	NO
• Did the project involve Human data collection?	NO
RESEARCH ON HUMAN EMBRYO/FOETUS	
• Did the project involve Human Embryos?	NO
• Did the project involve Human Foetal Tissue / Cells?	NO
• Did the project involve Human Embryonic Stem Cells (hESCs)?	NO
• Did the project on human Embryonic Stem Cells involve cells in culture?	NO
• Did the project on human Embryonic Stem Cells involve the derivation of cells from Embryos?	NO
PRIVACY	
• Did the project involve processing of genetic information or personal data (eg. health, sexual lifestyle, ethnicity, political opinion, religious or philosophical conviction)?	NO
• Did the project involve tracking the location or observation of people?	NO
RESEARCH ON ANIMALS	
• Did the project involve research on animals?	NO
• Were those animals transgenic small laboratory animals?	NO
• Were those animals transgenic farm animals?	NO
• Were those animals cloned farm animals?	NO
• Were those animals non-human primates?	NO
RESEARCH INVOLVING DEVELOPING COUNTRIES	
• Did the project involve the use of local resources (genetic, animal, plant etc)?	NO
WAS THE PROJECT OF BENEFIT TO LOCAL COMMUNITY (CAPACITY BUILDING, ACCESS TO HEALTHCARE, EDUCATION ETC)?	
• Dual Use	NO
• Research having direct military use	NO
• Research having the potential for terrorist abuse	NO

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	1	0
Work package leaders	1	3
Experienced researchers (i.e. PhD holders)	5	7
PhD Students	4	6
Other		
4. How many additional researchers (in companies and universities) were recruited specifically for this project?		12
Of which, indicate the number of men:		6
D Gender Aspects		
5. Did you carry out specific Gender Equality Actions under the project?		<input type="radio"/> Yes <input checked="" type="radio"/> No
6. Which of the following actions did you carry out and how effective were they?		
	Not at all effective	Very effective
<input type="checkbox"/> Design and implement an equal opportunity policy	○ ○ ○ ○ ○	○ ○ ○ ○ ○
<input type="checkbox"/> Set targets to achieve a gender balance in the workforce	○ ○ ○ ○ ○	○ ○ ○ ○ ○
<input type="checkbox"/> Organise conferences and workshops on gender	○ ○ ○ ○ ○	○ ○ ○ ○ ○
<input type="checkbox"/> Actions to improve work-life balance	○ ○ ○ ○ ○	○ ○ ○ ○ ○
<input type="radio"/> Other: <input type="text"/>		
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?		
<input type="radio"/> Yes- please specify <input type="text"/> <input checked="" type="radio"/> 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)?		
<input type="radio"/> Yes- please specify <input type="text"/> <input checked="" type="radio"/> No		
9. Did the project generate any science education material (e.g. kits, websites, explanatory booklets, DVDs)?		
<input checked="" type="radio"/> Yes - please specify <input type="text" value="Website, training programme"/> <input type="radio"/> No		
F Interdisciplinarity		
10. Which disciplines (see list below) are involved in your project?		
<input checked="" type="checkbox"/> Main discipline ⁶ : 2.3 <input checked="" type="checkbox"/> Associated discipline ^{Error! Bookmark not defined.} : 5.4		

⁶ Insert number from list below (Frascati Manual).

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)	<input checked="" type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No																																																
11b	If yes, did you engage with citizens (citizens' panels / juries) or organised civil society (NGOs, patients' groups etc.)?	<input type="radio"/> No <input type="radio"/> Yes- in determining what research should be performed <input type="radio"/> Yes - in implementing the research <input checked="" type="radio"/> Yes, in communicating /disseminating / using the results of the project																																																	
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)?	<input checked="" type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No																																																
12.	Did you engage with government / public bodies or policy makers (including international organisations)	<input type="radio"/> No <input type="radio"/> Yes- in framing the research agenda <input type="radio"/> Yes - in implementing the research agenda <input checked="" type="radio"/> 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?	<input checked="" type="radio"/> Yes – as a primary objective (please indicate areas below- multiple answers possible) <input type="radio"/> Yes – as a secondary objective (please indicate areas below - multiple answer possible) <input type="radio"/> No																																																	
13b	If Yes, in which fields?	<table border="1"> <tbody> <tr> <td>Agriculture</td> <td>Energy</td> <td>Human rights</td> <td></td> </tr> <tr> <td>Audiovisual and Media</td> <td>Enlargement</td> <td>Information Society</td> <td></td> </tr> <tr> <td>Budget</td> <td>Enterprise</td> <td>Institutional affairs</td> <td></td> </tr> <tr> <td>Competition</td> <td>Environment</td> <td>Internal Market</td> <td></td> </tr> <tr> <td>Consumers</td> <td>External Relations</td> <td>Justice, freedom and security</td> <td></td> </tr> <tr> <td>Culture</td> <td>External Trade</td> <td>Public Health</td> <td></td> </tr> <tr> <td>Customs</td> <td>Fisheries and Maritime Affairs</td> <td>Regional Policy</td> <td></td> </tr> <tr> <td>Development Economic and Monetary Affairs</td> <td>Affairs</td> <td>Research and Innovation</td> <td></td> </tr> <tr> <td>Education, Training, Youth</td> <td>Food Safety</td> <td>Space</td> <td></td> </tr> <tr> <td>Employment and Social Affairs</td> <td>Foreign and Security Policy</td> <td>Taxation</td> <td></td> </tr> <tr> <td></td> <td>Fraud</td> <td>Transport</td> <td><input checked="" type="radio"/></td> </tr> <tr> <td></td> <td>Humanitarian aid</td> <td></td> <td></td> </tr> </tbody> </table>		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	Affairs	Research and Innovation		Education, Training, Youth	Food Safety	Space		Employment and Social Affairs	Foreign and Security Policy	Taxation			Fraud	Transport	<input checked="" type="radio"/>		Humanitarian aid		
Agriculture	Energy	Human rights																																																	
Audiovisual and Media	Enlargement	Information Society																																																	
Budget	Enterprise	Institutional affairs																																																	
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Employment and Social Affairs	Foreign and Security Policy	Taxation																																																	
	Fraud	Transport	<input checked="" type="radio"/>																																																
	Humanitarian aid																																																		
13c	If Yes, at which level?	<input type="radio"/> Local / regional levels <input type="radio"/> National level <input checked="" type="radio"/> European level <input type="radio"/> International level																																																	

H Use and dissemination		
14. How many Articles were published/accepted for publication in peer-reviewed journals?	0 scientific articles, 1 edited book (publisher: Springer)	
To how many of these is open access ⁷ provided?	n/a	
How many of these are published in open access journals?	n/a	
How many of these are published in open repositories?	n/a	
To how many of these is open access not provided?	n/a	
Please check all applicable reasons for not providing open access:		
<input type="checkbox"/> publisher's licensing agreement would not permit publishing in a repository <input type="checkbox"/> no suitable repository available <input type="checkbox"/> no suitable open access journal available <input type="checkbox"/> no funds available to publish in an open access journal <input type="checkbox"/> lack of time and resources <input type="checkbox"/> lack of information on open access <input type="checkbox"/> other ⁸ :	n/a	
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).	0	
16. Indicate how many of the following Intellectual Property Rights were applied for (give number in each box).	Trademark	0
	Registered design	0
	Other	0
17. How many spin-off companies were created / are planned as a direct result of the project?	0	
	<i>Indicate the approximate number of additional jobs in these companies:</i>	
0		
18. Please indicate whether your project has a potential impact on employment, in comparison with the situation before your project:		
<input checked="" type="checkbox"/> Increase in employment, or <input type="checkbox"/> Safeguard employment, or <input type="checkbox"/> Decrease in employment, <input type="checkbox"/> Difficult to estimate / not possible to quantify	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	In small & medium-sized enterprises In large companies None of the above / not relevant to the project
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:	
Difficult to estimate / not possible to quantify	x	

⁷ Open Access is defined as free of charge access for anyone via Internet.

⁸ For instance: classification for security project.

