



**Declaration on the status of the Applicant according to the State Aid discipline
(on Applicant letter headed paper)**

Title of the project:

Tracking and Tracing solutions for improvement of Intermodal transport of dangerous goods in CEE

I, the undersigned, representing

Ústecký Region

listed as ...

declare that:

1. Within the State Aid discipline, the institution I represent shall be considered:

2. In case of project approval the following activities will be implemented. Please fill in all the boxes where activities will be carried out by you:

Work Package 2

The partner will actively contribute to Media Communication and Dissemination activities following the provisions fixed in the Communication and Dissemination plan such as regular contact with relevant journalists and public relation work. The partner will constantly evaluate appearance in local press e.g. journals and newspapers, TV and radio. Furthermore the partner will contribute to the Non-Media Communication and Dissemination activities in form of thematic input to the dissemination tools such as project website, newsletter, videos etc. Furthermore the partner will actively participate in the 3 dissemination conferences.

you have 635 characters

(max. 1,000 characters)

Work Package 3

The partner will actively contribute to the analysis of state and the art of tracking and tracing technologies. The partner will participate in the interregional working group meetings to implement transnational cooperation with the other partners. Furthermore the partner will contribute to the Regional Stakeholder Forum meetings to integrate regional interest into the project. The partner will contribute to the development of transnational tools for tracking and tracing as basis for the pilot actions.

you have 507 characters

(max. 1,000 characters)

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č. ú. 882733379/0900

Work Package 4

The partner will contribute to the implementation of one transnational pilot action for the practical testing of tracking and tracing technologies. The partner will participate in the interregional working group meetings to implement transnational cooperation with the other partners. Furthermore the partner will contribute to the Regional Stakeholder Forum meetings to integrate regional interest into the project.

you have 416 characters

(max. 1.000 characters)

Work Package 5

The partner will contribute to the mainstreaming activities of the project by supporting the development of mainstreaming strategy and participation in Regulatory Advisory Group Meetings. Furthermore the partner will contribute to the Regional Stakeholder Forum meetings to integrate regional interest into the project. Finally the partner will actively contribute in the development of recommendations and the development of action plan.

you have 438 characters

(max. 1.000 characters)

Work Package 6

not applicable

you have 14 characters

(max. 1.000 characters)

3. In the framework of the CENTRAL EUROPE project proposal, the institution I represent shall be considered:



If the answer is "not as an undertaking", please answer questions No. 4 and 5 only.

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4. Based on the above, the activities described in the project proposal [redacted] market oriented and [redacted] affecting trade between Member States for the following reasons (please ensure consistency with the answer provided in question No. 3):

The project will analyse current situation of tracking and tracing technologies for dangerous goods in Central and Eastern Europe and test selected solutions in several pilot projects. On the basis of these results it will develop recommendations for the better application of tracking and tracing and possible improvement of framework conditions and joint European standards. Therefore the planned activities are not market oriented and are not affecting the trade between member states.

you have 489 characters

(max. 1.000 characters)

5. The institution I represent [redacted] delegate the implementation of the project or parts of the project to an in-house institution. In case of delegation to an in-house institution, please provide information on its status as undertaking/not undertaking.

not applicable

you have 15 characters

(max. 1.000 characters)

6. If the institution I represent is an undertaking, the fiscal year is from:

[redacted]
DD MM

[redacted] of every year;
DD MM

7. If the institution I represent is an undertaking, in the current fiscal year and in the two previous fiscal years:

[redacted]

it did not benefit from public funding under the "de minimis" regime

it benefited from public aid under the "de minimis" regime;

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8. If benefiting from public aid under the "de minimis" regime in the current fiscal year and in the two previous fiscal years, the following aid has been received:

Year	Amount (in €)	Date of granting (max. 80 characters)	Law/regulation according to which the contribution was awarded; please also indicated whether it is local (L), regional (R) or national (N) (max. 100 characters)
2008			
2009			
2010			
Total	Sum:		
	0,00 €		

Figures reported in the table above shall be gross (that is, before any deduction from tax or other charge). Where aid is awarded in a form other than a grant, the aid amount shall be the gross grant equivalent of the aid.

In case of project approval and of activities considered as state aid relevant:

- the contribution related to these activities will be subject to the de minimis thresholds;
- I commit myself -under penalty law- to inform the JTS if the institution I represent has received funds through the de minimis regime after the date of signature of this declaration.

I acknowledge that untruthful/false declarations, in addition to the administrative sanctions and the request of refunding unduly received contribution charged with the interests, can also be prosecuted by the penal code.


Signature

JANA VAŇHOVÁ
Name of the Signatory

27. 09. 2011
Date

HEJTMÁNKA ÚK
Title of the Signatory

Official stamp of Partner institution



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Budget Line	Work Package	PP5 - User Region						Comments
Module		Jul-Dec 2012	Jan-Jun 2013	Jul-Dec 2013	Jan-Jun 2014	Jul-Dec 214		
		1	2	3	4	5	6	
Staff	1	1 600.00	1 600.00	1 600.00	1 600.00	1 600.00	8 000.00	
	2	1 000.00	1 000.00	1 000.00	1 000.00	1 000.00	5 000.00	
	3	5 300.00	5 300.00				11 000.00	
	4			5 750.00	5 750.00		11 500.00	
	5		1 000.00	1 000.00	1 000.00	5 500.00	11 500.00	
	Sum	8 900.00	8 900.00	8 350.00	8 350.00	8 600.00	44 800.00	
Admin	1						0.00	
	2						0.00	
	3						0.00	
	4						0.00	
	5						0.00	
	Sum	0.00	0.00	0.00	0.00	0.00	0.00	
External Expertise	1						0	
	2						0	
	3	1 900	2 700				4 600	1900 Analysis, 2700 Tool develop
	4			2 300	2 300		4 600	4600 Implement Pilots
	5					2 300	2 300	Mainstreaming
	Sum	1 900	2 700	2 300	2 300	2 300	11 800	
Travel and Accommodation	1	750	200	750	750	750	2 200	
	2		200		750	1 500	2 450	
	3	750	750				1 500	
	4			1 000	1 000		2 000	
	5					750	750	
	Sum	1 500	1 150	1 750	2 500	2 250	8 950	
Meetings	1						0	
	2						0	
	3	500	500				1 000	2x RSF
	4			500	500		1 000	2x RSF
	5					800	800	1x RSF
	Sum	500	500	500	500	800	2 600	
Promotion	1						0	
	2	500	500	500	500	500	2 500	Regional promotion activities
	3						0	
	4						0	
	5						0	
	Sum	500	500	500	500	500	2 500	
Equipment	1						0	
	2						0	
	3						0	
	4						0	
	5						0	
	Sum	0	0	0	0	0	0	
Cost	1	2 500	1 000	2 500	2 500	2 500	12 500	
	2	1 000	1 000	1 000	1 000	1 000	5 000	
	3	1 200	1 200				2 400	
	4			1 500	1 500		3 000	
	5					1 000	1 000	
	Sum	5 700	3 200	5 000	5 000	3 500	23 900	

Section 3: Work plan

Work package 0

Work package name:	Project preparation
Responsible partner:	

Work package 1

Work package name:	Project management and coordination
Work package level:	
Strategic importance:	Project management and coordination

Summary description and approach (including the contribution to the project main objectives)

The WP will be responsible for the day-to-day management of the project activities, the correct reporting in terms of activities and finances and the constant monitoring and supervision of the project. The WP will ensure the successful implementation of project activities by providing well functioning management structures. In the beginning the Central Management Unit will be established as main responsible body for project management. Furthermore a partnership agreement will be signed by all partners to fix all rights and duties in the project implementation. The LP will develop a Management Handbook and an Intranet to provide comprehensible and constantly updated information on project management to the partners. Conceptual and organisational coordination of the project progress, the implementation of the work plan and the finances among the partners will take place in a half-yearly cycle in the meetings of the management group, starting with the Kick-off-meeting.

Potential problems should be identified and solutions jointly developed. The SC gives the strategic direction for the project and supervises the implementation of activities based on the established internal evaluation system. It is the final instance for decision-making and meets biannual. The CMU und supervision of the LP will coordinate the reporting process. Each partner will complete its regional progress report, including audit. These contributions will be collected by the CMU to write the overall project progress report to be sent to the JTS. After payment of ERDF funds, the respective share of the ERDF reimbursement will be transferred to the partners.

Assessment criteria for support and self-evaluation of the project will be developed together. This ensures that the project results inclusive its methodical approach will be comprehensive and evaluated in detail, independent experts will support this evaluation process. The developed indicators will be used for project steering in order to correct and influence project processes, if deviations from the original plans become be visible (project-internal monitoring). During the transnational workshops a constant evaluation project progress will take place including an evaluation of the project activities and results. A mid-term evaluation and a final evaluation should give conclusions about the success of the project and recommendations for improvements. A non audited interim financial report after 4month of the reporting period will be completed by all partners to monitor spending of expenses in accordance with the plan.

Textbox 280

you have 2583 characters

(max. 3 000 characters)

Links to other work packages:	all work packages
Responsible institution:	Ministry of Science and Economy Saxony-Anhalt
Responsible person:	Dr. J. J. J.

Title of action	Start month of Action	End month of Action	Total costs of Action
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1.1.	Fulfillment of start-up requirements	1	6	34 500,00 €
1.2.	Development of the management and internal communication	1	30	325 100,00 €
1.3.	Steering Committee and SC secretariat establishment	1	30	94 000,00 €
1.4.	Project management and other expenses	1	30	80 000,00 €
Total estimated cost (2004)				533 600 €

Outputs					
Activity		Description		Output	
1.1.	1.1.1	Draft of Cooperation Contract	2	The LP will develop a draft cooperation contract to fix all rights/ duties of the project partners and set the rules for cooperation, the partners will discuss it to agree on the final version	1 contract 15 pages
	1.1.2	Kick off Meeting	2	The LP will organise a kick off meeting in Germany to discuss all relevant issues related to the management and implementation of the project	1 day meeting, 20 participants
	1.1.3	Establishment of CMU	4	The LP will subcontract the Central Management Unit, for this purpose a tender process will be organised and the subcontractor will be selected to establish management structures	1 subcontract concluded
	1.1.4	Signature of cooperation contract	5	Based on the agreed content of the cooperation contract each partner will sign the document as legal basis for the cooperation	1 contract 15 signatures
	1.1.5				
1.2.	1.2.1	Management Handbook	2	The LP will develop a Handbook that contains all relevant information for the management of the project, contact details, regulations on reporting, audit, eligibility etc.	1 handbook, 30 pages
	1.2.2	Establishment of intranet	4	The LP will establish an intranet as part of the website to give the partner a restricted access to an area with internal information for the management of the project and an internal comm platform.	1 intranet, 10 pages
	1.2.3	Management Group Meetings	5	The MG will meet to monitor the day-to-day management of the project. It will be organised together with the WG Meetings. Further meetings in month 8, 11, 14, 17, 20, 23, 26, 29	9 meetings 1/2 day, with each 20 participants
	1.2.4	Progress Report I	8	The partners will work out the progress report I including the activity report according to the rules set out in the Interreg Programme.	1 report, 20 pages
	1.2.5	Progress Report II	14	The partners will work out the progress report II including the activity report according to the rules set out in the Interreg Programme.	1 report, 20 pages
	1.2.6	Progress Report III	20	The partners will work out the progress report III including the activity report according to the rules set out in the Interreg Programme.	1 report, 20 pages
	1.2.7	Progress Report IV	26	The partners will work out the progress report IV including the activity report according to the rules set out in the Interreg Programme.	1 report, 20 pages
	1.2.8	Progress Report V	30	The partners will work out the progress report V including the activity report according to the rules set out in the Interreg Programme.	1 report, 20 pages
	1.2.9	Final Report	30	The LP will write the final report with contributions from all partners to summarise the results of the project and evaluate the achievement of the set objectives.	1 report, 30 pages
	1.2.10				
1.3.	1.3.1	Criteria Evaluation	3	The partners will develop criteria for the evaluation of the project in the beginning to agree on a joint standard for project monitoring	1 criteria set 15 indicators
	1.3.2	Steering Committee Meeting	5	The SC will meet in Italy to discuss and monitor the progress of the project, especially in view of starting the project, and establishment of management structures	1/2 day meeting 25 participants
	1.3.3	Steering Committee Meeting	11	The SC will meet in Austria to discuss and monitor the progress of the project, especially in view of results of WP3, The SG and Advisory Group Meeting will be organised together.	1/2 day meeting 25 participants

1.3	1.3.4	Mid Term Evaluation	15	Based on the developed criteria the partners will implement the mid-term evaluation to assess preliminary results and give recommendations for improvements	1 evaluation report, 20 pages
	1.3.5	Steering Committee Meeting	17	The SC will meet in Slovenia to discuss and monitor the progress of the project especially in view of the mid-term evaluation,	1/2 day meeting 25 participants
	1.3.6	Steering Committee Meeting	23	The SC will meet in Poland to discuss and monitor the progress of the project, especially in view of discussing results from the pilot projects in WP4	1/2 day meeting 25 participants
	1.3.7	Final Evaluation	28	Based on the developed criteria the partners will implement the final evaluation to assess results and give recommendations future activities.	1 evaluation report, 20 pages
	1.3.8	Steering Committee Meeting	29	The SC will meet in Italy to discuss and monitor the progress of the project, in view of results of WP5 for the development of the action plan and finalisation of the project, The SG and Final Dissemination Conference will be organised together.	1/2 day meeting 25 participants
	1.3.9				
1.4	1.4.1	Interim Financial Report	4	All partners complete a non-audited interim financial report for 4month period for internal financial management purposes, further interim reports will follow in month 10, 16, 22, 28	15 interim financial reports for each period
	1.4.2	Auditing of Expenses PR I	8	All partners will audit the expenses of the first reporting period. On the basis of all contributions, the LP will work out the Project Progress Report.	15 audits
	1.4.3	Transfer of ERDF to Partners	11	After payment from the JTS, the LP transfers the respective share of funds to the partners. Further transfer of ERDF will follow after each reporting period in month 17, 23, 29, 35	Transfer of ERDF to each partner
	1.4.4	Auditing of Expenses PR II	14	All partners will audit the expenses of the first reporting period. On the basis of all contributions, the LP will work out the Project Progress Report.	15 audits
	1.4.5	Auditing of Expenses PR III	20	All partners will audit the expenses of the first reporting period. On the basis of all contributions, the LP will work out the Project Progress Report.	15 audits
	1.4.6	Auditing of Expenses PR IV	26	All partners will audit the expenses of the first reporting period. On the basis of all contributions, the LP will work out the Project Progress Report.	15 audits
	1.4.7	Auditing of Expenses PR V	30	All partners will audit the expenses of the first reporting period. On the basis of all contributions, the LP will work out the Project Progress Report.	15 audits
	1.4.8				

Activities outside Central Europe area, but within EU:

please describe the activities and the planned benefits for the Central Europe area.

not applicable

Activities in Third Countries:

please describe the activities and the planned benefits for the Central Europe area.

not applicable

Indicate the planned ERDF for these activities:

Amount: 0,00 €

Work package 2

Work package name: Communication, knowledge management and dissemination

Work package level

Strategic research objectives: Enhance the project promotion of output and impact

Summary description and approach (including the contribution to the project main objectives)

WP2 has the objective to disseminate the project results to a broad range of relevant stakeholders outside the project in order to promote the success of project activities and to increase the awareness for the project. The main target group for the ChemLog T&T project are representatives from chemical companies, logistic service provider, regional and national authorities and academia. The project will intensively communicate with existing logistic networks and industry cluster structures in the regions to integrate them into the project; Communication is considered to be of vital importance for the success of the project. WP2 will be coordinated by Ministry of Science and Economy Saxony-Anhalt.

In order to implement activities in WP2, a dissemination and communication plan will be developed at the beginning of the project to set targets, give guidelines, and standard information for all project partners for transnational and regional communication activities, and define a logo for the co-operation project. The project plans to organise three large dissemination conferences in the beginning, in the middle and at the end of the various phases of the project to promote the project objectives, work and results to a broad audience. Approximately 100 participants are expected to attend these meetings. Furthermore, 5 press conferences will be organised alongside the project meetings such as Steering Group or Dissemination Conferences, to communicate the project work towards the media. The project will use a large set of communication tools to disseminate project achievements. In the beginning of the project an A4 project flyer will be produced to give short and clear

information about ChemLog T&T. Furthermore, a Poster Stand will be developed that will be used for the participation in other events. 4 Newsletters (8 Pages) and 3 short youtube videos will be developed to constantly report about the progress of the project, and a project website will be established under www.chemlog-tt.info to provide all information (Brochures, Newsletters, Event information, Studies etc) online. The ChemLog T&T website will be linked to the existing website of ChemLog and the European Chemical Regions Network and other networks and cluster initiatives. There will be an intensive exchange of information among these websites to promote activities at different levels. At the end of the project the achievements will be summarised in a final brochure that gives the main conclusion of the cooperation and is directed to other European regions interested in cluster activities for the promotion of innovation.

Textbox 281

you have 2625 characters

(max. 3 000 characters)

Links to other work packages

The results from the thematic work packages WP 3, WP4 and WP5 will be used for the dissemination to the relevant target group and media.

Textbox 282

you have 135 characters

(max. 150 characters)

Responsible partner	LP: Ministry of Science and Economy Saxony-Anhalt															
Involved partners	LP	<input checked="" type="checkbox"/>	PP1	<input checked="" type="checkbox"/>	PP2	<input checked="" type="checkbox"/>	PP3	<input checked="" type="checkbox"/>	PP4	<input checked="" type="checkbox"/>	PP5	<input checked="" type="checkbox"/>	PP6	<input checked="" type="checkbox"/>	PP7	<input checked="" type="checkbox"/>
		<input checked="" type="checkbox"/>	PP8	<input checked="" type="checkbox"/>	PP9	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>
		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>

Title of action	Start month of Action	End month of Action	Total costs of Action
Dissemination and communication plan	1	30	48 000,00 €
Dissemination and communication plan	1	30	237 950,00 €

2.2.12	Final Dissemination Conference Italy	29	<input type="checkbox"/>	The conference will be used to disseminate and communication the final results and recommendations of the project to a broader audience and focused target group	1 day conference, 150 participants
2.2.13	You tube video	29	<input type="checkbox"/>	The project will produce a short video to show activities and outcomes of the cooperation, the video will be uploaded on the project webpage and on youtube	1 you tube video 5 minutes
2.2.14	Final Brochure	29	<input type="checkbox"/>	The Final Brochure will summarise the main activities and results of the project. The Brochure will be disseminated to a broad range of interested stakeholders.	1 Brochure, 20 pages, 500 copies
2.2.15					

Activities outside Central Europe area, but within EU:

please describe the activities and the planned benefits for the Central Europe area.

not applicable

Activities in Third Countries:

please describe the activities and the planned benefits for the Central Europe area.

not applicable

Indicate the planned ERDF for these activities:

Amounts	0,00 €
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Work package 3

Work package name: Analysis and Tool Development

Work package level

Strategic focus and objectives	WP3 is focused on the analysis of the state of the art of T&T technologies and the needs from chemical industry and public authorities for T&T of dangerous goods, on this basis transnational t&t tool will be developed
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Summary description and approach (including the contribution to the project main objectives)

The WP3 will concentrate in the first semester on the analysis of the state of the art of tracking and tracing solutions for intermodal transport of dangerous goods in Central and Eastern Europe. Two Transnational Working Group Meetings (TWG) will be organised to discuss these contents within the project partnership. Furthermore one Regional Stakeholder Forum (RSF) will be organised in each region/country to involve relevant stakeholders from industry, logistic service providers, public authorities and research in the work. The analysis will focus on two main dimensions: 1st: from the company perspective, the supply chain of dangerous goods will be analysed in view of their needs for tracking and tracing in ensuring efficient and save transport flows and 2nd from public authority perspective, the interaction between private and public bodies will be examined in view of ensuring safety and security and developing efficient emergency and crisis management models.

On the basis of the results from the analysis and the comparison between tracking and tracing needs and T&T solutions the partners will focus their activities in the 2nd semester on the development of a specific transnational T&T tool. Again two TWG will be organised to jointly work on the development of the T&T tool and Regional Stakeholder Forums will take place in each region/country to integrate experience of relevant stakeholders:

The development of the T&T tool will be implemented in close cooperation with chemical companies, logistic service providers and railway companies. Existing solutions should be taken into account and possibly amended according to the identified needs. As general condition the T&T solutions should allow potential open access to different private and public stakeholders and of course function in a transnational dimension. A specific focus is given to possibilities of additional services, which is very important for the intermodal transport of dangerous goods. The partners will adopt the transnational T&T tool according to their needs for transnational transport alongside the selected transport routs which follow the Pan-European Corridors in West-East Direction. This transnational tool will then be practically tested in the framework of the four pilot projects in WP4.

(max. 3 000 characters)

WP3 results, the developed T&T solution will be tested in Pilot projects in WP4, results from analysis will be used for the WP5 mainstreaming

(max. 150 characters)

[illegible]

Title of action		Start month of Action	End month of Action	Total costs of Action
3.1	Analysis	1	6	192 250,00 €
3.2	Transnational Tool Development	7	12	210 500,00 €
3.3				
Total costs of the work package				402 750,00 €

In case you choose an Output as Core Output, please fill in the description in the Core Output Table below the Output table.

3.1	3.1.1	Transnational Working Group Meeting	2	<input type="checkbox"/>	the Transnational WG will meet in Germany to initiate the thematic work in WP3 with focus on the analysis phase.	1 day meeting, 25 participants
	3.1.2	Regional Stakeholder Forum	4	<input type="checkbox"/>	The RSF will bring together regional and national stakeholders (chemical companies, logistic service provider and regulatory authorities) to discuss the work of the project, integrate experience and feedback results	1 meeting in each country, 20 participants
	3.1.3	Transnational Working Group Meeting	5	<input type="checkbox"/>	The transnational WG will meet in Italy to discuss results from the analysis phase and conclusions for the tool development	1 day meeting, 25 participants
	3.1.4	Analysis state of the art and needs T&T technologies	6	<input type="checkbox"/>	The study will provide in depth analysis of different T&T solutions, which are currently used or under development, furthermore the needs of chemical companies and public authorities for T&T of dangerous goods will be identified	1 study, 50 pages
	3.1.5					

3.2	3.2.1	Transnational Working Group Meeting	8	<input type="checkbox"/>	the Transnational WG Meeting will meet in Czech Republic to discuss about the development of transnational tool for T&T	1 day meeting, 25 participants
	3.2.2	Regional Stakeholder Forum	10	<input type="checkbox"/>	The RSF will bring together regional and national stakeholders (chemical companies, logistic service provider and regulatory authorities) to discuss the work of the project, integrate experience and feedback results	1 meeting in each country, 20 participants
	3.2.3	Transnational Working Group Meeting	11	<input type="checkbox"/>	The Transnational WG Meeting will meet in Austria to decide about the adaptation or final choice of T&T solutions for the implementation of pilot project on defined transport routes	1 day meeting, 25 participants
	3.2.4	Transnational T&T tool for pilot projects	12	<input checked="" type="checkbox"/>	On the basis of joint research and in cooperation with logistic service provider the partners will select a T&T solutions and adopt it to the needs of transnational transport of dangerous goods	1 report on adopted T&T solutions, 30 pages
	3.2.5					

Core Outputs

Please describe the core outputs by specifying the major activities and their envisaged results; also outline the target groups, and the process how the results are used by these target groups (max. of 2x1000 characters).

3.2	3.2.4	On the basis of the analysis of existing tracking and tracing technologies and the identification of needs of chemical companies and logistic service provider for the intermodal transport of dangerous goods the partners will jointly develop transnational tracking and tracing tools. For this purpose a close partnership with the relevant logistic service providers will be established to have a very practical orientation of tool development. The tool development will take into account experiences of existing solutions and choose technical options according to a detailed evaluation of pro and cons for the specific needs of intermodal transport of dangerous goods. The tool development will be divided into the software part and the hardware part. The software component of the tracking and tracing tool should allow an open approach for the integration of different kind of technical solutions. Also the interaction with existing IT platforms should be considered.				
		From the hardware side, the project follows an open approach in order to give flexibility to the project partners in the choice and adaptation of specific technologies according to their needs. As the tracking and tracing tool is directly linked to the later practical testing in the pilot projects, the involved partners from the particular four pilot project will also discuss about the concrete technical option for the transnational tracking and tracing tool. The partnership will consider the different options from active and passive RFID, usage of mobile connection, satellite based tracking and tracing via GPS and potentially usage of GALILEO system. Also a mixture of different solutions can be possible. In any case the close cooperation with logistic service provider should ensure practical orientation and possibility of later usage in the real world.				

Activities outside Central Europe area, but within EU:

please describe the activities and the planned benefits for the Central Europe area.

not applicable

Activities in Third Countries:

please describe the activities and the planned benefits for the Central Europe area.

not applicable

Indicate the planned ERDF for these activities:

Amount: 0,00 €

Work package 4

Work package name: Pilot Project Implementation

Work package level

In case you choose an Output as Core Output, please fill in the description in the Core Output Table below the Output table.

Core Output	Activity	No. of Outputs	No. of Activities	Qualitative description (max. 250 characters)	Quantitative description (max. 25 characters)
4.1	4.1.1 Transnational Working Group Meeting	14	<input type="checkbox"/>	The transnational WG will meet in Slovakia to discuss the initiation of the pilot projects, involved partners from industry and logistic service provider and concrete transport route	1 day meeting 25 participants
	4.1.2 Regional Stakeholder Forum	16	<input type="checkbox"/>	The RSF will bring together regional and national stakeholders (chemical companies, logistic service provider and regulatory authorities) to discuss the work of the project with focus on initiation of pilot projects	1 meeting in each country 20 participants
	4.1.3 Pilot Project Work Plan	16	<input type="checkbox"/>	After feedback from RSF the partners will jointly develop a detailed work plan for the implementation of the four pilot projects, with time line, responsibilities and finance	1 joint work plan, 20 pages
	4.1.4				
4.2	4.2.1 Transnational Working Group Meeting	17	<input type="checkbox"/>	The transnational WG will meet in Slovenia to start the implementation of pilot projects	1 day meeting, 25 participants
	4.2.2 Transnational Working Group Meeting	20	<input type="checkbox"/>	The transnational WG will meet in Germany to monitor the implementation of pilot projects and discuss results from mid-term implementation report in order to steer future work	1 day meeting, 25 participants
	4.2.3 Pilot Project Mid Term Implementation Report	20	<input type="checkbox"/>	The partners will develop a mid-term implementation report to report about the progress of implementation of pilot project and identify potential problems for development of adopted solutions	1 report, 20 pages
	4.2.4 Regional Stakeholder Forum	21	<input type="checkbox"/>	The RSF will bring together regional and national stakeholders (chemical companies, logistic service provider and regulatory authorities) to discuss the work of the project with focus on finalisation of pilot projects	1 meeting in each country 20 participants
	4.2.5 Transnational Working Group Meeting	23	<input type="checkbox"/>	The transnational WG will meet in Poland to discuss about the results from the pilot projects and develop conclusions	1 day meeting, 25 participants
	4.2.6 Pilot Project I - Germany Poland - PEC II	23	<input checked="" type="checkbox"/>	The partners from Germany and Poland will jointly implement a pilot project for the testing of T&T tool alongside the PEC II	1 pilot project, 1 implementation report 50 pages
	4.2.7 Pilot Project II - Italy, Slovenia, Hungary - PEC V	23	<input checked="" type="checkbox"/>	The partners from Italy, Slovenia and Hungary will jointly implement a pilot project for the testing of T&T tool alongside the PEC V	1 pilot project, 1 implementation report 50 pages
	4.2.8 Pilot Project III Austria, Slovakia, Hungary - Danube	23	<input checked="" type="checkbox"/>	The partners from Austria, Slovakia and Hungary will jointly implement a pilot project for the testing of T&T tool alongside the Danube corridor.	1 pilot project, 1 implementation report 50 pages
	4.2.9 Pilot Project IV : Germany, Czech Republic, Slovakia	23	<input checked="" type="checkbox"/>	The partners from Czech Republic, Slovakia and Germany will jointly implement a pilot project for the testing of T&T tool alongside the route from	1 pilot project, 1 implementation report 50 pages
	4.2.10 Pilot Project Final Implementation Report	24	<input type="checkbox"/>	The partners will develop a final implementation report to summarise main results from the pilot projects	1 report, 30 pages
4.2.11					

Core Outputs

Please describe the core outputs by specifying the major activities and their envisaged results; also outline the target groups, and the process how the results are used by these target groups (max. of 2x1000 characters).

4.2.6	The partners from Central Germany (Otto von Guericke University Magdeburg, the Ministry of Regional Development and Transport Saxony-Anhalt, the IAW Institute for Structural Policy and Economic Development) and the Polish Chamber of Chemical Industry will jointly implement the first pilot project. This pilot is focusing on the practical testing of the transnational tracking and tracing tool which has been developed in the framework of the WP3. Within the pilot project the partners will agree on a joint transport route which is of high importance for the transport of dangerous goods. For this pilot project the partners will focus on the transport connection alongside the Pan-European Corridor II from Germany to Poland. This corridor connects important chemical locations in Central Germany (e.g. Bitterfeld, Leuna) with the heart of the Polish chemical industry located in the Warsaw area (Plock). The corridor leads from Central Germany to Berlin via
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		Warsaw with final destination in Moscow. The PP will work on the connection from Germany to Poland but also potential for extension of tracking and tracing to Russia will be examined. The PP will be carried out in close cooperation with chemical companies as supplier and client of chemical goods. The logistics service provider will play a central role for the implementation of pilot project as actual carrier of intermodal transport. They will take over investment in hardware and connect relevant dataflow with the information platform which has been established under WP3. The pilot project will use real transport of dangerous goods and therefore ensure the development of practical conclusions. After the finalisation of the pilot a detailed analysis of strengths and weaknesses of the applied solution will be implemented in order to develop recommendations for possible improvements and later usage in the real world. PP Coordinator is Ministry of Transport
	4.2.7	<p>Pilot Project II - Italy, Slovenia, Hungary, Poland</p> <p>The partners from Italy (Province of Novara, CircleCap, CIMA Foundation and La Spezia Port Authority) the MAG Hungarian Development Center and the Slovenian Partner University Maribor will jointly implement the 2nd pilot project. This pilot is focusing on the practical testing of the transnational tracking and tracing tool which has been developed in the framework of the WP3. Within the pilot project the partners will agree on a joint transport route which is of high importance for the transport of dangerous goods. For this pilot project the partners will focus on the transport connection alongside the Pan-European Corridor V from Italy via Slovenia to Hungary. This corridor connects important chemical locations in Northern Italy (Novara, Piedmont and Lombardia) with the important of the Slovenian and Hungarian chemical industry locations. The corridor leads from Novara via Slovenia via Budapest to Eastern Border of Hungary, continuing via Ukraine.</p> <p>with final destination in Moscow. The PP will work on the connection from Italy to Slovenia and Hungary but also potential for extension of tracking and tracing to Ukraine and Russia will be examined. The PP will be carried out in close cooperation with chemical companies as supplier and client of chemical goods. The logistics service provider will play a central role for the implementation of pilot project as actual carrier of intermodal transport. They will take over investment in hardware and connect relevant dataflow with the information platform which has been established under WP3. The pilot project will use real transport of dangerous goods and therefore ensure the development of practical conclusions. After the finalisation of the pilot a detailed analysis of strengths and weaknesses of the applied solution will be implemented in order to develop recommendations for possible improvements and later usage in the real world. PP Coordinator is the Province of Novara</p>
	4.2.8	<p>Pilot Project III - Austria, Slovakia, Hungary, Danube</p> <p>The partners from Austria (FH OÖ Research and Development) Slovakia (Association of chemical and pharmaceutical industry of Slovak Republic) and Hungary (MAG Economic Development Center) will jointly implement the 3rd pilot project. This pilot is focusing on the practical testing of the transnational tracking and tracing tool which has been developed in the framework of the WP3. Within the pilot project the partners will agree on a joint transport route which is of high importance for the transport of dangerous goods. For this pilot project the partners will focus on the transport connection alongside the Danube river from Austria via Slovakia to Hungary. This corridor connects important chemical locations in Upper Austria with the important of the Slovakia (Bratislava) and Hungarian chemical industry locations. The corridor leads from Linz via Vienna, Bratislava and Budapest continuing to Croatia, Serbia, Romania and Bulgaria with final destination of the Black Sea.</p> <p>The PP will work on the connection from Austria to Slovakia and Hungary but also potential for extension of tracking and tracing to Black Sea will be examined. The PP will be carried out in close cooperation with chemical companies as supplier and client of chemical goods. The logistics service provider will play a central role for the implementation of pilot project as actual carrier of intermodal transport. They will take over investment in hardware and connect relevant dataflow with the information platform which has been established under WP3. The pilot project will use real transport of dangerous goods and therefore ensure the development of practical conclusions. After the finalisation of the pilot a detailed analysis of strengths and weaknesses of the applied solution will be implemented in order to develop recommendations for possible improvements and later usage in the real world. PP Coordinator is FH OÖ.</p>
	4.2.9	<p>Pilot Project IV - Germany, Czech Republic, Slovakia</p> <p>The partners from Czech Republic (Ústecký Region, the Association of Czech chemical industry), Slovakia (Chemical industry Association and the Ministry of Regional Development and Transport Saxony-Anhalt) will jointly implement the fourth pilot project. This pilot is focusing on the practical testing of the transnational tracking and tracing tool which has been developed in the framework of the WP3. Within the pilot project the partners will agree on a joint transport route which is of high importance for the transport of dangerous goods. For this pilot project the partners will focus on the transport connection alongside the Transport Corridor from Germany to Czech Republic Slovakia and Ukraine. This corridor connects important chemical locations in Central Germany (e.g. Buna, Bitterfeld, Leuna) with the Czech and Slovakian chemical industry located. The corridor leads from Central Germany and Berlin to Prague and continues to Zilina, Košice with final destination Ukraine.</p> <p>where it connects to the PEC V to Moscow. The PP will work on the connection from Germany to Czech Republic and Slovakia but also potential for extension of tracking and tracing to Ukraine Russia will be examined. The PP will be carried out in close cooperation with chemical companies as supplier and client of chemical goods. The logistics service provider will play a central role for the implementation of pilot project as actual carrier of intermodal transport. They will take over investment in hardware and connect relevant dataflow with the information platform which has been established under WP3. The pilot project will use real transport of dangerous goods and therefore ensure the development of practical conclusions. After the finalisation of the pilot a detailed analysis of strengths and weaknesses of the applied solution will be implemented in order to develop recommendations for possible improvements and later usage in the real world. PP Coordinator is SCHP</p>

Activities outside Central Europe area, but within EU:

please describe the activities and the planned benefits for the Central Europe area.

not applicable

Activities in Third Countries:

please describe the activities and the planned benefits for the Central Europe area.

not applicable

Indicate the planned ERDF for these activities:

Amount:

0,00 €

Work package 5

Work package name: Mainstreaming

Work package level

The WP5 is focused on the mainstreaming of projects results in view of improving regulatory framework conditions, establishing networks between relevant stakeholders at regional, national and transnational level and the development of the action plan

Summary description and approach (including the contribution to the project main objectives)

On the basis of the results from the analysis and pilot projects, the WP5 will focus on the mainstreaming of project results. The WP5 will start in month 7 and run until the end of the project. In the second semester the partner will jointly develop a mainstreaming strategy paper which describes in detail the plan for the usage of project results in the real world.

Furthermore the partners will establish a Regulator Advisory Group (RAG), which is composed of representatives from chemical companies, logistic service providers, railway companies and relevant public authorities. The aim of this RAG is to discuss integration of project results and recommendations in the existing regulatory framework of intermodal transport of dangerous goods.

The RAG will meet for the first time in the second semester to discuss the results from the analysis of T&T solutions and the proposal for the joint T&T tool from WP3. The second meeting of the RAG will be organised in the fourth semester to discuss the preliminary results of the implementation of the four pilot projects and give feedback for the finalisation of pilots. After the finalisation of pilot project the partners will jointly agree on recommendations for the implementation of an open and joint standard for T&T of intermodal transport of dangerous goods. The third meeting of the RAG will be organised in the 5th semester of the project to discuss the final conclusions from the pilot projects and the joint recommendations.

In the fifth semester the partners will also develop a joint action plan for the implementation of T&T solutions for intermodal transport of dangerous goods in Central and Eastern Europe. This action plan should ensure the usage of results from the pilots and strengthen real application of T&T technologies for the chemical logistics. For this purpose the partnership will meet in two Transnational Working Group Meetings. Furthermore one Regional Stakeholder Forum will be organised in each region/country to integrate relevant stakeholders in the action plan development.

Textbox 287

you have 2064 characters

(max. 3 000 characters)

Links to other work packages

The results from WP3 analysis and WP4 pilot projects will be used for the development of recommendations for the mainstreaming

Textbox 288

you have 126 characters

(max. 150 characters)

[illegible]

	Title of activity	Start month of Action	End month of Action	Total costs of Action
	Mainstreaming	7	30	84 500,00 €
5.2	Action Plan Development	25	30	197 100,00 €
5.3				
			Total costs of the work package	281 600,00 €

Outputs

In case you choose an Output as Core Output, please fill in the description in the Core Output Table below the Output table.

					max	
5.1	5.1.1	Mainstreaming Strategy Paper	8	<input type="checkbox"/>	The partners will develop a mainstreaming strategy paper which positions their activities in view of using results and influencing policy and regulatory process at regional, national and international level	1 report, 20 pages
	5.1.2	Regulatory Advisory Group Meeting	11	<input type="checkbox"/>	The regulator advisory group meeting with representatives from responsible regulatory bodies from the partner countries will meet in Austria to discuss results from the analysis in WP3	1/2 day meeting, 30 participants
	5.1.3	Regulatory Advisory Group Meeting	20	<input type="checkbox"/>	The regulator advisory group meeting with representatives from responsible regulatory bodies from the partner countries will meet in Austria to discuss results from the implementation of pilot projects in WP4	1/2 day meeting, 30 participants
	5.1.4	Regulatory Advisory Group Meeting	29	<input type="checkbox"/>	The regulator advisory group meeting with representatives from responsible regulatory bodies from the partner countries will meet in Austria to discuss the recommendations for promotion of T&T in view of improvement of regulatory framework	1/2 day meeting, 30 participants
	5.1.5	Recommendations for promotion of T&T technologies	29	<input type="checkbox"/>	On the basis of results from the pilot projects the partners will develop joint recommendations for the promotion of T&T technologies for the intermodal transport of dangerous goods	1 report, 20 pages
	5.1.6					
5.2	5.2.1	Transnational Working Group Meeting	26	<input type="checkbox"/>	The transnational working group will meet in Hungary to discuss the conclusions from the Pilot Projects in view of mainstreaming and the development of the action plan	1 day meeting 25 participants
	5.2.2	Regional Stakeholder Forum	27	<input type="checkbox"/>	The RSF will bring together regional and national stakeholders (chemical companies, logistic service provider and regulatory authorities) to discuss the work of the project with focus on development of T&T action plan	1 meeting in each country, 20 participants
	5.2.3	Transnational Working Group Meeting	29	<input type="checkbox"/>	The transnational working group will meet in Italy to discuss final conclusions for recommendations for the promotion of T&T in Central and Eastern Europe and the joint action plan	1 day meeting 25 participants
	5.2.4	Action Plan on Tracking and Tracing in CEE	29	<input checked="" type="checkbox"/>	The partners will develop a joint action plan on tracking and tracing in Central and Eastern Europe, which describes concrete action in each partner country for the application of T&T solutions as result from the pilot projects	1 action plan, 30 pages
	5.2.5					

Core Outputs

Please describe the core outputs by specifying the major activities and their envisaged results; also outline the target groups, and the process how the results are used by these target groups (max. of 2x1000 characters).

File Name	File Description
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