

PROJECT FINAL REPORT

Final Publishable Summary Report

Grant Agreement number: 205887

Project acronym: WESTEER

Project title: Support Actions for the Emergence of a Research Driven Automotive Cluster in West Romania

Funding Scheme: FP7-REGIONS-2007-2

Period covered: from 1st of March 2008 to 28th of February 2010

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1 Final publishable summary report

1.1 Introduction

The “WeSteer – Support Actions for the Emergence of a Research-Driven Automotive Cluster in West Romania” project was approved in the FP7-REGIONS-2007-2 call for proposals of the 7th Framework Programme. This call is part of the specific programme “Capacities”, under the initiative “Regions of Knowledge”. The project was funded by the European Commission under the grant agreement no. 205887. “Westeer” was implemented in the period 1 March 2008-28 February 2010 by a project consortium made from: Regional Development Agency of the West Region Romania (lead partner), “Politehnica” University from Timisoara, Interpart Production and the Association “Tehimpuls – Regional Centre for Innovation and Technology Transfer”.

1.2 Work Carried Out to Achieve the Project's Objective

The project has implemented a set of tailor-made support activities aiming to create the appropriate institutional framework for an emerging **research-driven automotive cluster** in West Region Romania. Thereby, through the work of “Westeer” team the following specific objectives have been fully achieved

- ✓ The setting-up and full operationalisation of a cluster management unit, as well as the putting in place of the necessary institutional framework enabling the cluster to work and to deliver services well-suited to the need of the local companies. The establishment of the cluster management unit has been the result of a complex work relying on the contributions of all project members as well as on the inputs received from external actors. Thus, key external stakeholders have been involved in a process of consensus-building around the cluster initiative. The consolidation of this strategic consensus at regional level was fostered also through the implementation of various supporting communication and information activities. For the institutional design of the cluster management unit as well as for establishing its strategic priorities very important information was provided by the analysis the automotive sector at regional level as well from the inputs received from international experts working in various European clusters and networks contacted as part of the international promotion activities of the project. The analysis of the automotive sector at regional level carried out in the first project period provided very valuable evidence concerning the ongoing trends in the industry, the strengths and the challenges of the sector as well as the opportunities for growth, with a particular focus on the potential for cooperation between research and industry and increased contribution of research entities to regional development programs. Since its official opening in the 9th month of the project, the cluster management unit has become a key actor in the regional policy environment, acting as an innovating driver in the automotive sector and contributing to the full-fledged realization of the cluster initiative supported through “Westeer”. As a strategic document to guide the cluster initiative after the conclusion of “Westeer”, a multi-annual action and business plan was elaborated for the cluster, indicating the main priorities that are to be pursued medium and long-run by the cluster management unit.
- ✓ The creation of a relevant resource infrastructure supporting the transfer of RTD results towards the local SMEs, as well as the fostering of cooperation between R&D institutions and Small and Medium Enterprises (SMEs) in areas of highest relevance for the dynamics of the automotive cluster. Due to the instrumental role that research is envisaged to play in the dynamics of the emergent automotive cluster, a complex set of supporting activities have been implemented in order to promote the cooperation between research entities and automotive companies (in particular SMEs). An important step in this direction was the establishment of an appropriate resource infrastructure supporting the transfer of RTD results towards the local SMEs. Essential parts of this infrastructure were created through “Westeer”: a data base on R&D institutions in the West Region, a data base with firms in the automotive sector, and a road-map on the future cooperation between R&D entities and companies in West Region. In addition to the construction of this support infrastructure, a special focus was put on RDT areas for which the SMEs from the region have shown a special interest, such as welding

technologies and computed numerically controlled (CNC) machines. For these special areas two regional fora were established as platforms for supporting the information exchange and the coordination of future activities bringing together firms and researchers within the institutional framework of the cluster. In this context, a complex set of activities was focused on area of CNC machines. This special focus was due both to the high interest shown by various automotive companies for various types of CNC applications and to the strong R&D capacities existing at the "Politehnica" University from Timisoara in this field. The work focused on CNC issues included a sub-work package of support actions for a pilot project of university-research cooperation as well as three workshops dedicated to various CNC machines-related themes.

- ✓ *The creation of a communication infrastructure in conjunction with the implementation of a complex set of communication and information activities supporting the animation of the cluster as well for communication with external relevant actors.* In order to support the advancement of the cluster initiative various types of information and communication activities have been implemented, such as jour fixes, company visits, thematic workshops, and expert roundtables. Substantial work was done in order to create communication instruments well adapted to the particular challenges and needs related with the promotion of the cluster initiative. The most important of these instruments is a virtual communication platform hosted under www.automotivest.ro. This internet site has a two-fold purpose: a) to disseminate information about the project "Westeer" and the cluster initiative to the general public and b) to provide resources and to facilitate communication and action among the stakeholders involved in the cluster process. Another communication instrument created through "Westeer" is the newsletter "Autoclustervest". Two issues of the newsletter had been published before the end of the project and the publication of the project will be continued, so that "Autoclustervest" will be the official newsletter of the newly established cluster in West Region.
- ✓ *The promotion of international cooperation and increased integration with relevant European networks and clusters.* Considerable workload was invested in securing solid links between the emergent cluster in West Romania and relevant European clusters and networks, as well as in obtaining from external experts valuable inputs advices that could help to the advancement of the cluster building process. Thus, in order to obtain first-hand impressions of relevant European good practices, two study visits were realized in European regions (Stuttgart Region, South West England, West Midlands, Madrid) characterized by strong automotive clusters, innovative cluster supporting policies, and / or strong R&D capabilities in areas of interest for the cluster stakeholders in West Region. The good contacts and the burgeoning working partnerships with cluster experts from European regions with a first class experience in the area of cluster development were utilized through a video-conference event which allowed for exchange of information and good practice recommendations as well as relevant mentoring from experienced external partners towards the managers of the cluster development process in West Romania. The international experiences made through the project were capitalized in two programmatic project documents elaborated in the second implementation period, namely a marketing and promotion strategy (which specified domestic targets for the cluster promotion activities, too) and an internationalization strategy. In order to support the promotion of the project at both international and national level, specialized marketing materials were published.

1.3 Main Results and Societal Impact

The main outcome of the "Westeer" project was the emergence and the consolidation of an automotive cluster in West Romania. Whereas the project has achieved a wide-range of specific results contributing the achievements of all envisaged objectives, the establishment of the automotive cluster has had a significant impact on various aspects of economy and society in West Region.

1.3.1 Main results of "Westeer"

Among the most important results delivered by the project are:

- Improved understanding and increased capacity for policy actions concerning the dynamics of the automotive sector at regional, as expressed in the consolidated report concerning the automotive sector (deliverable no. 1)
- High level of support among policy makers and a region-wide consensus supporting the cluster initiative, partially achieved through the implementation of a of relevant regional stakeholders (through a variety of communication and information actions) and creation of a region-wide consensus in support of the cluster development initiative
- A full-fledged institutional capacity to act with cluster-type instruments and policies in support of the automotive sector at regional level, achieved with the setting-up and full operationalization of the cluster management unit. The strategic objectives of the cluster (embodying also the regional-wide policy consensus) are expressed in the multi-annual action and business plan of the cluster (deliverable no. 9).
- A significantly increased capacity at regional level to enhance science and technology based development, with a special focus on the automotive sector, as well as amplified synergy between regional and research policies, with a closer cooperation between R&D entities and enterprises and more R&D results brought to the benefit of SMEs. Thus, the project has added new valuable new resource infrastructure in the area of research – industry cooperation at regional level (the data base on R&D institutions – deliverable no. 2, the roadmap on future co-operation between R&D institutions and firms, - deliverable no.3, the firm data base – deliverable no.6) and has implemented a complex set of activities in support of a research-industry pilot project or fostering cooperation between research entities and SMEs in areas of highest relevance for the local SMEs (such as the workshops focused on CNC-issues, deliverable no.8).
- A substantially enhanced capacity to communicate among cluster stakeholders as well as with relevant external actors through the efficient communication instruments put in place by the project, such as the virtual communication platform (deliverable no.5), the cluster newsletter (deliverable no.7) and specific promotion and marketing materials (deliverable no. 10)
- High level of inter-linking between emergent automotive cluster with European clusters and integration in relevant networks, favoring the mentoring of the newly established cluster through experienced European partners and the exchange of information and transfer of good practices in the area of cluster development

1.3.2 Societal Impact, with focus on particular target groups

"Westeer" has had a substantial impact on the policy and socio-economic environment in West Region, as it has brought a critical contribution to the establishment of a new institutional actor which is bound to have a long term impact on the pattern of economic development, the overall economic performance in the region, as well as on the activity of key socio-economic actors in West Region and the overall embeddedness of West Region in relevant European structures and networks.

In particular, the project has a special impact on the following target groups:

- The automotive sector in West Region, where the project has determined a sea-change in the supporting institutional framework of this crucial regional sector and has catalyzed the transformation of a burgeoning industrial agglomeration into a well-functioning cluster having an enhanced R&D component and pursuing strategic objectives on medium in long term. The newly established cluster provides a particularly favorable institutional framework for inter-firms cooperation, for mobilizing R&D actors and results for the benefit of companies, in particular of SMEs, as well for developing new initiative helping the sector to improve its

competitiveness and to evolve in accordance with the European strategic objectives for growth, more jobs and sustainability.

- The research and technological transfer actors at regional level, where the project has put in place much needed resources for research-industry cooperation and has created a favorable institutional framework that will encourage new partnerships between universities, research entities and firms, and will foster the transfer of research results to the benefits of SMEs, particularly in areas where there the strong RTDI endowments of local universities and research centers are matched by strong interests of automotive companies (such as CNC machines or welding technologies).
- The regional policy environment, where “Westeer” has introduced cluster-type actions as a new instruments of regional policy and has promoted a new pattern of economic development, based on improved links between regional authorities, development promotion agencies, research actors and business community. In this context, it should be mentioned that, as far as regional policies in Romania are concerned, “Westeer” has promoted an pioneering approach, as the cluster-types approaches are still largely absent in the current regional policy programs.

1.4 Conclusions

The project “Westeer” has fully achieved all of its pursued objectives, so that with a tailor-made set of support actions well suited to the existing realities and ongoing challenges has managed to steer the qualitative transformation of a burgeoning industrial agglomeration in the automotive sector into a full-grown cluster having a strong R&D component. The resources provided have been used very effectively and, as a consequence, substantial changes have been induced in this sector through joint activities of key stakeholders from regional policy, business and scientific environments. Through the setting up of this fully functioning automotive cluster, the project has opened a new pathway for regional policies in Romania and has established a solid foundation for the participation of West Region to future initiatives and projects focused on enhancing the knowledge-based patterns of development in European Regions.

1.5 List of Beneficiaries:

Regional Development Agency of the West Region
Romania
Proclamatia de la Timisoara 5
Timisoara 300554
Romania

„Politehnica” University of Timisoara
Piata Victoriei 2
Timisoara 300006
Romania

Interpart Production
Gamma II



Dumbravita – Timis
307160
Romania

Tehimpuls – The Regional Centre for Innovation and Technology Transfer
Proclamatia de la Timisoara 5
Timisoara 300554
Romania

1.6 Address of project web site:

www.automotivest.ro



2 Use and Dissemination of Foreground

2.1 Section A (public)

2.1.1 Introduction

The objective of the use and dissemination of results is to inform interested third parties and potential cluster stakeholders and partners about the “Westeer” project, ensure a wide dissemination of project results and provide a platform for potential future actions for disseminating and capitalizing the results of “Westeer”.

The main target groups for the use and dissemination of foreground in “Westeer” are:

- **Clusters and cluster development experts** – for whom the experience of cluster development process within the framework of “Westeer” could be relevant and who will be willing to draw upon the “Westeer” results for their own undertakings in the area of cluster development
- **Scientists studying the development of clusters and the policies in support of R&D enhanced role in economic development**
- **Regional policy authorities and practitioners**
- **Companies, particularly SMEs in the automotive sector**
- **Other potential cluster stakeholders** – who will be willing to learn more about this cluster initiative on the basis of “Westeer” results as well to join the upcoming stages of the cluster development process in West Region

“Westeer” will be presented and its results will be disseminated through the following types of activities:

2.1.2 Publications:

- The brochure “Automotivest Cluster”, published as part of the Marketing and Promotion Materials created through this copy. Copies of this English-language brochure will continue to be sent to relevant institutions at regional, national and international level. Pending upon the existence of a significant demand for a Romanian language version of this brochure, such a version will be published and disseminated. New versions of this brochure are envisaged to be published in the future, with a content updated and adapted to the evolutions of the cluster.
- Deliverable no.1 – the sectorial report – Automotive Industry in West Romania – this study will continue to be distributed in electronic and printed copies to any interested third party. Given the strong interests shown for the study shown at regional level for this study, an updated version of the study could be elaborated and distributed by West RDA with the support of the “Westeer” partners
- The Regional Innovation Strategy of the West Region – the results of the study will be included and disseminated in the latest edition of this strategic policy document at regional level.
- The Regional Development Plan – to be updated in 2010 as part of the preliminary work for the elaboration of the new phase of regional policy planning for the post 2013-period. As “Westeer” was a pioneering project in the area of regional policy where it created the first fully operational cluster-type of development supporting

structure, the new edition of the Regional Innovation Strategy will include a specific section on “Westeer” discussing the content and the most important lessons drawn from this project

➤ **Other publications of West RDA, UPT and Tehimpuls**

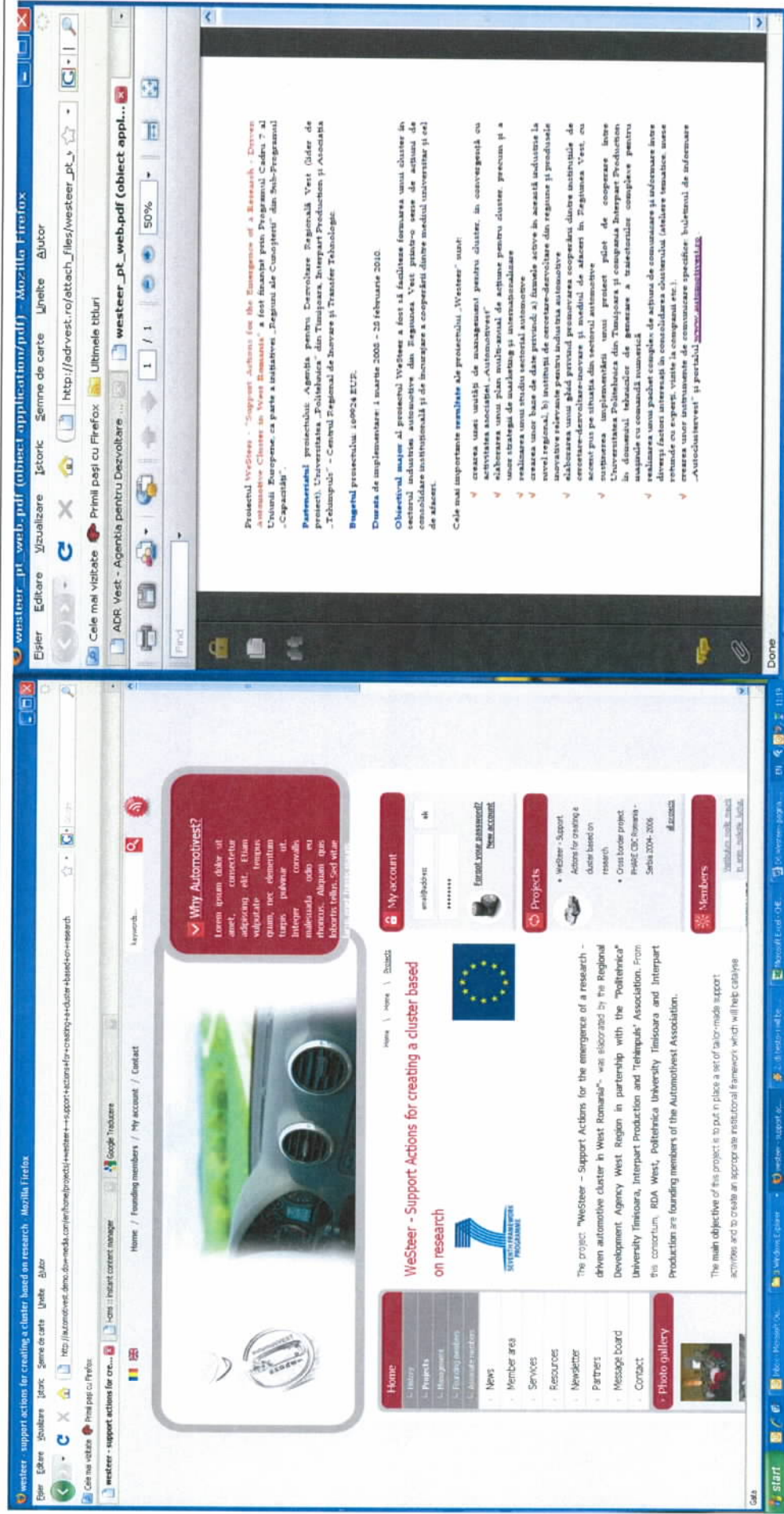
2.1.3 Conferences and Workshops

- The annual conferences of Tehimpuls in 2010
- Workshop on the implementation of the Regional Innovation Strategy, to take place in mid 2010
- The seminar workshop organized within the framework of the INTERREG IVC funded project PROSESC, to take place in Timisoara on 17-18 May 2010
- The open international seminar organized within the framework of the INTERREG IVC funded project PROSESC, to take place in Timisoara on 8-9 June 2010
- Other future conferences to be organized by the “Westeer” partners

2.1.4 Web

- The most important role in disseminating the project will be played by the virtual communication platform created through this project
- www.automotivest.ro
- Other sites where the project will be disseminated: www.adrvest.ro , www.westregion.ro , www.tehimpuls.ro





The image shows a screenshot of the WeSteer website and a PDF document. The website is displayed in a Mozilla Firefox browser window. The main content area features a large image of a car engine and the text "Why Automotivest?". Below this, there is a section titled "WeSteer - Support Actions for creating a cluster based on research on research". The website also includes a navigation menu with links like Home, History, Projects, Management, News, Member area, Services, Resources, Newsletter, Partners, Message board, and Contact. A sidebar on the right contains sections for "My account", "Projects", and "Members".

The PDF document, titled "westeer_pt_web.pdf (obiect application/pdf)", is displayed in a separate browser window. It contains text in Romanian, including the title "Proiectul WeSteer - 'Support Actions for the Emergence of a Research-Driven Automotive Cluster in West Romania'", the date "Durata de implementare: 1 martie 2008 - 30 februarie 2010", and a list of objectives and activities. The PDF also mentions the "Agencia pentru Dezvoltare Regională Vest (lider de proiect)" and the "Universitatea Politehnica din Timișoara, Interpart Production și Asociația 'Telempuls' - Centrul Regional de Inovare și Transfer Tehnologic".



2.1.5 Press release

- Press Release of the West RDA, after the finalization of the project and/or submission of final report to the European Commission, as well as in the context of implementation of other projects-related communication events by RDA West
- Press Release of Tehimpuls

2.1.6 Flyers

- Project Presentation folders will be used to disseminate basic presentation information about the project. This material was elaborated through “Westeer”. A new edition of this folder will be prepared and used after all remaining copies from will have been distributed.
- Promotion materials of West RDA related to international projects and Structural Funds

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

NO.	Title	Main authors	Title of the periodical or the series	Number, date or frequency	Publisher	Place of publication	Year of publication	Relevant pages	Permanent identifiers ¹ (if available)	Is/Will open access ² provided to this publication?
1	Automotive Industry in West Romania	The consortium of project "Westeer"			West RDA? Consortium of "Westeer" project	Timisoara	2009	1-70		Yes
2										
3										

¹ 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).

² Open Access is defined as free of charge access for anyone via the 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.

2.2 Section B (confidential)

Due to the fact that the implementation of "Westeer" was done through the Regions of Knowledge Initiative of the FRAMEWORK 7th Programme through a Coordination and Support Actions (Support Actions) Scheme the project did not have as one of its objective the production of patents, trademarks, registered designs, etc.

TEMPLATE B1: LIST OF APPLICATIONS FOR PATENTS, TRADEMARKS, REGISTERED DESIGNS, ETC.		
Type of IP Rights: Patents, Trademarks, Registered designs, Utility models, etc.	Application reference(s) (e.g. EP123456)	Subject or title of application
		Applicant (s) (as on the application)

Please complete the table hereafter:

TEMPLATE B2: OVERVIEW TABLE WITH EXPLOITABLE FOREGROUND						
Exploitable Foreground (description)	Exploitable product(s) or measure(s)	Sector(s) of application	Timetable, commercial use	Patents or other IPR exploitation (licences)	Owner & Other Beneficiary(s) involved	
1. Data Base on R&D institutions	Information for the identification of R&D Institutions and specific R&D products in West Region	Automotive Sector Other industrial sectors at regional level	Data base available since the 9 th month of the project (October 2008). No commercial use	-	Owners & Beneficiaries: West RDA, UPT, Interpart, TehImpuls Beneficiaries: Regional Development Board of West Region, "Automotive" Association, other business support and policy making organization from West Region	
2. Roadmap on Cooperation between R&D	Information for streamlining the cooperation between	Automotive Sector	Road Map available since	-	Owners & Beneficiaries: West RDA, UPT, Interpart, TehImpuls	

TEMPLATE B2: OVERVIEW TABLE WITH EXPLOITABLE FOREGROUND

Exploitable Foreground (description)	Exploitable product(s) or measure(s)	Sector(s) of application	Timetable, commercial use	Patents or other IPR exploitation (licences)	Owner & Other Beneficiary(s) involved
Institutions and Firms	R&D information and Companies in West Region	Other industrial sectors at regional level	the 1 st month of the project (January 2009). No commercial use		Beneficiaries: Development Board of West Region, "Automotive" Association, other business support and policy making organization from West Region
3. Data Base on the Companies active in the automotive sector in West Region	Information suitable for identifying firms as well as for matchmaking between firms and R&D institutions	Automotive Sector	Data base available since the 17 th month of the project (July 2009). No commercial use.	-	Owners & Beneficiaries: West RDA, UPT, Interpart, Tehimpuls Beneficiaries: Regional Development Board of West Region, "Automotive" Association, other business support and policy making organization from West Region
4. Multi-annual action and business plan	Strategic document for guiding the activity of on medium- and long term	Automotive Sector	Document available since 14 th month of the project	-	Owners & Beneficiaries: West RDA, UPT, Interpart, Tehimpuls Beneficiaries: Regional Beneficiaries: Regional

TEMPLATE B2: OVERVIEW TABLE WITH EXPLOITABLE FOREGROUND

Exploitable Foreground (description)	Exploitable product(s) or measure(s)	Sector(s) of application	Timetable, commercial use	Patents or other exploitation (licences)	Owner & Other Beneficiary(s) involved
			(April 2009). No commercial use.		Development Board of West Region, "Automotivest" Association, other cluster stakeholders
5. Marketing and Promotion Strategy	Supporting programmatic document for the cluster activity in the period after the end of the project "Westeer"	Automotive Sector	Document available since the 21 st month of the project (November 2009). No commercial use.	-	Owners & Beneficiaries: West RDA, UPT, Interpart, Tehimpuls Beneficiaries: Regional Development Board of West Region, "Automotivest" Association, other cluster stakeholders
6. Internationalization Strategy	Supporting programmatic document outlining the future activity of the cluster at European level	Automotive Sector	Document Available since the 24 th month of the project (February 2010). No commercial	-	Owners & Beneficiaries: West RDA, UPT, Interpart, Tehimpuls Beneficiaries: Regional Development Board of West Region, "Automotivest" Association, other cluster

TEMPLATE B2: OVERVIEW TABLE WITH EXPLOITABLE FOREGROUND

Exploitable Foreground (description)	Exploitable product(s) or measure(s)	Sector(s) of application	Timetable, commercial use	Patents or other exploitation (licences)	Owner & Other Beneficiary(s) involved
Promotion Materials – project brochure, project folder	Support materials for dissemination activities	Automotive sector	Available since the 23 th month of the project. No commercial use.	-	stakeholders Owners & Beneficiaries: West RDA, UPT, Interpart, Tehimpuls Beneficiaries: Regional Development Board of West Region, "Automotivest" Association, other cluster stakeholders
Virtual Communication Platform – www.automotivest.ro	Key instrument for disseminating information about project and for promoting communication among project stakeholders	Automotive sector	Available since the 19 th month of the project. No commercial use.	-	Owners & Beneficiaries: West RDA, UPT, Interpart, Tehimpuls Beneficiaries: "Automotivest" Association, other cluster stakeholders
Newsletter	Dissemination information about project and cluster dynamics to the general public	Automotive sector	Available since the 15 th month of the project. No commercial	-	Owners & Beneficiaries: West RDA, UPT, Interpart, Tehimpuls Beneficiaries: "Automotivest"

TEMPLATE B2: OVERVIEW TABLE WITH EXPLOITABLE FOREGROUND

Exploitable Foreground (description)	Exploitable product(s) or measure(s)	Sector(s) of application	Timetable, commercial use	Patents or other IPR exploitation (licences)	Owner & Other Beneficiary(s) involved	Association, stakeholders	other	cluster
			use.					

2.3 Expected Impact

The project “Westeer” delivered a wide set of results, constituting the foreground of the project, and whose main purpose is to support the consolidation of the emergent automotive cluster in West Romania and to enhance the R&D component of the cluster.

The foreground of the project can be exploited by the members of the consortium of the “Westeer” project, as well as by other cluster stakeholders directly involved in the promotion of the cluster initiative. Those parts of the foreground which had been project deliverables with a public nature are made available to the general public. In this context, it should be noticed that some of these deliverables could be used beyond the strict framework of the automotive cluster initiative by external actors interested in the promotion of cooperation between R&D institutions and companies (e.g., the roadmap and the data bases). The project members and other cluster stakeholders have used the foreground in conformity with the project concept and time-plan and, after its end, in accordance with the overall strategy for cluster development expressed in the multi-annual action and business plan of the cluster. With respect to the information content of the foreground, the cluster management unit will proceed to update it and to produce new versions of the appropriate parts of the foreground. If necessary, new research will be done in order to ensure that the content of the future versions of the foreground will be optimally suited to the future evolutions of the cluster.

In their quality of main results of the project, the component parts of the foreground are largely responsible for the impact the project “Westeer” has had on the automotive sector in West Region and, thereby, for catalyzing the transformation of the regional industrial agglomeration into a cluster structure with a strong R&D component. After the end of the project, the foreground will continue have a substantial impact upon the consolidation and development of the cluster.

3 Report on societal implications

Replies to the following questions will assist the European Commission to obtain statistics and indicators on societal and socio-economic issues addressed by projects. The questions are arranged in a number of key themes. As well as producing certain statistics, the replies will also help identify those projects that have shown a real engagement with wider societal issues, and thereby identify interesting approaches to these issues and best practices. The replies for individual projects will not be made public.

A General Information *(completed automatically when Grant Agreement number is entered.*

Grant Agreement Number:	205887
Title of Project:	Support Actions for the Emergence of a Research Driven Automotive Cluster in West Romania
Name and Title of Coordinator:	Raluca Cibu-Buzac, Mrs.

B Ethics

1. Did you have ethicists or others with specific experience of ethical issues involved in the project?	☐ Yes	☒ No
2. Please indicate whether your project involved any of the following issues (tick box) :	YES	
INFORMED CONSENT		
• Did the project involve children?	No	
• Did the project involve patients or 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?	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 cloning farm animals?	No
• Were those animals non-human primates?	No
RESEARCH INVOLVING DEVELOPING COUNTRIES	
• Use of local resources (genetic, animal, plant etc)	No
• Benefit to local community (capacity building ie access to healthcare, education etc)	No
DUAL USE	
• Research having potential military / terrorist application	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	
Work package leader	2	2
Experienced researcher (i.e. PhD holders)	1	5
PhD Students		2
Other	5	7

4 How many additional researchers (in companies and universities) were recruited specifically for this project?

Of which, indicate the number of men:

-

Of which, indicate the number of women:

-

D Gender Aspects

5	Did you carry out specific Gender Equality Actions under the project ?	☐ Yes ☒ No
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6	Which of the following actions did you carry out and how effective were they?	
		Not at all effective Very effective
	☐ Design and implement an equal opportunity policy	☐ ☐ ☐ ☐ ☐
	☐ Set targets to achieve a gender balance in the workforce	☐ ☐ ☐ ☐ ☐
	☐ Organise conferences and workshops on gender	☐ ☐ ☐ ☐ ☐
	☐ Actions to improve work-life balance	☐ ☐ ☐ ☐ ☐
	☐ Other:	

7	Was there a gender dimension associated with the research content – i.e. wherever people were the focus of the research as, for example, consumers, users, patients or in trials, was the issue of gender considered and addressed?
	☐ Yes- please specify ☒ No

E Synergies with Science Education

8	Did your project involve working with students and/or school pupils (e.g. open days, participation in science festivals and events, prizes/competitions or joint projects)?
	☐ Yes- please specify ☒ No

9	Did the project generate any science education material (e.g. kits, websites, explanatory booklets, DVDs)?
	☐ Yes- please specify ☒ No

F Interdisciplinarity

10	Which disciplines (see list below) are involved in your project?
	☐ Main discipline ³ : 2.2 ☐ Associated discipline ^{Error! Bookmark not defined.} ☐ Associated discipline

³ 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)	☐ Yes ☒ No
11b	If yes, did you engage with citizens (citizens' panels / juries) or organised civil society (NGOs, patients' groups etc.)? ☐ No ☐ Yes- in determining what research should be performed ☐ Yes - in implementing the research ☒ Yes, in communicating /disseminating / using the results of the project	
11c	In doing so, did your project involve actors whose role is mainly to organise the dialogue with citizens and organised civil society (e.g. professional mediator; communication company, science museums)?	☐ Yes ☒ No
12	Did you engage with government / public bodies or policy makers (including international organisations) ☐ No ☐ Yes- in framing the research agenda ☒ Yes - in implementing the research agenda ☒ Yes, in communicating /disseminating / using the results of the project	
13a	Will the project generate outputs (expertise or scientific advice) which could be used by policy makers? ☐ Yes – as a primary objective (please indicate areas below- multiple answers possible) ☒ Yes – as a secondary objective (please indicate areas below - multiple answer possible) ☐ No	
13b	If Yes, in which fields? Regional Policy, Regional Innovation Policies	

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

13c If Yes, at which level?

- ☒ Local / regional levels
- ☐ National level
- ☐ European level
- ☐ International level

H Use and dissemination		
14	How many Articles were published/accepted for publication in peer-reviewed journals?	none
To how many of these is open access⁴ provided?		
How many of these are published in open access journals?		
How many of these are published in open repositories?		
To how many of these is open access not provided?		
Please check all applicable reasons for not providing open access:		
☐ publisher's licensing agreement would not permit publishing in a repository ☐ no suitable repository available ☐ no suitable open access journal available ☐ no funds available to publish in an open access journal ☐ lack of time and resources ☐ lack of information on open access ☐ other:		
15	How many new patent applications ('priority filings') have been made? <i>("Technologically unique": multiple applications for the same invention in different jurisdictions should be counted as just one application of grant).</i>	none
16	Indicate how many of the following Intellectual Property Rights were applied for (give number in each box).	Trademark
		Registered design
		Other
17	How many spin-off companies were created / are planned as a direct result of the project?	none
<i>Indicate the approximate number of additional jobs in these companies:</i>		
18	Please indicate whether your project has a potential impact on employment, in comparison with the situation before your project:	
☒ Increase in employment, or ☐ Safeguard employment, or ☐ Decrease in employment, ☐ Difficult to estimate / not possible to quantify	☒ In small & medium-sized enterprises ☒ In large companies ☐ None of the above / not relevant to the project ☐	

⁴ Open Access is defined as free of charge access for anyone via the internet.

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

FIELDS OF SCIENCE AND TECHNOLOGY

1. NATURAL SCIENCES

- 1.1 Mathematics and computer sciences [mathematics and other allied fields: computer sciences and other allied subjects (software development only; hardware development should be classified in the engineering fields)]
- 1.2 Physical sciences (astronomy and space sciences, physics and other allied subjects)
- 1.3 Chemical sciences (chemistry, other allied subjects)
- 1.4 Earth and related environmental sciences (geology, geophysics, mineralogy, physical geography and other geosciences, meteorology and other atmospheric sciences including climatic research, oceanography, vulcanology, palaeoecology, other allied sciences)
- 1.5 Biological sciences (biology, botany, bacteriology, microbiology, zoology, entomology, genetics, biochemistry, biophysics, other allied sciences, excluding clinical and veterinary sciences)

2. ENGINEERING AND TECHNOLOGY

- 2.1 Civil engineering (architecture engineering, building science and engineering, construction engineering, municipal and structural engineering and other allied subjects)
- 2.2 Electrical engineering, electronics [electrical engineering, electronics, communication engineering and systems, computer engineering (hardware only) and other allied subjects]
- 2.3. Other engineering sciences (such as chemical, aeronautical and space, mechanical, metallurgical and materials engineering, and their specialised subdivisions; forest products; applied sciences such as geodesy, industrial chemistry, etc.; the science and technology of food production; specialised technologies of interdisciplinary fields, e.g. systems analysis, metallurgy, mining, textile technology and other applied subjects)

3. MEDICAL SCIENCES

- 3.1 Basic medicine (anatomy, cytology, physiology, genetics, pharmacy, pharmacology, toxicology, immunology and immunohaematology, clinical chemistry, clinical microbiology, pathology)
- 3.2 Clinical medicine (anaesthesiology, paediatrics, obstetrics and gynaecology, internal medicine, surgery, dentistry, neurology, psychiatry, radiology, therapeutics, otorhinolaryngology, ophthalmology)
- 3.3 Health sciences (public health services, social medicine, hygiene, nursing, epidemiology)

4. AGRICULTURAL SCIENCES

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



5. SOCIAL SCIENCES

- 5.1 Psychology
- 5.2 Economics
- 5.3 Educational sciences (education and training and other allied subjects)
- 5.4 Other social sciences [anthropology (social and cultural) and ethnology, demography, geography (human, economic and social), town and country planning, management, law, linguistics, political sciences, sociology, organisation and methods, miscellaneous social sciences and interdisciplinary , methodological and historical SIT activities relating to subjects in this group. Physical anthropology, physical geography and psychophysiology should normally be classified with the natural sciences].

6. HUMANITIES

- 6.1 History (history, prehistory and history, together with auxiliary historical disciplines such as archaeology, numismatics, palaeography, genealogy, etc.)
- 6.2 Languages and literature (ancient and modern)
- 6.3 Other humanities [philosophy (including the history of science and technology) arts, history of art, art criticism, painting, sculpture, musicology, dramatic art excluding artistic "research" of any kind, religion, theology, other fields and subjects pertaining to the humanities, methodological, historical and other SIT activities relating to the subjects in this group] .