



Project no. 229792

Tecforlife



Assistive Technology Cluster for Quality of Life

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PROJECT FINAL REPORT

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² The home page of the website should contain the generic European flag and the FP7 logo which are available in electronic format at the Europa website (logo of the European flag: http://europa.eu/abc/symbols/emblem/index_en.htm logo of the 7th FP: http://ec.europa.eu/research/fp7/index_en.cfm?pg=logos). The area of activity of the project should also be mentioned.

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1. Final publishable summary report

1.1 Executive summary

European ageing population has placed new demands on family units and raises pressing questions about the efficiency and management of care and support technologies and services for dependent people. Assistive technologies will play a key role in social inclusion, independence and autonomy of elderly people and disabled people, transforming the research activities in assistive technologies in the real solution to everyday life people in real conditions.

The creation of the Assistive Technologies Cluster in the city of Donostia – San Sebastián aims to coordinate RTD and innovation efforts of the stakeholders working in the sector: local public administration, research centres with high expertise in AT, companies investing and commercialising AT and final users.

The situation at a local level presented some key barriers to be solved:

- Lack of coordination among RTD and innovation stakeholders
- Lack of innovation on AT technology market that has not changed much over the last 30 years

The main result of the project is the Implementation Plan consisting on a Roadmap for the final creation of the Assistive Technology Cluster of San Sebastian. After having an overall view on the initiatives boosted from the public administrations and on the evolution of the AT technology market, the local economic and RTD potentialities of San Sebastian is analysed in order to objectively assess the San Sebastian opportunities for the successful creation of the cluster. All the local stakeholders around the cluster have been mobilised in order to jointly agree, contrast and validate the Cluster Research Agenda and the Implementation Plan.

1.2 Summary description of project context and objectives

The creation of the AT Cluster of San Sebastián is going to coordinate RTD and innovation efforts of stakeholders working in the sector, from local public administration, research centers with high expertise in AT, companies investing and commercialising AT and final users that increasingly demand these technologies to improve the dependent people care.

The objective of the project is in line with the topic “Facilitating the emergence of new regional research driven clusters and mutual exchange of information”, whose main aim is to “foster seed-beds to create new regional research-driven clusters of the basis of support form the public and private sectors”:

To ensure the achievement of the proposed objectives, the project is structured in 9 workpackages.

–The mentoring of EU experts in AT along all the project duration has been envisaged under WP1, for ensuring that the key documents developed under the project will be relevant, consistent and with high impact.

–WP2 and WP3 will consider the framework in which assistive technology sector has developed with the objective of having an overall view on the initiatives boosted from the public administrations and on the evolution of the AT technology market.

–WP 4 analyses the local economic and RTD potentiality of San Sebastián in order to objectively assess the San Sebastián opportunities for the successful creation of the cluster.

–The focus of WP5 is to mobilise all the local stakeholders around the cluster creation in order to extract jointly agreed, contrasted and validated the Cluster Research Agenda and Implementation Plan that will elaborated in parallel respectively in WP6 and WP7.

–WP8 will focus on the dissemination of the results achieved in the project and WP8 will ensure the correct management of the project and the monitoring of the progress.

The main expected result of the project has been the Implementation Plan that will be the roadmap for the final creation of the AT cluster of San Sebastián.

Project objectives

Tecforlife is a seventh framework programme project with the **general objective** of setting the basis for the creation of a new research driven cluster on assistive technologies (AT) in

San Sebastián (Basque Country) to improve the co-ordination of the local stakeholders working in the field and maximise the efforts and existing infrastructures for improving socio-economic development and strengthen the RTD and innovation capacity of the city, and also acting as facilitator and catalyst at regional level.

The **strategic objectives** that will ensure the achievements of the general aim of the project are:

- To coordinate the RTD and innovation efforts of the local stakeholders working around the assistive technologies sector.
- To align the assistive technology RTD strategy of San Sebastián with the European, national and regional plans and programmes.
- To increase the social and economic development at local and regional level by means of promoting the assistive technology research driven cluster and the activities associated to it.
- To increase the knowledge and experience sharing with other European clusters working in health and dependency.
- To establish a local partnership for cooperation and exchange of experiences among the different stakeholders working in the assistive technologies sector for establishing a common vision and strategy.
- To increase the capacity of public administrations to boost the assistive technology clusters at local level in the medium and longer term.

The **operative objectives** are:

- To have a better knowledge on the current situation of the assistive technology market and the public policies and initiatives developed in support of assistive technologies sector and dependency
- To develop a detailed analysis on the R&D&Innovation potentialities of San Sebastian
- To mobilise all the local stakeholders working in assistive technologies in order to contribute to the definition of a detailed Research Agenda for the cluster and the practical implementation Plan with the detailed roadmap of activities to drive RTD development activities defined in the Research Agenda
- To develop the Implementation Plan of the AT cluster with the support of the stakeholders participating in the working groups

- To disseminate the results achieved in the project to the different stakeholders at different levels (local/regional/national/European), in order to get them involved in all the activities for the creation of AT cluster of San Sebastián

Final results

The main result of the project has been the Implementation Plan that constitutes the roadmap for the final creation of the AT cluster of San Sebastián. In addition, a working group has been created with the main AT stakeholders who will continue to cooperate with the AT cluster of San Sebastián.

The results in the medium/ long term, but not quantifiables at the moment of the end of the project could be:

- Employment Creation: the assistive living sector will be one of the most important ones in the EU in the coming years in terms of employment creation.
- Regional cooperation links among stakeholders: the valorisation of the experiences gained by the different expert stakeholders in assistive technologies will increase their collaboration capacities and therefore the competitiveness in the region
- Economic development and competitiveness of the city: through the creation of employment and the increase of the economic activity.

Activities and Milestones

The following **activities** have been performed in the project:

- Analysis of health cluster experiences at EU level,
- Analysis of policies in support of the Assistive sector,
- Analysis of the current situation of Assistive technologies and
- Analysis of the local economic and R&D potential.

All this analysis has provided the necessary information to obtain a first diagnosis of the sector at a local level and a thorough knowledge of relevant initiatives at an international level allowing the city to have a:

- Definition of the Cluster scope and research agenda
- Implementation Plan of the Cluster

Milestones of the project has been:

- M1 – Report on current AT situation at EU level delivered
- M2 – SWOT report validated by European Experts
- M3 Report of Cluster scope and Research Agenda validated by Mentoring Committee
- M4 Implementation Plan validated by European experts
- M5– Final cluster launching conference organised

Deliverables

Deliverables developed during the project has been:

D1.1 Guidelines on key aspects for creation of a research driven cluster

D2.1 Report on local, national and European policies and initiatives in support of assistive technology clusters

D2.2 Policy implications for the support of assistive technology clusters

D3.1 Report on current Assistive Technologies situation at EU level

D4.1 Report on the economic and R&D potential of San Sebastian

D4.2 Final SWOT report

D6.1 Cluster Research Agenda

D7.1 Implementation Plan

D8.1 Project website

D8.2 Brochures with Cluster Research Agenda and Implementation Plan

D8.3 Mailing distribution to assistive technology stakeholders

D8.4 Final Cluster Launching Conference

D9.1 Quality Management Plan

D9.2 Minutes and conclusions from kick off and progress review meetings

D9.3 Progress reports (technical and financial)

D9.4 Interim technical progress reports

D9.5 Final consortium meeting

Deliverable 1.1: Guideline on key aspects for the creation of a research driven cluster

The document includes the Identification, selection and description of case studies of clusters in assistive technologies (AT) in Europe. This analysis of the case studies is done to extract guidelines for a successful cluster creation process, development and key success factors. The document defines a general model of cluster for the assistive technology sector. An identification and description of capacities related to assistive technologies is done for the Basque Country, and mainly Gipuzkoa.

Based on the analyzed experiences, the report presents the setting-up of a specific model of cluster in assistive technology in the Basque Country, with detail of the creation process, support instruments and organization. According to this model and the knowledge about the framework, a brief SWOT analysis is done in four dimensions: Knowledge, technology and innovation generation; infrastructures; enterprise development instruments; cooperation instruments. Based on the SWOT analysis, there is a definition of action guidelines.

Deliverable 2.1 : Report on local, national and European policies and initiatives in support of AT or related sectors

The report analyses the general framework of public policies and programmes supporting the assistive technology sector at the European, national and local level to establish an AT Cluster in San Sebastián.

The analysis covers the complete framework given for the assistive technology sector, from the European institutions, national administrations and local policy makers. The analysis of the European policies in support of the AT sector focuses on the policy framework given in the medium to longer term. The national policies are analysed to align the strategy of the new cluster to the national framework and to give the cluster the scope and strategy in line with the national strategy in AT.

The analysis of the local initiatives goes through the main AT programmes and initiatives in the regional context.

Deliverable 2.2: Policy implications for the support of assistive technology clusters

Deliverable 2.2 is a follow-up to D.2.1, picking up on the baseline information gathered in the document and resuming the analysis of policy implications for the support of an assistive technology cluster in San Sebastian. The report focuses on health-related policy implications, for it is health the steering idea of the potential cluster. Thus, major contemporary health challenges are covered, underpinning the actual situation in San Sebastian and the role Assistive Technology can play. The report covers specifically the following subjects: the implications of the demographic transitions in contemporary societies, a globally-based analysis of the epidemiological transition, the opportunities arising from recent changes and an analytical synthesis of the political implications laid out in the previous sections of the report.

Deliverable 3.1: Report on current Assistive Technologies situation at EU level.

The objective of the report is to analyse the current situation of the assistive technologies at European level, identifying the most innovative developments of the sector, the recent trends followed by the market and the different currently existing market niches.

The deliverable is the result of an exhaustive analysis based on the Strategic Research Agendas of the main European Technology Platforms since then offer a clear overview on the real situation faced by the industry of this sector. Other subjects covered in the report are the analysis of the industry technology offer at EU level, analysis of the Assistive Technology research projects, analysis of patents in Assistive Technology and analysis of standards in Assistive Technology.

Deliverable 4.1: Report on the economic and R&D potential of San Sebastián

The objective of this deliverable is to analyse the economic and R&D potential of the city of San Sebastián. The document also includes relevant information about the economic and R&D potential of the Basque Country and the main macroeconomic parameters of Spain. The main issues covered in the report are the following: Economic situation, Innovation in Spain and the Basque Country (Regional Innovation Scoreboard 2009),

Analysis of the actors in the region, Analysis of current market trends and barriers, Analysis of other supporting factors and the Local legislative frame.

This deliverable includes the last analyses (after D.1.1, D.2.1, D.2.2 and D.3.1) necessary for the preparation of D.4.2: Final SWOT report.

Deliverable 4.2 Final SWOT report

The opinion of the European experts together with the suggestions of the local stakeholders allowed to complete the SWOT analysis with valuable experiences in the sector and to highlight key aspects to take into account for the later stages of the project, namely the cluster research agenda definition and the implementation plan development.

The SWOT analysis includes the following information:

<p>STRENGTHS</p> <ul style="list-style-type: none"> • Capabilities • Competitive advantages • Resources, R&D infrastructures, education • Experience, knowledge • Financial resources • Innovative aspects • Location and geographical • Accreditations, qualifications, certifications • Processes, systems, IT, communications • Cultural, attitudinal, behavioural • Management cover, succession 	<p>WEAKNESSES</p> <ul style="list-style-type: none"> • Gaps in capabilities • Lack of competitive strength • Reputation, presence and reach • Financials • Own known vulnerabilities • Timescales, deadlines and pressures • Continuity, supply chain robustness • Effects on core activities, distraction • Reliability of data, plan predictability • Commitment, leadership of organisations
<p>OPPORTUNITIES</p> <ul style="list-style-type: none"> • Market developments • Competitors' vulnerabilities • Industry or lifestyle trends • Technology development and innovation • Global influences • New markets, vertical, horizontal • Niche target markets • Geographical, export, import • Business and product development • Collaboration, research and development, innovation • Partnerships, collaborations, agreements 	<p>THREATS</p> <ul style="list-style-type: none"> • Political effects • Legislative effects • Environmental effects • Competitor intentions • Market demand • New technologies, services, innovative ideas • Partnerships, collaborations • Sustaining internal capabilities • Obstacles faced • Insurmountable weaknesses • Sustainable financial support • Economic situation faced

D6.1 Cluster Research Agenda

The general structure of the strategic research agenda has been agreed among the partners and include the following key information:

- Executive summary
- Background: Mission and purpose of the Assistive Technology Cluster of San Sebastián
- Structure of the Cluster Research Agenda
- Strategic research priorities and methodologies
- Cooperation and coordination
- Research Areas and Tasks

The final version of the Cluster Research Agenda was elaborated, taken into account the comments and suggestions from the EU Experts of the Mentoring Committee in order to ensure the ambitious and aligned RTD research objectives defined for the San Sebastián AT cluster.

D 7.1 Implementation Plan of Assistive Technology Cluster of San Sebastián

The Implementation Plan is the working document for the setting up of the Research Agenda of the cluster. It was also jointly agreed with the participants of the working groups, in parallel to the elaboration of the Research Agenda.

The implementation plan includes the concrete actions that will be taken with a description:

- Strategic objectives
- Actions
- Participants involved
- Needed resources: Human and financial

- Gantt chart
- Monitoring indicators
- Participation in supporting programmes and structures (local, national, European level)

The final version of the Implementation Plan was elaborated, taken into account the comments and suggestions from the EU Experts of the Mentoring Committee in order to ensure the adequateness of the proposed actions and timeframe for the achievement of the Cluster Research Agenda objectives.

D.8.1: Project website

The document covers the specific contents of the project web site (www.tecforlife.eu), including an overview of the different sections.

D.9.1: Quality management plan

The aim of the Quality Management Plan (QMP) is to monitor the accomplishment of the objectives defined in the Tecforlife project, evaluating the achievement of the different phases and ensuring the quality of all the deliverables and results of the project. Quality assurance is based on the evaluation of the overall project performance on a regular basis to provide confidence that the project will satisfy the relevant quality standards.

The guarantee of the quality will be done through the control of the quality of the Deliverables and their delivery on-time.

Development process

The project is structured in 9 workpackages. The mentoring of EU experts in AT along all the project duration has been envisaged in WP1, for ensuring that key documents developed in the project are relevant and consistent. Additionally, WP2 and WP3 have considered the framework in which assistive technology sector has developed for having an overall vision on the initiatives boosted from the public administrations and the evolution of AT technology market. Furthermore, the local economic and RTD potentiality of San Sebastián has been analysed in WP4. The focus of WP5 has been the mobilisation of the local stakeholders in order to extract jointly agreed, contrasted and validated the Cluster Research Agenda and Implementation Plan that has been elaborated in parallel respectively in WP6 and WP7. Finally, WP8 focused on the dissemination of the results achieved in the project and WP8 ensured the correct management of the project and the monitoring of the progress.

Workpackage 1: MENTORING FROM HEALTH CLUSTER EXPERIENCES

➤ Objectives

To have along all the project duration the mentoring of European experts in health cluster experiences, in order to validate the relevant outcomes extracted from the project and contribute with their experience to the successful creation and implementation of the assistive technology cluster in San Sebastián.

Firstly, the project has analysed the health cluster experiences developed in different EU regions, to have a better knowledge on the experience gained, barriers addressed, best practices, management and working structures developed.

The analysis of these experiences in the health sector is considered of key importance, as from the one hand very few experiences in assistive technology sector clustering have been found, and on the other hand very important and successful

➤ Specific objectives

- Task 1.1 Selection and analysis of health cluster experiences at EU level
Personalized multimedia film content
- Task 1.2 Selection of the international cluster experts for mentoring
- Task 1.3 Validation of SWOT analysis
- Task 1.4 Participation of experts in local working group roundtables

➤ Progress towards objectives

The progress towards the objectives proposed in the Technical Annex has been as follows:

A thorough analysis has been carried out of successful health cluster experiences in Europe, with special attention to the factors that could be of key importance for the creation of an AT cluster in San Sebastian.

The following experts have been contacted and hired: Mark Hawley (Health expert), Javier Ruiz (Cluster expert) and Willem van Winden (Health and cluster expert). The Tecforlife consortium also contacted a fourth expert of the Health area who couldn't finally participate in the project due to agenda reasons. A first roundtable has been held with the experts in September 2009 to validate the work done in WP1, WP2 and WP3.

Workpackage 2: ANALYSIS OF POLICIES IN SUPPORT OF ASSISTIVE SECTOR

➤ Objectives

To analyse the general framework of public supporting policies and programmes for the assistive technology sector.

The analysis has covered the complete framework given for the assistive technology sector, from the European institutions, national administrations and local policy makers. This gave us the general picture in which the creation of the assistive technology cluster of San Sebastián is going to be created, and the alignment and coordination of the research driven cluster with this framework.

➤ Specific objectives

- Task 2.1 Analysis of European policies in support of assistive sector

- Task 2.2 Analysis of national policies in support of assistive sector
- Task 2.3 Collection and analysis of information regarding national and european programmes in support of assistive technologies
- Task 2.4 Analysis of local initiatives and environment in support of assistive sector
- Task 2.5 Policy implications for the support of assistive Technologies cluster

➤ Progress towards objectives

The progress towards the objectives proposed in the Technical Annex has been as follows:

In this workpackage the analysis has focused on having a better knowledge on the current situation of the AT market and the public policies and initiatives developed in support of assistive technologies sector and dependency.

The analysis has considered the following aspects:

- Specific public policies in support of the sector
- Innovation and technology policies
- Competition policies
- Environmental regulation
- Industry policies
- Regional policies
- Education and training policies
- SME policies
- Financing and cooperation programmes fostered at local level
- Public dynamisation initiatives
- Promotion of public–private agreement

Workpackage 3: ANALYSIS OF ASSISTIVE TECHNOLOGIES

➤ Objectives

The analysis of the current situation of the assistive technologies at European level, identifying the most innovative developments of the sector, the recent trends followed by the market and the different currently existing market niches.

This has helped to identify the high innovation potentialities expected for his market in the coming years and support for the later identification of the cluster research areas under WorkPackages 6 and 7.

➤ Specific objectives

- Task 3.1 Analysis of the strategic reports published by the European technology platforms
- Task 3.2 Analysis of industry technology offer at EU level
- Task 3.3 Compilation and analysis of the assistive technology projects financed at national and EU level
- Task 3.4 Analysis of patents in assistive technologies
- Task 3.5 Elaboration of report on current situation of assistive technologies

➤ Progress towards objectives

The progress towards the objectives proposed in the Technical Annex has been as follows:

An analysis has been carried out of the Assistive Technologies, including issues such as the strategic reports published by the European Technology platforms, the industry technology offer at EU level, the assistive technology projects financed at national and EU level, the patters in assistive technologies and the current situation of AT.

The strategic research agendas of the European technology platforms have been analysed to obtain a good understanding of the current technology situation faced by the industry and the research challenges detected for the future of the assistive technologies.

The consortium has also analysed the existing industrial technology offer to cover the market needs, from the existing reports and publications on the situation of assistive technologies in different European countries or areas.

Finally an analysis has been done of the assistive technology projects financed at national and EU level, and also of the patents in Assistive Technologies.

Workpackage 4: LOCAL ECONOMIC AND R&D POTENTIAL

➤ Objectives

To have a clear picture of the economic situation and R&D potential of the city of San Sebastián, based on the analysis of macroeconomic variables and indicators of the regional economic performance in research, technology development and innovation.

The analysis also covered economic context of the region of the Basque Country, being the main framework in which the economic development plans of the city is carried out.

➤ Specific objectives

- Task 4.1 Collection and analysis of the economic and technological situation
- Task 4.2 Analysis of the social needs and end user demand
- Task 4.3 Analysis of regional innovation indicators
- Task 4.4 Analysis of current market trends and barriers
- Task 4.5 First SWOT draft
- Task 4.6 Technical validation with European Experts
- Task 4.7 Final SWOT and definition of the scope of the cluster and cooperation areas

➤ Progress towards objectives

WorkPackage 4 includes the analysis of the local economic and R&D potential. Some of the issues analysed for this purpose are: the economic and technological situation, social needs and end user demand, regional innovation indicators and current market trends and barriers.

The main issues analysed in WorkPackage 4 have been the following:

- Update of the economic and technological data of San Sebastián, the Basque Country and Spain, including indicators such as: GDP, consumer prices, interest rates, situation of public and private institutions, R&D investment, and so on.
- Analysis of the social needs and user demand: The current AT final user demands have been analysed, focusing mainly on issues such as the segmentation of the final users, specific social needs to be covered by AT, barriers for the access of AT and structural changes of the demand in recent years.
- Analysis of regional innovation indicators
- Analysis of current market trends and barriers in order to have a good knowledge of the difficulties addressed by the market to commercialise innovative devices for the assistance of elderly or disabled people.

After analysing the AT sector at local, national and European level, paying special attention to policies and other support initiatives and implications and studying the local economical and R&D potential a swot analysis is elaborated and validated by the experts panel having the basis for the definition of the cluster scope and research agenda. The original swot analysis presented in the initial report of the project has been widely complemented and discussed improving it.

Workpackage 5: LOCAL WORKING GROUPS

➤ Objectives

The organisation of working groups for the discussion on the promising research areas in assistive technologies, the barriers and difficulties addressed by the sector and the establishment of cooperation linkages among the participants of the working groups. In principle, the number of working groups will depend on the research areas of interest detected and the interest shown by the stakeholders to participate in each of them.

The WorkPackage 5 run in parallel to WorkPackage 6 for the definition of the general scope of the assistive technology cluster and research agenda, with the research cooperation areas of interest for the different stakeholders represented in the cluster and with high market impact. Therefore, desk research among project partners and working

group meetings combined for the definition of the vision, mission and research agenda of the cluster. The working group meetings enabled to deeply discuss and agree on the strategic working lines to be followed by the cluster in the coming years.

➤ Specific objectives

- Task 5.1 Definition of the general structure of the working groups
- Task 5.2 Agreement, organisation and mobilisation of working groups
- Task 5.3 Organisation of working group meetings

➤ Progress towards objectives

The progress towards the objectives proposed in the Technical Annex has been as follows:

Definition of the structure, planning and objectives of the local working groups: Three working group meetings were held during 2010 with the regional AT stakeholders. The first meeting took place in March 2010 and the Cluster initiative was presented in it. Additionally a SWOT analysis was presented by the project partners and further discussed with the local stakeholders. The second meeting took place in June 2010 and the main objective of the meeting was to identify the main needs and requests of the AT stakeholders in relation to the cluster. Finally, there was a last meeting in December 2010 for the presentation of a proposal of Implementation Plan and discussion with the stakeholders.

Workpackage 6: DEFINITION OF CLUSTER SCOPE AND RESEARCH AGENDA

➤ Objectives

The definition of the scope of the assistive technology cluster of San Sebastián, with the general mission and strategic vision of the cluster and the specific objectives that wants to achieve.

The objective was the definition of the general vision and mission of the cluster, as well as the strategic research agenda that will include the most promising research areas for developing the assistive technologies of the next 10–15 years and that should be taken into account and covered by the cluster of San Sebastián.

The research agenda was defined among all the stakeholders of the assistive technology value chain, in order to ensure that it meets with the expectations of the different stakeholders and the involvement of all the relevant actors to ensure the strong foundations of the cluster and the expected impact in economic development of the city of San Sebastián.

The definition of the scope and Research Agenda of the cluster was done in parallel with the workpackage 5 of local working group organisations

The Strategic research agenda was completely aligned with the Strategic Development Plan of the city of San Sebastián and the Basque Country regional Strategic Plan.

➤ Specific objectives

- Task 6.1 Definition of the cluster vision, mission and global objectives
- Task 6.2 General structure of the assistive technology cluster research agenda
- Task 6.3 Definition of cluster research agenda
- Task 6.4 Validation with the mentoring committee of the project
- Task 6.5 Cluster Research Agenda

➤ Progress towards objectives

The Strategic Research Agenda (SRA) for the local cluster aims at prioritising research and development efforts in some selected areas and promote cross-fertilisation among all stakeholders of the cluster. The SRA has been orchestrated by the project partners with an intensive participation of all the local stakeholders in the AT sector, through gathering their suggestions and comments on the most promising research areas for AT.

The identified Research areas are the following:

- Telecare: the use of novel technologies for care applications, in particular tele-monitoring, support to caregivers and personal safety and security applications.
- Accessibility: offer the rights to all the persons to access services, spaces and products with special focus on public transport, outdoor spaces, public/private buildings and public services.
- Ageing: the role of AT to improve the quality of life in chronic diseases; the role of AT to fill the gap in family/work conciliation; the potential AT users in oldest old;

ageing and public transport; and improving attention and reducing costs in health care.

- Evidence based policy making: provide the policy makers the high quality input to design the best quality policies.
- Mobility: local opportunities with two main strategic projects: the first one centred around the development of the electric car and the second one, the creation of the institute for research and knowledge on the train of the future.
- Independent living: research on community based living environments and how they can be organized; research on the delivery of community-based services; analysis of the costs and benefits of support systems for independent living.
- Public services management models: research on new management models to make responsible use of available economic resources.

Workpackage 7 IMPLEMENTATION PLAN

➤ Objectives

To develop a working document for the setting up of the Research Agenda of the cluster. It was also jointly agreed with the participants of the working groups, in parallel to the elaboration of the Research Agenda.

➤ Specific objectives

- Task 7.1 Definition of the content of the Implementation Plan
- Task 7.2 Agreement with Working Groups
- Task 7.3 Definition of implementation plan – Making it happen in 3 years
- Task 7.4 Validation of the Mentoring Committee
- Task 7.5 Implementation Plan

➤ Progress towards objectives

The Implementation Plan was first written by the Tecforlife partners and later contrasted with the project experts and local AT stakeholders. A final version was written taking into consideration the received comments and suggestions.

Workpackage 8: DISSEMINATION

➤ Objectives

The aim of this WorkPackage was the dissemination of the results achieved under the project regarding the methodology followed to create an assistive technology cluster:

- Dissemination through project website
- Dissemination to local stakeholders in order to get them actively involved in the creation of the AT cluster
- Dissemination to regional, national and EU public administrations and AT stakeholders through different channels (networks, committees, platforms, etc).
- Dissemination through final cluster launching event

The project partners has had complementary profiles representing the different stakeholders working in the assistive living sector, and therefore they had the expertise and dissemination networks to ensure that the results of the project reach the different stakeholders and institutions in charge of economic development.

➤ Specific objectives (active tasks during this period)

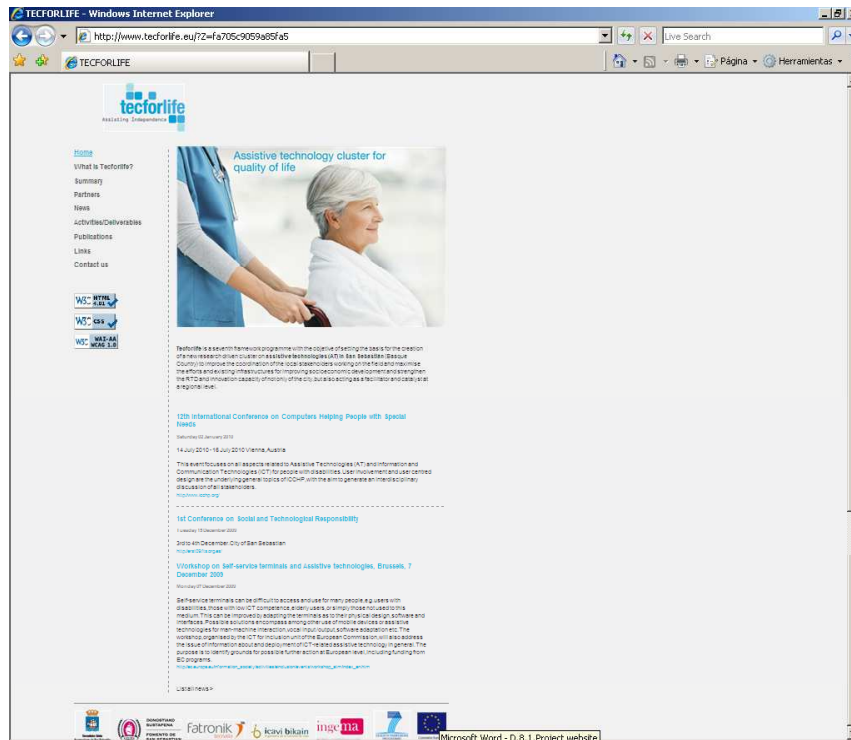
- Task 8.1 Project website
- Task 8.2 Dissemination to local stakeholders
- Task 8.3 Dissemination to regional, national and European public administrations
- Task 8.4 Final Cluster Launching Conference

➤ Progress towards objectives

The progress towards the objectives proposed in the Technical Annex has been as follows:

Dissemination activities performed under WorkPackage 8 during the second period:

1- Continuous update of the project website (www.tecforlife.eu).



2- Final project brochure for dissemination activities (the first project brochure has been updated at the end of the project to include information about the research agenda and implementation plan)

Assistive Technology Cluster for Quality of Life

28th January 2011

AGENDA

08:45 - 09:00:
Reception and collecting of material

09:00 - 09:35:
Conference opening and welcome: "The Assistive Technology Cluster of San Sebastián" - Euzen Sesé, Fomento de San Sebastián

09:35 - 10:10:
"The challenge of distance care: Some considerations for elderly tele-care" - Miquel Domenech, Autonomous University of Barcelona

10:10 - 10:45:
"Assistive technologies in a mobile environment" - Tomás de Andrés, Vodafone Foundation

10:45 - 11:15:
Coffee break

11:15 - 11:40:
"Cooperation in innovation of technologies for Health, Wellbeing and Social cohesion" - Sofia Moreno, Spanish eVis Platform

11:40 - 12:05:
"Reference centres in AT: CEAPAT-IMSERSO and AAATE" - Cristina Rodríguez, CEAPAT-IMSERSO

12:05 - 12:30:
"Experiences and challenges in Tifitotechnology" - Eugenio Pérez, CYDAT - GNCE

12:30 - 12:55:
"Socio-technical aspects applied to the assistive technologies and quality of life" - Jordi Garcés, Instituto Poibienestar

12:55 - 13:50: ROUNDTABLE
"The short term challenges of Assistive Technologies in our society". Invited experts: Mark Hawley, Willem van Widen, Tecnalia, Ingema, Grupo Icaai.

13:50 - 14:00:
Closing of the Conference

14:00 - Lunch - Networking

"We all make the project possible together..."

What is the Support Solutions for Quality of Life Cluster?

The Cluster is a group of agents from the sector who collaborate to achieve a common benefit and contribute to the development of the Support Solutions for Quality of Life.

What type of agents can participate in the Cluster?

- Companies.
- Research Centres.
- Universities.
- Users' Organisations.
- Public Institutions and Authorities.
- Health Centres and Hospitals.
- Foundations.
- Professionals and bodies with links to the sector.

What does participating in the Cluster involve?

It involves enjoying the following:

- Promotion.
- Advice Service.
- Image.
- Participation in the forums.
- Making contributions to the Cluster's strategy (borrentoss@donostia.org, 943482800).
- Networking.

It also implies certain obligations:

- Participating in campaigns and actions carried out.
- Responding to the proposals launched from the Cluster, answering questionnaires, constructive criticism of projects, suggesting alternative proposals, collaboration in the design of events (congresses, fairs, etc.).
- Progressive leadership of agents in the Cluster's activity: active involvement of agents in specific workgroups for the promotion of projects of interest to them.

What do you have to do to join the Cluster?

Contact the Support Solutions for Quality of Life Cluster. They will give you all the necessary information, as well as membership criteria according to your type of company. Membership is formalised by a membership letter.

January 2011

Conference for the Presentation of the Support Solutions for Quality of Life Cluster

Donostia Life On
Kursaal Congress Centre

"Thanks to the Cluster's strategy we can advance in the objective of turning knowledge and R&D&I into GDP, by backing specific sectors, working together and public-private collaboration and cooperation"



Euzen Sesé
Director of Fomento de San Sebastián

Support Solutions for Quality of Life Cluster

Director: Maite Ayestaran
Expert: Izaskun Cuatrecasas
Contact: borrentoss@donostia.org, 943482800

Support Solutions for Quality of Life Cluster

MISSION

To improve the competitiveness of companies and agents who work in the area of Support Solutions for Quality of Life, and to increase social perception about the benefits of this type of products and services.

VISION

To become (within 5 years) a regional reference in the revitalisation and promotion of the competitiveness of the Support Solutions for Quality of Life Sector, with a direct impact on the Sector's image and on each of the links in the value chain of the Support Solutions products and services.

OBJECTIVES

- To strengthen and develop the existing Support Solutions organisations.
- To promote the creation of new companies in the sector.
- To promote Business Innovation.
- To improve training and professionalization in the sector.
- To encourage technological research and development in Support Solutions.
- To detect new possibilities in support products and services.

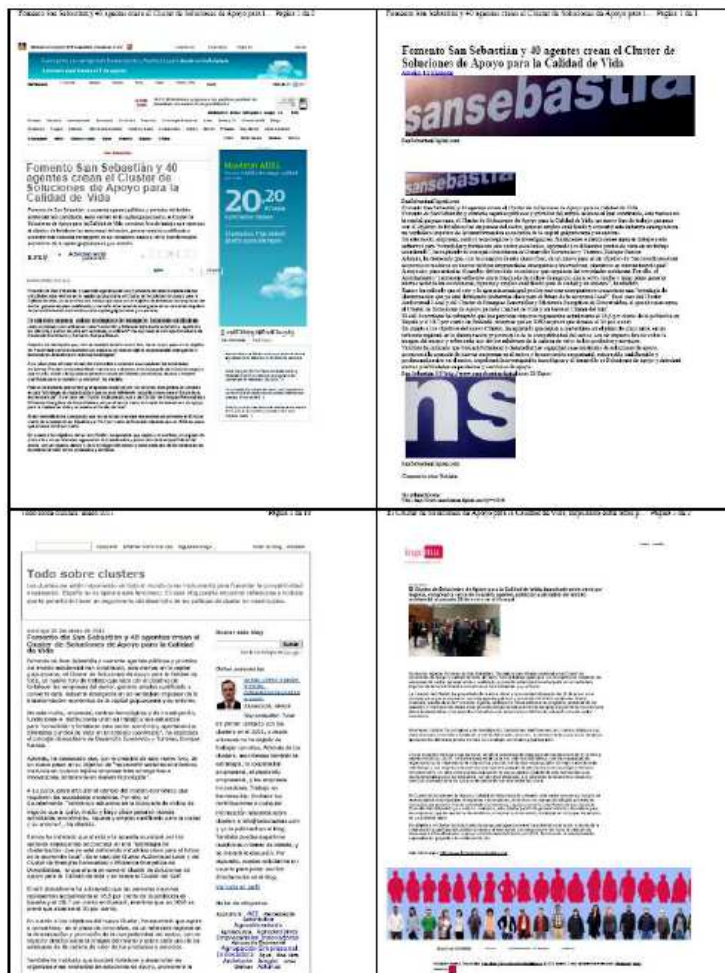
STRATEGIC POINTS

- PARTICIPATION FORUM.
- INTERNATIONALISATION AND PROMOTION.
- COOPERATION PROJECTS.
- R&D&I BOOST.
- SPECIALISED ADVICE.
- COMMUNICATION AND RAISING AWARENESS.
- CREATION OF NEW BUSINESS FABRIC.
- TRAINING AND EMPLOYMENT.
- SECTOR OBSERVATORY AND MONITORING.



- 3– Attendance to the IX Zahartzaroa (Basque Association for Geriatrics and Gerontology) Conference. Atención Sociosanitaria: un espacio virtual, una necesidad real (socio-healthy care: a virtual space, a real need). San Sebastian 22nd April 2010
- 4– Writing of an abstract to be presented at the 17th Congress of the International Sociological Association (ISA) on the 12–16 July 2010 in Gothenburg, Sweden. “Strengthening the assistive technology sector in San Sebastian (Spain) to foster citizens’ quality of life and improve the city’s socio-economic development.. A case study.”. The paper is to be orally presented in Session 6: Science, technology and innovation in cities and regions (Joint session of RC02 Economy and Society and RC23 Sociology of Science and Technology [host committee]).
- 5– 11st European AATE Conference Abstract. A cluster initiative to strengthen the asistive technology sector in San Sebastian – Spain. San Sebastian 31st August 2011
- 6– Dissemination of the Tecforlife project in the Portal Mayores of the IMSERSO (National Institute for Older Persons and Social Services) (Nov 11)
<http://www.imsersomayores.csic.es/seniinv/quienesquien/proyectos/indice/proyecto-1597.html>
- 7– Final Cluster Launching Conference (28/01/2011). It took place in San Sebastian and organised in two parts. In the first part the main results and conclusions from the project were presented. In the second part, there was a series of presentations by experts in relation to the areas identified at the Research Agenda of the Assitive Technology cluster of San Sebastian. The Conference included a circuit of Stands that could be visited during the coffee and lunch breaks. The objective of these Stands was to exhibit a sample of local AT products and services from the most active local stakeholders, including companies, user-associations, research centres and public institutions.
- 8– Press clipping on the occasion of the Final Launching Conference (28/01/11)

Assistive Technology Cluster for Quality of Life



-20minutos

-SanSebastianDigital.com

-Ingema´s website

-todoclusters.com

Workpackage 9: MANAGEMENT

➤ Objectives

To monitor the correct progress of the project and achievement of the proposed objectives:

- To ensure an appropriate management network linking together all the project components and maintaining fluid communication with the Commission project officer.
- To monitor the project progress in order to respect time and resources constraints and, at the same time, to achieve the planned outcomes.

➤ Specific objectives (active tasks during this period)

- Task 9.3 Progress review meetings
- Task 9.4 Project progress reports
- Task 9.5 Communication with European Commission

➤ Progress towards objectives

The progress towards the objectives proposed in the Technical Annex has been as follows:

- During the second year of the project, 9 consortium meetings and one expert roundtable have been taken to ensure the project is carried out as planned and to take any corrective actions needed to meet the plan, achieving the planned objectives for the second period. All the partners have attended these project meetings.

The management consortium meetings planned and developed are the following:

- 6th project progress meeting held in San Sebastian (Spain) on the 5th February 2010
- 7th project progress meeting held in San Sebastian (Spain) on the 2nd March 2010
- 8th project progress meeting held in San Sebastian (Spain) on the 24 March 2010
- 9th project progress meeting held in San Sebastian (Spain) on the 26th April 2010
- 10th project progress meeting held in San Sebastian (Spain) on the 17th May 2010
- 11st project progress meeting held in San Sebastian (Spain) on the 1st June 2010

- 12nd project progress meeting held in San Sebastian (Spain) on the 25th June 2010
- 13rd project progress meeting held in San Sebastian (Spain) on the 17th September 2010
- 2nd Expert Roundtable held in San Sebastian (Spain) on the 27th October 2010
- 14th Final project meeting held in San Sebastian (Spain) on the 10th January 2011

–During this period all the partners have contributed to the sixth monthly reports and to the first Periodic Report

–In terms of communication, as well as through the different meetings, all beneficiaries regularly communicate via email, Skype, telephone,...with each other, in order to complete the activities on time and according to the workplan. All the partners have attended the project meetings and have taken part in the quality internal control. They have contributed to the sixth monthly reports and have also sent contributions for Claim 2

1.3 A description of the main S&T results/foregrounds

The main result of the project has been the creation of a cluster of assistive technologies to develop the research and the sector.

MEMBERS OF THE CLUSTER

- 35 companies of the sector:

Grupo Icavi ,eMedica, Osetech, S.L., Sumisan, Obea, Gitek (Grupo Gureak), Iriscom, Osoa, Saludnova, Xmadina, Egoki Sport, Clece, Zaindari, Akceso, Obea Chair, Mikelan, Suman Social, Limbika Tecnologías asistivas, Ikusi, Nesplora, Lautech, Alcad, STT Ingeniería y Sistemas , Innopia, Ithaka Design, Orthopedics: M^a Angeles Navarro Loidi, 60 Plus, Bidasoa, Gracia, Sumisan, Ténes Iturri, Vallecillo, Germán, Txofre, Zuk Zeuk,

- 9 research centers

Fatronik–Tecnalia, Ingema, Cidemco–Tecnalia, CEIT, CIC–Tourgune, Teckniker, Ikerlan, Vicomtech, Computers University (EHU)

- 13 users organisations

Afagi, Atece, FGDPM, Elkartu, Ademgi, Aspagi, Gautena, ONCE, Bera Bera, Hospital Donostia, Igualatorio Médico Quirúrgico, Mutualia

- 7 public entities

Basque Government – Helth Department, Osatek, Diputación de Gipuzkoa, Gipuzkoa Berritzen, Chamber of Commerce of Gipuzkoa, Donostiako Etxegintxa, Kutxa Obra Social

- 8 foundations and associations

APTES – Fundación Tecnología Social, Matia Innova, Adpata Foundation, Zorroaga Foundation, Carlos Bosegi (Policlinica Gipuzkoa) foundation, college of riggers and technical arguitects of Gipuzkoa, college of nurses, college of medicine

MISSION

To improve the competitiveness of the companies and stakeholders that work in the field of the assistive technologies and to increase the social perception of the benefits of those products and services.

VISION

To become (in the deadline of 5 years) a regional reference in the promotion of the competitiveness of the assistive technologies sector

OBJECTIVES OF THE CLUSTER

- To promote the research in the sector and the development of assistive technologies
- To strength and develop the organisations working in the assistive technologies
- To stimulate the creation of new companies in the sector
- To promote the innovation
- To improve the cualification and the professionalization of the sector
- Impulsar la investigación tecnológica y el desarrollo en Soluciones de apoyo
- To detect new possibilities of products and services

MAIN ACTIVITIES TO BE DEVELOPED FOR THE CLUSTER

↳ Cooperation and networking

- Presentations of the organisations, projects, researchs... permanent contact within the participants in the cluster
- Newsletter sectorial
- Participation in social networks and webs
- Visits to other countries companies in order to better know the sector: researchs, projects...

↩ Training and employment

- Intermediation between the demand and the offer
- Training :
 - personal assistance and independent life
 - auxiliary adviser in assistive technologies
 - implementation of assistive technologies
- Identification of needs of training
- Plan for the promotion of the employment:
 - grants of 1500 € for a new job created with at least 3 months of duration and up to 3.000 for 6 months duration

↩ Promotion of the companies of the sector

- Services for new companies in the sector and the promotion of the innovation
- Demonstration of products, technologies, etc.
- Economic helps for the creations of new companies in the city:
 - Grants up to 10.000€ for the creation of new companies
 - Up to 300€ for nursery for each child below 3 years
 - Up to 10.000 € for the succession of companies
- 1 company has been created during 2010
- Support to the entrepreneurs : itineraries for the creation of companies, funding agreements, rent of spaces in the companies centers ...

↩ Identification of projects

- Identification and analysis of research projects
- Development of a on line catalogue of assistive technologies with information of the assistive technologies: products, prices, etc.
- Identification of infrastructures needs: location for entrepreneurs, living labs, spaces for demonstrations, etc.

↳ Sectorial Observatory

- Creation of a database of companies and entities of the sector in San Sebastián
- Indicators related to the evolution of the sector of assistive technologies
- Estimation of GDP and employment
- Characterization of the sector and the demand

1.4 Potential impact and main dissemination activities and exploitation of results

1.4.1 Potential impact

The specific results achieved at the end of the project have been :

- Mobilisation of all the local stakeholders working in the assistive technologies sector
- Cooperation links and agreements among local stakeholders working in assistive technologies in the city of San Sebastián
- Experiences in assistive technologies or health clusters on assistive technologies in the city of San Sebastián.
- Implementation plan with practical guidelines on the activities to be carried out in the next future to develop the cluster research agenda
- Dissemination of the experience gained in setting up an assistive technology cluster to local, national and european stakeholders

It is too early to measure the economic impact that the creation of the cluster will have. However the Strategic Research Agenda (SRA) for the local cluster aims at prioritising research and development efforts in some selected areas and promote cross-fertilisation among all stakeholders of the cluster. The SRA has been orchestrated by the project partners with an intensive participation of all the local stakeholders in the AT sector, through gathering their suggestions and comments on the most promising research areas for AT.

The identified Research areas are the following:

- Telecare: the use of novel technologies for care applications, in particular tele-monitoring, support to caregivers and personal safety and security applications.
- Accessibility: offer the rights to all the persons to access services, spaces and products with special focus on public transport, outdoor spaces, public/private buildings and public services.
- Ageing: the role of AT to improve the quality of life in chronic diseases; the role of AT to fill the gap in family/work conciliation; the potential AT users in oldest old; ageing and public transport; and improving attention and reducing costs in health care.
- Evidence based policy making: provide the policy makers the high quality input to design the best quality policies.
- Mobility: local opportunities with two main strategic projects: the first one centred around the development of the electric car and the second one, the creation of the institute for research and knowledge on the train of the future.
- Independent living: research on community based living environments and how they can be organized; research on the delivery of community-based services; analysis of the costs and benefits of support systems for independent living.
- Public services management models: research on new management models to make responsible use of available economic resources.

The creation of the cluster could have an economic impact in the above mentioned areas.

1.4.2 Main dissemination activities

Dissemination activities have been developed during the project. The most important activity has been the Launching Conference for the cluster held on the 28th of January 2011 and presenting the main results and conclusions from the project as well as the main conclusions from the Research Agenda and Implementation Plan of the Assistive Technology Cluster in San Sebastián.

List of dissemination activities performed during the project:

- Project website (www.tecforlife.eu)

- Special report with project description at a regional newspaper (Diario Vasco, 14/03/2009)
- Project brochure
- The project has been presented in the 51st Spanish Association of Geriatrics and Gerontology Conference in a poster session (Bilbao -Spain-, 03/06/2009). This conference brings together the Spanish experts and specialist in the field of ageing. It has been a great opportunity to explain the objectives of the project to relevant actors in the field of the assistive technologies.
- An oral paper was presented and discussed on the Tecforlife project called: "Ageing and Quality of Life-related Policies: A Preliminary Review of European Initiatives on Assistive Technologies" at the 9th Conference of European Sociological Association in Lisbon, Portugal on the 02/09/09. The paper was based on Deliverables 2.1 and 2.2. Link available at: <http://esa.abstractbook.net/abstract.php?aID=3307>
- Attendance to the 51st Congress of the Spanish Society for Gerontology and Geriatrics (SEGG in Spanish) at Bilbao on the 3-6 June 2009 to both see the Tecforlife poster displayed and to further the dissemination on the project via networking and taking part in the Congress discussions.
- Attendance to the IX Zahartzaroa (Basque Association for Geriatrics and Gerontology) Conference. Atención Sociosanitaria: un espacio virtual una necesidad real (socio-healthy care: a virtual space a real need). San Sebastián 22nd April 2010
- Writing of an abstract to be presented at the 17th Congress of the International Sociological Association (ISA) on the 12-16 July 2010 in Gothenburg, Sweden. "Strengthening the assistive technology sector in San Sebastian (Spain) to foster citizens' quality of life and improve the city's socio-economic development.. A case study.". The paper is to be orally presented in Session 6: Science, technology and innovation in cities and regions (Joint session of RC02 Economy and Society and RC23 Sociology of Science and Technology [host committee]).
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- Final Cluster Launching Conference (28/01/2011). It took place in San Sebastian and organised in two parts. In the first part the main results and conclusions from the project were presented. In the second part, there was a series of presentations by experts in relation to the areas identified at the Research Agenda of the Assistive Technology cluster of San Sebastian.

The Conference included a circuit of Stands that could be visited during the coffee and lunch breaks. The objective of these Stands was to exhibit a sample of local AT products and services from the most active local stakeholders, including companies, user-associations, research centres and public institutions.

1.4.3 Exploitation of results

The Implementation Plan for the Cluster have been defined and constitutes the roadmap for the final creation of the AT Cluster in San Sebastian. The stakeholders will continue the cooperation once the Tecforlife project has finished in order to create the Cluster.

1.5 Address of the project public website and relevant contact details

The consortium of the Tecforlife project is composed by:

Consortium	Participants	Country
Coordinator	Fomento de San Sebastián	Spain
Partners	Fatronik-Tecnia	Spain
	Ingema	Spain
	Icavi Bikain	Spain

Tecforlife Co-ordinator contact details:

Ms. Elisabeth Jorge

Fomento de San Sebastián

Tel: (+34) 943 482800

Fax: (+34) 943 444794

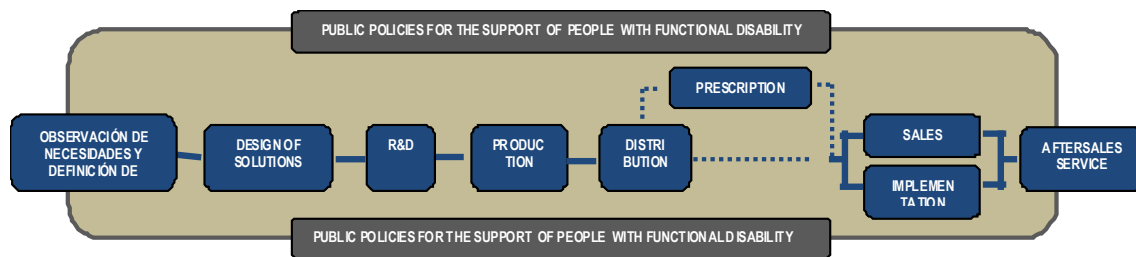
E-mail: elisabeth_jorge@donostia.org

The main information about the project is available at www.tecforlife.eu

1.6 Other

The following sections show diagrams, photographs and other dissemination materials illustrating the work done during the project.

1.6.1 Value chain of the San Sebastián AT Cluster



The vision of the AT Cluster is to become a local /regional reference dynamizer and promoter of competitiveness of the AT sector, with a direct impact in all the value chain links of AT products and services (ref. Deliverable 6.1 Cluster research agenda, point 4.2).

1.6.2 Picture of the breakfast working session with AT local agents on March 2010 (San Sebastián)



1.6.3 Pictures of the Final cluster launching conference held in the San Sebastian's Kursaal Congress Centre (28/01/11)



1.6.4 Final project brochure for dissemination activities – English version (Jan 2011)

28th January 2011

AGENDA

08:45 - 09:00:
Reception and collecting of material

09:00 - 09:35:
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12:55 - 13:50: ROUNDTABLE
"The short term challenges of Assistive Technologies in our society".
Invited experts: Mark Hawley, Winem van Wieden, Tecnalia, ingema, Grupo Ixavi.

13:50h - 14:00:
Closing of the Conference

14:00 - Lunch - Networking

"We all make the project possible together..."

• What is the Support Solutions for Quality of Life Cluster?

The Cluster is a group of agents from the sector who collaborate to achieve a common benefit and contribute to the development of the Support Solutions for Quality of Life.

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• What does participating in the Cluster involve?

It involves enjoying the following:

- Promotion
- Advice Service
- Image
- Participation in the forums
- Making contributions to the Cluster's strategy (formentoss@donostia.org, 943482800)
- Networking

It also implies certain obligations:

- Participating in campaigns and actions carried out
- Responding to the proposals launched from the Cluster: answering questionnaires, constructive criticism of projects, suggesting alternative proposals, collaboration in the design of events (congresses, fairs), etc.
- Progressive leadership of agents in the Cluster's activity: active involvement of agents in specific workgroups for the promotion of projects of interest to them.

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Director: Maitte Ayestaran
Expert: Izaskun Cuatrecasas
Contact: formentoss@donostia.org, 943482800

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OBJECTIVES

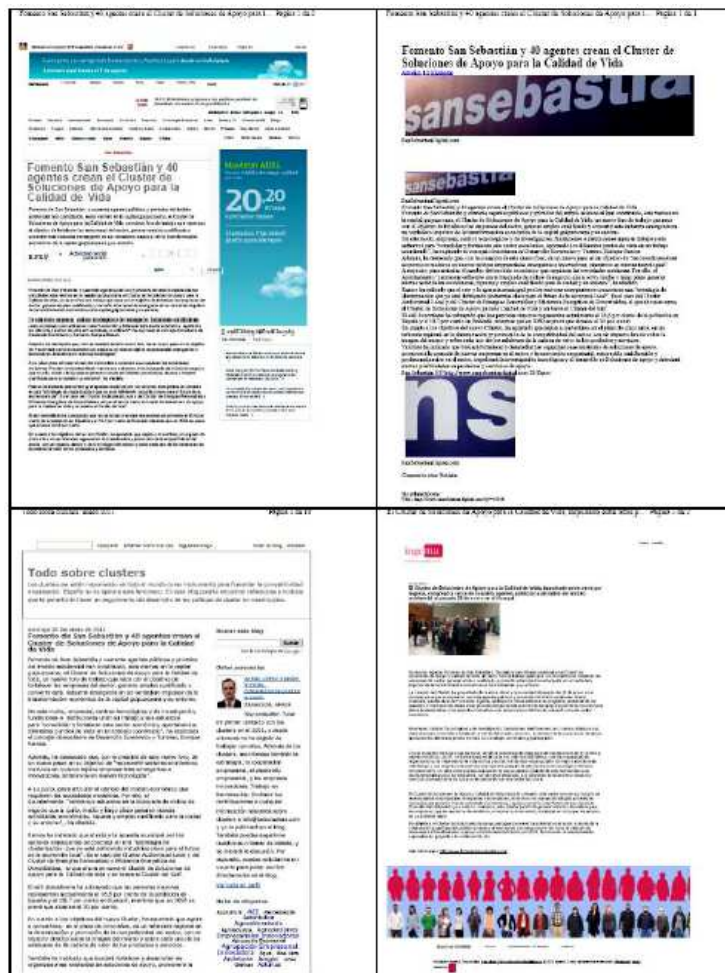
- To strengthen and develop the existing Support Solutions organisations.
- To promote the creation of new companies in the sector.
- To promote Business Innovation.
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- To encourage technological research and development in Support Solutions.
- To detect new possibilities in support products and services.

STRATEGIC POINTS

- PARTICIPATION FORUM.
- INTERNATIONALISATION AND PROMOTION.
- COOPERATION PROJECTS.
- R&D&I BOOST.
- SPECIALISED ADVICE.
- COMMUNICATION AND RAISING AWARENESS.
- CREATION OF NEW BUSINESS FABRIC.
- TRAINING AND EMPLOYMENT.
- SECTOR OBSERVATORY AND MONITORING.



1.6.5 Press clipping on the occasion of the Final Launching Conference (28/01/11)



-20minutos

-SanSebastianDigital.com

-Ingema's website

-todoclusters.com

2. Use and dissemination of foreground

2.1 Section A (public)

2.1.1 A1: List of all scientific (peer reviewed) publications relating to the foreground of the project

A1: LIST OF SCIENTIFIC (PEER REVIEWED) PUBLICATIONS, STARTING WITH THE MOST IMPORTANT ONES										
NO.	Title	Main author	Title of the periodical or the series	Number, date or frequency	Publisher	Place of publication	Year of publication	Relevant pages	Permanent identifiers ³ (if available)	Is/Will open access ⁴ provided to this publication?
1										
2										
3										

³ 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).

⁴ Open Access is defined as free of charge access for anyone via Internet. Please answer "yes" if the open access to the publication is already established and also if the embargo period for open access is not yet over but you intend to establish open access afterwards.

2.1.2 A2: List of all dissemination activities

TEMPLATE A2: LIST OF DISSEMINATION ACTIVITIES								
NO.	Type of activities ⁵	Main leader	Title	Date	Place	Type of audience ⁶	Size of audience	Countries addressed
1	Press release	Fomento	Tecforlife Special Report	14/03/09	Diario Vasco (San Sebastián)	Civil society , Research , Industry , Higer education, Industry, Policy Makers....	125.000	Spain
2	Web	Fomento	www.tecforlife.eu	continuous	All Countries	Civil society , Research , Industry , Higer education, Industry, Policy Makers....	2.000	All Countries
3	Brochure	Fomento	Tecforlife	continuous	San Sebastian (Spain)	Civil society , Research ,	500	Spain

⁵ A drop down list allows choosing the dissemination activity: publications, conferences, workshops, web, press releases, flyers, articles published in the popular press, videos, media briefings, presentations, exhibitions, thesis, interviews, films, TV clips, posters, Other.

⁶ A drop down list allows choosing the type of public: Scientific Community (higher education, Research), Industry, Civil Society, Policy makers, Medias ('multiple choices' is possible).

						Industry , Higer education, Industry, Policy Makers....		
4	Conference	Fatronik	51st Spanish Association of Geriatrics and Gerontology Conference : Poster Tecforlife-Tecnología para mejorar la calidad de vida	3 June 2009	Bilbao (Spain)	Experts in the topic of ageing	60	Spain
5	Conference	Ingema	9th Conference of the European Sociological Association Paper "Ageing and Quality of Life-related Policies: A Preliminary Review of European Initiatives on Assistive Technologies"	2 September 2009	Lisbon (Portugal)	Experts in the topic of ageing	60	Europe
6	Conference	Ingema	IX Zahartzaroa Conference: Poster Atención Sociosanitaria: Un espacio virtual una necesidad real	22 April 2010	San Sebastian (Spain)	Experts in the topic of ageing	60	Spain
7	Congress presentation	Ingema	17 th congress of the International sociological Association (ISA): Paper Strengthening the assistive technology sector in San Sebastián (Spain) to foster citizens' quality of life and improve the city's socioeconomic development.. A case study	12 July 2010	Gothenburg (Sweden)	Experts in the topic of ageing	60	All countries

Assistive Technology Cluster for Quality of Life

8	Congress presentation	Fatronik	11 th European AATE Conference Abstract A cluster initiative to strenghten the assistive technology sector in San Sebastian	31 August 2010	San Sebastian (Spain)	Experts in the topic of assistive Tehcnologies	60	Europe
9	Final Conference	Fomento	Support Solution for Quality of Life Cluster	28 th January 2011	San Sebastian (Spain)	Civil society , Research , Industry , Higer education, Industry, Policy Makers....	80	Spain

3. Report on societal implications

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

Grant Agreement Number:

229792

Title of Project:

TECFORLIFE

Name and Title of Coordinator:

ELISABETH JORGE

B Ethics

1. Did your project undergo an Ethics Review (and/or Screening)?

- If Yes: have you described the progress of compliance with the relevant Ethics Review/Screening Requirements in the frame of the periodic/final project reports? **No**

Special Reminder: the progress of compliance with the Ethics Review/Screening Requirements should be described in the Period/Final Project Reports under the Section 3.2.2 'Work Progress and Achievements'

2. Please indicate whether your project involved any of the following issues (tick box) :

RESEARCH ON HUMANS

- | | |
|---|----|
| Did the project involve children? | No |
| • Did the project involve patients? | No |
| • Did the project involve persons not able to give consent? | No |
| • Did the project involve adult healthy volunteers? | No |
| • Did the project involve Human genetic material? | No |
| • Did the project involve Human biological samples? | No |
| • Did the project involve Human data collection? | No |

RESEARCH ON HUMAN EMBRYO/FOETUS

- | | |
|---|----|
| Did the project involve Human Embryos? | No |
| Did the project involve Human Foetal Tissue / Cells? | No |
| Did the project involve Human Embryonic Stem Cells (hESCs)? | No |
| Did the project on human Embryonic Stem Cells involve cells in culture? | No |
| Did the project on human Embryonic Stem Cells involve the derivation of cells from Embryos? | No |

PRIVACY

- Did the project involve processing of genetic information or personal data (eg. health, sexual lifestyle, ethnicity, political opinion, religious or philosophical conviction)? No
- Did the project involve tracking the location or observation of people? No

RESEARCH ON ANIMALS

- Did the project involve research on animals? No
- Were those animals transgenic small laboratory animals? No
- Were those animals transgenic farm animals? No
- Were those animals cloned farm animals? No
- Were those animals non-human primates? No

RESEARCH INVOLVING DEVELOPING COUNTRIES

- Did the project involve the use of local resources (genetic, animal, plant etc)? No
- Was the project of benefit to local community (capacity building, access to healthcare, education etc)? No

DUAL USE

- Research having direct military use No
- Research having the potential for terrorist abuse No

C Workforce Statistics

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

Type of Position	Number of Women	Number of Men
Scientific Coordinator	1	
Work package leaders	2	2
Experienced researchers (i.e. PhD holders)	5	3
PhD Students		
Other		

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

Of which, indicate the number of men:

D Gender Aspects

5. Did you carry out specific Gender Equality Actions under the project?	<input type="radio"/>	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 effectiv e
<input type="checkbox"/> Design and implement an equal opportunity policy	C C C C C	C C C C C
<input type="checkbox"/> Set targets to achieve a gender balance in the workforce	C C C C C	C C C C C
<input type="checkbox"/> Organise conferences and workshops on gender	C C C C C	C C C C C
<input type="checkbox"/> Actions to improve work-life balance	C C C C C	C C C C C
<input type="radio"/> 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?	
<input type="radio"/> Yes- please specify 	
<input checked="" type="radio"/> NO	

E Synergies with Science Education

8. Did your project involve working with students and/or school pupils (e.g. open days, participation in science festivals and events, prizes/competitions or joint projects)?	
<input type="radio"/> Yes- please specify 	
<input checked="" type="radio"/> NO	

9. Did the project generate any science education material (e.g. kits, websites, explanatory booklets, DVDs)?	
<input type="radio"/> Yes- please specify 	
<input checked="" type="radio"/> NO	

F Interdisciplinarity

10. Which disciplines (see list below) are involved in your project?		
<input checked="" type="radio"/> Main discipline ⁷ : 3.3		
<input checked="" type="radio"/> Associated discipline: 5.4	<input type="radio"/>	Associated discipline:

G Engaging with Civil society and policy makers

⁷ Insert number from list below (Frascati Manual).

11a Did your project engage with societal actors beyond the research community? <i>(if 'No', go to Question 14)</i>		<input type="radio"/>	Yes
11b If yes, did you engage with citizens (citizens' panels / juries) or organised civil society (NGOs, patients' groups etc.)? <input type="radio"/> No <input checked="" type="radio"/> Yes- in determining what research should be performed <input type="radio"/> Yes - in implementing the research <input checked="" type="radio"/> Yes, in communicating /disseminating / using the results of the project			
11c In doing so, did your project involve actors whose role is mainly to organise the dialogue with citizens and organised civil society (e.g. professional mediator; communication company, science museums)?		<input type="radio"/>	No
12. Did you engage with government / public bodies or policy makers (including international organisations)			
<input type="radio"/> No <input type="radio"/> Yes- in framing the research agenda <input type="radio"/> Yes - in implementing the research agenda <input checked="" type="radio"/> Yes, in communicating /disseminating / using the results of the project			
13a Will the project generate outputs (expertise or scientific advice) which could be used by policy makers?			
<input checked="" type="radio"/> Yes – as a primary objective (please indicate areas below- multiple answers possible) <input checked="" type="radio"/> Yes – as a secondary objective (please indicate areas below - multiple answer possible) <input type="radio"/> No			
13b If Yes, in which fields?			
Agriculture Audiovisual and Media Budget Competition Consumers Culture Customs Development Economic and Monetary Affairs Education, Training, Youth Employment and Social Affairs		Energy Enlargement Enterprise Environment External Relations External Trade Fisheries and Maritime Affairs Food Safety Foreign and Security Policy Fraud Humanitarian aid	Human rights Information Society Institutional affairs Internal Market Justice, freedom and security Public Health Regional Policy Research and Innovation Space Taxation 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 access⁸ 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
☐ other⁹:

15. How many new patent applications ('priority filings') have been made?
("Technologically unique": multiple applications for the same invention in different jurisdictions should be counted as just one application of grant).

None

16. Indicate how many of the following Intellectual Property Rights were applied for (give number in each box).

Trademark

None

Registered design

None

Other

None

17. How many spin-off companies were created / are planned as a direct result of the project?

None

Indicate the approximate number of additional jobs in these companies:

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

⁸ Open Access is defined as free of charge access for anyone via Internet.

⁹ For instance: classification for security project.

<input type="checkbox"/> Increase in employment, or <input type="checkbox"/> Safeguard employment, or <input type="checkbox"/> Decrease in employment, <input checked="" type="checkbox"/> Difficult to estimate / not possible to quantify	<input checked="" type="checkbox"/> In small & medium-sized enterprises <input type="checkbox"/> In large companies <input type="checkbox"/> None of the above / not relevant to the project	
19. For your project partnership please estimate the employment effect resulting directly from your participation in Full Time Equivalent (FTE = one person working fulltime for a year) jobs: Difficult to estimate / not possible to quantify		<i>Indicate figure:</i> <input type="checkbox"/>
I Media and Communication to the general public		
20. As part of the project, were any of the beneficiaries professionals in communication or media relations? <input type="radio"/> Yes <input checked="" type="radio"/> No		
21. As part of the project, have any beneficiaries received professional media / communication training / advice to improve communication with the general public? <input type="radio"/> Yes <input checked="" type="radio"/> No		
22 Which of the following have been used to communicate information about your project to the general public, or have resulted from your project?		
<input checked="" type="checkbox"/> Press Release <input type="checkbox"/> Media briefing <input type="checkbox"/> TV coverage / report <input type="checkbox"/> Radio coverage / report <input checked="" type="checkbox"/> Brochures /posters / flyers <input type="checkbox"/> DVD /Film /Multimedia	<input type="checkbox"/> Coverage in specialist press <input checked="" type="checkbox"/> Coverage in general (non-specialist) press <input type="checkbox"/> Coverage in national press <input type="checkbox"/> Coverage in international press <input checked="" type="checkbox"/> Website for the general public / internet <input checked="" type="checkbox"/> Event targeting general public (festival, conference, exhibition, science café)	
23 In which languages are the information products for the general public produced?		
<input checked="" type="checkbox"/> Language of the coordinator (spanish) <input checked="" type="checkbox"/> Other language(s) Basque	<input checked="" type="checkbox"/> English	

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

Assistive Technology Cluster for Quality of Life

- 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 immuno-haematology, 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]