

Study supporting  
**Inclusive Growth Network on  
“Healthy and Active Ageing”  
in EU Cooperation  
Programmes  
2014 - 2020**

Study by Ecorys for INTERACT Valencia

**Project  
fiches**

# BALTSE@NIOR

Solutions to support enterprises in product development aimed at raising comfort and safety of seniors living at home

EUROPEAN COOPERATION HEALTHY AND ACTIVE AGEING FLAGSHIP PROJECT 2014-2020



## TOTAL BUDGET

€ 2.391.666

## EU CONTRIBUTION

28% (€ 672.417)

9

JOINT INITIATIVE Countries

Silver economy enterprise support

Active ageing for social inclusion

Innovative solutions for (rural) elderly

Healthcare professional skills

Disease prevention and diagnostics

## ABOUT

BaltSe@nior promotes innovation in the furniture industry by supporting companies that produce furniture adapted to the needs of the elderly.

To accomplish this goal, BaltSe@nior:

- Raises awareness about the need to raise senior's comfort and safety.
- Provides furniture companies in the BSR with a common identity and enhances their capacity to work transnationally.
- Offers furniture companies ICT tools, knowledge, and innovative working methods.

## OBJECTIVES

Despite population ageing being a growing challenge in the Baltic Sea Region, there is a lack of market offer of home products especially adapted to seniors' needs.

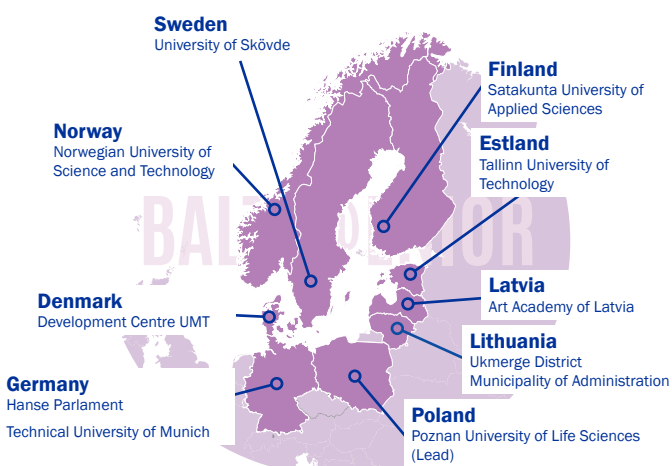
The main objectives of BaltSe@nior are to raise the well-being of senior citizens as well as to provide furniture enterprises with business opportunities.

## RESULTS

- Development of older-age customer profiles serving furniture companies to create smart products adapted to senior needs.
- A knowledge database collecting feedback from more than 3,000 seniors on their preferences in using various type of furniture, as well as on their IT capabilities and economic conditions.
- Several prototypes of senior-friendly furniture created in joint innovation and smart design workshops.

## HIGHLIGHTS

- Pioneering transnational project in the development of home products for the elderly.
- Innovative product: smart, senior-adapted furniture.
- Transferable to other EU regions aiming at improving the quality of life of senior citizens.



EUROPEAN UNION

European Regional Development Fund

## ERDF THEMATIC OBJECTIVE/ INVESTMENT PRIORITY

1. Strengthening research, technological development and innovation.

1b Promoting business investment in R&I, developing synergies between stakeholders.

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Automated care | Digitalisation | Urine analysis



# DIGIPEE

Dutch-German innovation develops a digital urine analysis

EUROPEAN COOPERATION  
HEALTHY AND ACTIVE AGEING  
FLAGSHIP PROJECT 2014-2020

## TOTAL BUDGET

# € 1.441.067

## EU CONTRIBUTION

# 50% (€ 720.533)

# 2

## JOINT INITIATIVE Countries

Silver economy  
enterprise support

Active ageing for  
social inclusion

Innovative solutions  
for (rural) elderly

Healthcare  
professional skills

Disease prevention  
and diagnostics

## ABOUT

DigiPee develops of a digital voiding diary with automated urinalysis as a plug and play device.

DigiPee works in this way: senior patients attach a measuring device to the toilet at home, so that they can easily obtain information about several health indicators on their smartphone, tablet or computer.

## OBJECTIVES

DigiPee addresses the rising demand for nursing services in Netherlands and Germany, especially in rural areas with poor or inaccessible medical services.

DigiPee's automated urinalysis device facilitates the monitoring of the health of elderly citizens, thus improving the healthcare systems of the region.

## RESULTS

- A fist-sized device that can be fitted in almost any toilet. This device is ground-breaking in the medical field as it detects urine flow and performs an automatic and non-contact urinalysis which provides a measurement of essential health parameters (hydration, glucose levels).
- An app which allows the patient to visualise the output of the measured data in a smartphone, tablet or computer.
- A digital voiding diary which makes it easier for health professional to monitor people at risk.

## HIGHLIGHTS

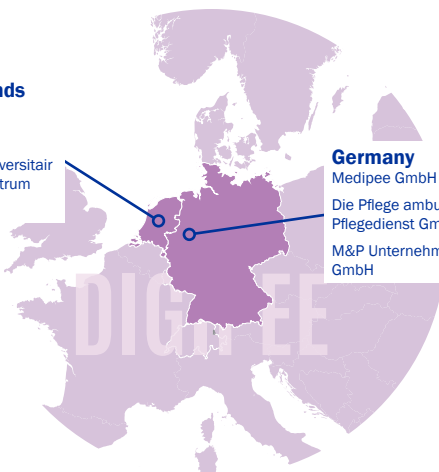
- Innovative medical product: automated urine analysis device resulting into a digital voiding diary.
- High transferability to other healthcare systems demanding improved health services for the elderly.
- Positive territorial impact promoted by the mutual collaboration of both countries in the development of new health products.

### Netherlands

Prange B.V.  
PhilMed B.V.  
Radboud Universitair  
Medisch Centrum  
Idenova B.V.

### Germany

Medipee GmbH (Lead)  
Die Pflege ambulanter  
Pflegedienst GmbH  
M&P Unternehmensberatung  
GmbH



### EUROPEAN UNION

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### ERDF THEMATIC OBJECTIVE/ INVESTMENT PRIORITY

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# HOCARE2.0

Delivery of Innovative solutions for Home Care by strengthening quadruple-helix cooperation in regional innovation chains

EUROPEAN COOPERATION  
HEALTHY AND ACTIVE AGEING  
FLAGSHIP PROJECT 2014-2020



## TOTAL BUDGET

€ 1.995.503

## EU CONTRIBUTION

83% (€ 1.664.033)

**6** JOINT INITIATIVE  
Countries

Silver economy  
enterprise support

Active ageing for  
social inclusion

Innovative solutions  
for (rural) elderly

Healthcare  
professional skills

Disease prevention  
and diagnostics

## ABOUT

HoCare2.0 develops innovative info-communication technologies for senior homecare.

HoCare2.0 follows a Quadruple Helix Co-creation Model, involving SMEs, research institutions, caregivers, and senior care-recipients and their families, in order to collaborate in:

- Identification of homecare needs.
- Design and manufacture of new homecare products.
- Evaluation of their impact.

## OBJECTIVES

HoCare 2.0 reacts to the growing need of designing more accessible home care products for the elderly.

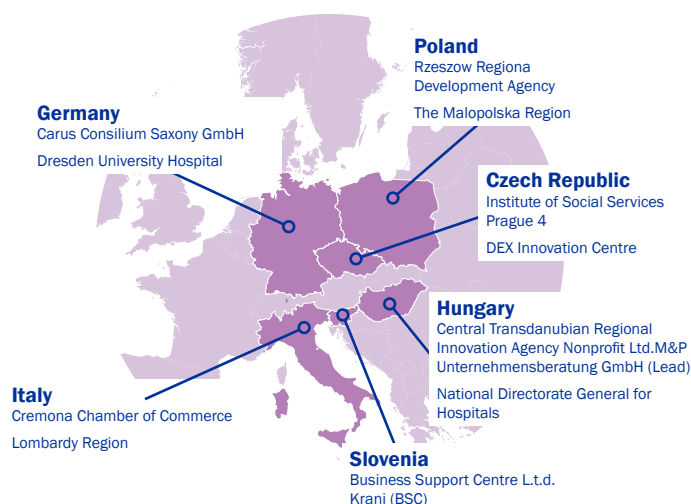
The HoCare 2.0 Project follows a co-creation approach with the objective of upgrading homecare services, especially in the form of age-friendly technologies.

## RESULTS

- Organisation of 59 national and international policy learning events in Europe
- Identification of 33 good homecare practices
- Production of 8 action plans, increasing the capacity of 178 people
- Improvement of 6 regional development policies.
- Creation of 2 innovative tools: SME Tool is used for delivery of innovative home care solutions and the Policy Tool is for co-creation of public health or social homecare services.

## HIGHLIGHTS

- Innovative design process based on co-creation of more accessible and needs-based homecare products for elderly people.
- Knowledge-dissemination facilitates the transferability of the resulting homecare practices and products to other EU regions in need of improved homecare solutions.
- Territorial impact enhanced by collaborative development and transregional cooperation through the implementation of action plans.



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## ERDF THEMATIC OBJECTIVE/ INVESTMENT PRIORITY

1. Strengthening research, technological development and innovation.
- 1b Promoting business investment in R&I, developing synergies between stakeholders.

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Silver economy | Smart specialisation | Smart Silver Lab/ Digital Silver Hub



# OSIRIS

Supporting the Smart Specialization Approach in the Silver Economy to increase Regional Innovation Capacity and Sustainable Growth

EUROPEAN COOPERATION  
HEALTHY AND ACTIVE AGEING  
FLAGSHIP PROJECT 2014-2020

## TOTAL BUDGET

€ 2.381.729

## EU CONTRIBUTION

76% (€ 1.809.524)

6

JOINT INITIATIVE  
Countries

Silver economy  
enterprise support

Active ageing for  
social inclusion

Innovative solutions  
for (rural) elderly

Healthcare  
professional skills

Disease prevention  
and diagnostics

## ABOUT

OSIRIS introduces virtual transnational cooperation platforms to create innovative products and services dedicated to ageing people.

By following a smart specialization approach in the Silver Economy, OSIRIS:

- Supports innovation through Smart Silver Labs in six regions around the Baltic Sea Region.
- Sets up a Digital Silver Hub to promote knowledge-sharing and to create of cross-border business schemes.
- Gathers shared expertise and resources among regions.

## OBJECTIVES

SEAFOOD-AGE addresses the problem of malnutrition in old age due to changes in eating habits and food choices as well as because of difficulties in meal preparation and intake.

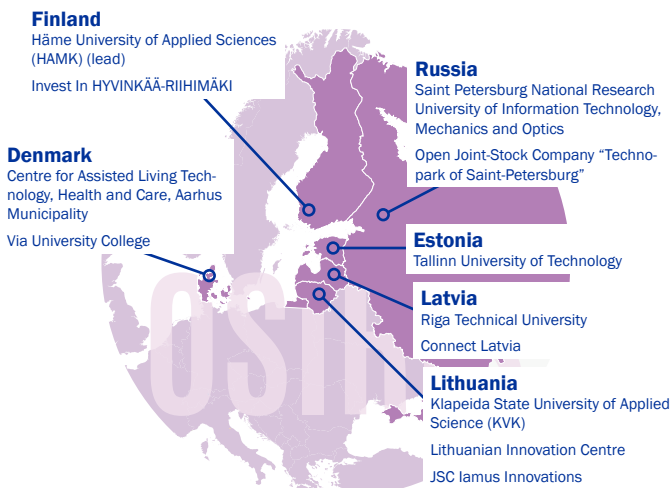
SEAFOOD-AGE aims at making seniors' diet healthier by providing essential nutrients found in seafood and by promoting the role of marine resources in healthier ageing.

## RESULTS

- Six Smart Silver Labs (SSL), pioneering virtual collaboration platforms based on an innovation ecosystem model. The Labs bring together innovation actors from business, academia, policymakers, and senior citizens to boost the creation of new solutions and products for the challenges of the ageing population.
- 'Digital Silver Hub', a major virtual collaborative platform, connecting the regional Smart Silver Labs in order to support transnational cooperation and diffusion of best practices in the Silver Economy market.

## HIGHLIGHTS

- Innovative smart digital solutions: virtual collaborative platforms that bring together relevant actors to tackle the challenges of healthy and active ageing.
- Transferability and replicability of the smart specialisation approach in the Silver Economy to other EU regions with an ageing population.
- Positive territorial impact: A major hub encompassing all regional virtual platforms fosters transnational cooperation in the Baltic Sea region.



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## ERDF THEMATIC OBJECTIVE/ INVESTMENT PRIORITY

1. Strengthening research, technological development and innovation.
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# SEAFOOD AGE

Smart and eco-innovative seafood processes and products for healthy AGEing

EUROPEAN COOPERATION  
HEALTHY AND ACTIVE AGEING  
FLAGSHIP PROJECT 2014-2020



## TOTAL BUDGET

**€ 2.926.188**

## EU CONTRIBUTION

**75%** (€ 2.194.641)

**6** JOINT INITIATIVE  
Countries

Silver economy  
enterprise support

Active ageing for  
social inclusion

Innovative solutions  
for (rural) elderly

Healthcare  
professional skills

Disease prevention  
and diagnostics

## ABOUT

SEAFOOD-AGE reacts to population ageing dynamics in the Atlantic area by designing ready-to-eat seafood products for over 65-year adults.

To do so, SEAFOOD-AGE:

- Designs healthier, high-quality ready-to-eat seafood products.
- Produces eco-innovative packages using natural resources and by-products.
- Creates smart predictive labels that help the elderly to make better-informed seafood choices.

## OBJECTIVES

SEAFOOD-AGE addresses the problem of malnutrition in old age due to changes in eating habits and food choices as well as because of difficulties in meal preparation and intake.

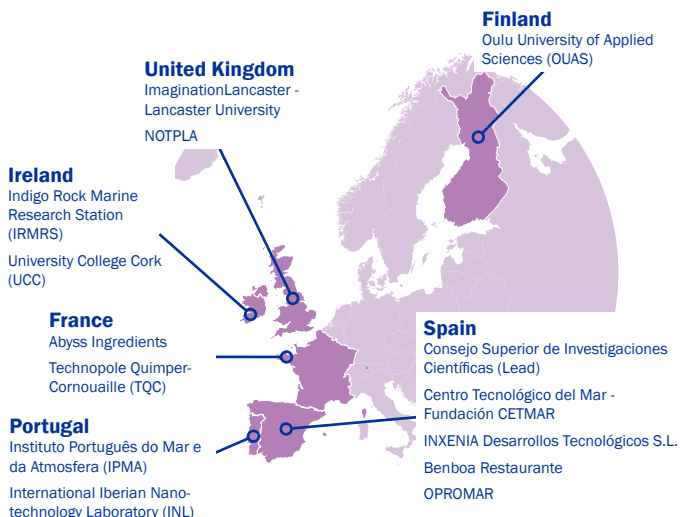
SEAFOOD-AGE aims at making seniors' diet healthier by providing essential nutrients found in seafood and by promoting the role of marine resources in healthier ageing.

## RESULTS

- SEAFOOD AGE introduces ready-to-eat seafood products in the diet of elderly people in order to provide them with essential nutrients that are challenging to obtain.
- Production of bioactive ingredients using Atlantic marine biomasses (by-products, discards and algae).
- Introduction of circular economy principles into the seafood sector: eco-innovative packaging solutions; smart labels for better quality, safety, and reduction of food waste; tools to improve traceability in the ready-to-eat seafood production value chain.

## HIGHLIGHTS

- Transnational innovative solution aimed at promoting a healthier diet for elderly people by developing ready-to-eat and sustainable seafood products.
- Transferable to other EU maritime regions aiming at improving the diet of their senior citizens.
- Positive territorial impact on the environment of coastal areas of the Atlantic region, strengthened by circular economy.



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## ERDF THEMATIC OBJECTIVE/ INVESTMENT PRIORITY

1. Strengthening research, technological development and innovation.
- 1b Promoting business investment in R&I, developing synergies between stakeholders.

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# ACPA

## Adapting European Cities to Population Ageing: Policy challenges and best practices

EUROPEAN COOPERATION  
HEALTHY AND ACTIVE AGEING  
FLAGSHIP PROJECT 2014-2020

**TOTAL BUDGET**  
**€ 248.972**

**EU CONTRIBUTION**  
**82%** (€ 203.585)

**6** **JOINT INITIATIVE**  
**Countries**

Silver economy  
enterprise support

**Active ageing for  
social inclusion**

Innovative solutions  
for (rural) elderly

Healthcare  
professional skills

Disease prevention  
and diagnostics

### ABOUT

The ACPA Project involves eight European cities (Amsterdam, Barcelona, Gothenburg, Hengelo, Greater Manchester, Nantes, Oslo, and Zaragoza) that are developing and implementing policies to better meet the needs of elderly residents.

The ACPA Project:

- Addresses the territorial challenges of demographic change at the European scale.
- Analyses how ageing is experienced in each city regarding social exclusion, spatial inequality, employment, migration, and social mobility.
- Investigates the effectiveness and impact of urban ageing policies.

### OBJECTIVES

European population is ageing rapidly, which demands the adaptation of cities to senior needs.

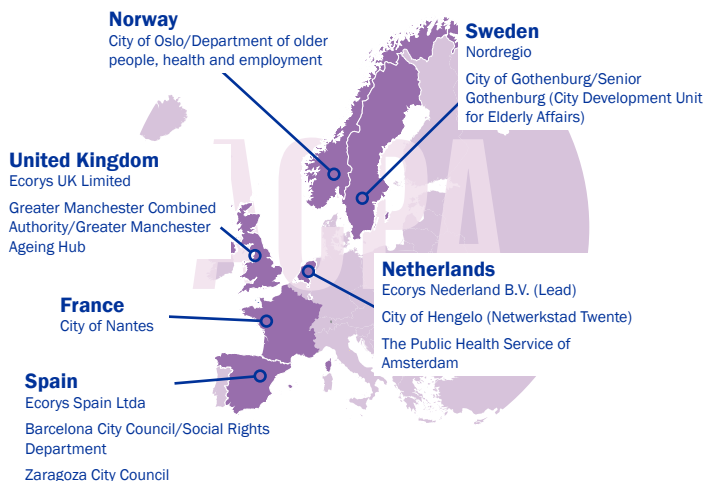
The main objective of the ACPA Project is to identify policies in eight European cities that are effective at supporting healthy and active ageing in urban environments.

### RESULTS

- An analysis of the demographic development patterns between 2000-2017 in the eight European cities.
- New insights regarding the quality of life of older people living in different types of cities. Particular attention is given to the sub-groups within the elderly population (single households, men-women, minority ethnic groups, and those living in 'gentrifying' neighbourhoods).
- An improved understanding of how urban environments can assist and benefit the social integration and civic participation of senior citizens.

### HIGHLIGHTS

- Innovative transnational study of the relationship between urban policies, typology of city and quality of life of elderly people.
- High transferability of ACPA results to other European cities facing demographic change, facilitated by a guide of good practices and policy recommendations.
- Positive territorial impact on urban development in the participating cities thanks to the assessment of age-friendly policies.



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### ERDF THEMATIC OBJECTIVE/ INVESTMENT PRIORITY

11. Enhancing institutional capacity of public authorities and stakeholders and efficient public administration.
- 11etc Promoting legal and administrative cooperation and cooperation between citizens and institutions.

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# ACTIVE

Advanced Competitiveness Through Improvement, Vision and Education

EUROPEAN COOPERATION  
HEALTHY AND ACTIVE AGEING  
FLAGSHIP PROJECT 2014-2020



**TOTAL BUDGET**  
**€ 433.401**

**EU CONTRIBUTION**  
**85%** (€ 368.391)

**2** **JOINT INITIATIVE**  
**Countries**

Silver economy  
enterprise support

**Active ageing for  
social inclusion**

Innovative solutions  
for (rural) elderly

Healthcare  
professional skills

Disease prevention  
and diagnostics

## ABOUT

ACTIVE intends to ensure healthier, more productive, and participative lives of the elderly in the labour market in Bulgaria and Romania.

The project develops activities including project management, vocational trainings, foreign language and IT trainings, among others; in order to increase the employment of the elderly. ACTIVE targets population aged between 55 and 70 years, employers, public authorities, and NGOs acting in the sustainable development and social economy areas.

## OBJECTIVES

The specific objectives of ACTIVE are:

- To increase the employment rate of the elderly by reducing occupational incompatibility of supply and demand of jobs due to the low or outdated level of the education.
- To ensure the insertion and maintenance in the labour market of elderly people in order to sustain an active and healthy ageing.

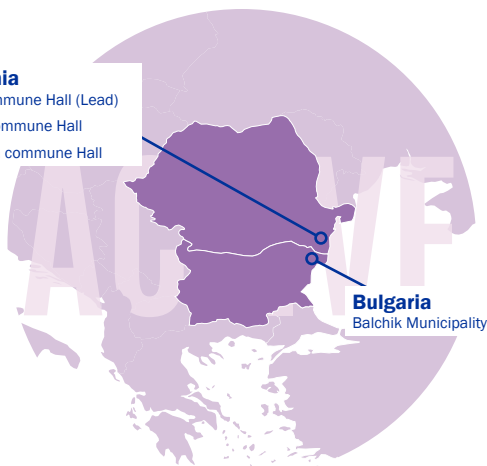
## RESULTS

- Establishment of four professional training centres in Tuzla, Agigea, Cumpana and Balchik.
- Organization of two Job Fairs in Tuzla and in Balchik.
- 192 seniors received qualification certificates in different professions (e.g. baby sitter, security agent, baker-pastry).
- Elaboration of a cross-border strategy to promote employment of the elderly.
- Development of two cooperation agreements between all project partners to strengthen collaboration in the field of labour force.

## HIGHLIGHTS

- High transferability of results to other European regions aiming to promote employment of the elderly.
- Positive territorial impact due to the focus on cross-border cooperation between Bulgaria and Romania aimed at maintaining the elderly people on the labour market.

**Romania**  
Tuzla commune Hall (Lead)  
Agigea commune Hall  
Cumpana commune Hall



**Bulgaria**  
Balchik Municipality



**EUROPEAN UNION**  
European Regional Development Fund

## ERDF THEMATIC OBJECTIVE/ INVESTMENT PRIORITY

8. Promoting sustainable transport and removing bottlenecks in key network infrastructures.

8etc Promoting sustainable and quality employment and supporting labour mobility by integrating cross-border labour markets, including cross-border mobility, joint local employment initiatives, information and advisory services and joint training.

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# E-DIGISTARS

Building of digital entrepreneurial capacities of the elderly through the innovative training system

EUROPEAN COOPERATION  
 HEALTHY AND ACTIVE AGEING  
 FLAGSHIP PROJECT 2014-2020

## TOTAL BUDGET

**€ 1.892.439**

## EU CONTRIBUTION

**85%** (€ 1.608.573)

**8**

**JOINT INITIATIVE  
Countries**

Silver economy  
enterprise support

**Active ageing for  
social inclusion**

Innovative solutions  
for (rural) elderly

Healthcare  
professional skills

Disease prevention  
and diagnostics

## ABOUT

The e-DigiStars Innovative System Project tackles two challenges in the Danube region: the lack of provision of simple digital services for SMEs, and the employability difficulties of the elderly population (50+).

The e-DigiStars System consists of 3 modules:

- POWERYOU to encourage digital self-employment.
- CAMPUS to adjust courses to specific needs of the elderly.
- LABEL to certify those elder workers that demonstrate enough digital skills.

## OBJECTIVES

E-DigiStars develops, pilots, and assures the sustainability of the eDigiStar Innovative system.

The main objective of the innovative training system is to successfully turn older workers with employability difficulties into digital self-employed entrepreneurs.

## RESULTS

The main expected result is an increase in the number of older workers being contracted to provide digital services, after completing the education of e-DigiStars. The main expected result is an increase in the number of older workers being contracted to provide digital services, after completing the education of e-DigiStars. To achieve this, the e-DigiStars Project:

- Promotes a training system for continuous empowerment of elderly people.
- Intensifies cooperation through tools development, piloting, evaluation, and Action Plan developments.
- Engages 16 employment offices, 10 educational and training centres, 18 business and industry actors, 9 associations representing the elderly and 37 policy actors to deliver good practice exploitable to other territories of Danube macro-region.

## HIGHLIGHTS

- Innovative training system aimed at the strengthening of digital entrepreneurship capacities among elderly workers.
- Delivery of good practices that enhance the transferability of the project to other EU regions facing lack of digital services provision and employment challenges for the elderly population.



**EUROPEAN UNION**

European Regional Development Fund

## ERDF THEMATIC OBJECTIVE/ INVESTMENT PRIORITY

1. Strengthening research, technological development and innovation.

1b Promoting business investment in R&I, developing synergies between stakeholders.

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# IN SITU

Intergenerational Social Innovation Support Scheme

EUROPEAN COOPERATION  
HEALTHY AND ACTIVE AGEING  
FLAGSHIP PROJECT 2014-2020



**TOTAL BUDGET**

**€ 2.151.900**

**EU CONTRIBUTION**

**82%** (€ 1.767.201)

**6**

**JOINT INITIATIVE  
Countries**

Silver economy  
enterprise support

**Active ageing for  
social inclusion**

Innovative solutions  
for (rural) elderly

Healthcare  
professional skills

Disease prevention  
and diagnostics

## ABOUT

The continued increase of long-term unemployment among the elderly (50+) and the resulting social exclusion pose a challenge to most European regions. IN SITU addresses the needs of these vulnerable groups in 6 regions of Central Europe to facilitate their integration in the labour market.

IN SITU establishes:

- New business development services, in the form of new social enterprises resulting from developed training.
- Support schemes integrated by expert support, care and third sector organisations, social innovation and entrepreneurship experts and public/private funding initiatives.

## OBJECTIVES

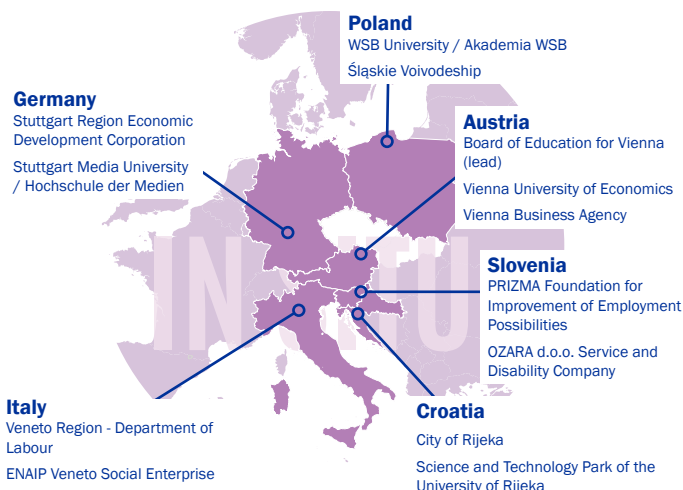
The main objective of IN SITU is to jointly develop and implement a tailored business development service and support scheme to promote the integration of the long-term unemployed into the labour market through social innovation and new social enterprises.

## RESULTS

- Establishment of 6 Social Innovation Hubs to provide the unemployed with professional support in starting-up and running their business.
- Transnational trainings and further tool development with the aim of building social innovation support schemes in project partners regions by training project partners staff and strategic triangle representatives (from governments, private businesses, and NGOs).
- Development of regional pilot actions to test and validate the support scheme and the 'social innovation footprint'.
- Cooperation of younger and older generations so that they can learn from each other by exchanging experiences, bridging missing skills and competences.

## HIGHLIGHTS

- Focus on the development of social innovation support schemes to enhance labour market integration.
- High transferability of results to other European regions facing long-term unemployment of the 50+.
- Boost of transnational cooperation among these six Central European regions to tackle intergenerational unemployment and social exclusion



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European Regional Development Fund

## ERDF THEMATIC OBJECTIVE/ INVESTMENT PRIORITY

1. Strengthening research, technological development and innovation.
- 1b Promoting business investment in R&I, developing synergies between stakeholders.

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# MITRA

Micro-transport by use of electrical power assisted cabin-cycles in towns and urban neighbourhoods

EUROPEAN COOPERATION  
HEALTHY AND ACTIVE AGEING  
FLAGSHIP PROJECT 2014-2020



**TOTAL BUDGET**  
**€ 39.950**

**EU CONTRIBUTION**  
**79% (€ 31.357)**

**2** **JOINT INITIATIVE**  
**Countries**

Silver economy  
enterprise support

**Active ageing for  
social inclusion**

Innovative solutions  
for (rural) elderly

Healthcare  
professional skills

Disease prevention  
and diagnostics

## ABOUT

The continued increase of long-term unemployment among Demographic change in the South Baltic region requires adaptations of the transport system.

The seed money MITRA project addresses planning authorities, charity organisations, social entrepreneurs, and senior citizens in order to develop mobility policies as well as an innovative micro-transport services (Electrical Power Assisted Cabin-Cycles, EPACs) suitable for the 65+ generation.

First, an analysis of state of play of micro-transport solutions and elderly needs and an analysis of the legal and regulatory framework for the EPACs use are performed. Then, the results are used to develop a service model applicable for roll-out of the micro-transport service.

## OBJECTIVES

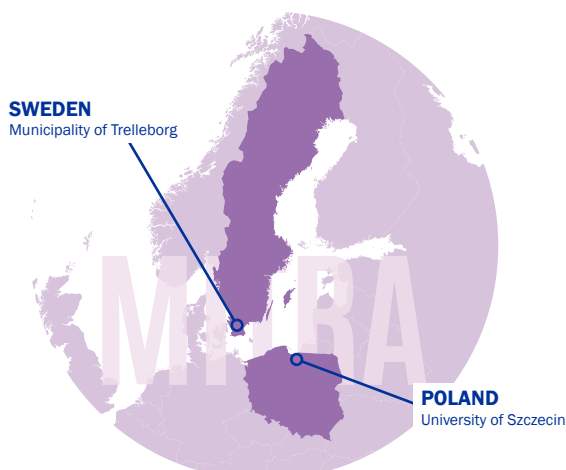
The main objective of MITRA is to implement flexible, demand-responsive, door-to-door micro-transport services to support mobility of the elderly in the urban regions of Poland and Sweden.

## RESULTS

- Development of micro-transport solutions (EPACs) based on mutual neighbourly assistance.
- Implementation and testing of new micro-mobility services (EPACs) in towns and city-districts with different urban and economic structures and mobility culture to obtain feedback from direct user interaction.
- Design and construction of “reference points” allocated in most frequently used places and to which EPACs returns if not performing a ride.
- Production of a concept paper with adjusted concepts to tackle the challenges arising from demographic change.

## HIGHLIGHTS

- Innovative project based on co-creation of technological initiatives, public authorities, and charity organisations to design micro-transport solutions.
- High transferability of micro-transport services to other European urban areas facing demographic change.
- Positive territorial impact through enhancement of transport accessibility in the South Baltic region.



**EUROPEAN UNION**  
European Regional Development Fund

## ERDF THEMATIC OBJECTIVE/ INVESTMENT PRIORITY

7. Promoting sustainable transport and removing bottlenecks in key network infrastructures.

7c Developing and improving environmentally-friendly (including low-noise) and low-carbon transport systems, including inland waterways and maritime transport, ports, multi-modal links and airport infrastructure, in order to promote sustainable regional and local mobility.

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Pyrenees | Handicap | Social Equity

# PYRHEQUAL

Pyrenees-Handicap-Social Equity

EUROPEAN COOPERATION  
HEALTHY AND ACTIVE AGEING  
FLAGSHIP PROJECT 2014-2020



**TOTAL BUDGET**  
**€ 1.741.540**

**EU CONTRIBUTION**  
**65%** (€ 1.132.001)

**2** **JOINT INITIATIVE**  
**Countries**

Silver economy  
enterprise support

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social inclusion**

Innovative solutions  
for (rural) elderly

Healthcare  
professional skills

Disease prevention  
and diagnostics

## ABOUT

Disability and dependency are closely related to ageing. PYRHEQUAL intends to improve the quality of life of people with disabilities and/or dependence (PWD/D) and that of their caregivers in the Pyrenees. To do so, PYRHEQUAL:

- Creates a cross-border community of social innovation to achieve a better social inclusion of PWD/D .
- Strengthens access to services of general interest, culture, health, education, housing, training, employment, social inclusion.
- Enhances employability of PWD/D, creating new skills and jobs thanks to ICTs, which reduce the digital gap.

## OBJECTIVES

The main objective of PYRHEQUAL is the implementation of an innovative cross-border network aimed at promoting people with disabilities and/or dependency needs and their caregivers as actors of inclusive growth in the Pyrenees.

## RESULTS

- Innovative pilot experiences and training actions, particularly in rural and mountain areas.
- Networks of basic services and devices that allow PWD/D access on both sides of the Pyrenees.
- Meeting days based on artistic, sporting and/or recreational activities to promote healthy and active ageing of PWD/D.
- Development of knowledge-sharing through the organisation of meetings, conferences, and seminars as well as through the publication of reports and guides of good practices.

## HIGHLIGHTS

- Innovative cross-border social network for people with disabilities/dependency, including the elderly.
- Potential transferability of results to other European rural and mountain areas seeking to improve access of services for people with disabilities/dependency.
- Positive territorial impact on the French-Spanish Pyrenees region as the project aims at boosting economic, social, and territorial cohesion.

### France

ADAPEI des hautes pyrénées  
France Alzheimer & Maladies Apparentées  
Fédération Française du Sport

### Spain

CADIS Huesca - Coordinadora de Asociaciones de Personas con Discapacidad de la provincia de Huesca (Lead)  
ASZA - Agrupación de Personas Sordas de Aragón  
Alzheimer Huesca  
Down Huesca  
Guayente  
ASAPME Huesca  
ASPACE Huesca  
Asociación Francisco de Sales de Hipoacústico  
Valentia Huesca  
Fundación Agustín Serrate  
AdislaF Fundación  
Casa Familiar San Lorenzo



### EUROPEAN UNION

European Regional Development Fund

### ERDF THEMATIC OBJECTIVE/ INVESTMENT PRIORITY

9. Promoting social inclusion, combating poverty and any discrimination.

9a Investing in health and social infrastructure which contributes to national, regional and local development, reducing inequalities in terms of health status, promoting social inclusion through improved access to social, cultural and recreational services and the transition from institutional to community-based services.

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# AGE-FRIENDLY REGION

Austria-Hungary cross-border cooperation project to develop ageing-friendly regions

EUROPEAN COOPERATION  
HEALTHY AND ACTIVE AGEING  
FLAGSHIP PROJECT 2014-2020



## TOTAL BUDGET

€ 1.240.507

## EU CONTRIBUTION

84% (€ 1.054.431)

**2** JOINT INITIATIVE  
Countries

Silver economy  
enterprise support

Active ageing for  
social inclusion

**Innovative solutions  
for (rural) elderly**

Healthcare  
professional skills

Disease prevention  
and diagnostics

## ABOUT

Age-friendly Region aims at reshaping the Austro-Hungarian border region into exceptional living environments to grow old.

To achieve this purpose, the Age-friendly Region Project:

- Develops new approaches to ensure that elderly remain close to their familiar surroundings and keep their autonomy.
- Enhances cross-border cooperation through mutual learning and knowledge-sharing, in order to develop a common care model.

## RESULTS

- Creation of a Case and Care Management (CMM) Model: a new health service that informs about the possibilities of support in the regions and develops needs-based aid plans. The CCM Model is implemented in pilot projects for at least 200 families in Eastern Styria and Western Hungary.
- Research and evaluation reports show a positive impact of the AFR on subjective health and overall quality of life of aged people.
- Evidence based on a survey of health and care experts indicate that regional care coordination improved during AFR, thanks to cross-border cooperation.

## OBJECTIVES

The main objectives of the Age-friendly Region Project are to:

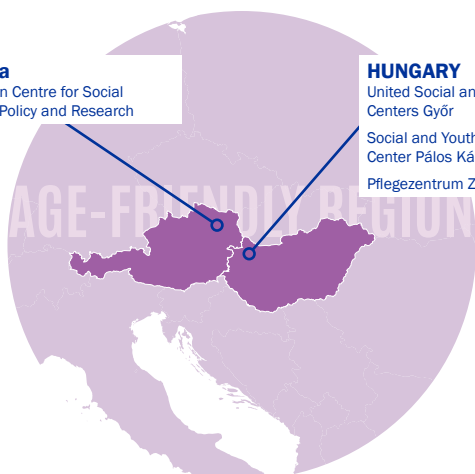
- Create new homecare solutions to improve the quality of life of senior citizens.
- Reshape cities and regions into great living spaces to grow old.

## HIGHLIGHTS

- First bilateral cooperation between Austria and Hungary to support the development of an innovative model for the provision of care.
- High transferability of the care provision model to other EU regions with ageing challenges.
- Evidence-based reports of the positive impact on cross-border cooperation in the Austro-Hungarian border.

**Austria**  
European Centre for Social  
Welfare Policy and Research

**HUNGARY**  
United Social and Health  
Centers Győr  
Social and Youth Welfare  
Center Pálos Károly  
Pflegerzentrum Zalaegerszeg



 **EUROPEAN UNION**  
European Regional Development Fund

## ERDF THEMATIC OBJECTIVE/ INVESTMENT PRIORITY

1. Strengthening research, technological development and innovation.

1b Promoting business investment in R&I, developing synergies between stakeholders.

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# D-CARE LABS

Developing Labs to Facilitate Home Care Innovation and Entrepreneurship in the Danube Region

EUROPEAN COOPERATION  
HEALTHY AND ACTIVE AGEING  
FLAGSHIP PROJECT 2014-2020



## TOTAL BUDGET

€ 2.515.895

## EU CONTRIBUTION

85% (€ 2.138.510)

9

JOINT INITIATIVE  
Countries

Silver economy  
enterprise support

Active ageing for  
social inclusion

Innovative solutions  
for (rural) elderly

Healthcare  
professional skills

Disease prevention  
and diagnostics

## ABOUT

D-Care Labs Project develops nine specialized social innovation Labs that bring together social service providers, product developers, and social start-ups to design and implement community-based home care solutions.

The project further follows a Transnational Lab Strategy to identify complementary interregional resources.

## OBJECTIVES

In the Danube Region, fundamental home care needs for elderly people are not being satisfied the current social services providers, especially in poor and rural areas.

To tackle this issue, D-Care Labs Project aims at strengthening the implementation of innovative home care solutions.

## RESULTS

- Analyses of beneficiary needs (including needs caused by the COVID-19) and innovation potential.
- Development, implementation and testing of innovative home care services.
- Establishment of a Transnational Lab of the Labs that offers a framework for the nine Regional Labs to increase mutual learning and transnational co-creation.
- Setup of Ecosystems of Social Investment that create financial and entrepreneurial support structures.

## HIGHLIGHTS

- Boost of social innovation to generate of new homecare solutions for senior citizens.
- High transferability of the developed social innovations to other EU regions struggling to satisfy homecare needs of elderly population.
- Positive territorial impact in the Danube Region, enhanced by interregional cooperation and co-creation.

### Germany

Das Diakonische Werk der Evangelischen Landeskirche in Baden e.V. (Lead)

University of Heidelberg  
Grünhof e.V.

### Austria

Caritas of the Archdiocese Vienna

### Hungary

Hungarian National Association of Local Authorities

### Moldova

AGAPEDIA Moldova Foundation

### Slovenia

Centre for European Perspective

### Croatia

ACT Group

Faculty of Law of University of Zagreb

### Bosnia & Herzegovina

Partnership for Public Health Association  
Mozaik Foundation

### Serbia

Network of Organizations for Children of Serbia  
Mozaik

### Romania

Federation of Social NGOs in Transylvania

### Bulgaria

Federation of social NGOs in Bulgaria



### EUROPEAN UNION

European Regional Development Fund

## ERDF THEMATIC OBJECTIVE/ INVESTMENT PRIORITY

1. Strengthening research, technological development and innovation.

1b Promoting business investment in R&I, developing synergies between stakeholders.

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# IBH LIVING LAB AAL

IBH Living Lab “Active & Assisted Living” (AAL) Management

EUROPEAN COOPERATION  
HEALTHY AND ACTIVE AGEING  
FLAGSHIP PROJECT 2014-2020

**TOTAL BUDGET**  
**€ 512.400**

**EU CONTRIBUTION**  
**67%** (€ 344.320)

**3** **JOINT INITIATIVE**  
**Countries**

Silver economy  
enterprise support

Active ageing for  
social inclusion

**Innovative solutions  
for (rural) elderly**

Healthcare  
professional skills

Disease prevention  
and diagnostics

## ABOUT

IBH Living Lab “Active & Assisted Living” (AAL) Management Project is formed by an interdisciplinary research and innovation network of universities, social services, and technology providers in the Lake Constance region.

The aim of the project is to develop, implement and test “assistance systems for self-determined living”.

## OBJECTIVES

The current dynamics of population ageing are demanding new support and care strategies, additional and complementary to the help of professional and informal care persons.

The IBH Living Lab AAL Project is focused on the development of technological assistance systems to improve self-determined living in old age.

## RESULTS

- The development of new senior-needs-adapted products in the various aspects of daily life: health and nutrition monitoring, security and notification systems, comfort and autonomous living, communication and social technologies, mobility, etc.
- The creation of real-life cross-border assistance labs to test AAL products.
- The elaboration of experience reports to provide evidence relating the efficiency of AAL products at improving the quality of life of the elderly.

## HIGHLIGHTS

- Innovative project that develops and evaluates care products adapted to individually assessed seniors’ needs.
- Elaboration of experience reports facilitates the transferability of project’s methodology and results to other EU regions facing an ageing population challenges.
- Positive territorial impact on the Lake Constance region, promoted by cross-border cooperation between Austria, Germany and Switzerland.



**EUROPEAN UNION**  
European Regional Development Fund

## ERDF THEMATIC OBJECTIVE/ INVESTMENT PRIORITY

1. Strengthening research, technological development and innovation.

1b Promoting business investment in R&I, developing synergies between stakeholders.

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# MAMBA

Maximised Mobility and Accessibility of Services in Regions Affected by Demographic Change

EUROPEAN COOPERATION  
HEALTHY AND ACTIVE AGEING  
FLAGSHIP PROJECT 2014-2020



## TOTAL BUDGET

**€ 3.539.885**

## EU CONTRIBUTION

**77%** (€ 2.741.996)

**9** JOINT INITIATIVE  
Countries

Silver economy  
enterprise support

Active ageing for  
social inclusion

**Innovative solutions  
for (rural) elderly**

Healthcare  
professional skills

Disease prevention  
and diagnostics

## ABOUT

The MAMBA project helps nine rural areas in the Baltic Sea Region to develop sustainable and smart mobility services.

The main activities of project are:

- Supply of innovative transport solutions.
- Collection and analysis of good practices.
- Inclusion of users and grassroots organisations in the design of new sustainable mobility solutions.

## RESULTS

- Implementation of nine innovative pilot projects and actions to improve mobility and service accessibility: mobility as a service (Maas) systems, transport on demand (ToD) services, and car sharing and ride sharing applications.
- Establishment of physical or digital Mobility Centres as testbeds for integrated rural mobility.
- Collection and analysis of good practice examples through a public knowledge database.

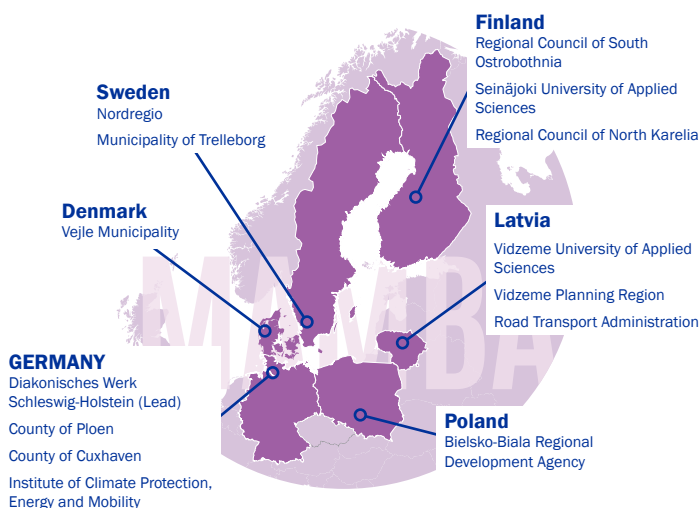
## OBJECTIVES

The rural areas in the Baltic Sea region are having difficulties to maintain transport and mobility-dependent services, such as home care or home deliveries.

The MAMBA project aims to maximize sustainable mobility and accessibility of services by introducing innovative transport solutions.

## HIGHLIGHTS

- Boost of innovative transport solutions to maximise mobility and accessibility of services for the rural elderly.
- Enhancement of transnational cooperation and knowledge-sharing, facilitating a high transferability of the project to other EU rural regions facing demographic change challenges.
- Positive territorial impact on the connectivity of rural regions in the Baltic Sea region.



**EUROPEAN UNION**  
European Regional Development Fund

## ERDF THEMATIC OBJECTIVE/ INVESTMENT PRIORITY

7. Promoting sustainable transport and removing bottlenecks in key network infrastructures.

7b Enhancing regional mobility by connecting secondary and tertiary nodes to TEN-T infrastructure, including multimodal nodes.

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Healthcare | Rehabilitation | Rural areas

# SENDoc

Smart sENsor Devices fOr rehabilitation and Connected health

EUROPEAN COOPERATION  
HEALTHY AND ACTIVE AGEING  
FLAGSHIP PROJECT 2014-2020



## TOTAL BUDGET

# € 1.904.784

## EU CONTRIBUTION

# 65% (€ 1.238.192)

# 4 JOINT INITIATIVE Countries

Silver economy enterprise support

Active ageing for social inclusion

**Innovative solutions for (rural) elderly**

Healthcare professional skills

Disease prevention and diagnostics

## ABOUT

SENDoc addresses the problem of healthcare provision in ageing communities in the Northern Periphery and Arctic (NPA) region.

SENDoc involves clinical and sensor expertise as well as policy actors to introduce and evaluate the use of wearable sensor systems in these remote areas.

Sensors are used to measure mobility, strength and balance, in order to support independent living. Simultaneously, SENDoc tests the following aspects of sensors: impact on health, technical and social acceptability, and functionality in cold climate conditions.

## OBJECTIVES

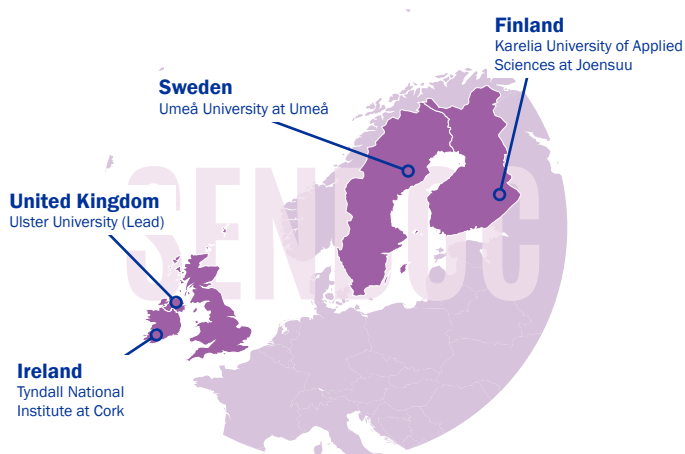
SENDoc intends to improve access to health care services in remote rural areas of the NPA region, by introducing and evaluating the use of sensor systems (eHealth technology). The final objective is to develop a transnational rehabilitation service delivery model.

## RESULTS

- Development of wearable sensor systems (e.g. wearable glove, wearable back sensor) to capture data on frailty and mobility in ageing patients.
- Evaluation of the impact of sensors on health, wellbeing, society, rural community care needs, and independent assisted living.
- Testing the technical and social acceptability of using GPS location sensors for safety of older people in rural areas.
- Studying the functionality of sensors in cold climate conditions.

## HIGHLIGHTS

- Innovation use of eHealth technologies to promote independent living for the elderly.
- High transferability to other European rural and remote areas aiming at improving the quality of life of the elderly.
- Positive territorial impact enhanced by transnational cooperation, which allows movement of staff, knowledge, funds, technological know-how and equipment, and policy levers.



## ERDF THEMATIC OBJECTIVE/ INVESTMENT PRIORITY

1. Strengthening research, technological development and innovation.
- 1b Promoting business investment in R&I, developing synergies between stakeholders.

FIND OUT MORE

Project

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Policy alignment | Age-friendly regions | International cooperation

# EU\_SHAPE

Europe enabling Smart Healthy Age-Friendly Environments (SHAPE)

EUROPEAN COOPERATION HEALTHY AND ACTIVE AGEING FLAGSHIP PROJECT 2014-2020



**TOTAL BUDGET**  
**€ 1.700.860**

**EU CONTRIBUTION**  
**24%** (€ 397.776)

**7** **JOINT INITIATIVE**  
**Countries**

Silver economy enterprise support

Active ageing for social inclusion

Innovative solutions for (rural) elderly

**Healthcare professional skills**

Disease prevention and diagnostics

## ABOUT

EU\_SHAPE aims to create a group of 7 ecosystems that can deliver effective innovation in their regional value chains in key areas of smart specialisation related to Smart Healthy Age-friendly Environments (SHAPE).

It also intends to achieve a better alignment between policy areas such as health, demographic change, and wellbeing.

## OBJECTIVES

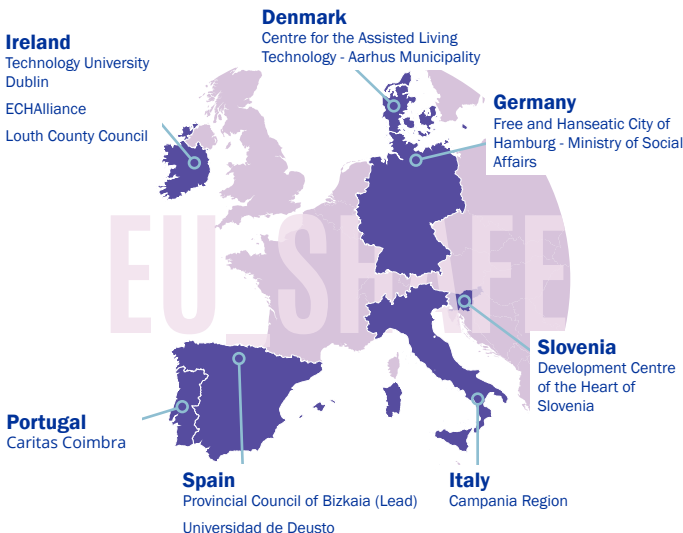
- Develop a quadruple-helix comprehensive approach on SHAPE, integrated by companies, academia and R&D centres, health and social care providers and housing industry.
- Promote community-based services and “ageing in at home” solutions.
- Interregional exchange of good practices and evidence-based results.

## RESULTS

- Evaluation reports of each region regarding the status of: built environment, transport, housing, social participation, respect and social inclusion, civic participation and employment, communication, and community support and health services.
- Delivery of a White Paper including sustainable inclusive growth solutions and long-term policy improvements.
- Re-design of social innovation in the area for SHAPE and re-shape of future regional policy instruments, owing to the knowledge obtained from good practices.

## HIGHLIGHTS

- Innovative “learning by sharing” methodology to identify and exchange good practices.
- High transferability of the identified good practices and knowledge to other European regions aiming at boosting age-friendly policies.
- Reinforced international cooperation thanks to the organisation of regional and interregional learning events.



**EUROPEAN UNION**  
European Regional Development Fund

## ERDF THEMATIC OBJECTIVE/ INVESTMENT PRIORITY

1. Strengthening research, technological development and innovation.
- 1b Promoting business investment in R&I, developing synergies between stakeholders.

FIND OUT **MORE**





Elderly accomodation | Social care | Infrastructure development

# RE-STRUCTURE

Modernisation & Transformation of Social Services Infrastructure

EUROPEAN COOPERATION  
HEALTHY AND ACTIVE AGEING  
FLAGSHIP PROJECT 2014-2020



## TOTAL BUDGET

€ 2.370.036

## EU CONTRIBUTION

85% (€ 2.014.531)

**2** JOINT INITIATIVE  
Countries

Silver economy  
enterprise support

Active ageing for  
social inclusion

Innovative solutions  
for (rural) elderly

**Healthcare  
professional skills**

Disease prevention  
and diagnostics

## ABOUT

RE-STRUCTURE addresses the lack of adequate living accommodation for elderly in the Lower Ipel Valley region.

The project focuses on the infrastructural transformation of abandoned buildings into social homes in order to improve the provision of social and care services for the elderly.

## RESULTS

- Readaptation of three abandoned buildings into modern centres for eldercare to provide accommodation, 24h care, and daily social services in Ch'aba, Salka and Szob.
- Renovation of another three abandoned buildings to supply social and elderly care, recreational services, and infrastructure for a social kitchen and laundry, in Kemenc, Bernecebaráti and Ipolydamásd.
- Transformation of one building into an education centre hosting bilingual training in the Lower Ipel Valley region.

## OBJECTIVES

The main objectives of RE-STRUCTURE are:

- To build social care centres for the elderly population in the Hungary-Slovakia cross-border region.
- To provide job opportunities for the unemployed or newly graduated as trained staff for taking care of the elderly.

## HIGHLIGHTS

- Innovative project focused on the transformation of abandoned buildings into centres providing living accommodation and care services for the elderly.
- Potential transferability to other European regions aimed at improving accommodation for the elderly.
- Positive territorial impact enhanced by cross-border cooperation and infrastructure development.



## ERDF THEMATIC OBJECTIVE/ INVESTMENT PRIORITY

8. Promoting sustainable and quality employment and supporting labour mobility.

Setc ETC specific, for cross-border cooperation: promoting sustainable and quality employment and supporting labour mobility by integrating cross-border labour markets, including cross-border mobility, joint local employment initiatives, information and advisory services and joint training.

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# SOCIALLIFE

Social partnership - Integration of socially vulnerable people into community life

EUROPEAN COOPERATION  
HEALTHY AND ACTIVE AGEING  
FLAGSHIP PROJECT 2014-2020



**TOTAL BUDGET**  
**€ 447.391**

**EU CONTRIBUTION**  
**85%** (€ 338.282)

**2** **JOINT INITIATIVE**  
**Countries**

Silver economy  
enterprise support

Active ageing for  
social inclusion

Innovative solutions  
for (rural) elderly

**Healthcare  
professional skills**

Disease prevention  
and diagnostics

## ABOUT

SocialLife addresses the following challenges in the Latvia-Lithuania cross-border region: increased demand for the social services, insufficient capacities of social service providers, and lack of cooperation in the field of social services and social integration.

SocialLife develops 8 joint seminars in order to upgrade the qualifications of 16 social care specialists, who learn how to: strengthen their motivation, manage stress while working with vulnerable groups, work with persons with mental diseases, and improve seniors' quality of life.

## OBJECTIVES

The aim of SocialLife is to enhance accessibility and efficiency of social services in Pakruojis (Lithuania), Rundale and Iecava (Latvia) municipalities in order to promote social inclusion of vulnerable groups (e.g. people with disabilities, elderly people).

## RESULTS

- Participation of 600 socially vulnerable people in the project activities.
- 3 educational activities: lessons for family members of persons with mental dysfunctions, severe illnesses; lectures for seniors and for persons with addiction problems; training of craft acquisition and life skills.
- 8 social rehabilitation activities: respite and massage services, music, art, dance therapy, relax therapy for the elderly and persons with mental disabilities, physiotherapy as well as summer rehabilitation camps.
- Improvement of social infrastructure in Linkuva social services center, and Iecava and Rundale social services' departments.

## HIGHLIGHTS

- Innovative approach to social inclusion of vulnerable groups by promoting joint seminars.
- High transferability of the educational and social rehabilitation activities to other European regions aiming to improve social services.
- Enhanced cross-border cooperation between Latvia and Lithuania in the field of social integration.



**EUROPEAN UNION**  
European Regional Development Fund

## ERDF THEMATIC OBJECTIVE/ INVESTMENT PRIORITY

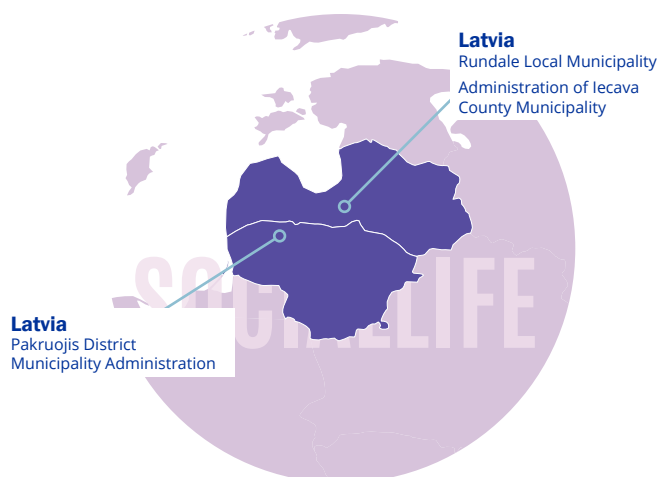
9. Promoting social inclusion, combating poverty and any discrimination.

9a Investing in health and social infrastructure which contributes to national, regional and local development, reducing inequalities in terms of health status, promoting social inclusion through improved access to social, cultural and recreational services and the transition from institutional to community-based services.

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# TEC-MED

Development of a Transcultural social-ethical-care model for dependent population in the Mediterranean basin

EUROPEAN COOPERATION  
HEALTHY AND ACTIVE AGEING  
FLAGSHIP PROJECT 2014-2020

## TOTAL BUDGET

€ 3.331.225

## EU CONTRIBUTION

90% (€ 2.998.102)

**6** JOINT INITIATIVE  
Countries

Silver economy  
enterprise support

Active ageing for  
social inclusion

Innovative solutions  
for (rural) elderly

**Healthcare  
professional skills**

Disease prevention  
and diagnostics

## ABOUT

TEC-MED addresses the current decrease in social support for vulnerable elderly people (e.g. having chronic diseases and lacking family network support) in six Mediterranean countries.

The project develops an innovative and cost-effective socio-ethical care model, supported by software applications.

TEC-MED further supports cooperation and partnership between public institutions and social care actors.

After the COVID-19 pandemic, the action is focusing on open distance services to elders and analyses how the pandemic affected elders' life.

## OBJECTIVES

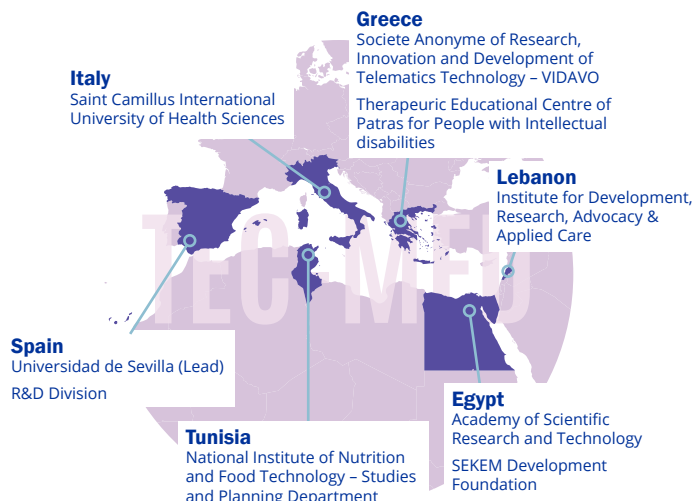
The main objective of TEC-MED is to set a new social assistance model in the Mediterranean basin in order to reduce the marginalization of elderly people and to adapt social care policies tackling the phenomenon of ageing population.

## RESULTS

- 28,200 people covered by improved social services.
- 90 social care professionals involved in social pilot schemes.
- 6 action plans for public administrations.
- 12 agreements between public administrations and relevant stakeholders for coordinated planning and implementation of social services.
- 1 online platform for cooperation among institutions for the set-up of laboratories of "ideas" for designing innovative social services.

## HIGHLIGHTS

- Innovative social-care service delivery.
- Transferability of the social-ethical-care framework to other European regions aiming at increasing social support for vulnerable elders.
- Positive territorial impact fostered by transnational learning and sharing events tackling social issues.



**EUROPEAN UNION**  
European Regional Development Fund

## ERDF THEMATIC OBJECTIVE/ INVESTMENT PRIORITY

9. Promoting social inclusion, combating poverty and any discrimination.

9a Investing in health and social infrastructure which contributes to national, regional and local development, reducing inequalities in terms of health status, promoting social inclusion through improved access to social, cultural and recreational services and the transition from institutional to community-based services.

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# BFCC

Baltic Fracture Competence Centre (BFCC): fostering innovation for better fracture management

EUROPEAN COOPERATION  
HEALTHY AND ACTIVE AGEING  
FLAGSHIP PROJECT 2014-2020



## TOTAL BUDGET

**€ 3.600.242**

## EU CONTRIBUTION

**77%** (€ 2.772.590)

**7**

**JOINT INITIATIVE  
Countries**

Silver economy  
enterprise support

Active ageing for  
social inclusion

Innovative solutions  
for (rural) elderly

Healthcare  
professional skills

**Disease prevention  
and diagnostics**

## ABOUT

Bone fractures and linked health disorders are expected to increase in the future due to our ageing society.

Following best practices of Sweden and Denmark for fracture registries, BFCC establishes new fracture registries in Germany, Estonia, Lithuania, and Poland; to improve fracture treatment and innovation.

The project further develops a transnational data registry platform in the Baltic Sea Region, which is used by hospitals and the medical industry to identify clinical needs and potential for innovation within fracture management.

## OBJECTIVES

The main objectives of BFCC are:

- Optimization of treatment and management of fracture care.
- Reduction of functioning, participation, co-morbidities, health, and socio-economic costs deriving from fracture care.

## RESULTS

- Development of a Transnational Fracture Registry Platform to analyze fracture data, as well as to compare clinical processes and quality of outcomes across organizations and countries.
- Establishment of cooperation between hospitals and medical technology industry to align innovation efforts with clinical requirements, which positively impacts the treatment outcomes for fracture patients.
- Provision of access for 48 companies to most recent findings in fracture research.

## HIGHLIGHTS

- Innovative transnational research infrastructure to improve fracture care.
- High transferability and scalability of methodologies to other European regions facing bone fractures as a public health challenge.
- Positive territorial impact promoted by transnational collaboration for innovation within fracture management in the Baltic Sea region.



## ERDF THEMATIC OBJECTIVE/ INVESTMENT PRIORITY

1. Strengthening research, technological development and innovation.
- 1b Promoting business investment in R&I, developing synergies between stakeholders.

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## EURLIPIDS

A border-crossing platform for lipid research

EUROPEAN COOPERATION  
HEALTHY AND ACTIVE AGEING  
FLAGSHIP PROJECT 2014-2020



### TOTAL BUDGET

€ 4.838.266

### EU CONTRIBUTION

50% (€ 2.419.133)

3

JOINT INITIATIVE  
Countries

Silver economy  
enterprise support

Active ageing for  
social inclusion

Innovative solutions  
for (rural) elderly

Healthcare  
professional skills

**Disease prevention  
and diagnostics**

### ABOUT

Lipids are involved in ageing-related diseases, such as heart and brain illnesses and cancer, which account for over 80% mortality in Western societies.

Lipids also play an essential role in the functionality and tolerability of biomaterials by the organism.

To fight these health problems, EURLipids establishes an excellence cross-border platform for lipid-based research and technological solutions ("Lipid Valley") in the EUREGIO, which is integrated by research institutes, clinics, industrial partners and specialised SMEs.

### OBJECTIVES

Eurlipids unites academic education with clinical and technological lipid research, and it offers services in lipidomics.

Eurlipids has three main objectives:

- Teaching for MA and PhD students to strengthen lipid research.
- Research for new analytical methods (biomarkers, biomedical materials).
- Economic valorisation through the development and market launch of new clinical products.

### RESULTS

- Designing and engineering of lipid imaging and profiling technologies by developed advanced mass spectrometry.
- Teaching of lipidomics for future scientists by bridging biomedical and technical sciences.
- Research on causality between lipid profiles and diseases by evaluating complex lipid profiles and imaging tissue materials.
- Launching start-ups and participation in Joint Ventures to offer services and equipment for lipid diagnostics.

### HIGHLIGHTS

- Innovative, technological, and teaching platform to research lipidomics.
- High transferability of the research platform to other European regions with high mortality due to lipid-related diseases.
- Strengthened cross-border cooperation in the EUREGIO.

#### Netherlands

Maastricht University (Lead)

Amsterdam Scientific  
Instruments

Da Vinci Laboratory  
Solutions

Dutch Screening Group B.V.

DBSL B.V.

Chemelot Institute for  
Science & Technology

DSM

#### Germany

Universitätsklinikum Aachen

MagnaMedics GmbH

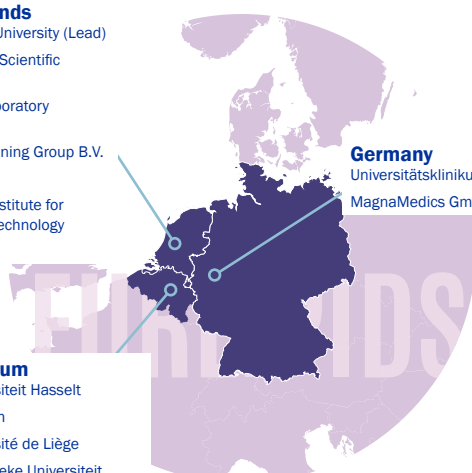
#### Belgium

Universiteit Hasselt

Zentech

Université de Liège

Katholieke Universiteit  
Leuven



#### EUROPEAN UNION

European Regional Development Fund

#### ERDF THEMATIC OBJECTIVE/ INVESTMENT PRIORITY

1. Strengthening research, technological development and innovation.

1b Promoting business investment in R&I, developing synergies between stakeholders.

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## HEALTHY AGING

Healthy Aging - A Euregional opportunity

EUROPEAN COOPERATION  
HEALTHY AND ACTIVE AGEING  
FLAGSHIP PROJECT 2014-2020



### TOTAL BUDGET

€ 4.752.192

### EU CONTRIBUTION

50% (€ 2.376.071)

3

JOINT INITIATIVE  
Countries

Silver economy  
enterprise support

Active ageing for  
social inclusion

Innovative solutions  
for (rural) elderly

Healthcare  
professional skills

**Disease prevention  
and diagnostics**

### ABOUT

The Healthy Aging Project brings together academic experts and private health partners in order to bring a solution to the increasing number of elderly suffering from ageing-related chronic diseases in the Euregio-Maas Rhein (EMR) Region.

Healthy Ageing screens cohorts of elderly and chronically ill people for biomarkers related to the immune system, and to metabolic and bio-energetic status; in order to indicate the patient's "immune age", predisposition to a specific chronic disease, and responsiveness and non-responsiveness to existing therapies.

Afterwards, Healthy Aging develops new therapeutics and technology platforms for hand-on biomarker detection to further improve treatment success.

### OBJECTIVES

The main objectives of Healthy Aging are threefold:

- Identify chronic ageing-related diseases at the earliest possible stage.
- Stratify patients for the most effective therapy.
- Slow-down the ageing process by monitoring biomarkers of elderly and chronically ill people.

### RESULTS

"Healthy aging" produces the following deliverables:

- Diagnostic measures to identify subjects with accelerated immune ageing.
- Identification of chronic disease patients that are responsive to specific therapy.
- Development of new therapeutics to treat non-responsive patients with age related chronic diseases.
- Introduction of nutraceuticals with potent immune-ageing reversing activity for preventive therapy.
- Launch of new entrepreneurial activities targeting the ageing population, which accelerates the valorisation chain and bring deep socio-economic impact on the Euregio-Maas Rhein region.

### HIGHLIGHTS

- Focus on healthcare research and innovation to prevent, diagnose, and find effective treatments for chronic diseases.
- High transferability to other European regions struggling with rising chronic ageing-related diseases.
- Transnational cooperation in enhanced by knowledge-sharing across borders creating a synergistic hub of complementary expertises.



EUROPEAN UNION

European Regional Development Fund

### ERDF THEMATIC OBJECTIVE/ INVESTMENT PRIORITY

1. Strengthening research, technological development and innovation.

1b Promoting business investment in R&I, developing synergies between stakeholders.

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Neurological diseases | Prevention and diagnostics | Research and development

# NEUROATLANTIC

An Atlantic innovation platform on diagnosis and treatment of neurological diseases and ageing

EUROPEAN COOPERATION  
HEALTHY AND ACTIVE AGEING  
FLAGSHIP PROJECT 2014-2020



## TOTAL BUDGET

€ 1.768.664

## EU CONTRIBUTION

75% (€ 1.326.498)

4

JOINT INITIATIVE  
Countries

Silver economy  
enterprise support

Active ageing for  
social inclusion

Innovative solutions  
for (rural) elderly

Healthcare  
professional skills

Disease prevention  
and diagnostics

## ABOUT

NeuroATLANTIC brings together scientific and technological capacities within the Atlantic Area in the field of the neurological diseases.

The project acts on the clinical, preclinical and capitalization aspects accelerating the uptake of new innovations that revolutionize the way in which neurological diseases are handled.

Specifically, neuroATLANTIC proposes new standardized clinical protocols, innovative diagnostic and treatment methods, and ensures technology transfer to enterprises.

## OBJECTIVES

More than 7.5 million European citizens suffer from neurological diseases associated to ageing, mainly Alzheimer's and stroke.

The main objective of neuroATLANTIC is to set up a transnational platform to develop novel theragnostic agents to treat and early diagnosis of neurological diseases.

## RESULTS

- Exploration of best clinical practices to elaborate a "green paper" on clinical management guidelines.
- Setting up of a preclinical transnational research platform with scientific collaborative publications and several research centres, in order to bring innovative theragnostic agents and nano-biosensors to real settings.
- Capitalization of results:
- Delivery of technology roadmap and exploitation plans
- Definition of a governance structure to select new projects
- Development of R&D mission-oriented guidelines.

## HIGHLIGHTS

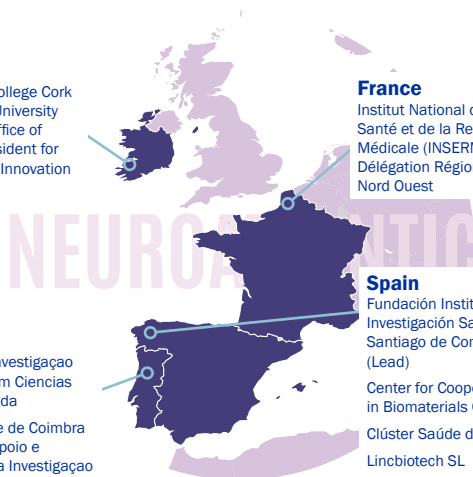
- Innovative project addressing the prevention, diagnostics, and treatment of neurological diseases by bringing together scientific and technological efforts.
- High transferability of clinical, preclinical and capitalization results to other European regions concerned about neurological diseases.
- Transnational cooperation enhanced by knowledge-sharing through research platforms.

**Ireland**  
University College Cork  
– National University  
of Ireland Office of  
the VicePresident for  
Research & Innovation

**France**  
Institut National de la  
Santé et de la Recherche  
Médicale (INSERM)  
Délégation Régionale  
Nord Ouest

**Portugal**  
STAB VIDA Investigaçao  
e Serviços em Ciências  
Biológicas, Lda  
Universidade de Coimbra  
Divisao de Apoio e  
Promoção da Investigaçao

**Spain**  
Fundación Instituto de  
Investigación Sanitaria de  
Santiago de Compostela (FIDIS)  
(Lead)  
Center for Cooperative Research  
in Biomaterials CICbiomaGU  
Clúster Saúde de Galicia – CSG  
Linbiotech SL  
Qubiotech Health Intelligence SL



EUROPEAN UNION  
European Regional Development Fund

## ERDF THEMATIC OBJECTIVE/ INVESTMENT PRIORITY

1. Strengthening research, technological development and innovation.
- 1b Promoting business investment in R&I, developing synergies between stakeholders.

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# REALFORALL

Real-time measurements and forecasting for successful prevention and management of seasonal allergies in the Croatia-Serbia cross-border region

EUROPEAN COOPERATION  
HEALTHY AND ACTIVE AGEING  
FLAGSHIP PROJECT 2014-2020



**TOTAL BUDGET**  
**€ 624.220**

**EU CONTRIBUTION**  
**85%** (€ 530.587)

**2** **JOINT INITIATIVE**  
**Countries**

Silver economy  
enterprise support

Active ageing for  
social inclusion

Innovative solutions  
for (rural) elderly

Healthcare  
professional skills

**Disease prevention  
and diagnostics**

## ABOUT

RealForAll addresses seasonal allergies in the Croatia-Serbia cross-border region, focusing mainly on three pollen allergens (Birch, Grass, Ambrosia). Particular attention is given to vulnerable groups (children and elderly people).

RealForAll carries out these activities:

- Introduction of real time monitoring of airborne allergens.
- Development of models for predicting exposure.
- Creation of a joint platform for instant dissemination of information.
- Spread of information regarding prevention and management of allergy symptoms.

## OBJECTIVES

The main objective of RealForAll is to enable a public health care system aimed at the successful prevention and management of allergic reactions resulting from exposure to allergenic airborne pollen in the Croatia-Serbia cross-border region.

## RESULTS

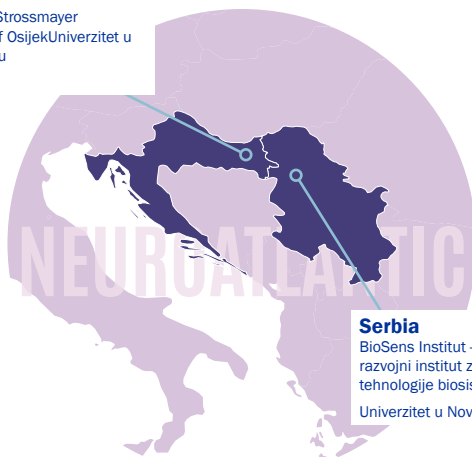
- Development of affordable, sustainable, and high-quality public health services for supporting management and prevention of allergic reactions.
- Increase in the number of people assisted by public social services, especially elderly population and children.
- Raise awareness of the importance of self-management of chronic allergy.
- Application of ICT in delivering public health information to promote digital literacy in active ageing.

## HIGHLIGHTS

- Innovative approach to seasonal allergies by introducing real time monitoring of airborne allergens.
- Clear scalability and transferability of methodologies to other European regions working in allergen avoidance.
- Positive territorial impact on the Croatia-Serbia region enhanced by cross-border cooperation focused on social, economic, and territorial development.

### Croatia

Josip Juraj Strossmayer  
University of Osijek  
Novom Sadu  
Grad Osijek



### Serbia

BioSens Institut - Istraživačko-  
razvojni institut za informacione  
tehnologije biosistema (Lead)  
Univerzitet u Novom Sadu



### EUROPEAN UNION

European Regional Development Fund

## ERDF THEMATIC OBJECTIVE/ INVESTMENT PRIORITY

9. Promoting social inclusion, combating poverty and any discrimination.

9a Investing in health and social infrastructure which contributes to national, regional and local development, reducing inequalities in terms of health status, promoting social inclusion through improved access to social, cultural and recreational services and the transition from institutional to community-based services.

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