



niCE-life project has 10 partners from 6 countries



STU

SLOVENSKÁ TECHNICKÁ  
UNIVERZITA V BRATISLAVE



SERVIZIO SANITARIO REGIONALE  
EMILIA-ROMAGNA  
Azienda Unità Sanitaria Locale di Bologna

NIJZ Nacionalni inštitut  
za javno zdravje



I.S.R.A.A.  
Istituto per Servizi di Ricovero  
e Assistenza agli Anziani



MIASTO  
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# niCE-life

Interreg  
CENTRAL EUROPE



niCE-life

European Union  
European Regional  
Development Fund

Integrated concept for  
independent living of  
frail elderly



[www.interreg-central.eu/niCE-life](http://www.interreg-central.eu/niCE-life)

TAKING  
COOPERATION  
FORWARD

The niCE-life project aims to foster social inclusion and care coordination of frail elderly with focus on persons with cognitive medium/low deficits including Alzheimer's and Parkinson's diseases and other chronic diseases.

This will be achieved through development of transnationally applicable model of health and care services for frail elderly by using progressive key enabling technologies (i.e. sensor technologies, ICT and data analysis techniques) to prevent frailty, enhance quality of care and support their independent living, social contacts and assistance continuity after hospital discharges.

Together with the developed tools and trainings the project will contribute to strengthening capacities and competencies of public authorities and health and care providers to efficiently address pressing social challenges and foster independent living of frail elderly, reduce risk factors caused by frailty and enhance social integration of frail persons.

Project is funded by the European Regional Development Fund within the INTERREG Central Europe Programme.

## FACTS AND FIGURES



10 Project partners from 6 countries



36 Outputs planned till 06/2022



2 117 580,95 € Total budget

## WP T1

## MAPPING OF REGIONAL STATUS QUO AND MODEL OF HEALTH AND CARE SERVICES FOR FRAIL ELDERLY

The main goal of the WPT1 is to develop a comprehensive, transnationally replicable model of the health and care services for frail elderly building on the successfully operating e-Care system providing a relationship and support to frail elderly people by the Local Health Authority of Bologna, IT and other innovative care models and solutions well-functioning at the EU level.

## WP T3

## PILOT TESTING OF TECHNICAL SOLUTIONS AND HEALTH AND CARE MODELS

The objective of WP T3 is to conduct pilot testing of the developed technical solutions in the WP T2 at the regional level within health and care centres while considering different technical and non-technical aspects. The developed technological tools will be tested in partner facilities (e.g. care centres but also hospitals) by actively involving the frail elderly and persons released from hospitals as main stakeholders through personal meetings to discuss the tools, their presentations and deployment to test persons.

## WP T2

## THE DESIGN AND DEVELOPMENT OF TECHNICAL SOLUTIONS

WP T2 focuses on the design of several technical solutions with the aim to create a solid supporting infrastructure for the model of health and care services for frail elderly developed in WP T1. The developed technical solutions (tools) will be tested in the health and care centres in the partner regions in the WP T3.

## WP T4

## LOCAL ACTION PLANS, GUIDANCE AND INVOLVEMENT OF POLICY MAKERS

The last thematic WP will encourage spreading of knowledge developed during the project implementation and strive to ensure sustainability of the developed tools. It will develop regional action plans customised for the partner countries which will provide a detailed road map (including steps towards their introduction into local strategies) for the implementation of the transnationally applicable Model of health and care services for frail elderly developed and updated in WP T1 at local and regional level.

## O.T - I.

## STRATEGIES AND ACTION PLANS

- Pilot testing of care methods of frail persons discharged from hospital in Bratislava
- Local action plans for the introduction of technical solutions and health and care models

## O.T - III.

## PILOT ACTIONS

- Pilot testing of the intelligent monitoring platform in Brno
- Pilot testing of AP-nurse - persons suffering from Parkinson's disease in Care Centre in Bratislava
- Pilot testing of AP-nurse - persons suffering from Alzheimer's disease in Social Care Home in Warsaw
- Pilot testing of the GPS-based tracking tool in Treviso
- Pilot testing of the digital monitoring tools in Bologna
- Pilot testing of the "Monitoring grid" for the management of frail persons in Mittelburgenland
- Pilot testing of care methods of frail persons discharged from hospitals in Olomouc

## O.T - II.

## TOOLS

- Model of health and care services for frail elderly
- Intelligent monitoring tool
- Monitoring tool "AP-nurse"
- Advanced GPS-based tracking tool
- Digital tool for monitoring of frail elderly and preventing cognitive decline
- „Monitoring Grid“ for the management of „frailty“
- Methods of care of frailty patients discharged from hospitals
- Guidebook for local authorities for the introduction of technical solutions, health and care models

## O.T - IV.

## TRAININGS

- Trainings of public and private sector of care models and developed tools