

OUTPUT FACT SHEET

Pilot actions (including investment, if applicable)

Version 3

Project index number and acronym	niCE-life CE1581
Output number and title	Output O.T3.8 Pilot testing of care methods of frail persons discharged from hospital in Bratislava
Investment number and title (if applicable)	N/A
Responsible partner (PP name and number)	Petržalka - PP1
Project website	https://www.interreg-central.eu/Content.Node/niCE-life.html
Delivery date	2/2022

Summary description of the pilot action (including investment, if applicable) explaining its experimental nature, demonstration character and transnational added value

The ageing of the population and the increasing number of seniors who will need support with daily activities so that they can remain in their home environment and, on the other hand, the lack of human and financial resources for this care brings concerns to society, but these can be reduced by applying ICT tools to care. Integration of care, where health and social care are strongly separated, can also overcome the lack of financial and human resources.

As part of the project we have tested a system - application developed in this work package by PP3 University Hospital in Olomouc. The aim was to find out how healthcare professionals on both sides of the process of organizing and implementing home healthcare for people discharged from hospital would approach this solution, respectively the possibility and willing of frail elderly people to work with the technology. During the testing process, the application was modified and adjusted for the specialized purposes of a general practitioner's clinic for adults.

During the pilot, one general practitioner for adults ambulance tested the application by using data of ten patients. The general experience was that patients do not want to take responsibility for organizing their care. Caregivers would appreciate the help of the tool, but due to lack of time to process the data using of the system is limited.

The pilot was to be carried out in cooperation with the PP3 - University Hospital in Olomouc, which developed the tool. PP3 provided us with all the prerequisites to use our tool and trained the GP with the system and solved technical difficulties.

NUTS region(s) concerned by the pilot action (relevant NUTS level)

The Care for Frail was developed at the University Hospital Olomouc (CZ071 NUTS level 3).

It was tested and implemented at the following sites:

- Bratislava region (SK010 NUTS3 level)

Investment costs (EUR), if applicable

N/A

Expected impact and benefits of the pilot action for the concerned territory and target groups and leverage of additional funds (if applicable)

The **expected result** of the pilot action is whether the Care for Frail is accepted by the doctors, caregivers and special group of patients - frail elderly and what benefits it could bring for professionals from the technological and functional point of view - saves the time and improve the performance by using of new technology.

The **following (person) groups benefit in particular** from the implementation of the Monitoring Grid: From the implementation of the developed technological tool for increasing the quality of care for the elderly, we could see benefits on the levels:

- *State*: The use of technological innovations in the care of seniors - modernization of public administration
- *Self-government*: When fulfilling the goals of modern self-government - increasing the social inclusion of seniors, effectively helping people dependent on social assistance by increasing their quality of life, solutions must be sought in parallel to reduce the growing economic burden on the provision of social services on the side of the self-government. The application offers a new solution to delay the transition from home (ambulatory) to residential form of care.
- *Elderlies*: provides an innovation aimed at effective coordination and connection of medical and social care for seniors, which is a prerequisite for successful social integration and a healthy life. The possibility of consultation with the doctor of first contact even remotely, since he has all the relevant data available.
- *Doctors/ Professionals/ Follow-up treatments*: reducing administration, increasing the quality of input information about the patient and thus better coordination in the care of seniors.

Extending the average life expectancy is a big challenge not only for Europe, Slovakia, but also for every municipality and city, as well as for the families. It is necessary to look for financially viable models that will allow seniors to stay in their natural home environment as long as possible. The project proposes an innovation aimed at effective coordination and connection of medical and social care for seniors (especially frail elderly), which is a prerequisite for successful social integration and healthy life of seniors.

Sustainability of the pilot action results and transferability to other territories and stakeholders

The Care for Frail is a web application, which after translation in the respective language and adaptation to legal and social conditions, can be easily **transferred to other territories**, due to its ease of use.

If applicable, contribution to/ compliance with:

- relevant regulatory requirements
- sustainable development - environmental effects. In case of risk of negative effects, mitigation measures introduced
- horizontal principles such as equal opportunities and non-discrimination

The project could be of great benefit in the development of care for the (frail) elderly. Legislatively it is not possible to connect two separate departments (organisations), despite the common client and for the benefit of the patient/client. The application does not have a negative impact on the environment, its use would reduce the administrative burden. The application enables equal opportunities and is not discriminatory.

References to relevant deliverables (e.g. pilot action report, studies), investment factsheet and web-links

If applicable, additional documentation, pictures or images to be provided as annex

The main relevant project deliverables, which contributed to the output, are:

- D.T3.9.1 Design of the pilot action in Bratislava
- D.T3.9.2 Engagement of test persons and consideration of legal aspects
- D.T3.9.3 Report from briefing and training of test persons, home care givers and nurses
- D.T3.9.4 Installation and testing of technical devices and applications
- D.T3.9.5 Collection of feedback from test and support persons in Bratislava and exchange with Olomouc
- D.T3.9.6 Summary report from the pilot action in Bratislava