

# niCE-life Newsflash Nr. 10

## Testing of Advanced GPS-based tracking tool in Treviso (O.T3.4)



### ADVANCED GPS-BASED TRACKING TOOL

- A tool ensuring a higher level of safety and a better quality of life for senior citizens, in particular for those affected by some forms of cognitive decline.
- Composed of:
  - A bracelet with different functionalities (e.g. GPS tracking; Geofencing; Indoor tracking; SOS button; Fall Alarm; Heartbeat; Sleep monitoring)
  - A monitoring platform collecting and analysing data from the tracking device.

niCE-life  
Development of an integrated concept for the deployment of innovative technologies and services allowing independent living of frail elderly



### Project partners

- Petržalka Municipal District of Bratislava - the Capital of Slovakia (Lead partner)
- Brno University of Technology, CZ
- The University Hospital Olomouc, CZ
- Slovak University of Technology in Bratislava, SK
- LEPIDA SCPA, IT
- Local Health Authority of Bologna, IT
- Institute for elderly care and shelter, IT
- Samaritan Burgenland, Department of Home Care, AT
- The City of Warsaw, PL
- National Institute of Public Health, SI



## Advanced GPS-based tracking tool

“ The advanced GPS-based tracking tool was developed at the Brno University of Technology, CZ. The tool was tested in the nursing home in Treviso, IT and will be further deployed in the Municipality of Treviso and other neighbouring Municipalities (e.g. Casier, Silea, Carbonera, Quinto di Treviso and Morgano). ”

### MAIN GOAL OF THE TOOL

- To provide support to three main project target groups: senior citizens, caregivers and elderly care institutions
- To ensure a higher level of safety and a better quality of life for senior citizens
- To allow timely intervention to the senior citizens.

### BENEFITS

- High responsiveness to the needs of senior citizens affected by cognitive decline
- Seniors: Achievement of a higher level of security related to a better quality of life linked to the possibility to live more time in autonomy at home.
- Caregivers: Through the use of the monitoring platform, the family member are be able to support his/her relative and get feedback on his/her health conditions, reducing stress levels.
- Care institutions: Possibility to support a larger number of people thanks to the integration of the technological solution in services for elderly people.

FIND MORE ABOUT niCE-life  
Project webpage: <https://www.interreg-central.eu/Content.Node/niCE-life.html>  
Facebook: <https://www.facebook.com/nice.life.interreg/>  
Twitter: <https://twitter.com/niceLifeCE>