

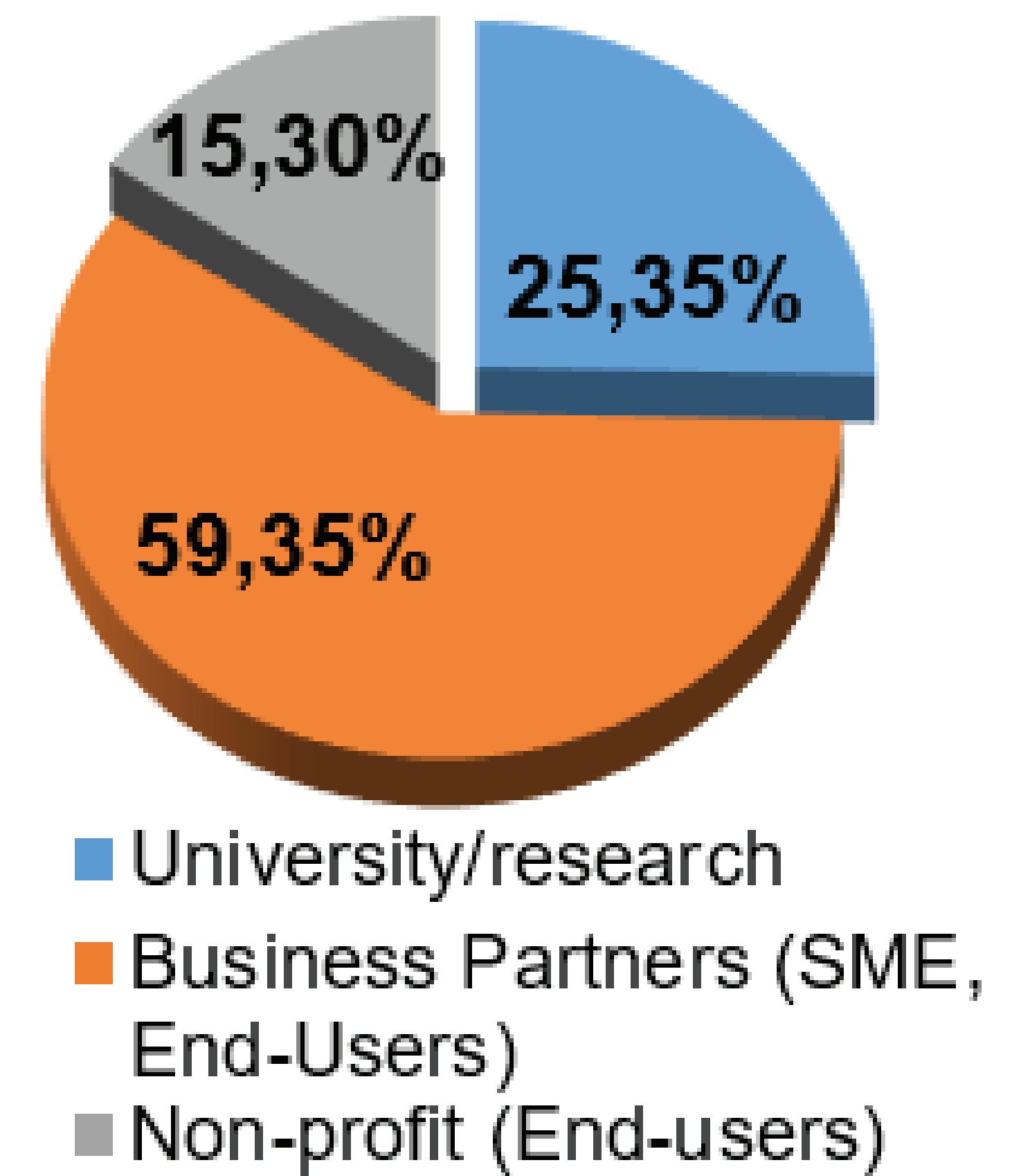
IONIS Indoor and outdoor NITICSplus solution for dementia challenges

1.10.2017-31.03.2020

IONIS brings together technologies and services to build a user-centered modular ICT-based platform that offers a wide range of specific solutions to problems and difficulties that people with dementia are confronting. The IONIS solution can compensate in an adaptive way for mild to moderate dementia associated deficiencies such as memory problems and cognitive decline. The integrate technologies and services will offer support to both caretakers and caregivers.

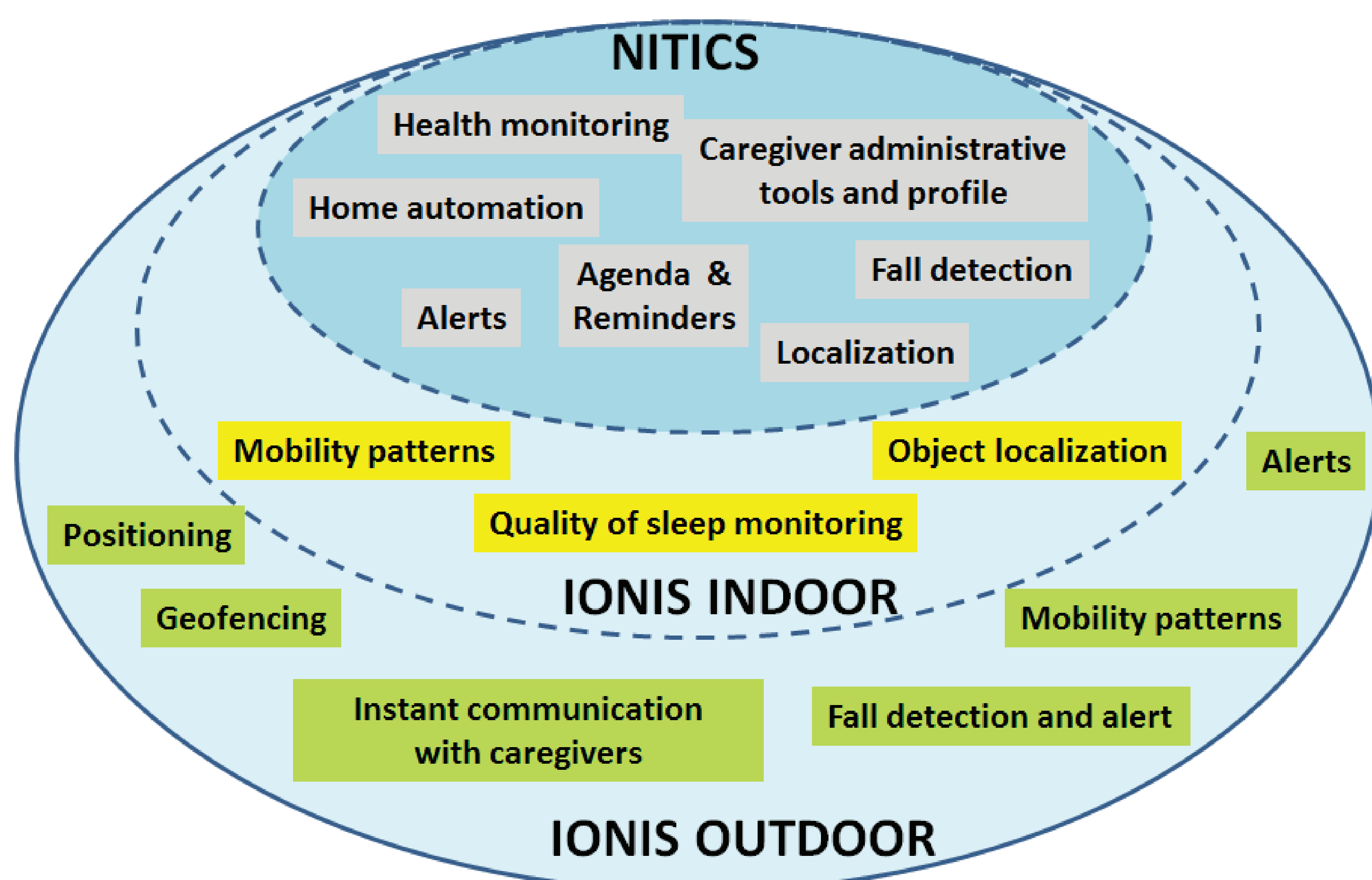
Participant organization name	Organization type	Country
ECLEXYS Sagl	SME	CH
Centrul IT pentru Stiinta si Tehnologie	End-user/SME	RO
University POLITEHNICA of Bucharest	R&D	RO
IZRIIS Institute for research, intergenerational relations, gerontology and ICT	End-user	SI
Alzheimer Slovenia - Spominčica	NGO	SI
Warsaw University of Technology	R&D	PL
Department of Geriatrics Warsaw	End-user	PL
Bay Zoltán Nonprofit Ltd. for Applied Research	End-user	HU
Őszi Napsugár Otthon	End-user	HU
Softic Ltd.	SME	HU

Effort distribution



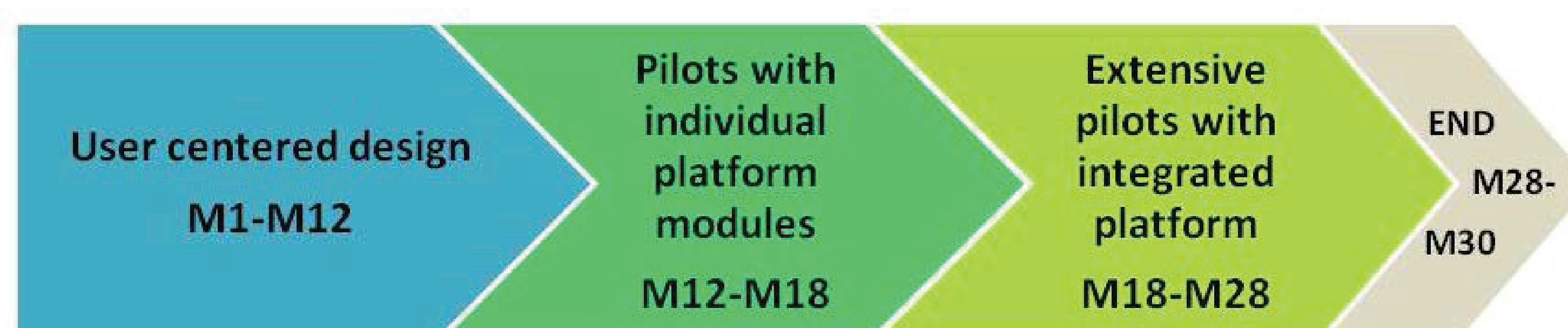
IONIS design and motivation

IONIS is building on the results of a previous AAL project, NITICS (Networked InfraStructure for Innovative home Care Solutions), selected as one of the AAL success stories. The NITICS platform will be enhanced with new functionalities such as to offer both indoor and outdoor services.

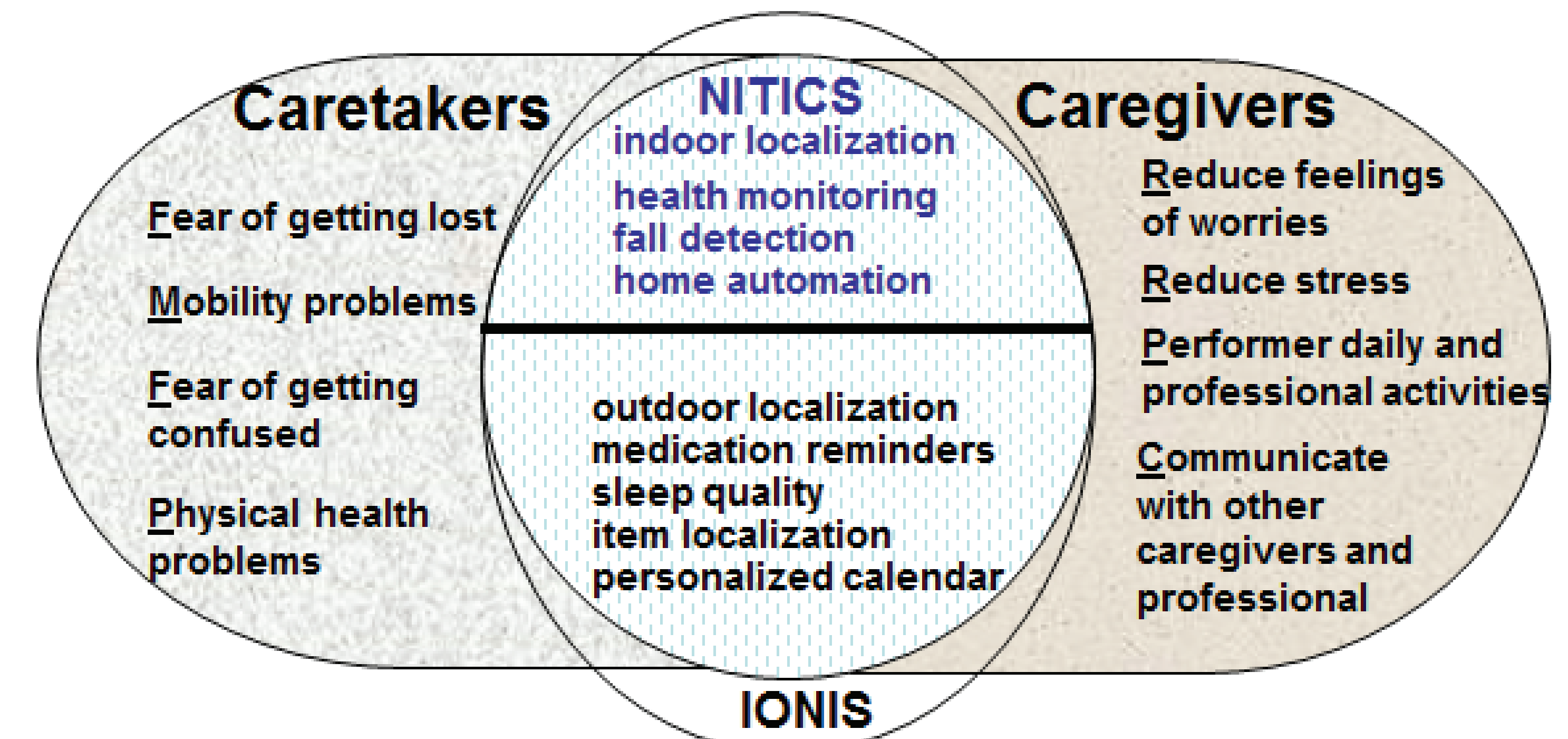
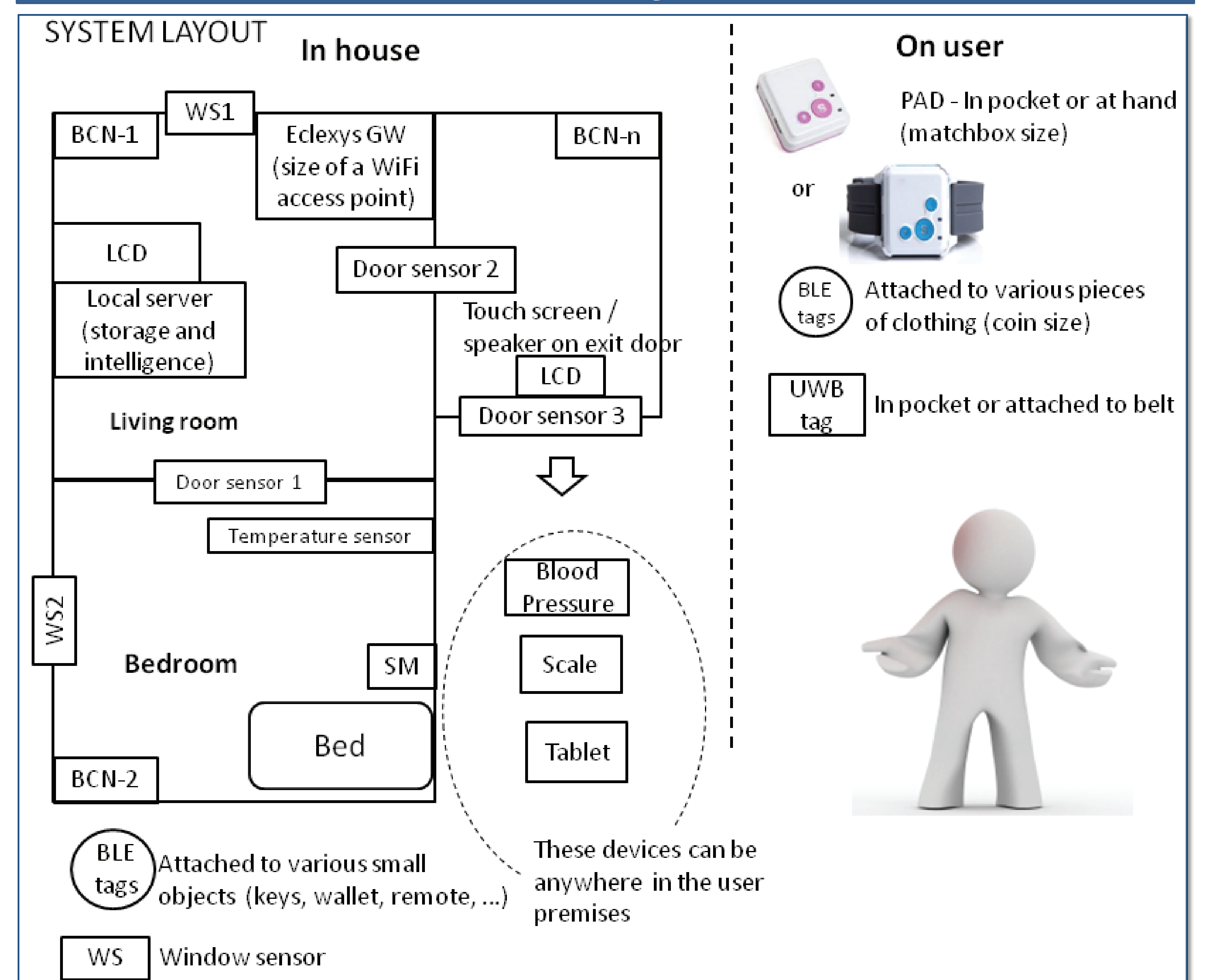


IONIS end-users and objectives

- ❖ Primary end-users: are people, not necessarily elderly, with cognitive impairment or in early to moderate stages of dementia who are still capable of performing many of the regular indoor and outdoor activities despite declining memory and cognitive functions.
- ❖ Secondary end-users: caregivers, both informal and formal. Main target are informal caregivers who are also impacted physically, psychologically and economically.



IONIS layout



Acknowledgements

- Under the Call AAL-2016-074, this work was supported within the Active and Assist Living Programme (AAL) by a grant of the:
- ❖ Hungarian National Research, Development and Innovation Office, NKFIH
 - ❖ Polish National Centre For Research And Development, NCBI R
 - ❖ Romanian Executive Agency for Scientific Research and Innovation, UEFISCDI
 - ❖ Slovenian Ministry of Education, Science and Sport, MIZS
 - ❖ Swiss Federal Officer for Professional Education and Technology, OPET