

**Duration**  
01 June 2017 – 31 May 2020

AAL Joint Programme  
Call AAL 2014-2020

**eWare**  
Early Warning Accompanies Robotics Excellence

eWare introduces a novel eco-system to support the wellbeing of people with dementia and their informal carers

**Background**

eWare is focused on improving the lifestyle of people with dementia and their caregivers considering the extreme impact of this disease in the world.

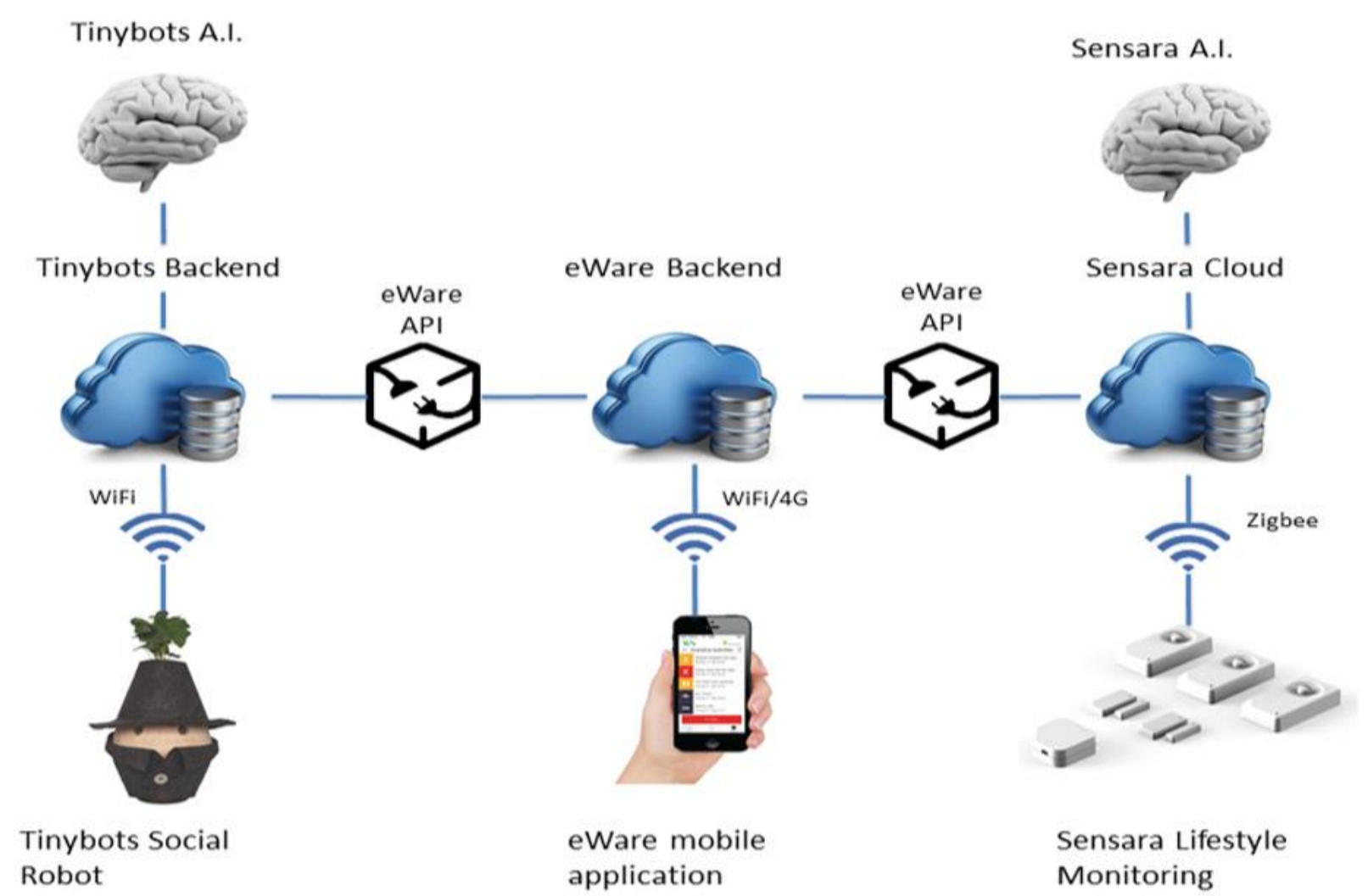


**Objectives**

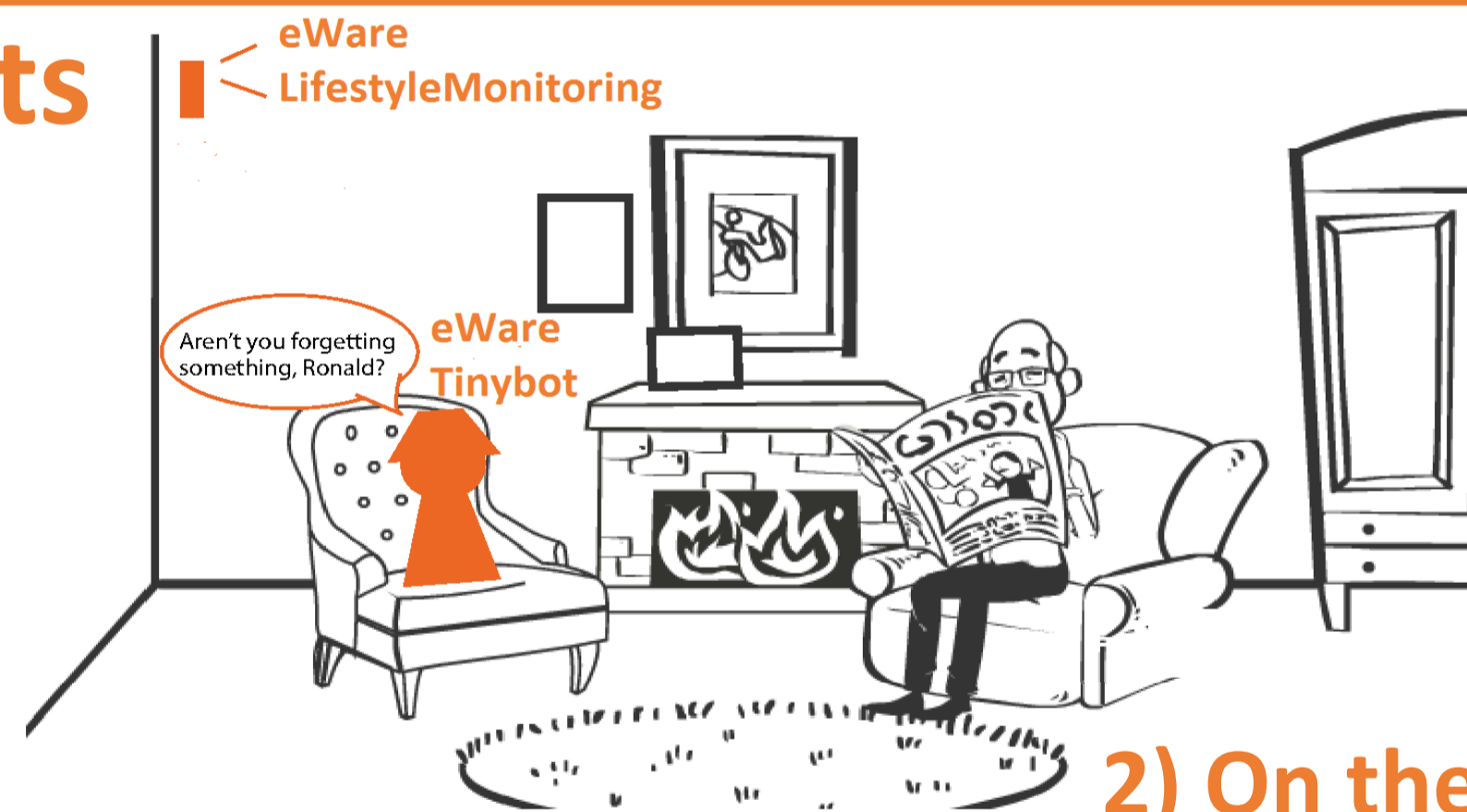
- 1) reduce subjective stress of the informal carers and the patient community,
- 2) enhance quality of life of the informal carer and person with dementia,
- 3) support communication and information between formal and informal carers.

**eWare eco-system architecture**

The eco-system is characterized by the integration of two technologies: the lifestyle monitoring of Sensara (motion sensors and open/close sensors) and the social robotic technology of Tinybots.



**Preliminary Results**



**1) Ideas on the service**

- Support the entertainment
- Interaction with the subject during daily life
- Cognitive training
- Security (leaving/intruders)
- Alterations on sleep/wake
- Personalized on the basis of user preferences
- Orientation
- Vital signs correlate with social interaction

**2) On the target**

- People in an early to a middle stage of dementia
- Frontotemporal dementia users
- Caregivers



**3) Impression on the robot**

- Looks fine and adapts to the surrounding
- Easy to use
- For patients with hallucinations

**Contacts**

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