

Irit Luft Madar from **Methodica** on behalf of Safemove Consortium

Effective learning



Background:

By 2020, 25% of the EU population will be older than 65 years, which will cause the European working-age population to shrink.

This demographic and financial shift will increase the cost of the healthcare systems as more people will need some sort of physical, social or mental care to allow them to remain an integrated and active part of society.

One of the key factors which enable a person to remain an active member of society and to enjoy a high quality of living is the ability to freely, safely and easily travel from point to point as they wish.



Aims:

The vision of the SafeMove project isto enable the elderly with amnesic Mild Cognitive Impairment (aMCI, early dementia) to stay active for a longer time in the comfort of their own homes, while simultaneous being supported when going out and joining social activities.

SafeMove at home



Home-based physical and cognitive training, also through serious games. IT training games and devices are being developed to enhance both the mental and physical fitness of the elderly in an interactive, effective and pleasurable way. It also allows the users to practice their outdoor routes at home.

SafeMove on tour



Location-based mobile assistance for outdoor life activities. An application for mobile devices is being developed in order to support elderly persons with aMCI to find their way outside their homes, navigate through public traffic or at social events etc.

SafeMove assist



Caregivers have the opportunity to detect the health condition of their clients or family remotely and could support them in keeping them healthy and mobile in real-time and even assist several users simultaneously.



The core innovative component of the SafeMove solution is our ability to seamlessly integrate the 3 elements described above into a **holistic solution that is based on clinical research and can provide customized and effective assistance for the elderly people at home and on tour. Thus - creating a solution that will significantly improve their well-being.**

The SafeMove project is funded by the Ambient Assisted Living (AAL) Joint Programme and is carried out by a collaborative interdisciplinary group of experts working as a consortium which includes physicians, scientists, consultants, designers, health-care providers etc.,