



JTC 2017 - Ageing and place in a digitising world

ORIENT

Use of care robots in welfare services: New models for effective orientation

SUMMARY AND OVERALL AIM

The ORIENT project focuses on orientation; *introduction to technology use and learning of different skills for effective use in the spirit of co-creation*. Various obstacles to care robot acceptance and shortcomings in their use have been identified. In ORIENT, *new methods and models will be developed for orientation into care robot use – taking into account the needs of older customers and their relatives as a first priority*. Caregivers, care service organizations and the societal level, other stakeholders in the ‘innovation ecosystem’ such as business and industry, public administration and the nonprofit sector, are also included. Knowledge, know-how, know-why and know-what will be boosted by active interaction between ORIENT and the people utilizing the results. ORIENT’s societal and social objectives are to *smoothen the co-creation of care robot technology and service innovations by identifying, characterizing and developing best practices for orientation into care robot use at the different levels of the ecosystem*. This is also expected to contribute to economic objectives, such as *more effective use of technology in welfare services*, with careful attention to the needs of responsible research. The project builds on close cross-border collaboration and exchange. The scientific objective is *to link the traditionally practice-oriented theme of orientation to the theories of sociotechnical transition*, where new technologies are seen to contribute to broader societal changes.

PROJECT DURATION AND BUDGET

Project duration: 24 months
Project costs: 674.442

CONSORTIUM

The consortium consists of 3 partners from 3 countries:

1. Lappeenranta University of Technology (Finland)
2. Mälardalen University (Sweden)
3. Brandenburg University of Technology (Germany)

WORK PACKAGES

WP1: Management and coordination; Execute efficient coordination and management activities in order to guarantee sound management of financial issues, delivery of results and reporting to funders.

WP2: Orientation at the micro-level; Characterize orientation practices at the micro-level of customers, care workers and care managers, and develop best practice methods of orientation for this level in the three countries.

WP3: Orientation at the meso-level; Identify stakeholders and sub-levels of this level, and develop and test methods of orientation that are suited to the national characteristics.

WP4: Orientation at the macro-level and combination of the levels; sociotechnical transition; Observe impacts of the new methods and models for orientation, and focus on the link between orientation and sociotechnical transition to reach wider conclusions.

WP5: Stakeholder engagement and interaction; Lead and coordinate the stakeholder engagement and interaction for this project.

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Joint Programming Initiative (JPI) “More Years, Better Lives”

A total of 8 projects received funding.

www.jp-demographic.eu.