



JTC 2017 - Ageing and place in a digitising world

COORDINATES

Technology to support decision making about ageing at home

SUMMARY AND OVERALL AIM

Most older adults facing loss of autonomy choose to continue living at home. Governments are also interested in enabling older adults to remain safely at home. We aim to develop technology that augments self-management among older adults living at home and their caregivers, and use information generated by the technology to inform shared decision making about housing options among older adults impacted by early-stage dementia, their caregivers, healthcare professionals and policymakers. We will therefore 1) assess the self-reported and Global Positioning System (GPS)-reported mobility of people with early-stage dementia still living at home; 2) co-design an enhanced version of the TakeCare platform; 3) assess experiences of users of the new system; 4) survey other potential users and identify factors influencing their willingness to use it; and 5) compare data between rural/urban areas and across jurisdictions in Canada, the Netherlands and Sweden. The outputs are self-reported and objectively measured data about mobility and health changes in older adults living at home in 3 countries; enhance technical support platform for self-management; factors influencing potential uptake; instructions and recommendations for implementation; information for shared decision making about housing options among end-users, including policy makers.

PROJECT DURATION AND BUDGET

Project duration: 36 months
Project costs: €723.347

CONSORTIUM

The consortium consist of 5 partners from 3 countries:

1. Université Laval (Canada)
2. University of Alberta (Canada)
3. Groningen University (The Netherlands)
4. Dalarna University (Sweden)
5. Greybox Solutions Inc. (Canada)

WORK PACKAGES

WP1: Assess autonomy and mobility of older adults with GPS-trackers

WP2: Collaborate with end-users to co-design an adapted version of the TakeCare platform that could be used to inform shared decision making about housing options for older adults

WP3: Assess the willingness and long-term real-life experiences of users of the adapted TakeCare platform and survey the general population about factors that could influence their willingness to use the TakeCare platform for self-management of issues related to reduced autonomy among older adults

WP4: Assess differences and similarities between rural vs. urban areas and between the countries (Canada, Netherlands and Sweden) regarding all of the above and collaboratively explore privacy issues

COORDINATES received funds under the JTC 2017 launched by JPI MYBL.

JPI MYBL is supported by J-Age II. J-Age II is funded by Horizon2020, the EU Framework Program for Research and Innovation, under Grant Agreement nr 643850

Joint Programming Initiative (JPI) "More Years, Better Lives"

A total of 8 projects received funding.

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