



AALBORG UNIVERSITET

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To the editor:



## **PEARL - Platform for Ergonomic and motivating, ICT-based Age-friendly workpLaces**

**An EU research project with 8 international partners and a budget of over 3 million Euro will over the next two and a half years develop a platform that can help senior workers to be productive, by means of ergonomic and motivating workplaces. Denmark is represented with 2 partners, namely Center of TeleInfrastruktur / Aalborg University and RFID Specilisten.**

PEARL project will provide a first-of-a-kind platform for the programmable and modular configuration of ICT-enabled age-friendly working spaces, which will be an essential element of EU strategy towards prolonging the working life. The main goal of the project is to enable the development and deployment of ICT-based ergonomic motivating age-aware and age-friendly workspaces, on the basis of a unique blending of leading edge technologies for smart spaces, tools for time/project management and ICT utilities for cognitive and mental support.

As a starting point, PEARL will leverage a number of available and proven technologies (i.e. surface computers, pervasive AutoID technologies) which already contribute to the development of ergonomic and motivating spaces. These technologies will be complemented by a number of ICT tools for project management, time management, e-learning, cognitive and mental support like described previously. To-date there have been several efforts in customizing individual ICT tools for the elderly. However, there have been no systematic efforts to explore the adaptation and integration of multiple age-friendly ICT tools in the working environment. Hence, a key novelty and add-value of the project is the fact that these technologies will be combined in a modular, configurable and programmable fashion and in response to different business and deployment requirements.

The quantification of the project's progress and objectives will be based on: Technical/technological criteria and figures (e.g. the number of ICT applications/platforms to be integrated and the number of distinct deployments/solutions that will be built), Evaluation and validation related criteria and indicators (such as the number of elderly workers to be engaged in the project pilots, Techno-economic and socio-economic indicators (such as financial indicators and quality-of-life (QoL) indicators for the elderly and Indicators associated with the project's dissemination and exploitation activities, which form an integral part of the project's work plan.

### **Partners**

The consortium behind PEARL counts 8 partners from 6 countries: AIT Austrian Institute of Technology GmbH, Roessingh Research and Development, Singular Romania Computer application S.R L., Empirica Gesellschaft für Kommunikations- und Technologieforschung mbH, COMARG – Communication & Marketing Agency, SENSAP Swiss AG, Aalborg University, RFID-specialisten (SME).

### **Further information:**

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