What is SmartWork?

SMARTWORK (SW) IS A EUROPEAN PROJECT ADDRESSING A KEY CHALLENGE FACED BY TODAY'S OLDER GENERATION, AS THEY ARE LIVING AND WORKING LONGER THAN THEIR PREDECESSORS: THE DESIGN AND REALISATION OF AGE-FRIENDLY LIVING AND WORKING SPACES.

SW will build a Worker Centric AI System that:

- Offers a suite of smart services to support active and healthy ageing for older office workers using Artificial Intelligence.

- Monitors workers' health, behaviour, cognitive and emotional status, and responds to their needs.

- Supports workers staying longer and happier in their job by tackling the consequences of ageing, sedentarism and physical and mental health problems.

- Delivers benefits for older workers, their employers and carers and has a wider positive impact on society and community wellbeing.

- Actively engages end users (55-65 aged office workers, employers and carers) in real-world settings at pilot sites in Coimbra (Portugal) and Aarhus (Denmark) to co-create and evaluate the SmartWork system.

Target Groups

SMARTWORK WILL DELIVER BENEFITS FOR:

Office workers age 55-65, by providing continuous monitoring and risk assessment of their health status and functional and cognitive capacity, as well as the provision of adaptive work support.

Employers, by empowering them to improve the efficiency and productivity of office worker teams with AI decision support tools and optimal contextual knowledge management.

Carers, by monitoring the overall health status of the people they care for, thus providing full support to informal caring tasks.

Services

SMARTWORK WILL DEVELOP A SUITE OF SMART SERVICES:

Office worker Services

healthyMe
It delivers precise monitoring of physiological and behavioural parameters which is key for efficient self-management of chronic health conditions.

myWorkAbility
This tool will measure the psycho-physical capacity of the office worker, suggesting flexible working practices and supporting decisions to improve their wellbeing.

ubiWork
This service will help employees maintain a work/life balance and help employers improve the productivity and efficiency of their business.

workCoach
Older workers bring experience, hard skills and industry know-how. However, they can struggle with learning new skills. This service will provide on-demand training support personalised to the older worker's profile.

Employer Services

digiTeam Service
It enables flexible management of the workforce to increase efficiency and productivity and to optimize training and knowledge management activities.

Carer Services

iCare Service
An adaptable and accurate service for health monitoring allowing carers for older workers to select and personalize parameters depending on the specific disease or condition.

The Challenge

Maintaining an active professional life, despite the ageing process and potential functional limitations, health conditions or care needs, is of paramount importance for active ageing and independent living.

The continuing active participation of older adults in work life can be beneficial for all related stakeholders: for society, for themselves, their families and friends, for employers, for their colleagues.

SmartWork will respond to this challenge by designing and creating age-friendly living and working spaces to tackle older workers' needs and give them the chance to keep working in comfortable and enjoyable conditions.

Partners

Byte solutions.unlimited

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CENTER FOR ASSISTED LIVING TECHNOLOGY

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