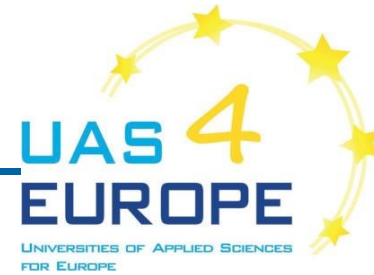


# Beyond Horizons: The future of applied research in Europe

Brussels, 2 April 2019



## Situational awareness for health and safety

**XoSoft** – Soft modular biomimetic exoskeleton to assist people with mobility impairments  
<https://www.xosoft.eu> Budget 3,68 M€ incl. 460 K € for Saxion:

- Integration of technology into textile.
- Measuring kinematics for monitoring and intention detection purposes.
- Feedback to user from patients (tactile feedback) to doctors (mobile/web interfaces).

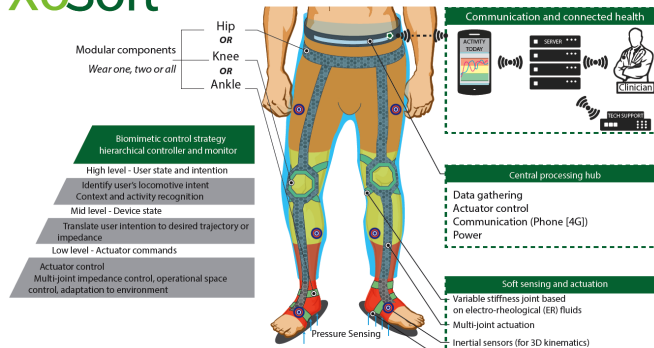
**AIOSAT** – Autonomous Indoor & Outdoor Safety Tracking system

<http://www.aiosat.eu/> Budget 1,5 M€ incl. 225 K€ for Saxion

– Saxion contributes to:

- Localisation (positioning) based on inertial navigation and sensor fusion, which is needed for activity recognition.

**XoSoft**



What we look for is new projects and partners to:

- Physiological and biomechanical monitoring of people for purposes of health, safety, or other goals.
- Ambient monitoring by integrating technology into devices (like mobiles) or garments (like shirts).
- Using artificial intelligence to get situational awareness out of the data (diagnose, prognose).
- Providing visualisation and feedback to primary, secondary and tertiary users.

## Technology to improve Life and Industry

### Research areas

- Smart Industry
- Health & Wellbeing
- Areas & living



### Contact Details

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