

Supporting Healthy and Active Ageing in Slovenia's retirement homes

Older adults in Slovenia's retirement homes have varying levels of age-related conditions that limit their activity, overall well-being, independence, and participation in the community. Empowering older adults to be more active, independent, and engaged with the community is expected to benefit them, their carers, and the community at large, in terms of health, societal inclusiveness, and economy.

Proposals should develop solutions that improve the well-being of older adults in Slovenia's retirement homes, increase their activity level, support greater independence, and reduce caregiver load.

Solutions should address the following aspects:

- Personalised coaching for increased physical activity, including simple instructions and motivational aspects
- Stakeholder involvement in the design and testing of solutions, including older adults, their caregivers, and other relevant stakeholders (i.e., co-creation / user-centred design)
- Validation of the proposed solutions
- Assessment methodology to study the impact of the proposed solutions on the health and wellbeing of older adults, their independence, and caregiver workload.

Proposals that address community engagement through increasing physical activity are encouraged.

Expected impacts:

- 20% reduction in sedentary time
- 10% reduction in hospital visits
- 10% recovered time for caregivers (i.e., caregivers have 10% reduction in time spent on addressing the topics covered in the solution)
- 20% increase in well-being (define tools, assessment period)

Sustainable construction value-chains for circular use of nature-based materials

The construction sector consumes approximately 50% of all extracted materials and is responsible for 35% of all waste generation in Europe. Reusing construction materials will reduce the amount of materials extracted from the environment and decrease the quantity of waste generated. Solutions are needed to improve the collection, sorting, reuse, and recycling of building materials now, and especially in the future.

Proposed solutions should address materials deployed in the current building stock as well as solutions to increase the use of recovered material in new buildings while also increasing the recoverability of construction materials.

Successful proposals will address digitisation to support traceability, circularity, and decision making. New business models and solutions for upskilling current construction sector workers (incl. management) should be included in the proposal.

Solutions should address the following aspects:

- Collaboration between sectoral stakeholders using a co-creation model
- Provide a viable demonstration of the solution at the end of the project
- A life-cycle approach to assessing the environmental, social, and economic impacts of the solution(s) provided
- Address more than one building material

Expected impacts:

- 20% reduction in waste generated on construction sites
- 20% increase in recovered materials used in construction (new build/renovation)
- 10% decrease in environmental footprint
- No increase or decrease in costs
- Convincing digitisation strategy to support continuous monitoring of performance/impacts of proposed solutions