



EU_SHAFE: Europe Enabling Smart Healthy Age-Friendly Environments

THE CHALLENGE

Europe needs a broad supply of responsive, smart age-friendly living environments

- **To increase the quality of life of a growing aged population.** Global population aged 60 years or over increased from 8.5% in 1980 to 12.7% in 2017. It is estimated that it will continue to rise in the coming decades reaching 16.4% in 2030 and 21.3% in 2050¹;
- **For promoting the sustainability of the welfare system.** It is estimated that public expenditure “exclusively” age-related (pensions, health and long term care) will increase by 4.1 percentage points of GDP between 2010 and 2060, from 25% to 29%²;
- **To tackle the lack of alignment between complementary policy levels,** such as health, social affairs, territorial development, employment and wellbeing, restraining the creation, availability and large-scale adoption of age-friendly solutions;
- **To leverage on the business opportunities** that the generation of new products and services for independent living and age-friendly living environments can offer³;
- **To inform timely policy responses and health care systems' preparedness for future pandemics** prior, during and after crisis.

DEUSTO'S RESPONSE

The Core Group EU_SHAFE: Smart Healthy Age-Friendly Environments

It is an interdisciplinary group of excellent researchers from different research units of the University of Deusto:

- [Assessment, clinics and health](#)
- [Deusto Social Values](#)
- [Deustek - Smart open-ended environments and technologies for learning](#)
- [eVIDA](#)

Working in **co-creation** with local, regional and international players to create impactful innovative research results:

- Contributing to a better quality of life and more inclusive and sustainable health and social care systems;
- Creating a cooperative and inclusive ecosystem mobilising relevant players (industry, academia, R&D centres, health and social care providers, local governments and policy-makers) for the exchange of good practices in Smart Healthy Age-friendly Environments;
- Fostering the creation, availability and large-scale adoption of age-friendly solutions across Europe;
- Promoting policy design and adaptation of regional instruments working towards building a large Euro-local common model for Smart Healthy Age-friendly Environments;
- Assisting health-care systems and influencing policy makers in pandemics, contributing to reducing the economic and social impact of emergency scenarios.



GENERATING EXCELLENT RESEARCH AND INNOVATION

Participation in International and European initiatives and projects



European Innovation Partnership on Active and Healthy Ageing



AAL Programme DAPAS:
Deploying AAL packages at Scale



Covenant on Demographic Change



AAL Programme FRAAGILE:
Platform for detecting and preventing frailty and falls



Thematic network Smart Healthy Age-Friendly Environments



H2020 City4Age:
Elderly-friendly City services for active and healthy ageing



Interreg Europe EU-SHAFE:
Europe Enabling Smart Healthy Age-Friendly Environments



Interreg Poctefa SAREA:
Development and dissemination of care models for children and elderly people

COST Action NET4AGE-FRIENDLY:
International Interdisciplinary Network on Health and Wellbeing in an Age-friendly Digital World

Participation in regional initiatives

WHO Age-friendly cities:

Manual for the implementation of the WHO Age-friendly cities project in your community



LKaleak:
Co-creation project to promote age-friendly environments

B4ALL: Biscay, a Territory For All



ADINBERRI:
Gipuzkoa Reference Centre for Ageing

FuturAAL:

Complex and scalable egocentric vision-based activity recognition for AAL



Deusto is a key actor of the [Basque Country Reference Site](#). A 4 starts Reference Site awarded by the European Commission.

- 1 United Nations: Department of Economic and Social Affairs. "Population ageing and sustainable development". Population Facts No. 2017/1, June 2017. https://www.un.org/en/development/desa/population/publications/pdf/popfacts/PopFacts_2017-1.pdf
- 2 Caritas Diocesana de Coimbra and AFEdemy, Academy on age-friendly environments (2018). "Thematic Network 2018. Smart Healthy Age-Friendly Environments" Available at: https://en.caritascoimbra.pt/wp-content/uploads/sites/3/2018/04/ThematicNetwork_SHAFE-2018_PUB.pdf
- 3 European Parliament (2015) "Briefing: The Silver Economy - Opportunities from ageing" Available at: [https://www.europarl.europa.eu/RegData/etudes/BRIE/2015/565872/EPRS_BRI\(2015\)565872_EN.pdf](https://www.europarl.europa.eu/RegData/etudes/BRIE/2015/565872/EPRS_BRI(2015)565872_EN.pdf)

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