

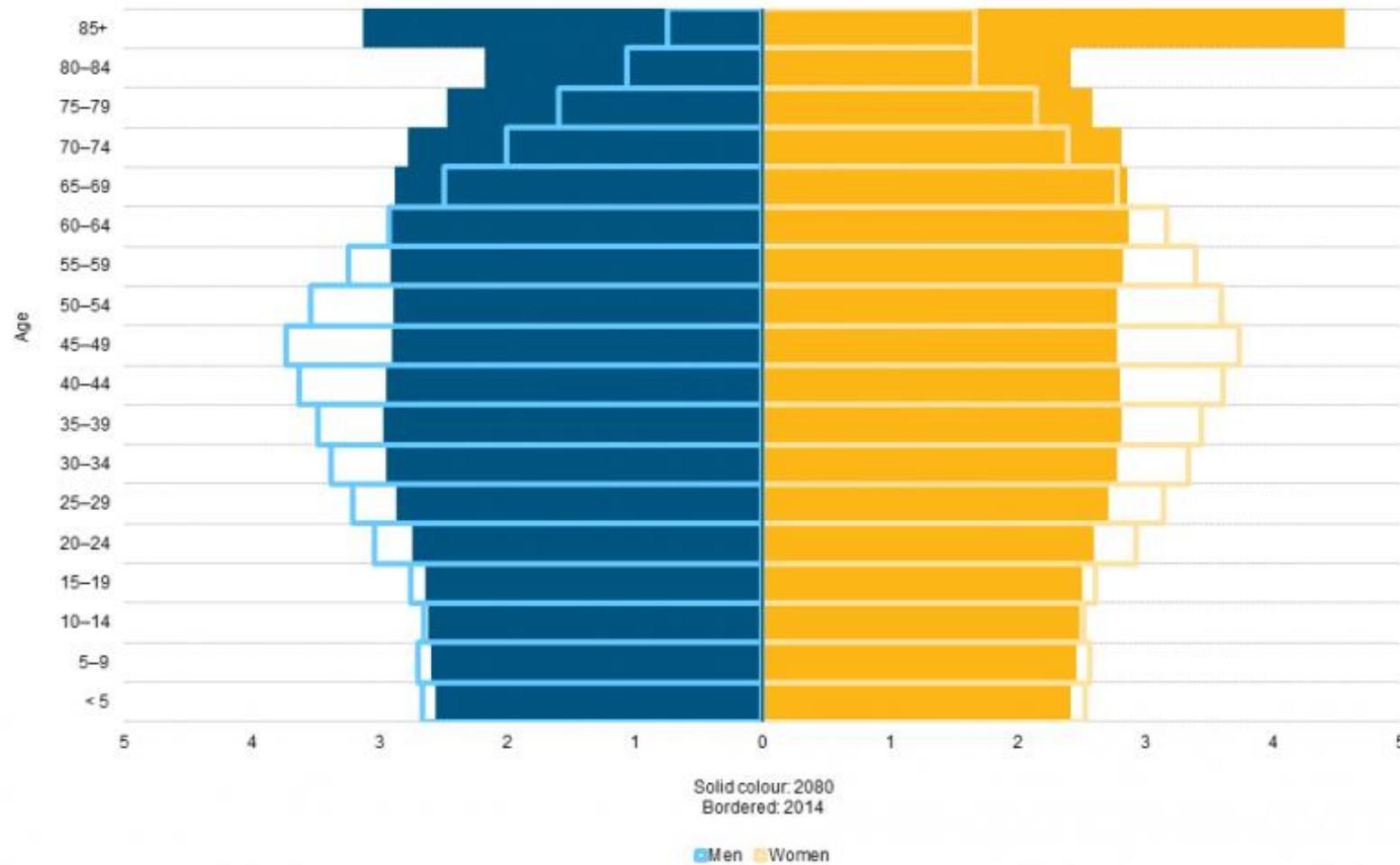


**EIP ON AHA**

European Innovation Partnership  
on Active & Healthy Ageing  
About the Partnership



# Europe is facing a demographic challenge



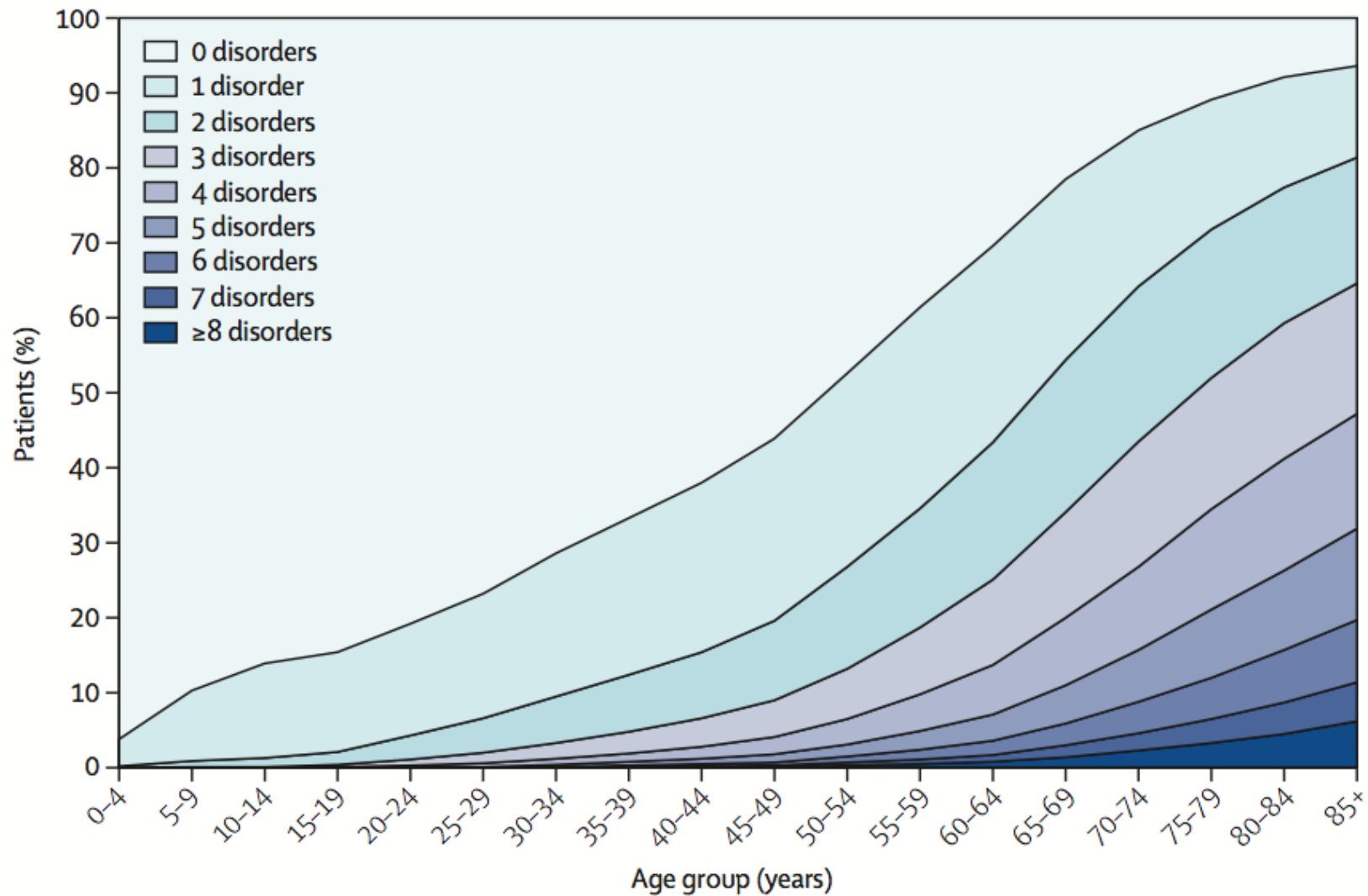
2014

2080

(\*) 2080: projections (EUROPOP2013).

Source: Eurostat (online data codes: demo\_pjanrgroup and proj\_13npms)

# Number of chronic conditions by age group



# Demographic challenge & the EU agenda

## 1.1. SOCIETAL CHALLENGE & MAJOR OPPORTUNITY

## 1.2. ROAD TO 2018 (GOALS)

# From challenge to answer

## From Societal challenge



**Dependency Ratio**  
From 1:4 to 1:2  
80+ doubles by 2025

### Cost of Care

Increasing comorbidity and costs



### Human Resources

Shrinking work force  
Lacking 20 million carers by 2020



## To Major Opportunity



**Empowerment**  
Active Ageing

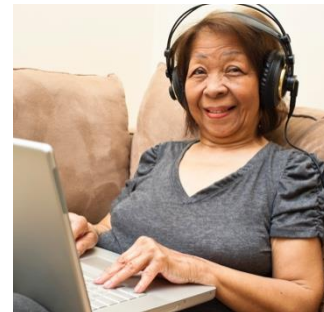
### New Care Models

Home based  
Integrated care  
Large Efficiency gains



### Growth and Markets

3000 B€ wealth  
85 Million Consumers  
– and growing



# European road to 2018

## EU OBJECTIVES 2016-2018 – ACTIVE & HEALTHY AGEING INNOVATION

### DEPLOYMENT OF INNOVATION

50 + REGIONS  
DEPLOYING LARGE-SCALE,  
SUSTAINABLE,  
DIGITALLY-ENABLED  
INNOVATIVE SOLUTIONS  
FOR ACTIVE AND  
HEALTHY AGEING

### INVESTMENT

REACHING TOTAL OF  
€ 500 MILLION  
INVESTMENT IN DIGITAL  
INNOVATION FOR HEALTH  
& CARE. €250 MILLION  
PUBLIC INVESTMENT –  
MATCHED BY €250  
MILLION FROM PRIVATE  
SOURCES

### PEOPLE

REACH ADDITIONAL  
4 MILLION PEOPLE  
IN EUROPE BENEFITING  
FROM DIGITAL  
INNOVATION ACTIVE &  
HEALTHY AGEING.

### HORIZONTAL GOALS

Critical Mass adoption of "Monitoring and Impact Assessment Framework" (MAFEIP)  
Critical Mass adoption of "Innovative Practices Repository EIP on AHA"

# Key European Commission initiatives on AHA

2.1. EUROPEAN INNOVATION PARTNERSHIP  
ON ACTIVE & HEALTHY AGEING

2.2. SILVER ECONOMY STRATEGY (Launched March 2015)

2.3. H2020 SOCIETAL CHALLENGE 1 "HEALTH, DEMOGRAPHIC  
CHANGE & WELLBEING"



# AHA at the top of European interest



Günther Oettinger, European Commissioner for Digital Economy & Society



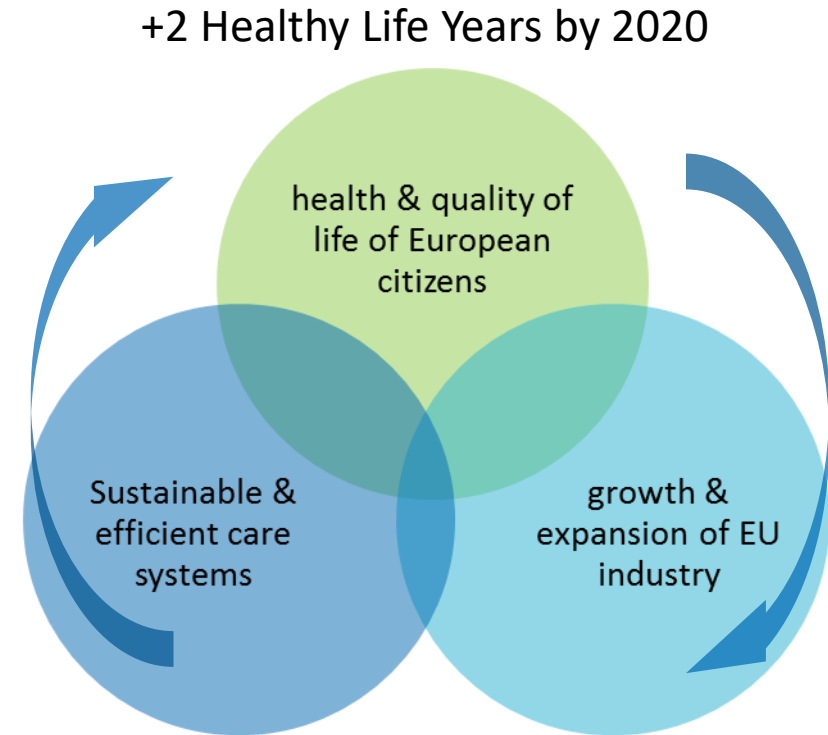
"An ageing population is clearly one of the most important challenges but also opportunities for Europe."

Carlos Moedas, European Commissioner for Research, Science and Innovation,  
[European Summit on Innovation for Active and Healthy Ageing](#), Brussels, 9-10 March 2015



# EIP on AHA

- Is a stakeholder-driven initiative launched by the European Commission **to foster innovation in the field of active and healthy ageing**
- Has been conceived for **connecting & engaging public and private stakeholders across sectors that compose the innovation value-chain**, to accelerate **scaling-up of innovation** for active and healthy ageing
- The EIP pursues a **Triple Win for Europe**



<https://ec.europa.eu/eip/ageing>

# EIP on AHA

EIP on AHA is driven by **Action Groups** (Commitments & Collaborative Works) and **Reference Sites** (Regional ecosystems):

- **Individual commitments** and **collaborative works** clustered in 6 Action Groups
- **Reference Sites** i.e. coalitions of regions, cities, integrated hospitals or care organisations aimed at providing a comprehensive, innovation-based approach to active and healthy ageing



**EIP ON AHA**

REFERENCE SITE



# EIP on AHA First period of activity (2013-2016)

## 6 ACTION GROUPS



A1

➤ Adherence to prescription



A2

➤ Falls prevention



A3

➤ Functional decline and frailty



B3

➤ Integrated care



C2

➤ Independent living solutions

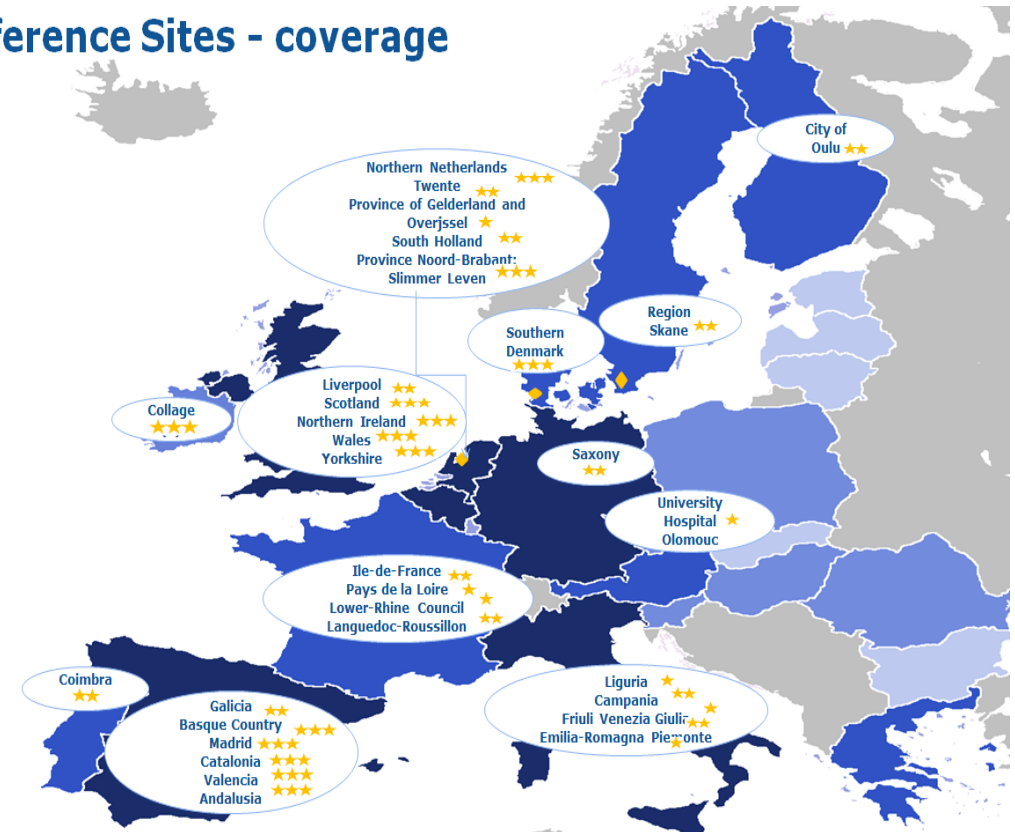


D4

➤ Age friendly environments

## 32 REFERENCE SITES 2012-2016

### Reference Sites - coverage



# Overview over the last 3 years commitments

A1 Prescription  
and Adherence  
to Medical Plans

A2 Personalized  
Health  
Management and  
Falls Prevention

A3 Prevention  
& early diagnosis  
of frailty and  
functional decline  
(physical &  
cognitive)

B3 Integrated  
care for chronic  
diseases,  
including remote  
monitoring at  
regional levels

C2 Interoperable  
and Independent  
Living Solutions

D4 Innovation  
for Age-friendly  
buildings, cities  
& environments

2012-2015

- AGs mostly oriented to individual commitments
- Detected synergies amongst AGs not structured in operational cooperation
- Implementation of reporting procedures not supported by common management tools

# Overview over the last 3 years commitments

## Structures of the AGs per Type of Partners

- High participation of Research Centres, Academia & Training Institutions
- Average participation of Public Administrations, Governmental Agencies & Healthcare providers
- Moderate participation of Industries and SMEs



# EIP on AHA Roadmap for period 2016-2018

## ACTION GROUP ACTIVITIES

INCLUSION OF NEW "PARTNERS"

SYNERGIES & COLLABORATIVE ACTIONS

IMPLEMENTATION OF 2016-2018 ACTION PLANS

## REFERENCE SITES ACTIVITIES

PEER-REVIEW OF 78 APPLICATIONS

TWINNING PROGRAMME "ACCELERATE DEPLOYMENT"

COMMUNICATIONS PLAN "SHOWCASE INNOVATION" –  
DEC. 2016 AWARD CEREMONY



# Preparation of the new Call for Commitments for the period 2016-2018

Strategic Implementation Plan	New Call for Commitments 2016	Scaling Up Strategy
6 Renovated Action Plans		Repository of Good Practices
<p><b>Achievements</b> Room for improvement:</p> <ul style="list-style-type: none"> <li>•Build up on lessons learnt and good practices</li> <li>•Strengthen the link between the commitments and the EIP on AHA objectives</li> <li>•Promote balanced involvement and effective engagement of all stakeholders, including SMEs</li> </ul>	PROEIPAHA providing support and tools	<p><b>Governance &amp; Coordination</b> Room for improvement:</p> <ul style="list-style-type: none"> <li>•Increase capacity to monitor and track progress</li> <li>•Better integration of activities undertaken within, and across the Action Groups</li> <li>•Improve communication, dissemination and uptake, mainly at local and regional level</li> </ul>
<p><b>Actions: the AP</b></p> <ul style="list-style-type: none"> <li>•Collaborative works</li> <li>•Synergies</li> <li>•Dynamic document</li> </ul>		<p><b>Actions:</b></p> <ul style="list-style-type: none"> <li>•Commitments tracker on-line tool</li> <li>•Synergies Task Force &amp; promoter</li> </ul>

# Results of the new Call for Commitments for the period 2016-2018

- **850 new Commitments** (up from 517), over 2.500 organisations
- **Stakeholders (SMEs, industry, research organisations, civil society / NGOs, health and care organisations, public authorities and government bodies)**
- **78 Reference Site applications** (from 22 Member States) = more than doubling the previous set of 32 Reference sites

(reference sites are regional and national authorities and alliances of stakeholders, invested in scaling up innovative solutions for the ageing population in their regions).



EUROPEAN INNOVATION PARTNERSHIP  
on Active and Healthy Ageing

2016 EIP on AHA Call Results:

- Over 850 Commitments submitted to support the 6 Action Groups activities
- 78 Reference Site Applications from 22 countries to scale up innovation for active and healthy ageing

Together we can create a Digital Single Market for the Ageing Society!

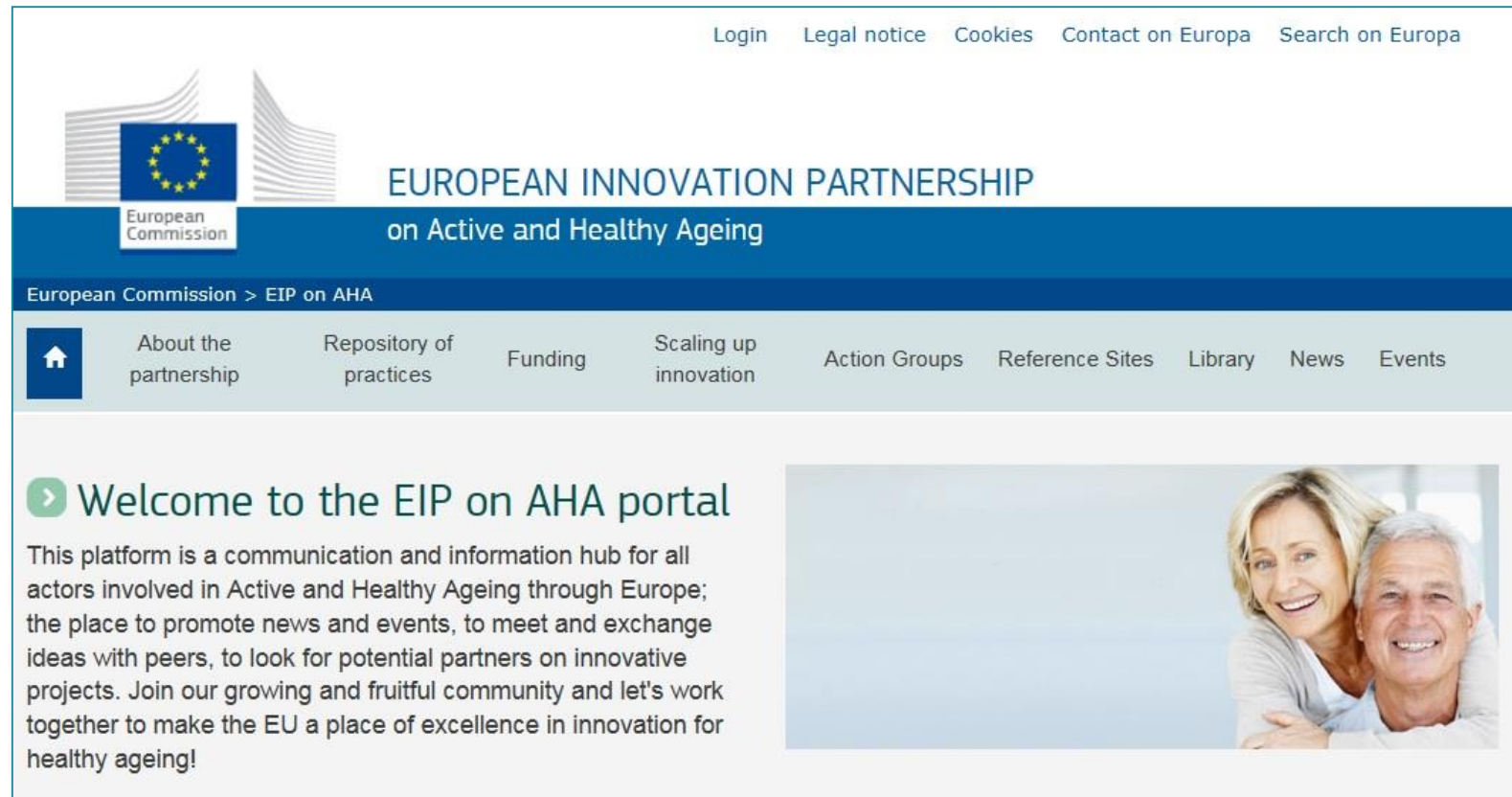
**Together for a Stronger Partnership 2016-2018**

[ec.europa.eu/eip/ageing](http://ec.europa.eu/eip/ageing) #ActiveAgeing




# EIP on AHA horizontal activities

## EIP on AHA PORTAL & INNOVATIVE PRACTICES REPOSITORY





The screenshot shows the homepage of the European Innovation Partnership on Active and Healthy Ageing (EIP on AHA) portal. At the top right, there are links for 'Login', 'Legal notice', 'Cookies', 'Contact on Europa', and 'Search on Europa'. The main header features the European Commission logo and the text 'EUROPEAN INNOVATION PARTNERSHIP on Active and Healthy Ageing'. Below this is a breadcrumb trail: 'European Commission > EIP on AHA'. A navigation menu includes a home icon and links for 'About the partnership', 'Repository of practices', 'Funding', 'Scaling up innovation', 'Action Groups', 'Reference Sites', 'Library', 'News', and 'Events'. The main content area has a green heading 'Welcome to the EIP on AHA portal' followed by a paragraph: 'This platform is a communication and information hub for all actors involved in Active and Healthy Ageing through Europe; the place to promote news and events, to meet and exchange ideas with peers, to look for potential partners on innovative projects. Join our growing and fruitful community and let's work together to make the EU a place of excellence in innovation for healthy ageing!'. To the right of the text is a photograph of a smiling elderly couple.

Login Legal notice Cookies Contact on Europa Search on Europa


 EUROPEAN INNOVATION PARTNERSHIP  
on Active and Healthy Ageing

European Commission > EIP on AHA

 About the partnership Repository of practices Funding Scaling up innovation Action Groups Reference Sites Library News Events

 **Welcome to the EIP on AHA portal**

This platform is a communication and information hub for all actors involved in Active and Healthy Ageing through Europe; the place to promote news and events, to meet and exchange ideas with peers, to look for potential partners on innovative projects. Join our growing and fruitful community and let's work together to make the EU a place of excellence in innovation for healthy ageing!



# EIP on AHA & internal collaboration

## SHARING BEST-PRACTICES

- EIP-AHA developing metrics, tools and evidence of innovation impact at scale (MAFEIP & Innovation Repository)
- Exchange on an international level with USA, Japan, Canada, China, and others.

## STRENGTHENING INTERNATIONAL COOPERATION

- APEC Health Innovation and Demographic Change
- G7 Ministerial ICT
- International Day – European Summit on Innovation for Health and Active Ageing (5-7 December 2016)

# How to join EIP on AHA

Through:

- Call for commitments (permanently open)
- Call for Reference Sites (once every 3 years – next one est. 2018)



# How to join EIP on AHA

EIP on AHA partner organisations are invited to share their Innovative Practices

- Through the on-line Repository
- Thus contributing to the European scaling-up strategy
- For the mobilisation of knowledge and resources enabling the implementation of innovative solutions



The screenshot displays the website for the European Innovation Partnership on Active and Healthy Ageing. At the top, there is a header with the European Commission logo and the text "EUROPEAN INNOVATION PARTNERSHIP on Active and Healthy Ageing". Below this is a navigation menu with options: "About the partnership", "Repository of practices" (which is highlighted), "Funding", "Scaling up innovation", "Action Groups", "Reference Sites", "Library", "News", and "Events". The main content area features a large image of an elderly hand touching a tablet screen. To the right of the image, the heading "Repository" is followed by a paragraph: "The Repository of innovative practices is the basis for the European scaling up strategy. The scaling up strategy constitutes another step in the development of the EIP AHA to mobilise sufficient resources and expertise, which combined with the collection of innovative practices will ensure implementation of innovative solutions for active and healthy ageing on a European scale." Below this text is a button that says "Share your innovative practice". At the bottom of the page, there is a search bar with the placeholder text "Search for innovative practices" and a search icon labeled "SE".

# Why join EIP on AHA?

Partners joining EIP on AHA can

- Learn from others with shared interests or that have gone through similar challenges / opportunities
- contribute in deploying large-scale, digitally-enabled innovative solutions for active & healthy ageing
- share and work together for scaling-up innovative practices
- deliver creative and workable solutions improving the lives and health of older people



# What can EIP on AHA offer stakeholders?

- EIP on AHA is not a funding line, but...
- Several calls for proposals (e.g. Horizon 2020) are inspired by and contribute to the work of EIP on AHA
- Opportunity to learn from best / innovative practices already implemented and measured (impact assessed).
- Sharing own experiences and ideas and seeking to establish new partnerships that will help scale up innovative AHA solutions across the EU / global markets – OR – accelerate investment into implementation of innovation at local regional level
- A 'quality mark' for stakeholders, recognition of excellence (for Reference Sites) and recognition of expertise and leadership for those leading Action Groups and synergies.

# Some EIP on AHA Achievements

- Impact on Quality of Life of People - Number of individuals involved in the age friendly programmes and initiatives launched at regional and local level = 124.324.106 European citizens involved in "adherence to medical plans" related initiatives
- Number of pharmacists involved in the new initiatives addressing patient adherence at national and regional = 100.607 European pharmacists targeted for adherence-improving interventions
- Targeted EU companies/R&D entities were reached to engage them in future developments or deployment of the solution to the market: 200 in the frame of WIISEL project ([www.wiisel.eu](http://www.wiisel.eu)).
- Number of companies or business partnerships created and/or jobs generated
- Sense4Care Company is a spin-off created to exploit the commercial rights of FATE Project and put on the market a new product to cover the demand of this kind of devices.
- ProFouND Prevention of Falls Network for Dissemination supported AG2 on Falls Prevention and created the European Falls Festival and annual campaigning events across Europe

# Some EIP on AHA Achievements

- Number of people that have been involved in the testing the effectiveness of technology and interventions with benefits for individuals, including a decrease in falls, increased confidence in performing daily tasks and reduced carer burden.
- ProFouND developed a Cascade Training model for Falls prevention exercise by training trainers who then train exercise instructors who run classes for older people:
  - 118 Cascade Trainers on Falls prevention in 69 European cities, from 49 regions in 10 Countries.
  - These trainers have trained 1211 exercise instructors who will run exercise classes for more than 80,000 older people in 2016.
- Number of available ICT technologies for fall prevention and fall detection collected, compared and shared in a common repository.
- 55 devices (40 for falls detection & 15 for falls prevention) uploaded to the e-NO FALLS repository [www.e-nofalls.eu/ictrepository](http://www.e-nofalls.eu/ictrepository). Under the contributions, there are 14 revisions and comments of the devices.





**EIP ON AHA**

# Toscana Reference Site State of play and goals



# Toscana Reference Site



## THE TUSCAN COALITION

- TUSCANY REGION
- LOCAL HEALTH AUTHORITIES AND TEACHING HOSPITALS
- SANT'ANNA SCHOOL OF PISA
- HEALTH REGIONAL AGENCY
- TOSCANA LIFE SCIENCES FOUNDATION
- CITIZENS ASSOCIATIONS



2 Good practices

1 Commitment (AG A2) Falls prevention

# Chronic Care Model

- Proactive care model for preventing and managing chronic conditions based on the Expanded Chronic Care Model
- Implemented since 2010
- Progressively extended up to 1M people
- Demonstrated efficacy in 5 years in reducing mortality for Chronic Heart Failure



**EIP ON AHA**  
REFERENCE SITE



The image shows the cover of a document titled 'Piano Sanitario Regionale' from the Regione Toscana. The cover features the regional logo (a white horse on a red background) and the text 'Regione Toscana' with the tagline 'Diritti Valori Innovazione Sostenibilità'. Below the title, it mentions 'Aggiornamento ai sensi dell'art.18, comma 3, e dell'art.142, comma 3 della L.R. 40/2005'. At the bottom, it reads 'Parte Prima UN PIANO PER LA SALUTE, UNA SANITÀ D'INIZIATIVA'.

# Adapted Physical Activity



- Group exercise programs, designed for individuals with chronic conditions, aimed at correcting sedentary life style and at prevention of frailty and disability, as an alternative to over-subscribed clinic – based rehabilitation programs
- Deployed through public-private partnership
- Launched in 2005, 30.000 citizens involved at the end of 2015 (3,5% people >65)



<https://youtube.com/watch?v=sJDWu8cJLNU>

# Otago project



- The project provides the training 240 of certified trainers aimed to the activation of courses based on OTAGO methodology for falls prevention
- Launched in 2015 as part of PROFOUND EU Project
- Target: people >65 at greater risk for previous episodes of falling
- Ongoing



# Our goals within EIP AHA



- To experiment ICT based tools for improving services and reducing costs
- To enhance self management support
- To experiment tools for targeting population and move towards a more effective population health management system
- **To experiment innovative solutions for promoting active and healthy ageing**



# Funding instruments



- Horizon 2020, AAL
- Structural Funds (POR FESR)
- National resources supporting ICT for chronic care (PON GOV)
- CCM Program: call 2017 (Topic: active ageing), only public bodies (now open)
- Regional resources
- Other...

# Good ideas WANTED!!



*While ICT applications for targeting population, supporting self management and improving chronic conditions management are quite well known, there is a strong need for innovative ideas about ICT based solutions for supporting active and healthy ageing.*





A close-up photograph of an elderly couple smiling warmly. The woman, on the left, has short blonde hair and is wearing a light-colored top. The man, on the right, has short grey hair and is wearing a light blue shirt. They are both looking towards the camera with bright, genuine smiles. The background is a soft, out-of-focus light blue.

# Thank you!

[https://ec.europa.eu/eip/ageing/home\\_en](https://ec.europa.eu/eip/ageing/home_en)