



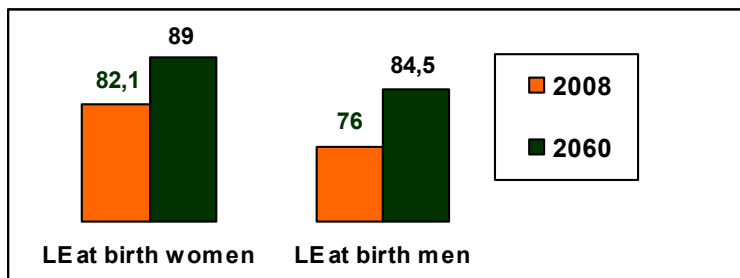
European Innovation Partnership (EIP)

Active and Healthy Ageing

Espen Dennis Kristoffersen, European Commission, Digital Social Platforms (H2)

The number of Europeans over 65 will double in the next 50 years, the number of over 80's will almost triple (double by 2025)

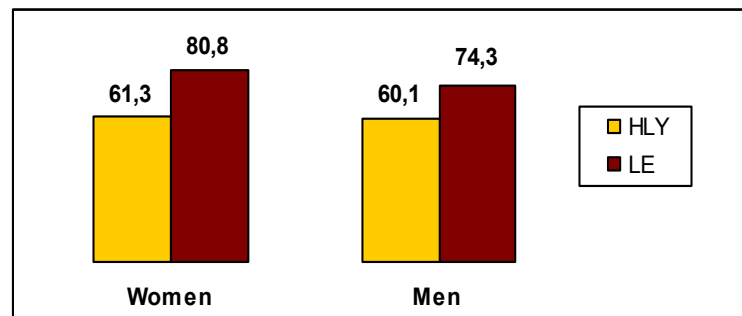
Life Expectancy (LE) 2008-2060



Life expectancy will continue to increase...

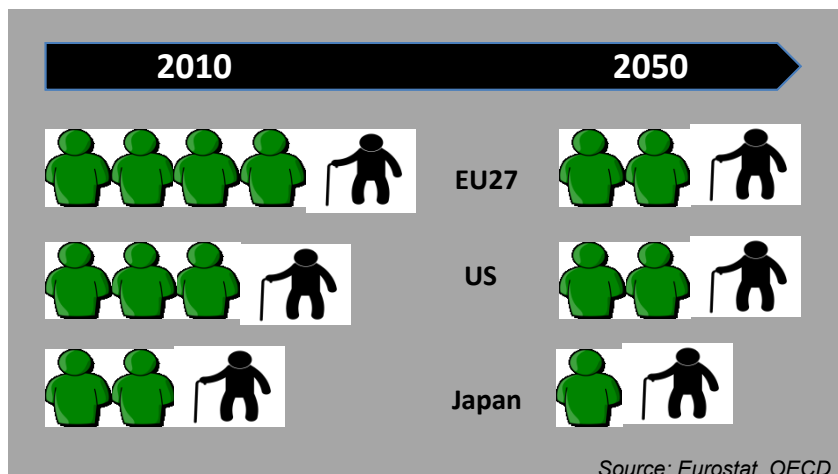
...yet **unhealthy life years** make up around 20% of a person's life.

Life Expectancy vs. Healthy Life Years (2010)



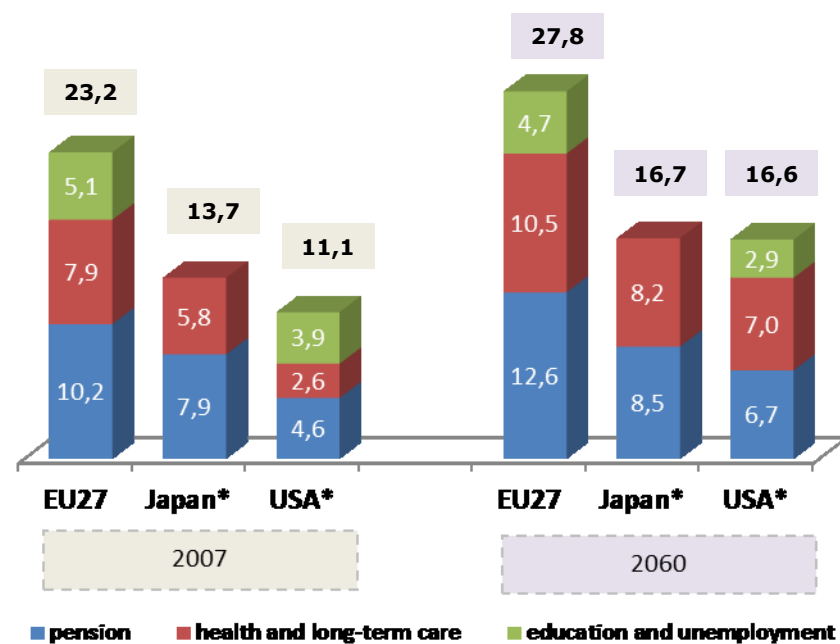
Ageing – a global challenge

Age dependency ratio



Number of working age population for one older person (+65)

Age-related total spending in % of GDP





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but it also gives opportunities...

"Just because I'm over 60 nobody wants to sell me anything anymore."

Germaine Greer



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The partnerships approach



The first attempt to bring together interested parties from public and private sectors to deliver innovative solutions for an ageing society



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A new way of working at EU level

Leveraging funding opportunities to stimulate investments in active and healthy ageing

Joining up forces and efforts to build critical mass and scale, and create synergies and links

Mobilising public and private partners in all MS, health providers, public authorities, SMEs, large industry, academia, civil society...

Promoting and supporting care innovations by mapping innovative models of excellence in integrated care proven successful and ready for scaling up

**collaborative
innovation**



Linking on-going innovative projects and initiatives ready for implementation and deployment



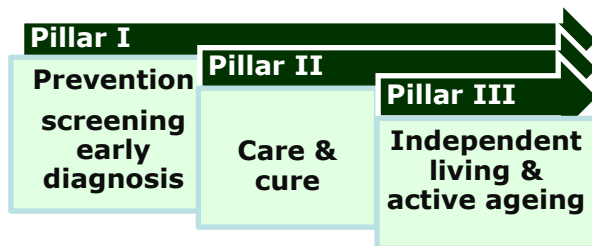
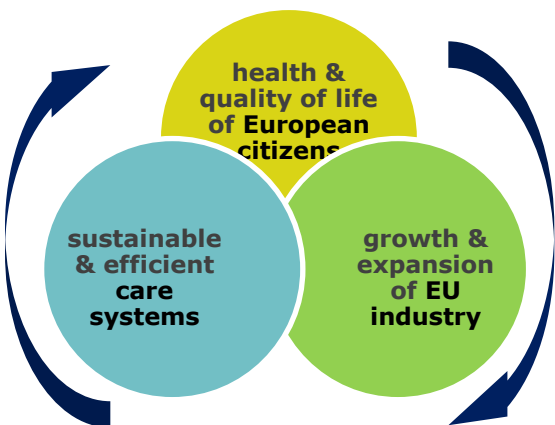
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Innovative collaboration



crosscutting, connecting & engaging stakeholders across sectors, from private & public sector

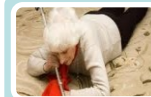
+2 HLY by 2020
Triple win for Europe



specific actions



Improving prescriptions and adherence to treatment



Better management of health: preventing falls



Preventing functional decline & frailty



Integrated care for chronic conditions, inc. telecare



ICT solutions for independent living & active ageing



Age-friendly cities and environments



Concrete examples of innovative services – many with innovative use of ICT.

With **proven added value** to **citizens** and **care systems** in EU regions.

With evidence of **contribution to growth** and **job creation** in their settings

With evidence of **transferability** from local to regional or national level.

The first signs that such innovations meet the ambitions of the **triple win** of the EIP-AHA:

- quality of life
- sustainable care
- economic growth

Reference Sites – showcasing impact on the ground

Transferability and replication

Basque Strategy for chronic conditions (ES)

Strategy focuses on a shift in the healthcare system, from a reactive model centered on acute medical care to a proactive model designed to prevent, care and cure on the basis of risk factors and patients specific needs. Covers all 860 000 chronic patients of the Region.

38 % reduction in hospitalization for complex patients and 26 % reduction in visits to emergency rooms

Telecare service handles more than 1000 enquires every month, where 30% are resolved from the patient's home. 27 000 people are currently using the service

National Telecare Development Programme (UK)

Had initially led to 44000 people receiving telecare service and the total number for Scotland is now 160 000, mostly people 65+. Aim to double coverage by end March 2015

Programme has resulted in an estimated gross value of efficiencies at £79 mill. in the period 2006-2011

National Risk Prediction Tool (SPARRA) covers 3 mill citizens, 100% of GP practices, 100 % of Health Boards. Before SPARRA there was no tool to identify those in risk of emergency hospitalization.

Andalusian e-Health Strategy (ES)

Coordination of their health and social carers through electronic integration of health information. Available to entire population and includes all professionals involved in public healthcare and all pharmacies in the region. The Diraya system unifies in one single electronic health record the health info on each patient, the electronic prescription, telemedicine services and mobile health applications.



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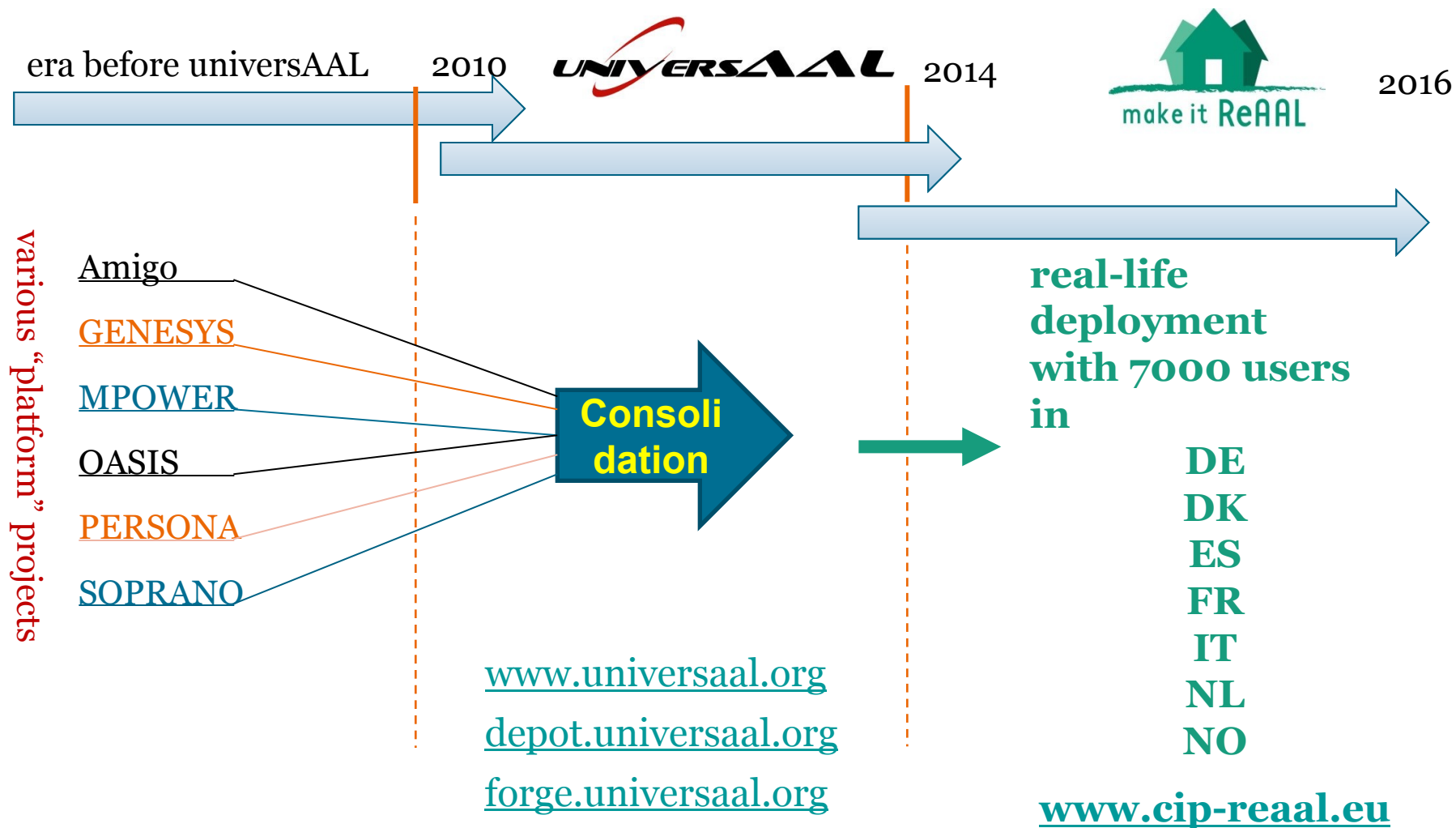
Falls: what is the issue?

- **1:3 people** > 65 years & **1:2 people** > 80 years **fall each year**
 - > 50% Fear falling, depression, isolation, dependence, loss of mobility ...
- leading cause injury deaths
- within one year **frequent fallers** are in hospital, full time care or deceased
- **more bed days** than heart attack, heart failure & stroke combined
- **0.85-1.5%** national health care expenditure EU
- Adequate **prevention & management**
 - > reduce costs
 - > saves resources
 - > increases independence & QoL



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Journey to Establish de facto Interoperability Standards by 2016





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ReAAL Promise...

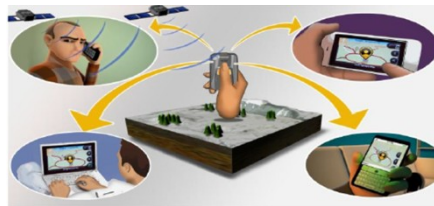
- **Promote standards, guidelines and open platforms for interoperable solutions in the domain of AAL and active and independent living**
- **Demonstrate by 2015 an ICT ecosystem that uses them in pilot sites involving at least 7000 users in at least five countries with a “critical mass” approach**



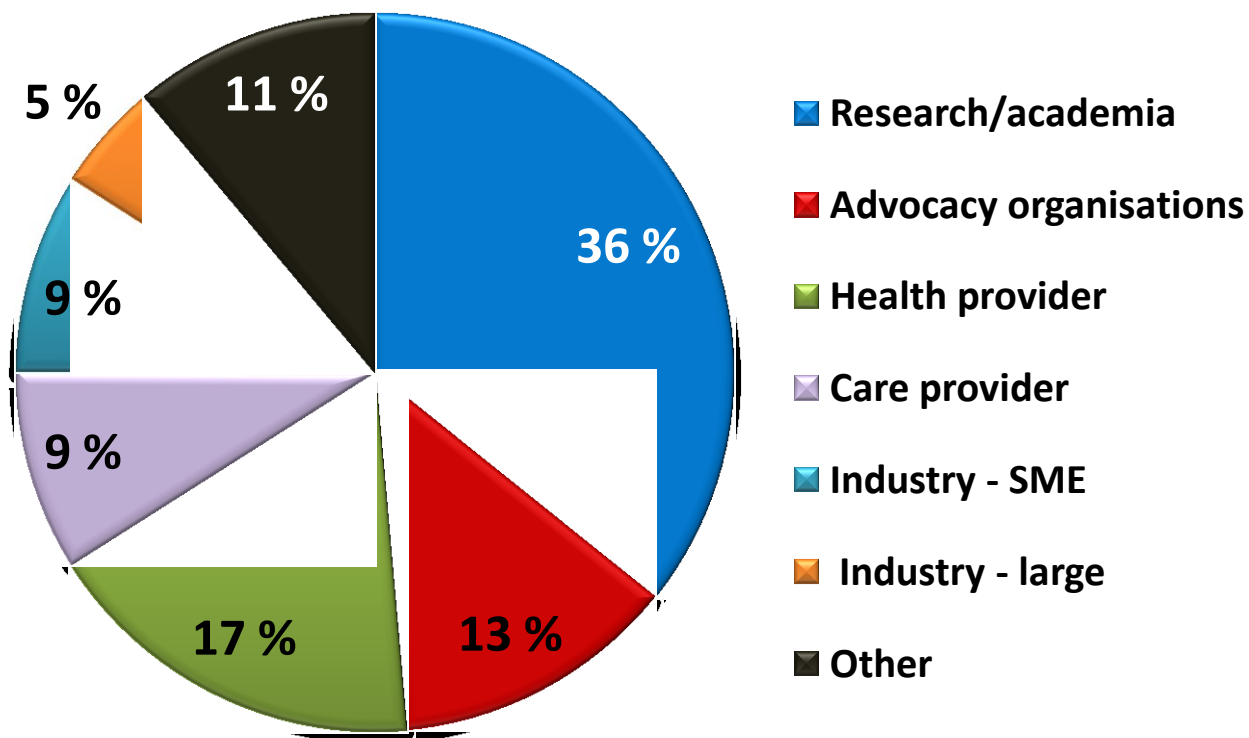
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Pilot Site Bærum municipality, Norway

- 300 users at their own home and public service homes.
- Users differ from: Chronically ill patients, dependent older people, patients impaired by dementia and employees
- Partners: Dignio, Imatis, Moreto, Safemate
- 4 different applications to be deployed:
 - Mobile safety alarm (100 users)
 - GPS tracking for patients impaired by dementia (30 users)
 - Safety at home – sensors, devices and alarms to increase safety at home (100 – 150 users)
 - Electronic locks to minimize driving and spilling of time handling keys (50 users)



Participation in the EIP



Public authorities (local, reg., nat.) involved in 170 commitments, SMEs in 130, large industry in 89, health care providers in 271



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Building up the EIP scale and critical mass

**1,000 regions &
municipalities**

**> 500
commitments in
six Action Groups**

**1 billion euro
committed by
partners**

**3,000 partners & 300
leading organisations**

**30 mio citizens,
>2 mio patients
involved**

**32 regions as Reference
sites of Innovative
Practices**

**Marketplace
>100,000 visits >880
registered users**



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Funding

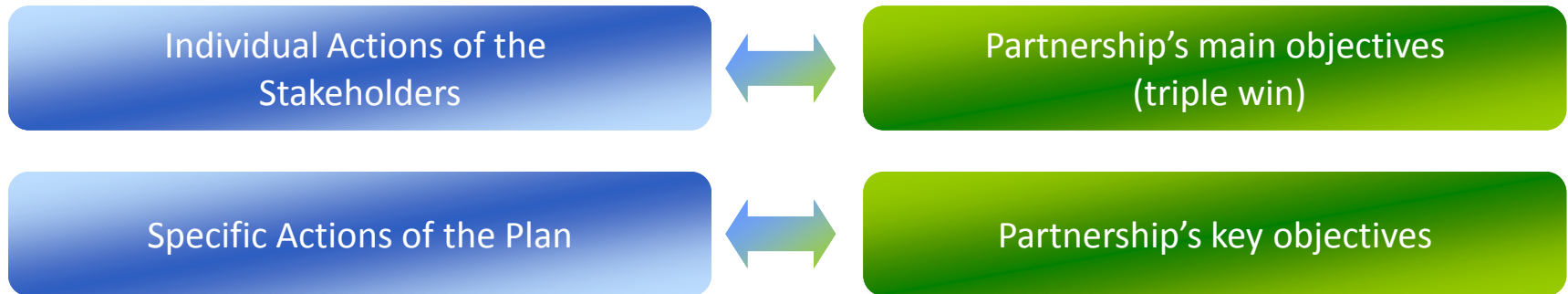
- **Not a funding program, but a strategic instrument**
- **Searching synergies with other programs and to focus existing financial mechanisms**
 - **Horizon 2020**
 - **ALL**
 - **Regional Fund**
 - **...**



Monitoring and Evaluation

➤ The Commission and JRC develop a monitoring and assessment framework, which will facilitate:

- The establishment of casual links
- The measurement of impacts between:





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3 ways to commit

1) Action Groups (2 rounds of invitation to commit))

... to be an active partner in the implementation of one or more Specific Actions

2) Reference Sites (invitation to become candidate)

... European locations implementing a substantial number of the Specific Actions in an integrated way

3) Marketplace for innovative ideas

... for those interested, to find partners, build networks, develop a Commitment, want to be up to date with initiatives and events, share innovative ideas and expertise (also with wider public through social media).



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Further Information

Active and Healthy Ageing Partnership
<http://ec.europa.eu/active-healthy-ageing>

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