EIP on Active and Healthy Ageing

and EU R&D support directed to ICT & Ageing Well
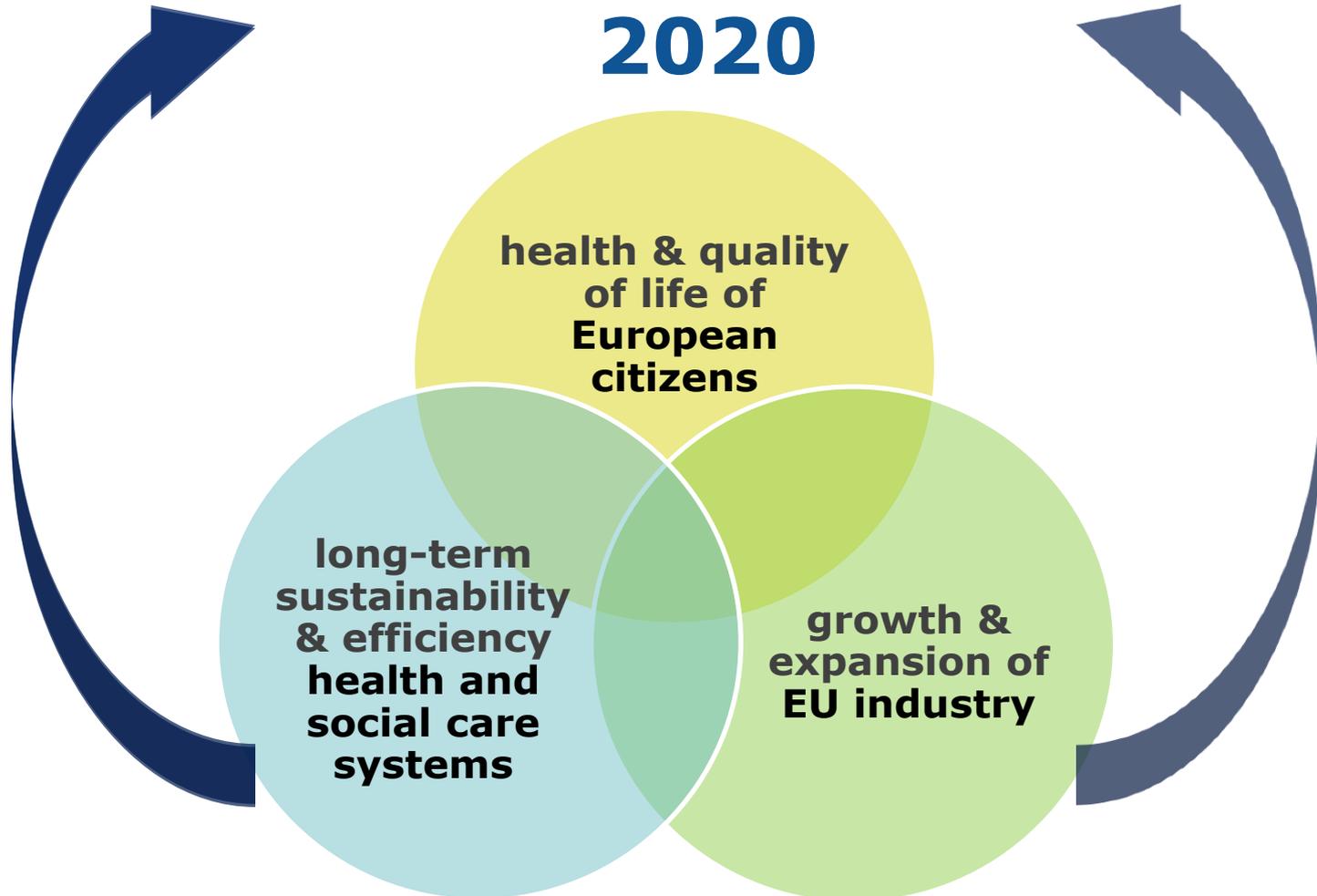
**Clustering Event Ambient Intelligence Advanced Technologies in Support
of Healthcare and Assisted Living
26th – 27th September 2013**

DG Communications Networks, Content and Technology,
European Commission

EIP on Active & Healthy Ageing

European Commission

+ 2 Healthy Life Years by 2020

health & quality of life of **European citizens**

long-term sustainability & efficiency **health and social care systems**

growth & expansion of **EU industry**

From challenge to opportunity

European Commission

Social Necessity

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

Cost of Care
- Up by 4-8 % of GDP by 2025

Human Resources
- Shrinking work force
- Lacking 20 million carers by 2020

Major Opportunity

Empowerment
- Active Ageing

New Care Models
- Integrated care
- Large Efficiency gains

Growth and Markets
- 3000 B€ Wealth
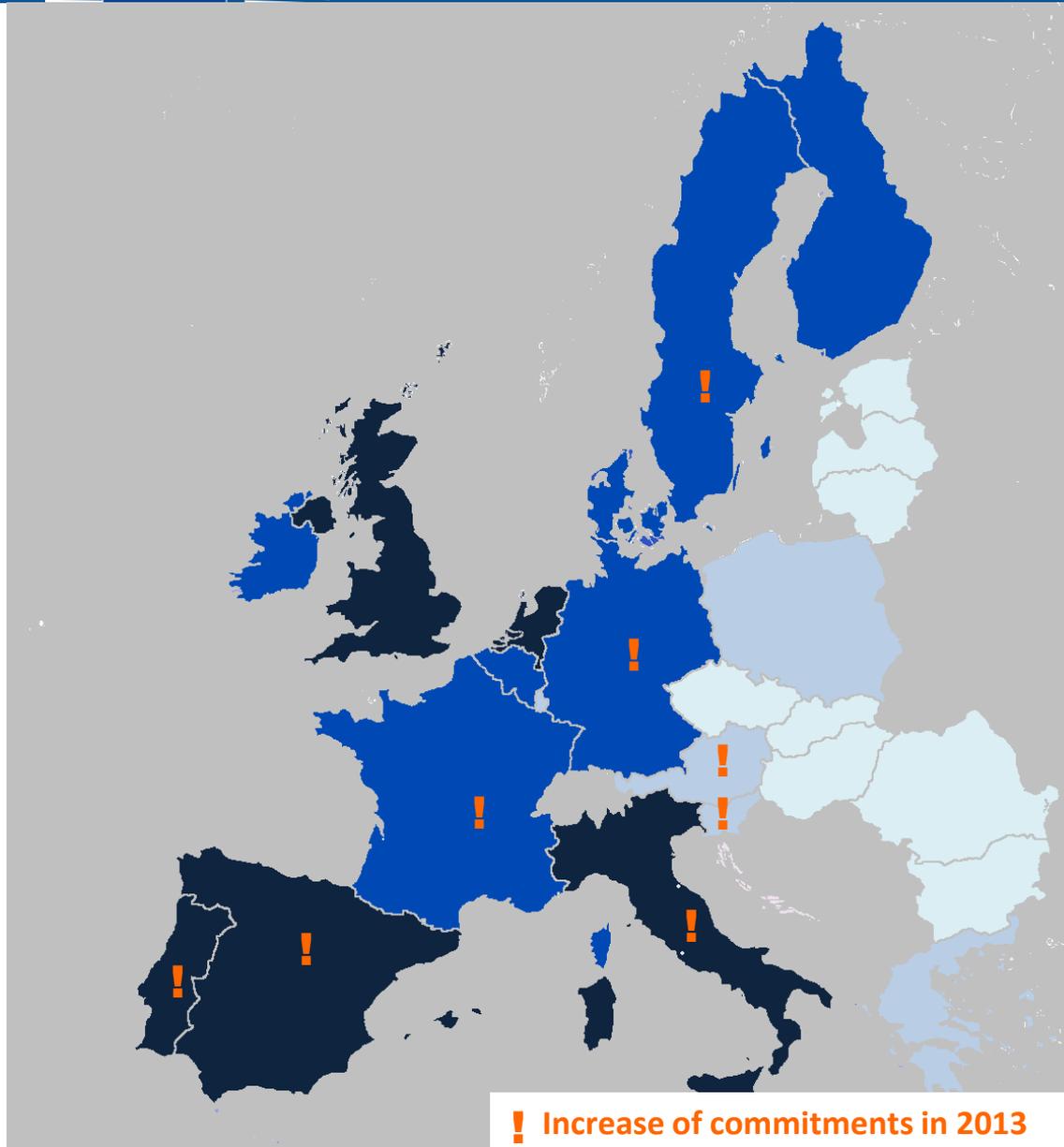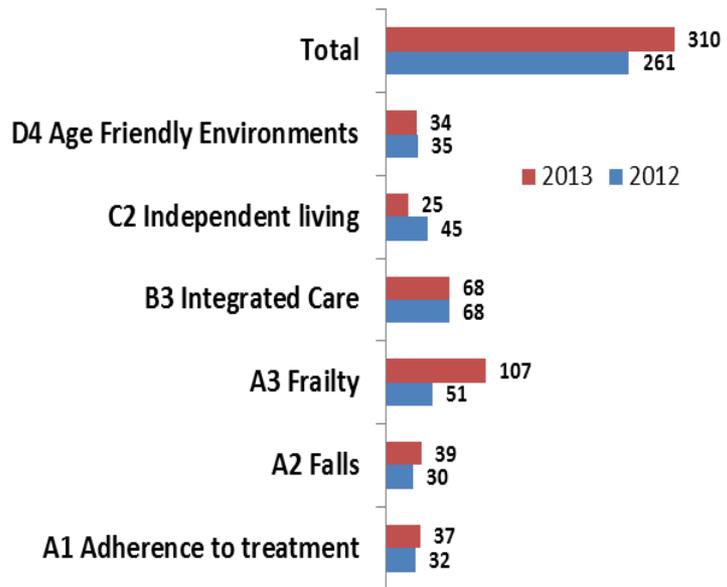- 85 Million Consumers and growing

6 Specific actions

European Commission

1 — Better adherence to medical treatment

2 — Prevention of falls

3 — Prevention of functional decline and frailty

4 — Integrated care models

5 — Independent living and active ageing

6 — Age-friendly buildings, cities and environments

Stakeholder commitments

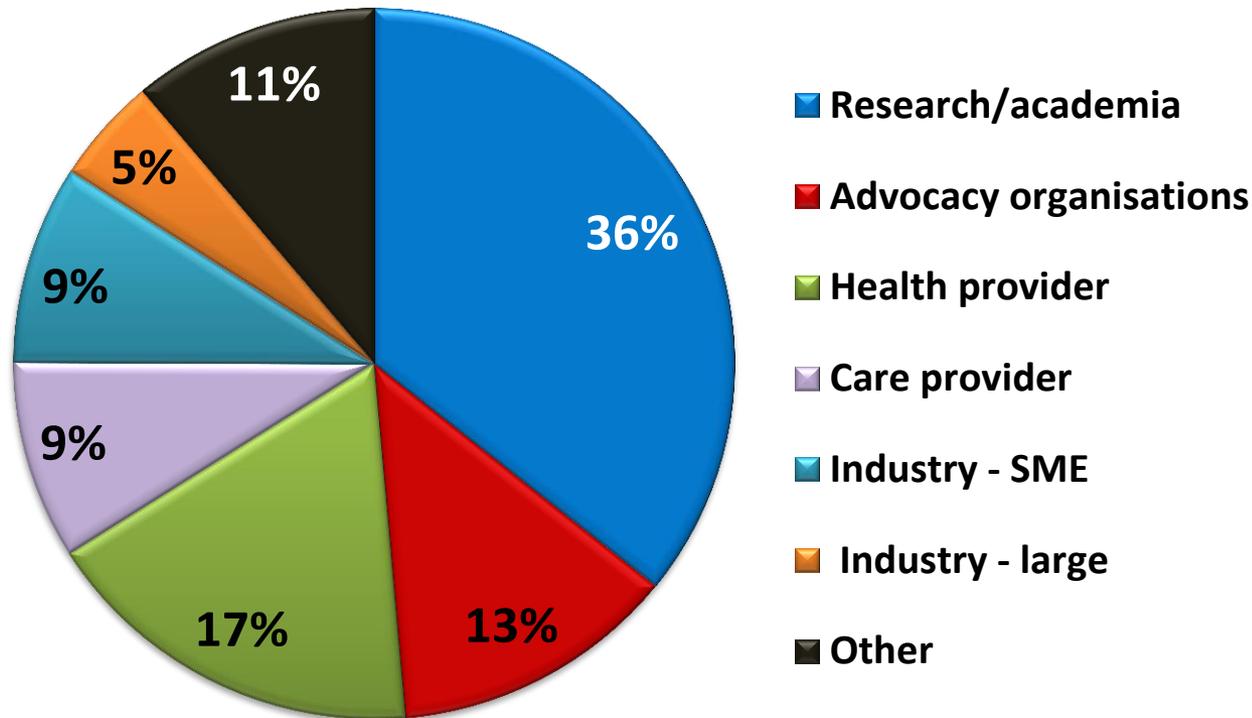| Category	2013	2012
Total	310	261
D4 Age Friendly Environments	34	35
C2 Independent living	25	45
B3 Integrated Care	68	68
A3 Frailty	107	51
A2 Falls	39	30
A1 Adherence to treatment	37	32

❗ **Increase of commitments in 2013**

Reference Sites

Current state of Play of the EIP on AHA
After 2 invitations for commitment and Refererence Site Awards

- **500 commitments (310 in 2nd round)**

- **300 leading organisations**

- **1000 regions & municipalities (from all 27 Member States)**

- **30 million citizens & 2 million of patients involved**

- **Marketplace more than 30000 visits and more than 650 registered users**

- **1 billion euro mobilised**

- **32 innovative good practices (reference sites)**

Participation in the EIP

- ■ **Research/academia** — 36%
- ■ **Advocacy organisations** — 13%
- ■ **Health provider** — 17%
- ■ **Care provider** — 9%
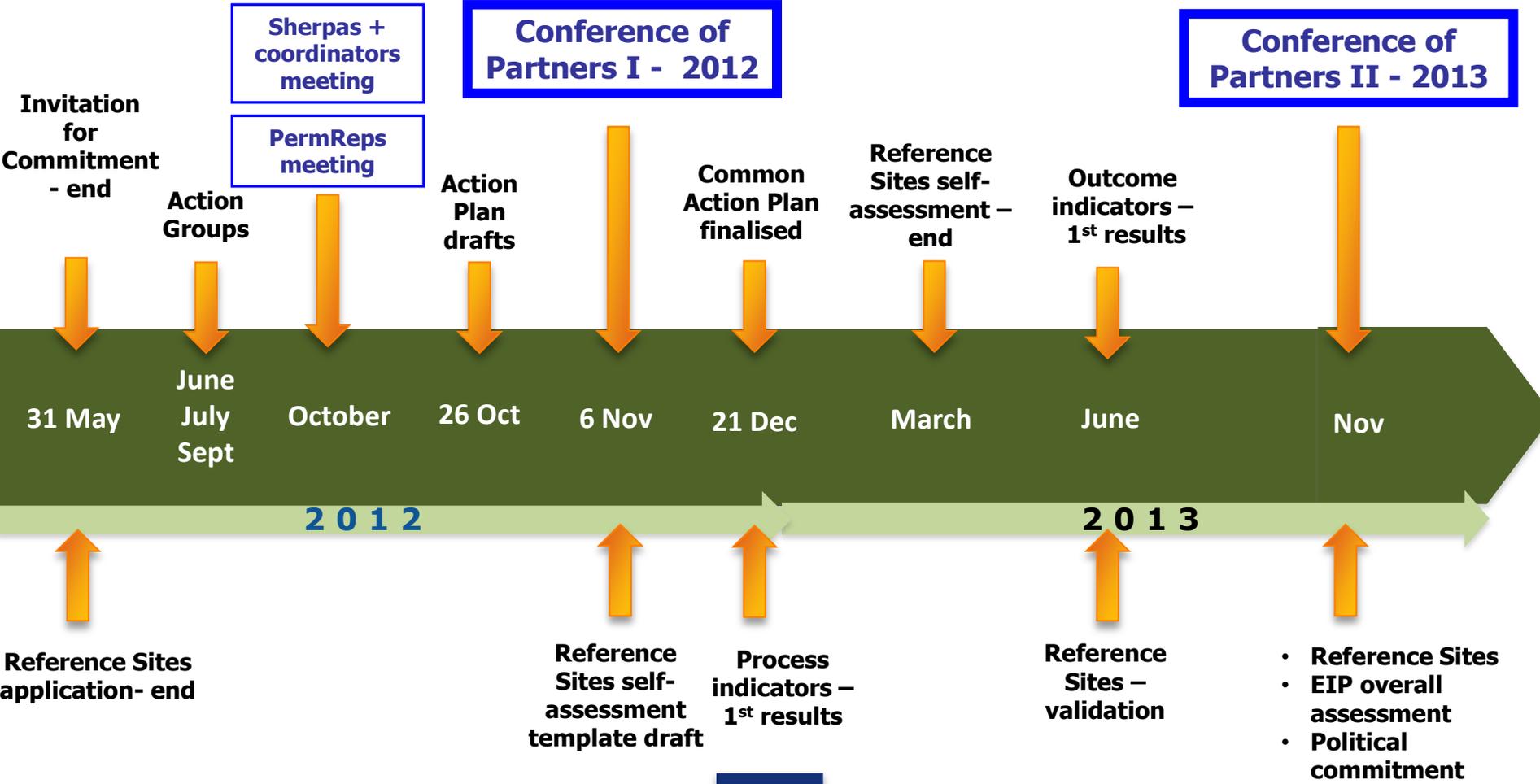- ■ **Industry - SME** — 9%
- ■ **Industry - large** — 5%
- ■ **Other** — 11%

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

European Commission

Milestones

Sherpas + coordinators meeting

Conference of Partners I - 2012

Conference of Partners II - 2013

Invitation for Commitment - end

PermReps meeting

Action Groups

Action Plan drafts

Common Action Plan finalised

Reference Sites self-assessment – end

Outcome indicators – 1st results

31 May	June July Sept	October	26 Oct	6 Nov	21 Dec	March	June	Nov

2 0 1 2

2 0 1 3

Reference Sites application- end

Reference Sites self-assessment template draft

Process indicators – 1st results

Reference Sites – validation

- **Reference Sites**
- **EIP overall assessment**
- **Political commitment**

EU R&D Support

Framework Programme 7 ICT Research

ICT & Ageing

- *Advanced Prototypes for independent living/active ageing*

- *Cognitive support*

- *Service and social robotics*

- *Smart environments for early intervention*

- *Open Systems, Reference Architectures, Platforms*

- *Support: roadmaps, ethics, standards, Int'l cooperation*

35 projects,
125 M€
funding

Applied research support

Ambient Assisted Living Joint Programme

- Between MS, with EC financial support
- Market-oriented ICT research in assisted
  living technologies and services
- 2-3 years to market
- Total budget +600 M€

- Chronic conditions
- Social Interaction
- Self-serve society
- Mobility
- Home Care
- Supporting Occupation in Life

Currently +60 projects, with 6th call deadline Jan 2013

EU Innovation Support

ICT Policy Support Programme / CIP

- Large scale pilots
- Assisted living using existing technology
- Focus on evidence, organisation change, business models
- Building on regional activities

14 pilots
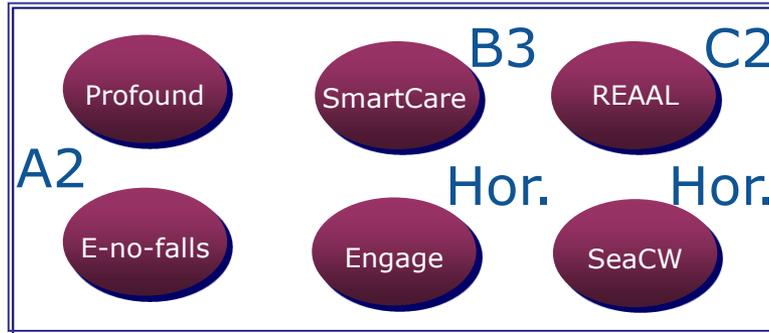+50 Regions
> 12.000 users

- Multiple Chronic diseases
- Cognitive impairment
- Integrated Care
- Fall prevention and detection
- Skills & carers

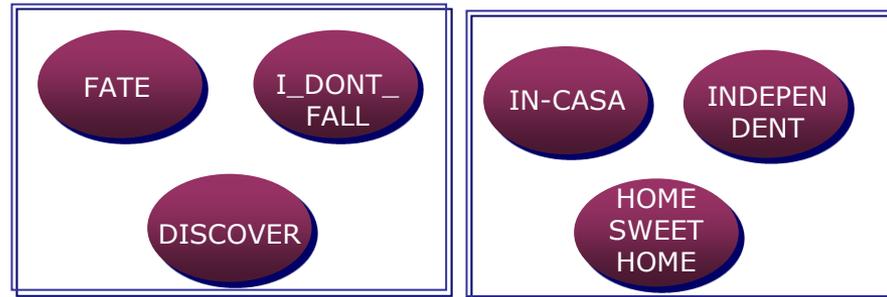Currently 20 projects, 69 M€ funding, last call out Jan 2013
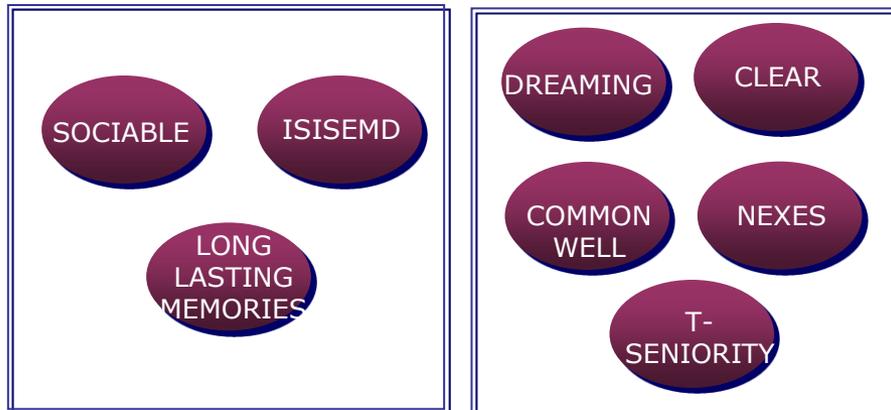
Deployment Projects

Support to EIP-AHA

A2
- Profound
- E-no-falls

B3
- SmartCare

Hor.
- Engage

C2
- REAAL

Hor.
- SeaCW

Independent Living with Fall prevention, detection & support

- FATE
- I_DONT_FALL
- DISCOVER

Integrated Care and Delivery for Independent Living

- IN-CASA
- INDEPENDENT
- HOME SWEET HOME

Independent Living with Cognitive Impairments

- SOCIABLE
- ISISEMD
- LONG LASTING MEMORIES

Independent Living with Multiple Chronic Conditions

- DREAMING
- CLEAR
- COMMON WELL
- NEXES
- T-SENIORITY

13

CIP call 6 objectives EIP AHA

3.1 Integrated care services

Care and cure

3.5 Telemedicine

3.3 Digital skills

Prevention and health promotion

3.6 Interoperability

3.2 Independent living

Independent living and social inclusion

3.4 Fall prevention

Framework Conditions / Communication and awareness

3.7 Community Building on EIP
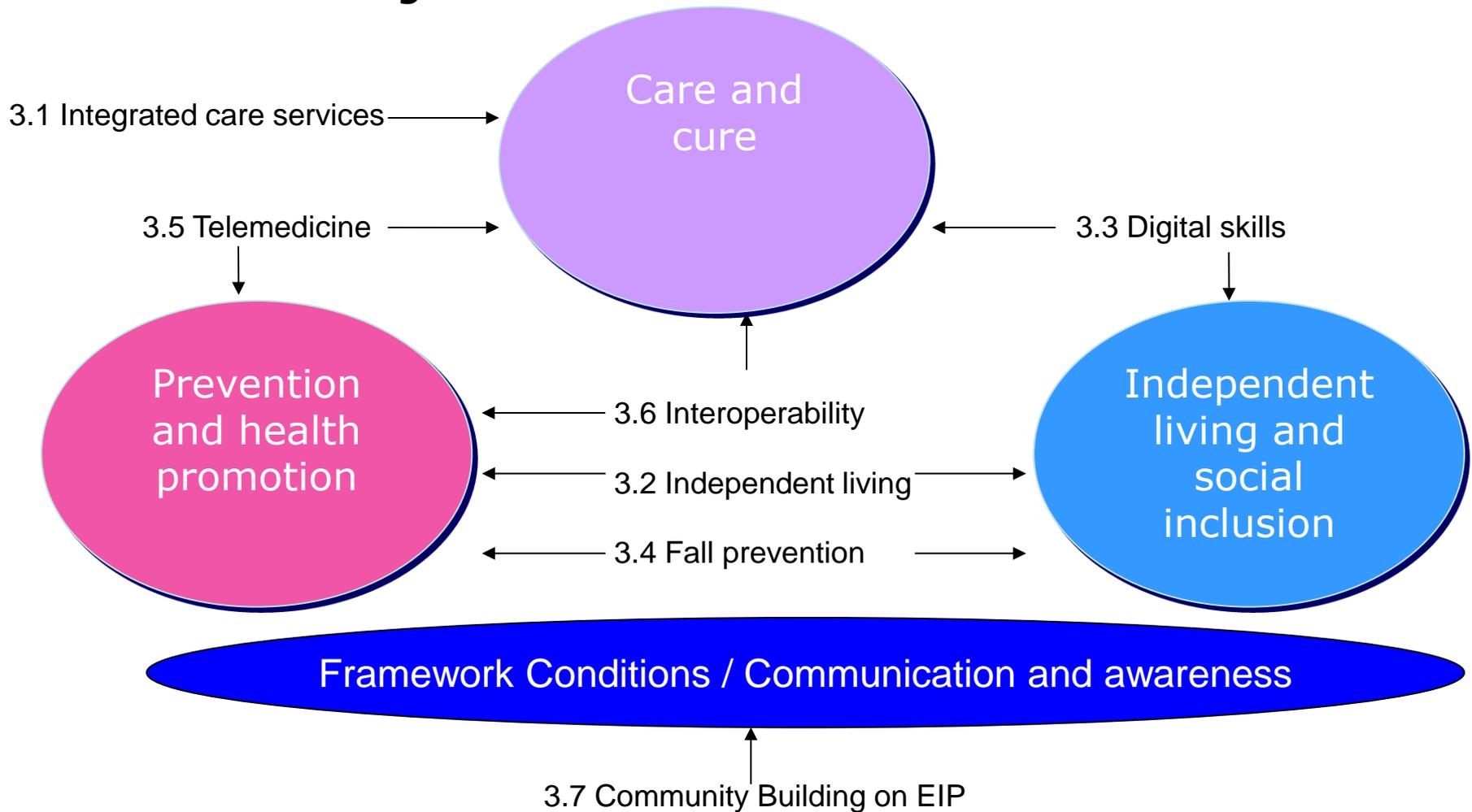
Looking Ahead to H2020

- Health, Demographic Ageing a key priority under Europe 2020 – European Innovation Partnership and H2020
- Longer term R&D
  - VPH (in-silico medicine)
  - Personalised health and well-being
  - Active and assisted living (including also people with disabilities)
  - + Int: Cooperation, roadmapping, standards
- Applied R&D/Innovation
  - AAL Joint Programme (+ follow-up)
  - Pre-commercial procurement
- Take-up/Deployment support
  - Integrated care, Independent living, Inclusion
  - Public Procurement of Innovation

- Implementation of actions under Active and Healthy Ageing Partnership (join up) November 2012 onwards

- ICT call currently open: Challenge 5: ICT for Health, Ageing Well, Inclusion and Governance (deadline 15 January 2013)

- Horizon 2020 preparation under way

- AAL JP V2 discussion starts

- Major opportunities in ICT for Health and Ageing Well