

European Policies in ICT for Ageing Well

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ICT and Demographic Ageing

Social necessity

- 80+ population doubles until 2050; 60+ from 20% (2000) to 29% (2025)
- 21% of 50+ population has severe vision/hearing/dexterity problems
- Today 4 working for 1 retired, in 2050 only 2 working for 1 retired
- Cost of pensions/health/long-term care go up by 4-8 % of GDP by 2025
- Shortfall of care staff,
(estimated need for 20 million informal carers by 2025, FEPEM)

Economic opportunity

- Empowering elderly persons to age actively
- Wealth and revenues in Europe of persons over 65 is over 3000 B€
- 85 million consumers in Europe over 65 today, 150 Million by 2050
- Large efficiency gains from ICT in care (25%)
- Telecare market >5 B€/year by 2015 in Europe



Reinforced Policy Context

Digital Agenda for Europe



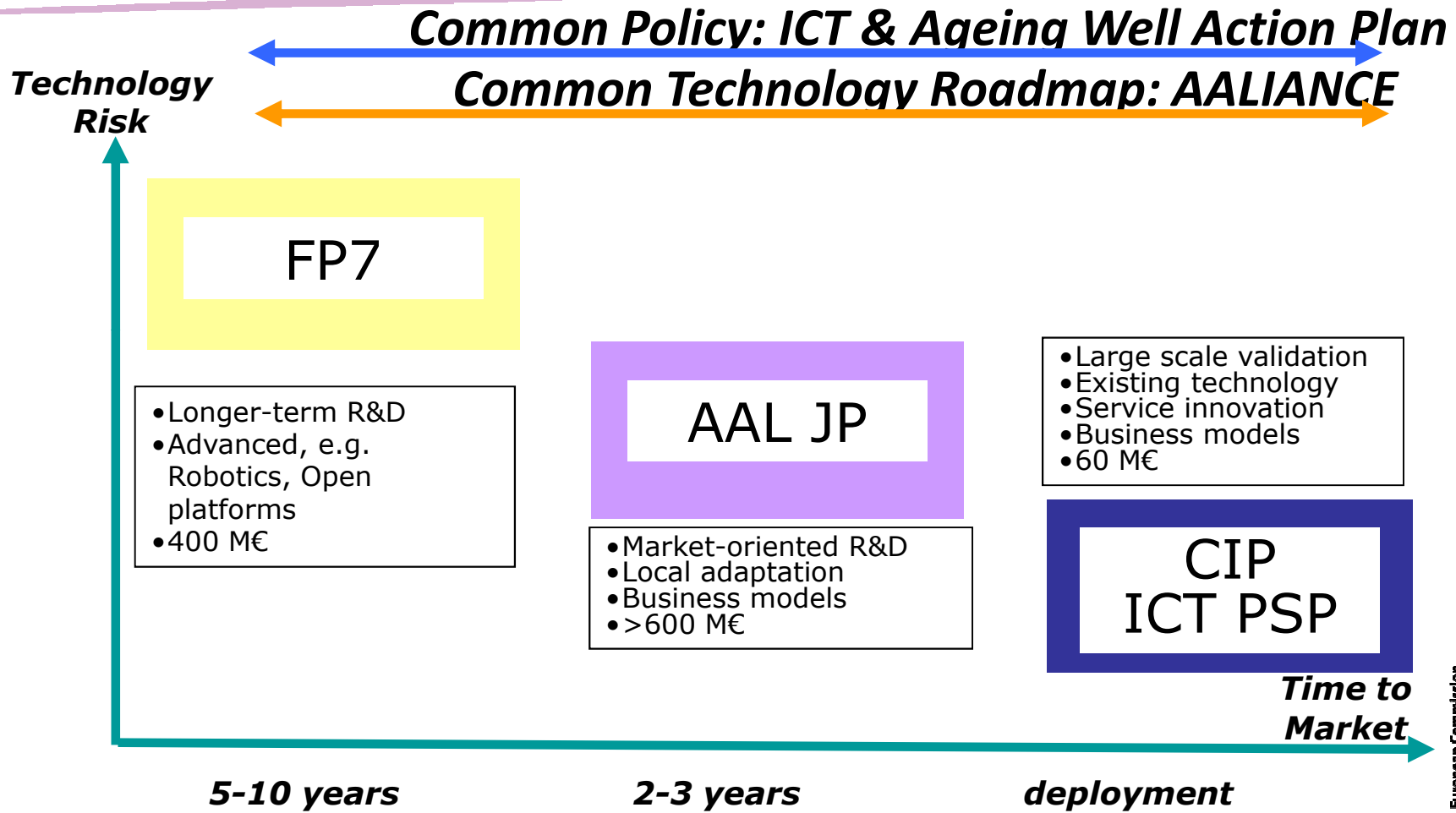
- Europe 2020 Strategy on smart and sustainable growth
- Innovation Partnership on Active and Healthy Ageing
- Action Plan on “Ageing Well in the Information Society”
- Support to Ambient Assisted Living Joint R&D Programme
- eHealth Action Plan

http://ec.europa.eu/information_society/digital-agenda/index_en.htm



ICT for Ageing Well

A Comprehensive EU Approach



European Commission
Information Society and Media

EU R&D Support

Framework Programme 7 ICT research

ICT & Ageing

- Advanced Prototypes for independent living/active ageing (Ambient Intelligence, Robotics)
- Open Systems, Reference Architectures, Platforms
- Support: roadmaps, ethics, standards, Int'l cooperation



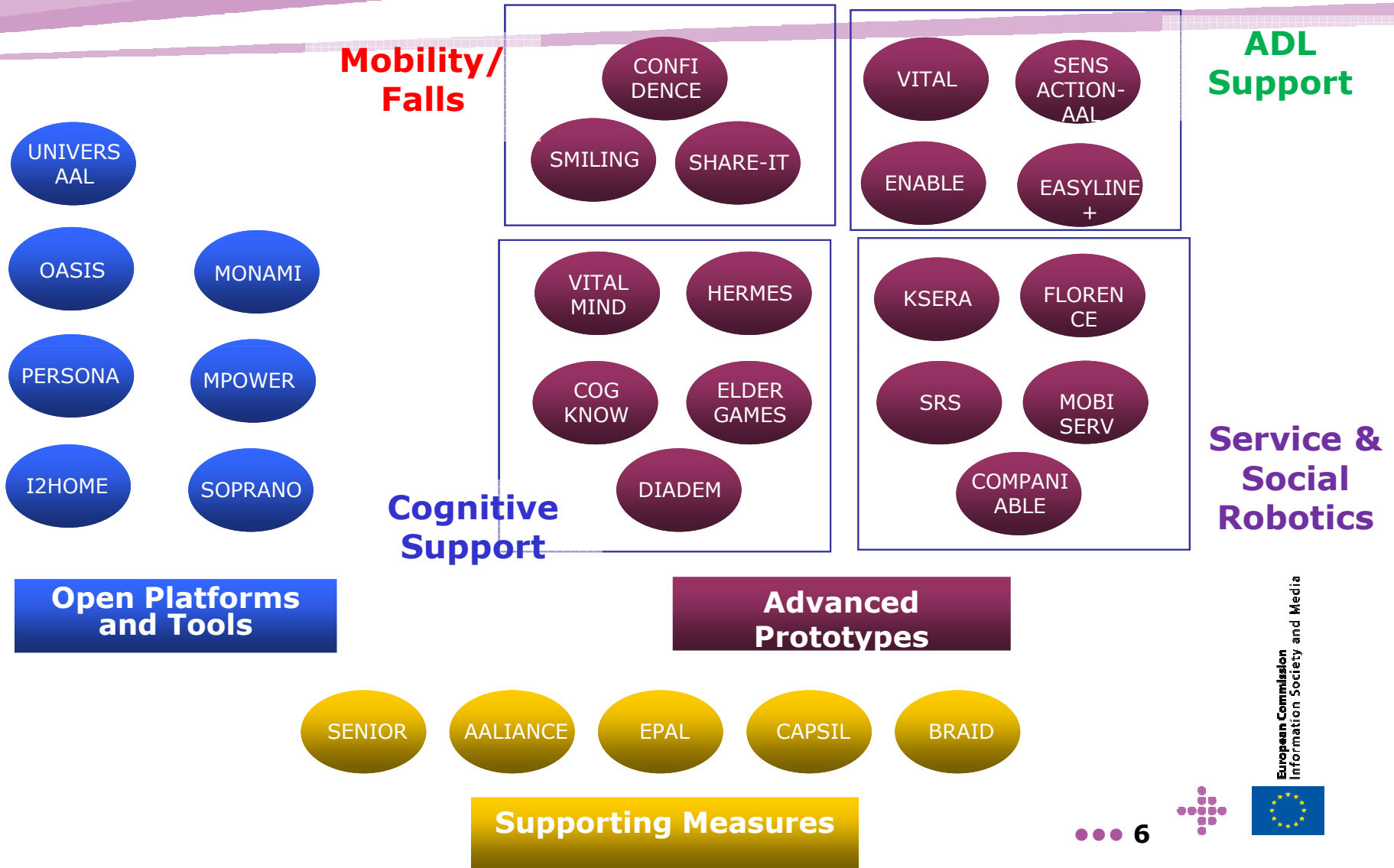
Currently ~30
projects,
250 M€ funding

eHealth

- Personal health systems monitoring;
- minimal invasive systems
- artificial organs



EC ICT & Ageing R&D Projects



FP7: Current Call topics on ICT & Ageing

- Recent Call for Proposals FP7 (September 2010)
 - Prevention and early intervention through unobtrusive long-term observations of daily behaviour
 - Robotics in smart environments for independent living, incl. Precommercial public procurement
- Roadmap on ICT for Ageing at Work
- Continuation of AALIANCE platform



EU Innovation Support ICT & Ageing



ICT Policy Support Programme Large deployment pilots

- Independent and healthy living
- Chronic disease monitoring
- Daily living assistance ... integrated health/social care
- User acceptance, common specs, cost-effective, interoperability
- Building on Regional activities

- *High visibility, market driven*
- *Overcoming fragmentation*
- *Enable scaling up, investment*
- *Value chain cooperation*
- *Regional/rural/urban renewal*

(+ pre-commercial procurement, Structural Funds)

15 M€ in 2007
10 M€ in 2008
7 M€ in 2009



ICT & Ageing Deployment Projects

Demand-side approach with critical mass

- **11 large deployment projects** launched; more than **10.000 users** involved
- More than **40 regions** participating with own investment
- **Key areas covered:** Independent living of elderly people with Multiple Chronic diseases (Call 1), Cognitive impairments (Call 2), Integrated care management (Call 3)

Expected Impacts

- **Proven functional specifications** for ICT & Ageing solutions
- **Substantial socio-economic evidence of impact** from ICT solutions for key Ageing related problems
- **Europe-wide replication** using public procurement and structural funds



ICT & Ageing Deployment Projects

Independent Living with Fall prevention, detection & support

Possible upcoming topic in next call

IN-CASA

INDEPENDENT

HOME SWEET HOME

Integrated Care and Delivery for Independent Living

Independent Living with Cognitive Impairments

SOCIABLE

ISISEMD

LONG LASTING MEMORIES

DREAMING

CLEAR

COMMON WELL

NEXES

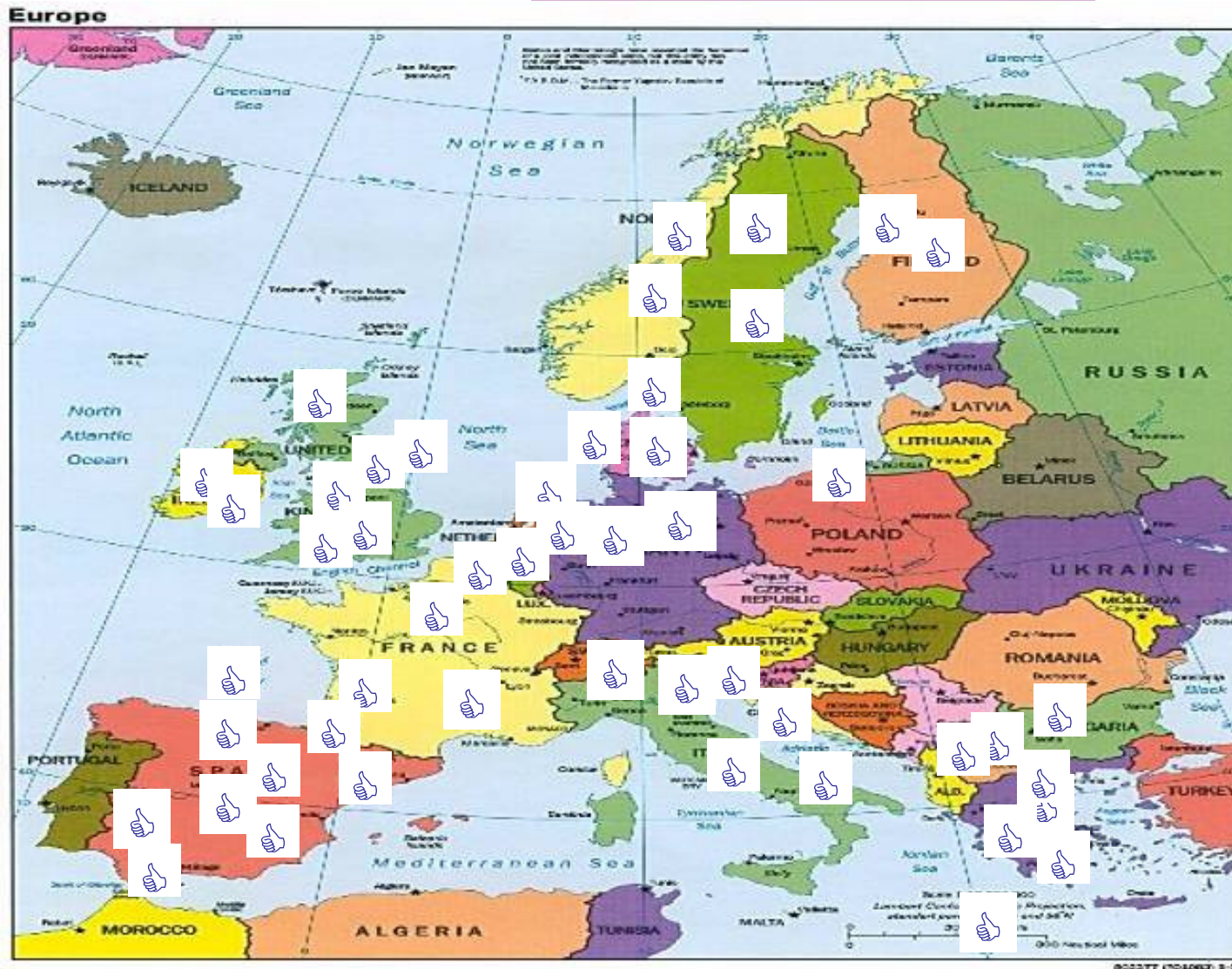
T- SENIORITY

Independent Living with Multiple Chronic Conditions

Deployment Initiatives



>40 Regions involved in ICT PSP Ageing Deployment Initiatives



Pilot EIP on Active and Healthy Ageing

MAIN AREAS:

- Addressing major age-prevalent chronic diseases
- Innovation in integrated care delivery systems
- Innovation in independent living and social inclusion



APPROACH:

- Combining demand and supply sides of innovation
- Building on existing instruments and new ones where necessary
- Ownership of key stakeholder willing to invest
- High-level political commitment
- Very large-scale deployment
- Awareness and best-practice sharing across Europe

<http://ec.europa.eu/active-healthy-ageing>





EIP AHA
Objectives and headline target

Headline target by 2020

- **Increasing** the number of **healthy life years (HLYs) by 2** in the EU on average

A triple win for Europe

- Enabling EU citizens to **lead healthy, active and independent lives until old age**
- Improving the sustainability and efficiency of **social and health care systems**
- Developing and deploying **innovative solutions**, thus fostering **competitiveness** and market growth



AHAIP – what?

Main areas of work

Innovation in
Integrated
Care

Innovation in
Prevention
and
Personalised
Medicine

Innovation in
Active and
Independent
Living

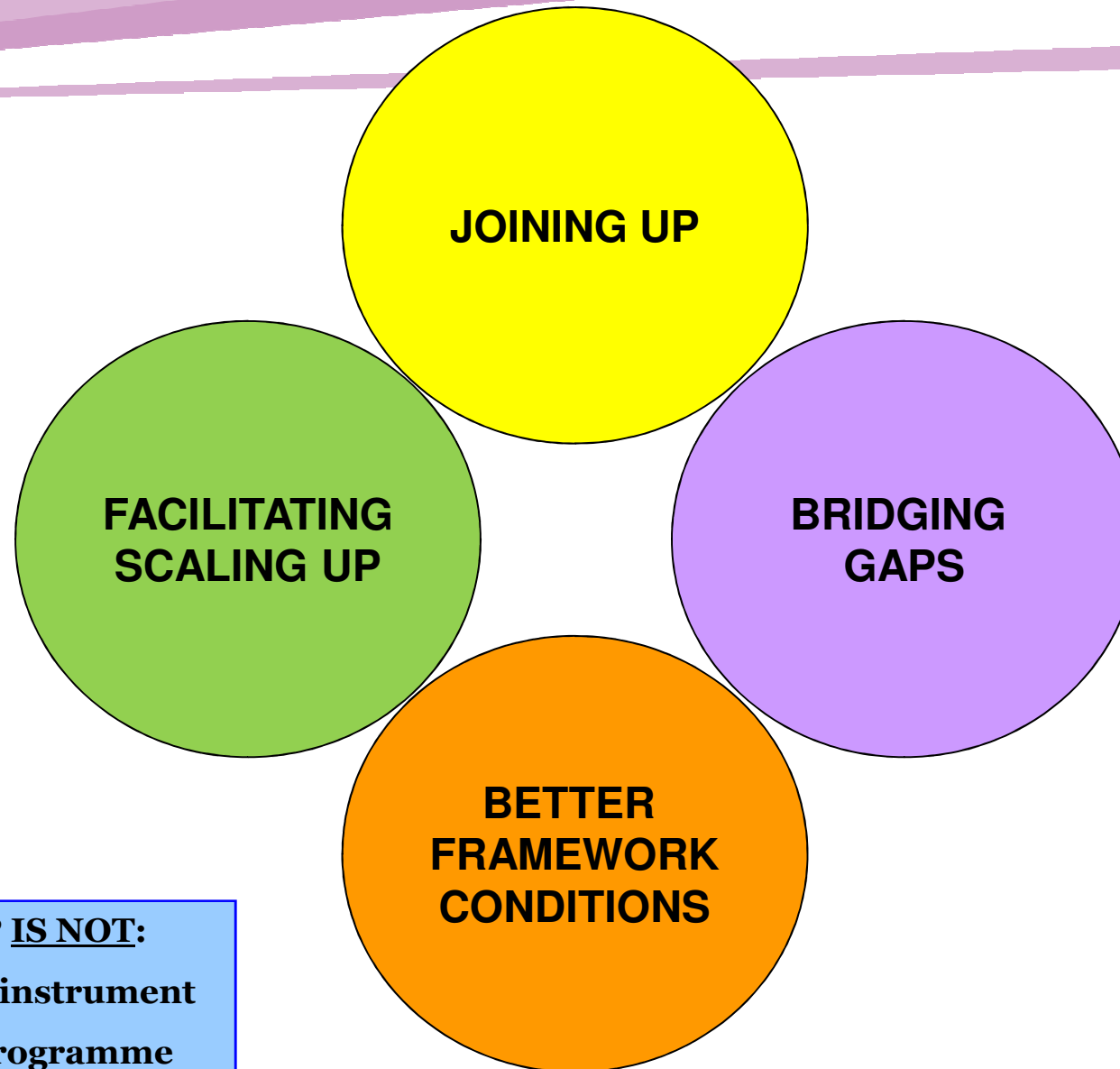
Communication and Awareness



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What the EIP can do



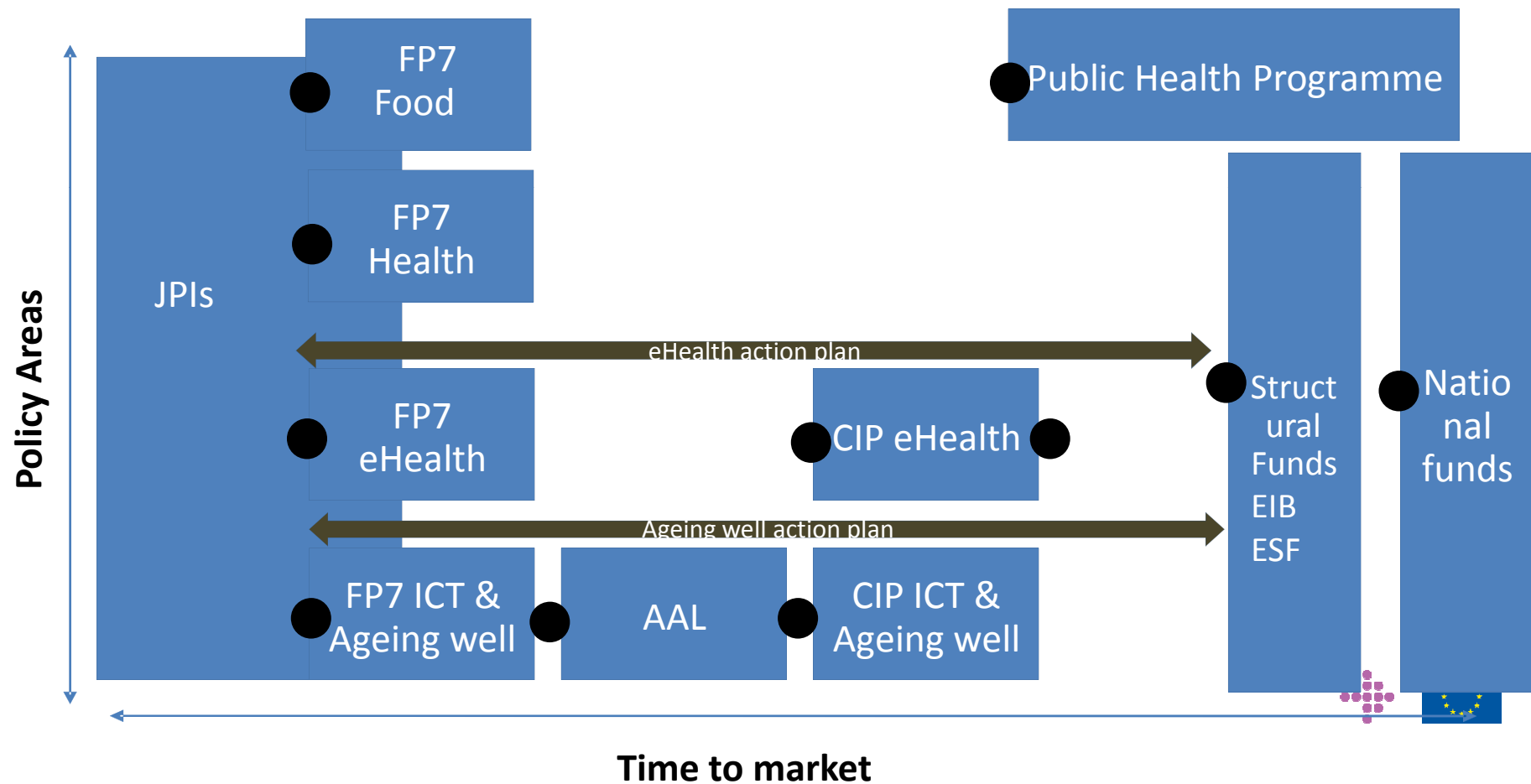
What the EIP IS NOT:

- a new funding instrument
- a new R&D programme



EIP AHA in relation to programmes

Joining up / Bridging gaps / Scaling up / Framework conditions



Milestones

- 11 Nov 2010 EP resolution
- 26 Nov 2010 Competitiveness Council Conclusions
- 26 Nov 2010 Stakeholder event
- 26 Nov 2010 On-line public consultation
- 28 Jan 2011
- 4 Feb 2011 European Council Conclusions
- 9 Mar 2011 Competitiveness Council Conclusions on representation of the Council in the SG

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- 2 May 2011 **Steering group 1st meeting**
 - June 2011 **Workshops developing ideas**
 - Autumn 2011 **Strategic Implementation Plan**
Council/EP political endorsement – autumn 2011
 - End 2011 **Report** with work progress



Further Information

- EU ICT and Ageing Well Initiatives
<http://ec.europa.eu/einclusion>
- ICT Policy Support Programme
http://ec.europa.eu/information_society/activities/ict_psp/index_en.htm
- Ambient Assisted Living
Joint Programme
<http://www.aal-europe.eu/>
- Active and Healthy Ageing Partnership
<http://ec.europa.eu/active-healthy-ageing>
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