



Synergies and Complementarities with EU Research & Innovation Policy

Information Day - EIT 2014



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HORIZON 2020

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Why to make links with EU policy initiatives?



Legal requirements

EIT and the KICs are integral part of **Horizon 2020**

REGULATION (EU) No 1292/2013 – EIT Regulation

20.12.2013

EN

Official Journal of

(14) The KICs should seek synergies with relevant Union, national and regional initiatives.

DECISION No 1312/2013/EU - Strategic Innovation Agenda

Synergies and complementarities with other policy and funding initiatives

The inter-relationships between research, innovation and higher education are increasingly being Union initiatives and programmes. There is great potential for mutually reinforcing actions at E and regional level. At Union level, the strategic framework provided by Horizon 2020 - Programme for Research and Innovation (2014-2020) – will further ensure these synergies a

Selection criterion

entrepreneursnip.

top management
governance

10 points max

10

**1.2 ADDED-VALUE,
INNOVATIVENESS
AND SYNERGIES**

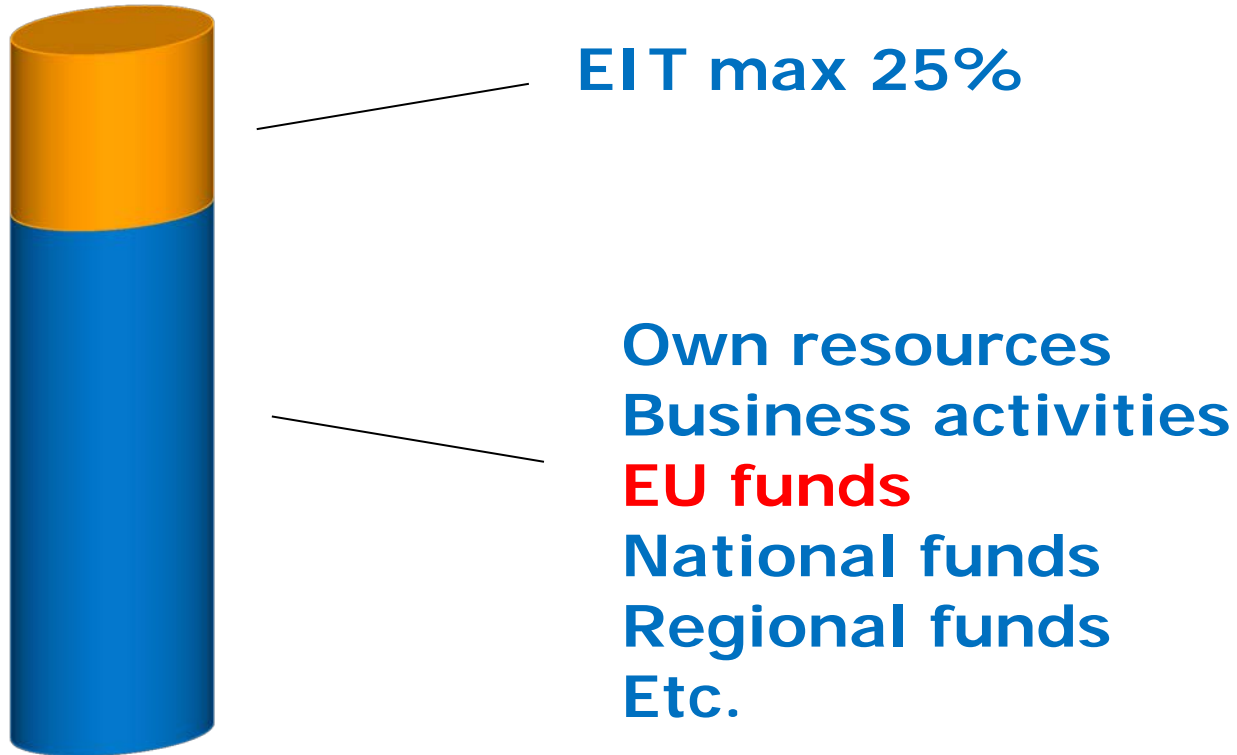
Novelty of the strategic market-oriented approach and competitive position; readiness to establish concrete synergies and complementarities with EU and other relevant global initiatives.

**2.2. LEAD
OPE**

Quality of the profiles and over all of the business plan. Effectiveness of the structure in terms of quality and activities (e.g. and innova

Financial interest

Total KIC funding



Horizon 2020



The EU's 2014-20 programme
for research & innovation

77 billion euros over 7 years

- Responding to the economic crisis to invest in future jobs and growth
- Addressing people's concerns about their livelihoods, safety and environment
- Strengthening the EU's global position in research, innovation and technology

Three priorities



Societal challenges

29 679 million EUR

1. Health, demographic change and wellbeing	7 472
2. Food security, sustainable agriculture and forestry, marine and maritime and inland water research and the Bioeconomy	3 851
3. Secure, clean and efficient energy	5 931
4. Smart, green and integrated transport	6 339
5. Climate action, environment, resource efficiency and raw materials	3 081
6. Inclusive, innovative and reflective societies	1 310
7. Secure societies	1 695

Health, demographic change & wellbeing

7 priority areas

- Understanding health, well-being & disease
- Preventing disease
- Treating and managing disease
- Active ageing and self-management of health
- Methods and data
- Health care provision & integrated care
- Specific implementation aspects (knowledge & tech transfer, large-scale piloting, standardisation...)

Health WP 2014-2015 Headlines

Personalising health & care

7 focus areas

- Understanding health, ageing & disease
- Effective health promotion, disease prevention, preparedness and screening
- Improving diagnosis
- Innovative treatments and technologies
- Advancing active and healthy ageing
- Integrated, sustainable, citizen-centred care
- Improving health information, data exploitation and providing an evidence base for health policies and regulation

Action types (funding instruments) - 1

- **Research & innovation actions:** research projects tackling clearly defined challenges, which can lead to the development of new knowledge or new technology – Consortia of partners from different countries, industry and academia
- **Innovation actions:** more focussed on closer to market activities (for example, prototyping testing, demonstrating, piloting, scaling-up etc), if they aim at producing new or improved products and services – Consortia of partners from different countries, industry and academia
- **Coordination and support actions:** coordination and networking of research and innovation projects, programmes ,and policies – Single entities or consortia of partners from different countries, industry and academia

Action types (funding instruments) - 2

- **SME instrument:** lump sums for feasibility studies, grants for an innovation project's main phase (demonstration, prototyping, testing, application development...); commercialisation phase supported indirectly via access to debt and equity financial instruments – Highly innovative SMEs, single or a consortium, established in EU or Associated Country
- **Fast track to innovation: pilot to start in 2015** – continuously open, innovator-driven calls – innovation projects addressing any technology or societal challenge field – Industry, including SMEs, minimum 3, maximum 5 partners, maximum € 3 million per project

Action types (funding instruments) - 3

Excellent science pillar

- **Frontier research grants – European Research Council:** principal investigator-driven research projects, awarded solely on the basis of scientific excellence, in any field of research – Young early career researchers, already independent researchers, senior research leaders – Any nationality
- **Training and career development – Marie Skłodowska-Curie Actions:** international research fellowships in the public or private sector, research training, staff exchanges – Early-stage or experienced researchers (any nationality), technical staff, national/regional research mobility programmes



Horizon 2020 'Health, demographic change and wellbeing'

HORIZON 2020

Work Programme



Active & Healthy Ageing

A European Innovation
Partnership



HORIZON 2020



Innovative Medicines Initiatives

- **IMI:** Largest public-private partnership in Europe to support precompetitive pharmaceutical R&I (>120 SMEs, 6000 researchers)
- **IMI2:** in the pipeline, more powerful research and innovation machine, with broader objectives and a wider range of activities and partners
- **Proposed budget:** €3.45 billion, equally shared between public and private partners
- **Key objectives:**
 - Pave the way for the breakthrough vaccines, medicines and treatments which we will need in the near future
 - Enable top quality research and innovations with great public health benefits and commercial possibilities



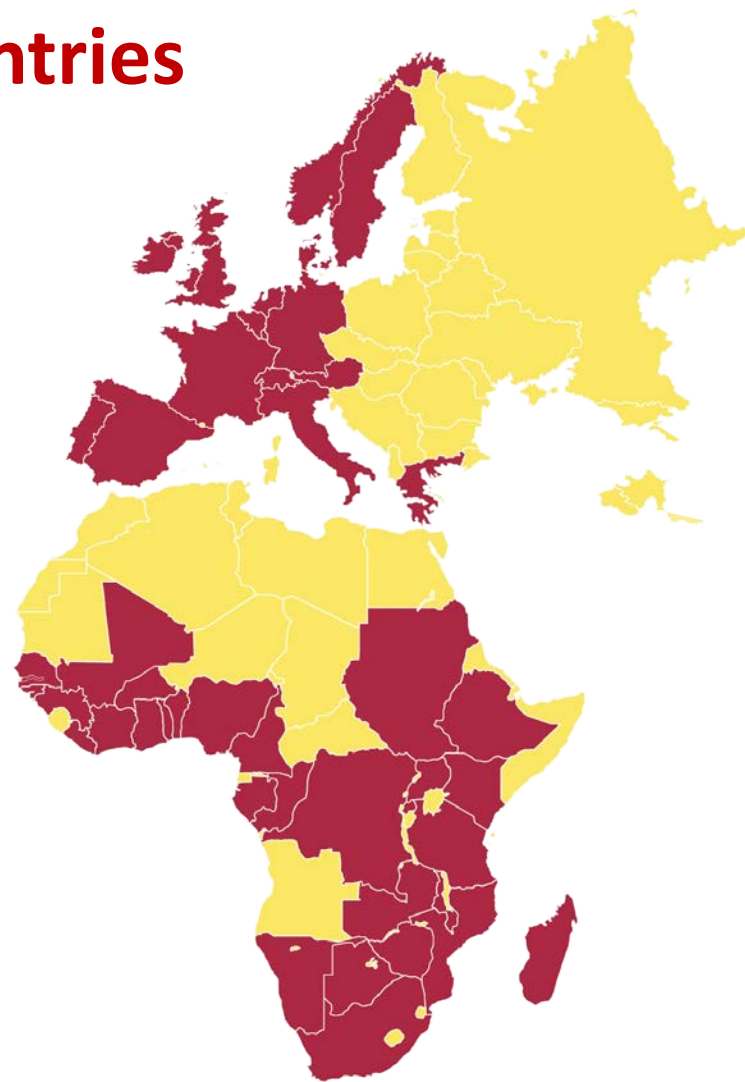
Active and Assisted Living Joint Programme

- Joint innovation programme between 20 European Countries and EU
- **AAL1:** more than 120 projects launched involving >400 SMEs (~50%)
- **AAL2:** Continuation of AAL1 with scope aligned to the EIP-AHA and with new innovation instruments, >400 M€ budget
- **Scope of AAL 2:** New ICT based products and services for active and healthy ageing based on user needs with a close to market perspective
- Complementing longer-term R&D and large scale innovation actions in H2020 SC1



European and Developing Countries Clinical Trials Partnership

- **EDCTP:** ongoing public-public partnership between the EC, the EU member states and sub-saharan African countries
- **Objective:** To undertake clinical trials for the main poverty related diseases of HIV/AIDS, malaria and tuberculosis.
- **EDCTP2:** in the pipeline, 14 European countries, 10 years, EC funding 683 million €, total ~1,4 billion €



Joint Programming Initiatives

To pool national R&I efforts to tackle common European challenges more effectively in a few key areas

- Alzheimer and other Neurodegenerative Diseases
- A Healthy Diet for a Healthy Life
- More Years, Better Lives - The Potential and Challenges of Demographic Change
- Antimicrobial Resistance- The Microbial Challenge - An Emerging Threat to Human Health



Conclusions

- **Strong potential for synergies**
- **KICs to be a catalyst of new ideas**
- **Need to ensure mutual complementarity**



Further information

- **H2020:**
<http://ec.europa.eu/research/participants/portal/desktop/en>
- **Work programmes/ calls 2014-2015:**
<http://ec.europa.eu/research/participants/portal/desktop/en>
- **EIP AHA:** <https://webgate.ec.europa.eu/eipaha/>
- **IMI:** <http://www.imi.europa.eu/>
- **AAL:** <http://www.aal-europe.eu/>
- **EDCTP:** <http://www.edctp.org/>
- **Joint Programming Initiatives:**
<http://www.neurodegenerationresearch.eu/>
<https://www.healthydietforhealthylife.eu/>
<http://www.jp-demographic.eu/>
<http://www.jpiamr.eu/>