EIT Health

Creating novel solutions that make healthy lives a reality for all

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The EIT’s first KICs

- **Climate-KIC**: addressing climate change mitigation and adaptation
- **KIC InnoEnergy**: addressing sustainable energy
- **EIT ICT Labs**: addressing information and communication technologies

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*EIT Health*
Europe is facing major challenges in providing high quality healthcare:

Key societal challenges:

- Demographic changes and increased number of chronically ill put pressure on healthcare demand and costs, expected to increase considerably as a % of GDP, in a time when EU is recovering from economic crisis
- Increased cost of new technologies and regulatory hurdles
- Rigidity of existing healthcare systems, already hard pressed after years of “cost-containment”

Ref: DG Santé Disruptive innovation – considerations for health and healthcare in Europé (feb 2016)
Adapting EU health policy to an evolving Europé; Final report of the Health Workign group, Spring 2015
Personalized Health: yearly cost

Annual cost

Function
EIT Health was created to facilitate the Paradigm Shift!

Profession-centric healthcare

Formal and institutional care

New technologies and healthcare providers

“I am entitled to health care”

“I am supported in managing my own health”
Societal challenge

Create strategies to change the mind set of all stakeholders towards engagement of the citizen

Take a life course perspective on health promotion and disease management

Promote health and wellbeing beyond care for individuals with frailty, disease or disability

Develop a region sensitive approach to empower citizens and reduce inequities in health and wellbeing

Innovation challenge

Understand market needs and act upon these

Create economic value, new business and businesses

Encourage entrepreneurial activites

Involve all stakeholders in all stages of innovation

Optimize return on investment in health care
Building on the knowledge triangle

EIT Health Innovation Projects
Participating in Innovation Projects as project partners, offering complementary capabilities such as test beds

EIT Health Accelerator
Business Plan competitions in each CLC/InnoStars, Business Creation services such as GoGlobal and Entrep. Lab for companies in expansion phase

EIT Health Campus
Individuals, young talents, health professionals, entrepreneurs should try to join programmes such as Summer School, Fellowship, etc.
Connecting high potential areas with an integrated innovation processes

**Challenge 1**
Promote Healthy Living

**Challenge 2**
Support Active Ageing

**Challenge 3**
Improve HealthCare

**CROSS CHALLENGES**

- A: Removing Barriers to Innovation
- B: Leveraging Talents & Education
- C: Leveraging Enabling Technologies and Exploiting Big Data

**IMPACT**

- Successful start-ups
  - Economics growth
  - Better trained personnel and new jobs
  - Globally competitive European industry
  - Fast market access and diffusion of innovative products and services

**STRATEGIC OUTCOMES**

- Better quality of life
  - Citizens enabled to take ownership of their health
  - Empowered citizens to take choices for longer active and social life
  - Improved patient pathways, cost-effectiveness, sustainability and quality of healthcare
  - Stronger innovation ecosystems at CLCs and the EIT Health InnoStars

**Projects Accelerator Campus**

- eit Health
Our focus areas cover the expert recommendations

Promote Healthy Living
- Self-management of health
- Lifestyle intervention

Support Active Ageing
- Workplace interventions
- Overcoming functional loss

Improve Healthcare
- Improving healthcare systems
- Treating and managing chronic diseases
Resolving the knowledge paradox

Innovation Value Chain

Knowledge / Science / R&D → Innovation → Demonstration Trials → Scale-up Facilitation → Market diffusion Ecosystem building → Products & Services for citizens & patients

Research input

Push

Newco / SME → Tech. Transfer

Education + co-creation

Innovation project

Newco

Viable products

Pull
„Bottom up and top down“ Innovation Projects

Projects by Ideas
“solution-driven”

- collaborative projects
- a potential solution has been identified that either capitalises on an opportunity or addresses a specific problem presented by demographic ageing of the population

Projects by Design
“needs-driven”

- start from a recognised market need or societal problem
- enable corporate and public non-academic partners to quickly initiate and execute activities
- aim at developing products and services hindered by specific innovation barriers
Education pillar: Focus on Needs & Opportunities

EIT Health CAMPUS develops top talents, leaders and citizens of tomorrow

GRADUATE HUB:
World-class knowledge: MSc, & Summer Schools & Sparks

EXECUTIVE & PROFESSIONAL HUB:
Entrepreneurial and innovation toolkits for enabling change

FLAGSHIP HUB:
Need-based and personalized learning: E-labs & Innovation Fellowships

DIGITAL HUB: including otherwise excluded learners

CITIZEN Programme: empower citizens by new formats such as Festivals
Accelerator Supply Chain: connecting the best in EU

Entrepreneurs & Academia
Pre-Seed Scouting (ACCELERATOR)
Innovation by Ideas (INNOVATION)
Summer Schools (CAMPUS)

Start-Ups & Scientists
Boot Camp
Local Training Network

Founders & SMEs
LivingLab & TestBed
Market Expert Network

Business Plan
Investors Network
GoGlobal Programs
Crowd Financing

Scale
A strong partnership for health across Europe
EIT-Health BeNe:

Achmea
Erasmus MC
KU Leuven
Philips
TU Eindhoven
U. Gent
Barco
GIMV
IMEC
iMinds
Leiden UMC
Leijden Academy
Maastricht UMC+
TNO
TU Delft
UMC Groningen

The Co-location BeNeLux comprises 16 highly committed core- and associate partners, connected to local and regional networks, SME’s and health care providers.
Creating impact – goals and figures

Creating 165 start-ups and launching another 160 new services and products

Having 1 million students taking part in educational online programmes per year

Incubate approximately 340 new business ideas

2016-18
A KIC must be borne from a strong desire to do things differently, (..) experiment at the boundaries of innovation!