



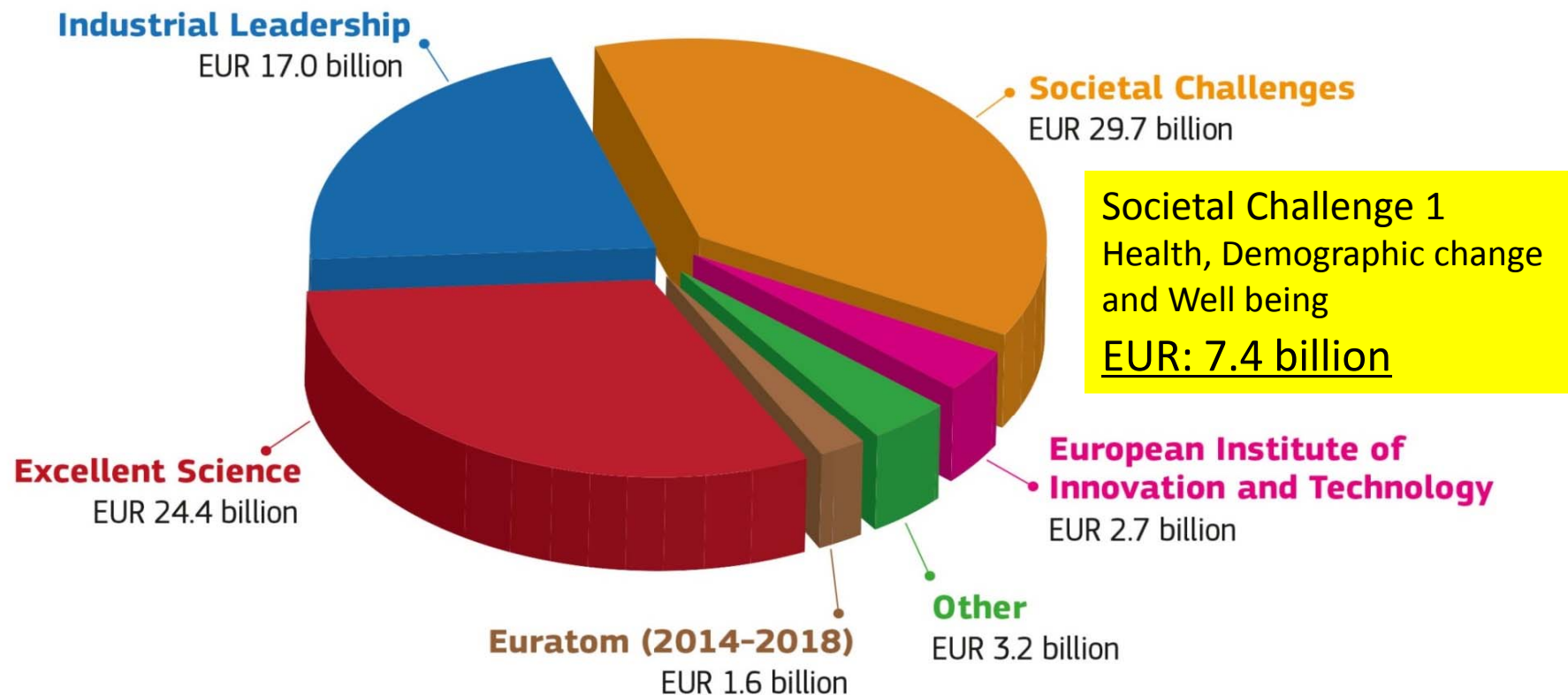
# Implementation research in Horizon 2020

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*Research and  
Innovation*



# Horizon 2020 (2014-2020): the EU framework programme for research and innovation with a total budget of €80 billion



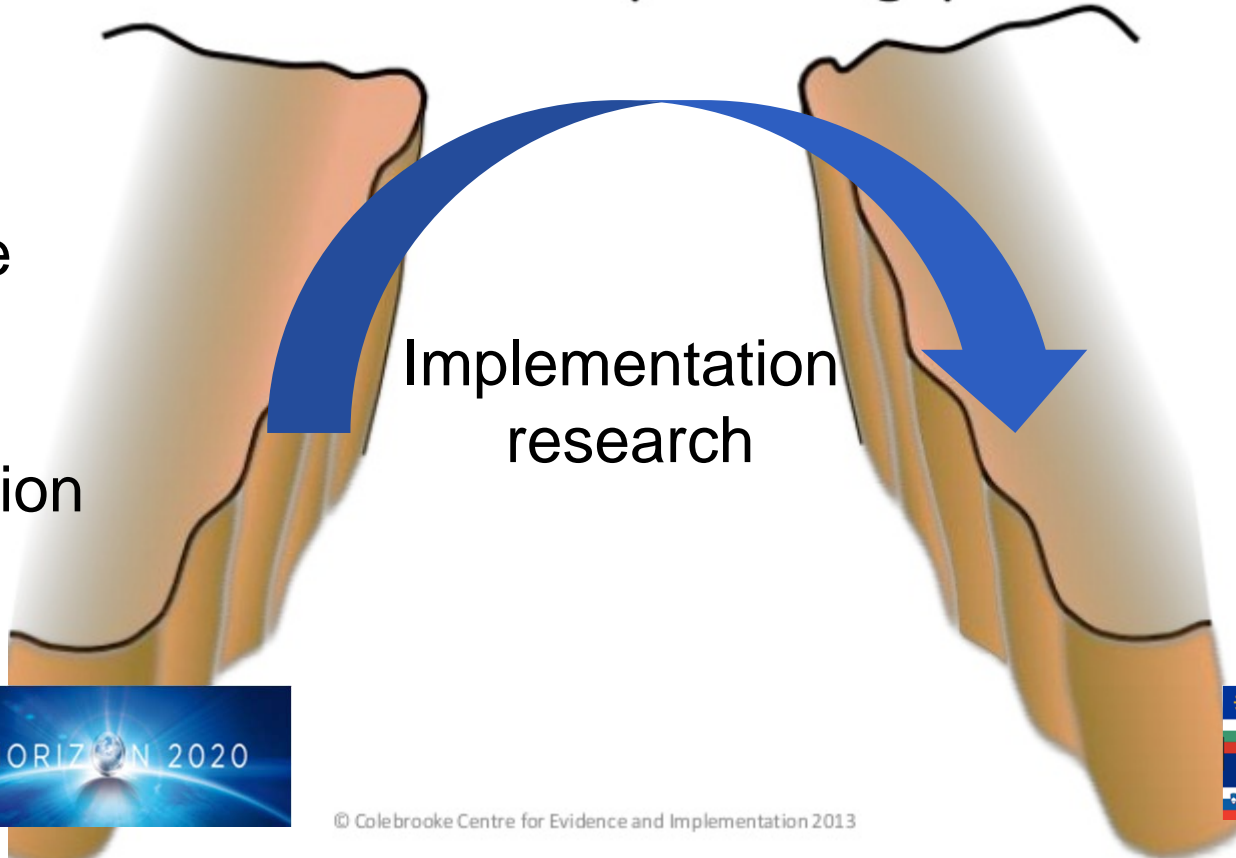






# The science-practice gap

idea  
↓  
knowledge  
creation  
↓  
demonstration



up-take



EU  
funded  
research

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Member  
States





**Implementation research specifically takes into account the **context** and **real-life conditions** and **engages concerned population groups**, leading to more successful translation and scale-up of public health interventions.** <http://www.gacd.org>



**Ready to implement (results from FP7 projects)**



**In progress – will be ready by 2020**



**In the pipeline: Future topics in calls published 27  
October 2017**



# Ready to implement: Clinical guidelines for breast cancer screening



JRC/ Health, Consumers and Reference Materials

**European Commission Initiative on Breast Cancer (ECIBC)**  
ECIBC is a person-centred initiative to improve breast cancer care. The JRC, with ECIBC, is developing the most up-to-date evidence-based recommendations on screening and diagnosis, with a platform of trustworthy guidelines for the whole care pathway.



DG RTD/Public Health Research



A tool for guideline development



DG SANTE/Public health



Member States



- <https://gradepro.org>
- <http://www.decide-collaboration.eu/>
- <http://ecibc.jrc.ec.europa.eu/>



## Ready to implement: on-line profiler for dementia



**Created an online profiler to be filled out by a patient in their 40's and 50's at a doctor's office.**

<http://www.inmindd.eu/>

**The patient receives a LIBRA (lifestyle for brain health) score and a personalised plan how to prevent dementia through a healthy lifestyle.**





# Ready to implement: validated test Mamaprint breast cancer recurrence test

FP6, 2002-2006

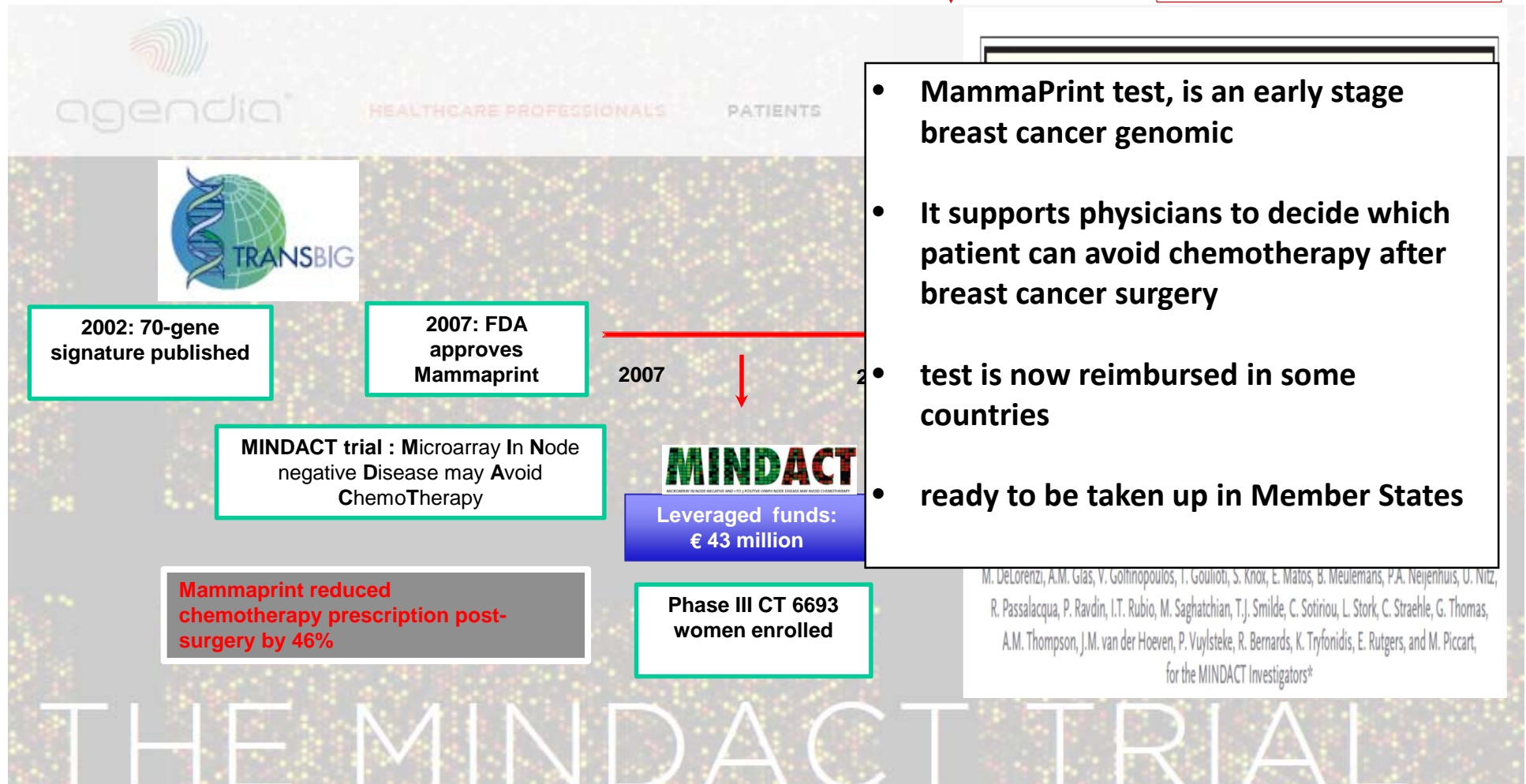
Horizon 2020, 2014-2020

€ 7 million

Validation of the 70-gene signature

€ 4 million

2015: MammaPrint final clinical utility





## Ready to implement: HEAT tool for active mobility



<http://pastaproject.eu/home/>



Welcome to the WHO/Europe Health Economic  
Assessment Tool (HEAT).

[www.euro.who.int/HEAT](http://www.euro.who.int/HEAT)

- Co-developed with WHO "HEAT tool: health economic assessment tool to assess the benefits of citizens walking and cycling

The tool can be used in a number of different situations, for example:

- when planning a new piece of cycling or walking infrastructure.
- to value the reduced mortality from past and/or current levels of cycling or walking,
- to provide input into more comprehensive economic appraisal exercises, or prospective health impact assessments.



## Ready to implement: EuroFIT health promotion programme for football fans



<http://eurofitfp7.eu/>



- an innovative programme with 15 champion league football club to inspire low socio-economic middle-aged football fans to adopt healthy life-style (physical activity, nutrition)
  - volunteers have to upload their personal data, then if they correctly follow the program after 12 months they will lose five percent of their weight
- 'EuroFIT approach' license
- Rolling out EuroFIT approach: partnership with Portugal (Health ministry and Portuguese Football Federation)



**In progress: 1. integrated care programs for persons with multi morbidity**  
**2. cost-effective intervention program for diabetes**



<http://www.selfie2020.eu/>

**SELFIE aims to improve patient-centred care for patients with multi morbidity through researching the implementation of the integrated chronic care model within the social and health care systems**



<http://feel4diabetes-study.eu/>

**Feel4Diabetes aims to develop, implement and evaluate a scalable intervention program for vulnerable families to prevent type 2 diabetes across Europe**  
**parents attend 'out of school' counselling sessions for adopting a healthier lifestyle for them and their children**



Research and  
Innovation



**In progress: 1. toolkit for integrating apps into routine mental health practice**  
**2. effective mental health strategies for Syrian refugees**



<http://www.implementall.eu/>

**ImpleMentAll is developing a toolkit for integrating mental eHealth apps with cognitive behavioural therapy into routine practice**



<https://strengths-project.eu/en/contact/ementall.eu/>

**STRENGTHS is researching the implementation of Problem Management Plus programmes for Syrian refugees**

- to reduce symptoms of depression, anxiety, PTSD**
- can be delivered by trained non-specialized workers or lay people**
- for children and adults**





## In progress: promising practices for sustainable living, moving and consuming



INHERIT

[www.inherit.eu](http://www.inherit.eu)

- INHERIT Identifies ways of living, moving and consuming that protect the environment and promote health and health equity.
- Examples:
  - an intervention to reduce obesity and overweight among babies and toddlers. It teaches families about more healthy food choices and more physical activity, focusing on learning through art and play
  - an urban cycling initiative including an app to find the best way in town



**In the pipeline: future H2020 topics:**

**SC1-BHC-16-2018: Scaling-up of evidence-based health interventions at population level for the prevention and management of hypertension and/or diabetes**

**SC1-BHC-19-2019: Implementation research for maternal and child health**