



# EU-US collaboration opportunities in Horizon 2020

**Societal Challenge 1: Health,  
demographic change and wellbeing**



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European  
Commission

# EU Research and Innovation Policy

# Concept



**28 countries**



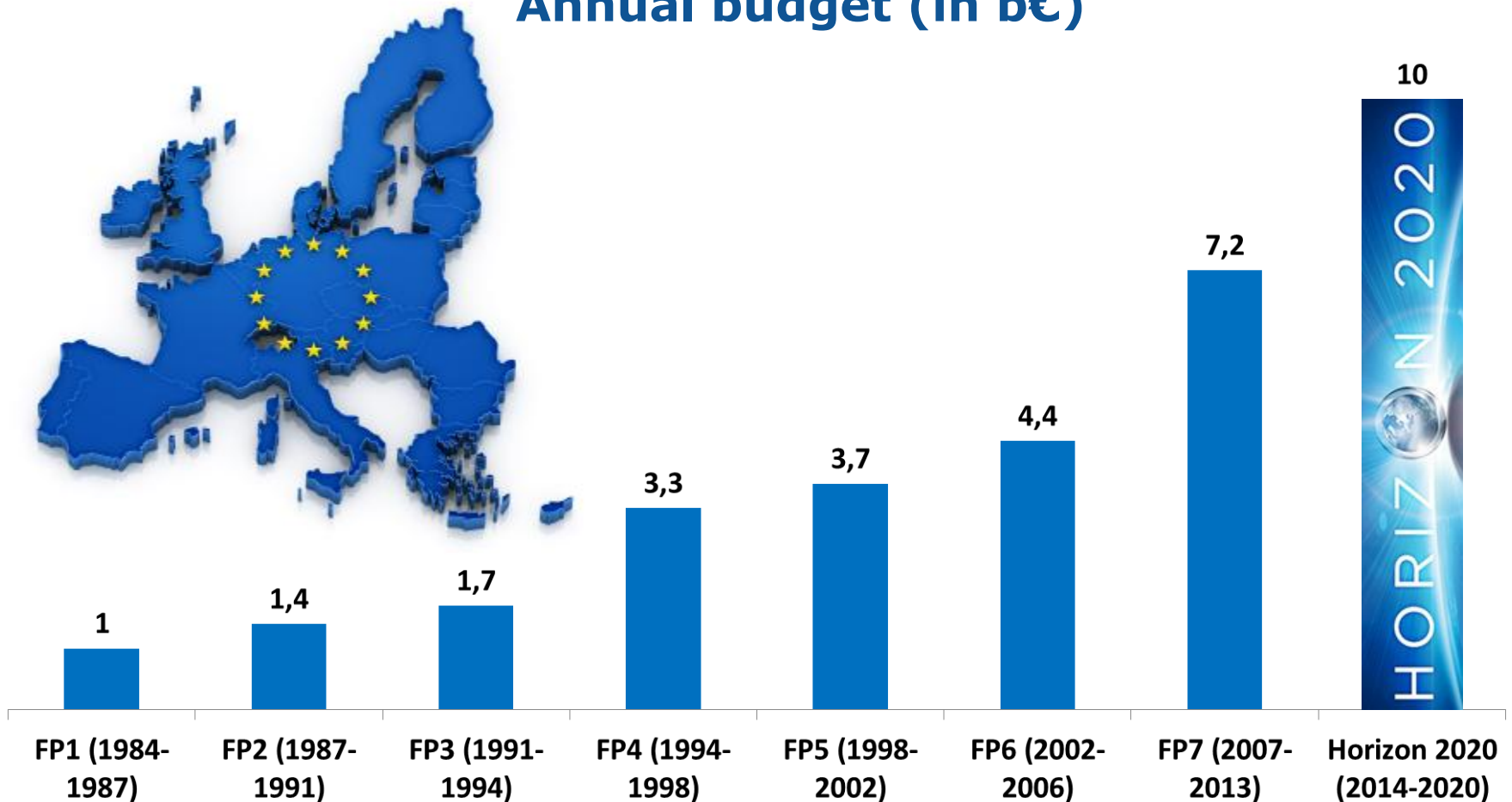
**pulling resources**



**in one unique R&D programme**

# 30 years of EU funded R&I

Annual budget (in b€)



# Some examples



**FP7 budget:  
€56 billion**

## **FP7 (2007-2013)**

- ❖ Four programmes to strengthen EU public and private R&D
- ❖ New: Public Private Partnerships with large industry
- ❖ SMEs: Target of 15% of EU funding
- ❖ **€6 billion for the Health theme**



# FP7 Health Cooperation programme

## Key figures

**5,5** € billion invested

**1,050** projects

**12,500** teams

**3,600** organisations

**123** countries

## First outcomes

(on 370 finished projects)

**230** patent applications

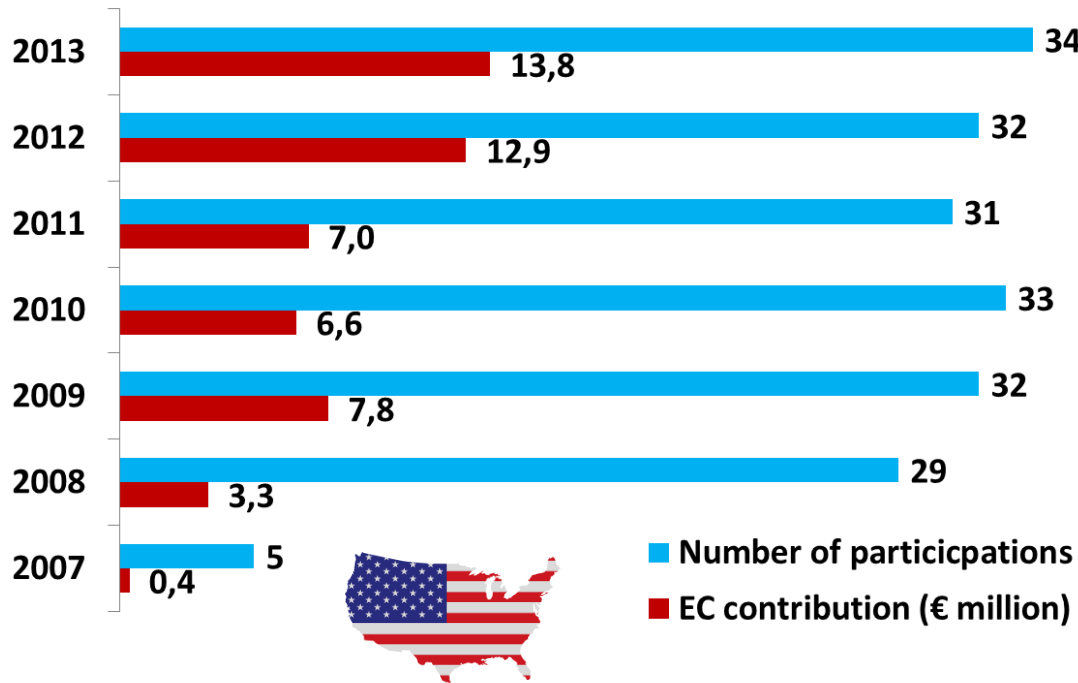
**12,500** publications

**34** publications per project

**8,8** publi. Impact Factor

**32** spin-offs created

# US organisations in FP7 Health



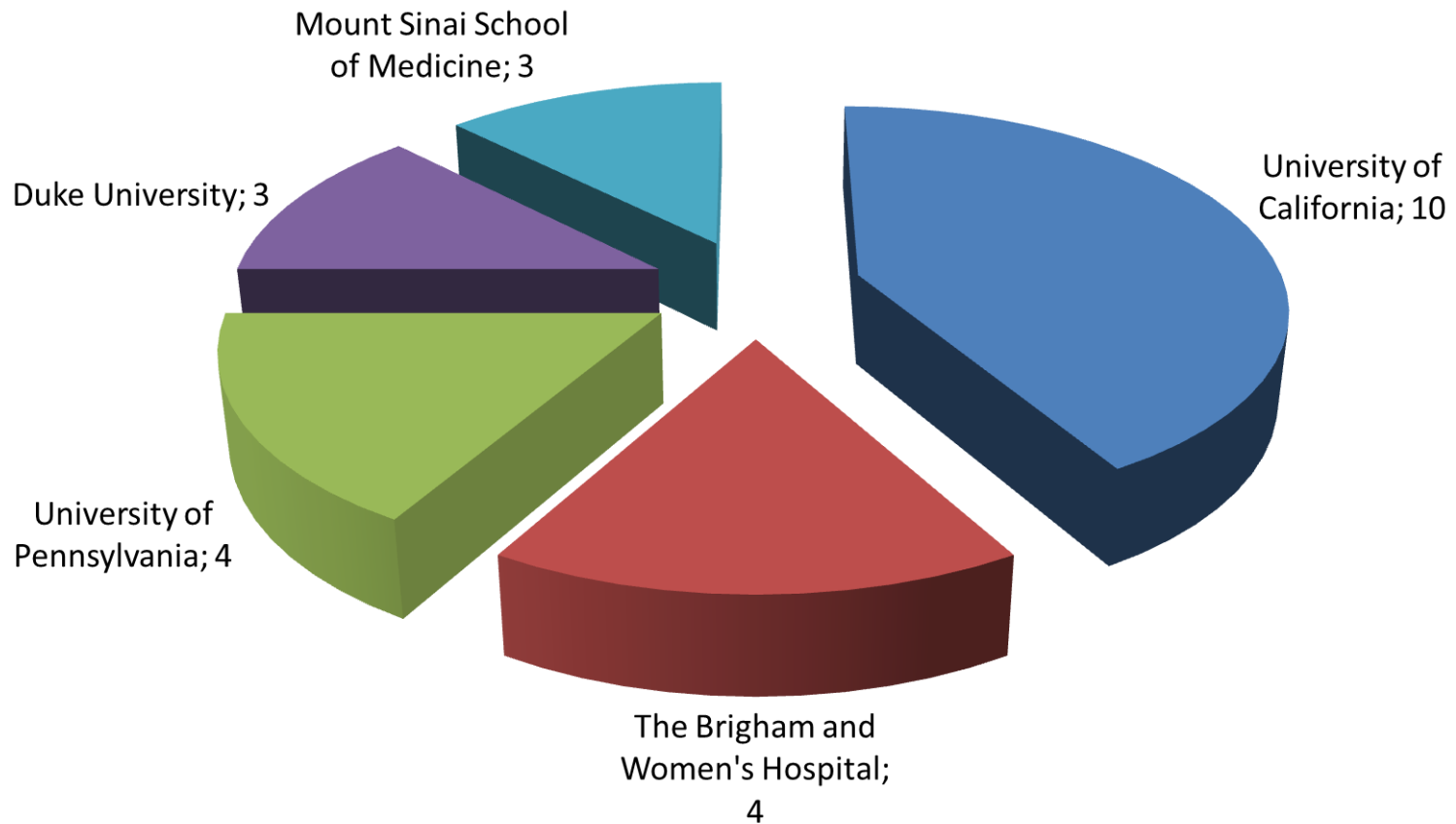
- **162 US organisations accounting for 196 participations:**

- 70 Universities
- 40 Research organisations
- 27 SMEs
- 9 Foundations
- 10 Other (International organisations, FDA etc.)
- 6 Industry

- **Receiving € 52 million**



# 5 main US participating organisations



**H2020 budget:  
€79 billion**  
(+40% compared to FP7)

## Horizon 2020 (2014-2020)

- ❖ Major simplification: single set of rules
- ❖ SMEs: dedicated instrument & financial instruments
- ❖ Renewed Public Private Partnerships
- ❖ **€7,4 billion for Societal Challenge 1: Health**



HORIZON 2020

# Three priorities

**Excellent science**

**€24 billion**

- European Research Council
- Future & Emerging technologies (FET)
- Marie Curie
- Research infra.

**€17 billion**

- Leadership in Enabling and Industrial Technologies (LEIT)
- Risk finance
- Innovation in SMEs

**Industrial leadership**

**Societal challenges**

**€29 billion**

- SC1 Health
- SC2 Food & bioeconomy
- SC3 Energy
- SC4 Transport
- SC5 Environment
- SC6 EU in the world
- SC7 Security

# What about EU-US projects in H2020?



- **US organisations are funded in Societal Challenge 1 Health (exc. SME instrument topic)**
- **US organisations can - if essential - be funded elsewhere in H2020 (e.g. biotech, environment, space, transport programmes)**
- **For most topics: minimum 3 project partners from 3 EU-28 countries or Associated countries\***

\*Albania, Bosnia and Herzegovina, Faroe Islands, former Yugoslav Republic of Macedonia, Iceland, Israel, Liechtenstein, Moldova, Montenegro, Norway, Serbia and Turkey

# Upcoming call: Personalising Health and Care (PHC)-2015

## Some topics of the PHC-2015 call:

- PHC-11-2015: Development of new diagnostic tools and technologies: in vivo medical imaging technologies
- PHC-14-2015: New therapies for rare diseases
- PHC-15-2015: Clinical research on regenerative medicine
- PHC-16-2015: Tools and technologies for advanced therapies
- PHC-21-2015: Advancing active and healthy ageing with ICT: Early risk detection and intervention
- PHC-24-2015: Piloting personalised medicine in health and care systems
- PHC-25-2015: Advanced ICT systems and services for integrated care
- PHC-33-2015: New approaches to improve predictive human safety testing

**Budget: € 492 million – Deadline: 14/10/2014**

# How to apply?

- 1. Read the call, identify a relevant topic**
- 2. Find EU partners**
- 3. Write and submit your proposal**
- 4. Get funded (10% success rate)**

# Why should I go for EU funding?

- 1. Build a strong network with top EU organisations and scientists**
- 2. Receive funding for world-class research**
- 3. Get a first-hand experience with EU businesses and healthcare markets**
- 4. Discover Europe: culture, art, food and wines 😊!**

# Get prepared!

## Free of charge services to assist you:

- **Call text – Participant portal**  
<http://ec.europa.eu/research/participants/portal/desktop/en/home.html>
- **Practical information & assistance: National Contact Points**  
[http://ec.europa.eu/research/participants/portal/desktop/en/support/national\\_contact\\_points.html](http://ec.europa.eu/research/participants/portal/desktop/en/support/national_contact_points.html)
- **Find partners, training, brokerage : Fit for Health 2.0**  
<http://www.fitforhealth.eu/>
- **IP questions and advices: IPR helpdesk**  
<https://www.iprhelpdesk.eu/>
- **SME regulatory one stop shop: EMA SME office**  
[http://www.ema.europa.eu/ema/index.jsp?curl=pages/regulation/general/general\\_content\\_000059.jsp](http://www.ema.europa.eu/ema/index.jsp?curl=pages/regulation/general/general_content_000059.jsp)
- **EU Health projects database**  
<http://www.healthcompetence.eu/converis/publicweb/area/1353>
- **Become evaluator - register as Expert**  
<http://ec.europa.eu/research/participants/portal/desktop/en/experts/index.html>
- **Financial support in your country**  
<http://europa.eu/youreurope/business/funding-grants/access-to-finance/>