



# EU funding for animal influenza

## HORIZON 2020

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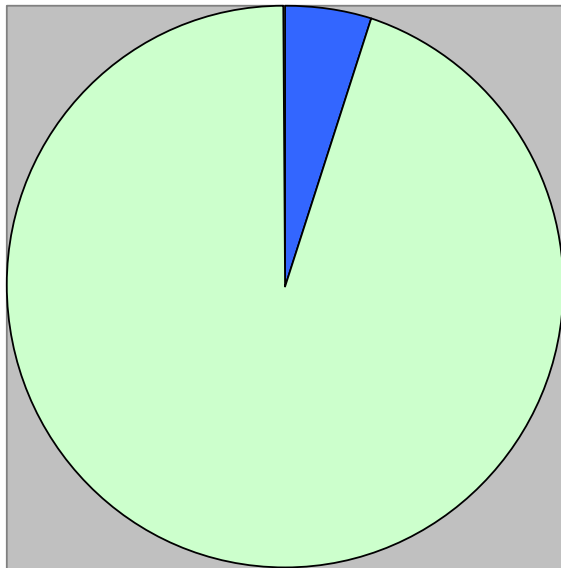
based on presentation prepared by

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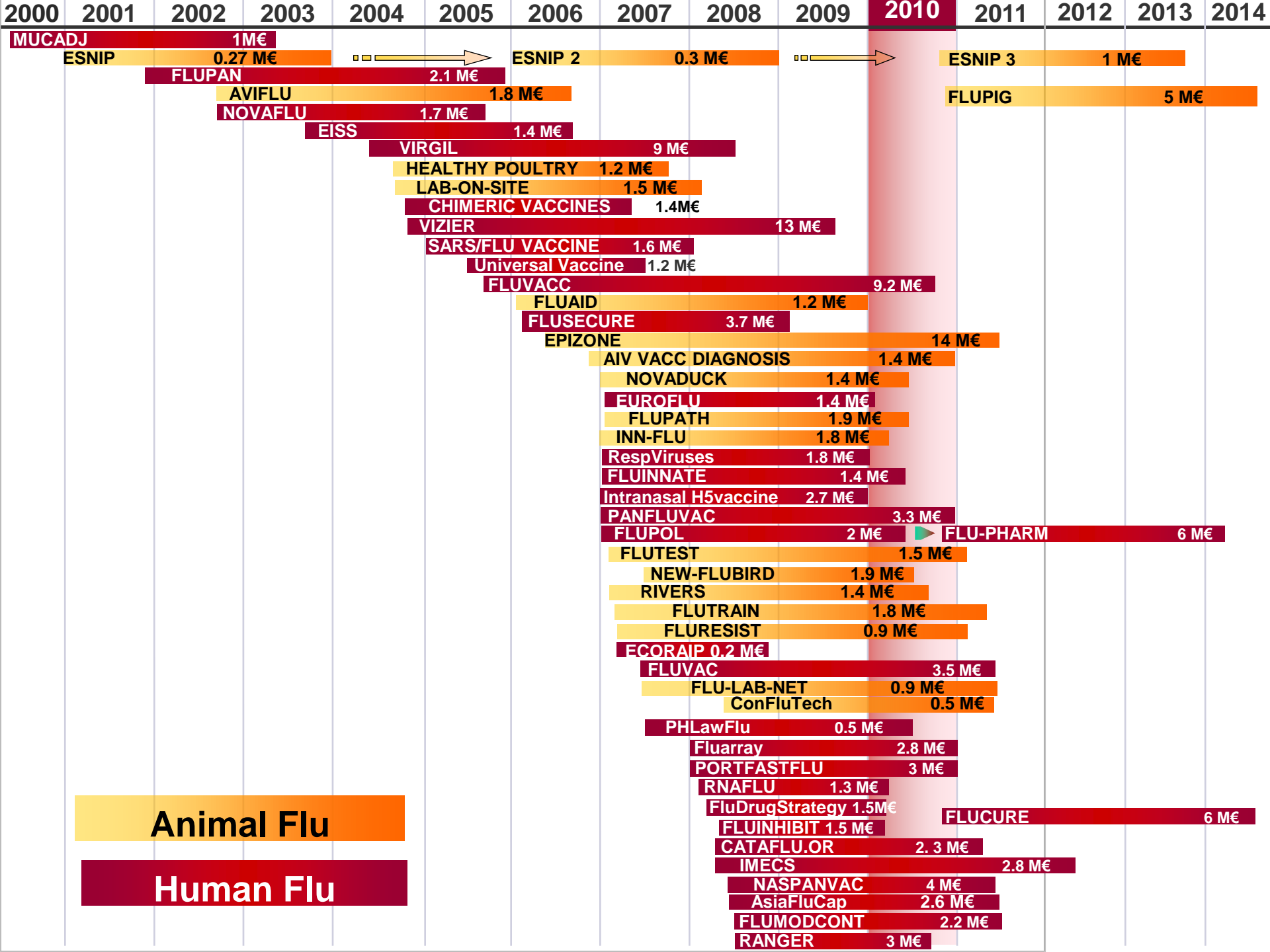
# EU Framework for research funding



■ EU budget ■ National budget (public + private)

promotes

- Transnational scientific collaboration
- Integration, pooling of resources
- Transfer of know-how, mobility of researchers and training
- Fostering national/private research, SME



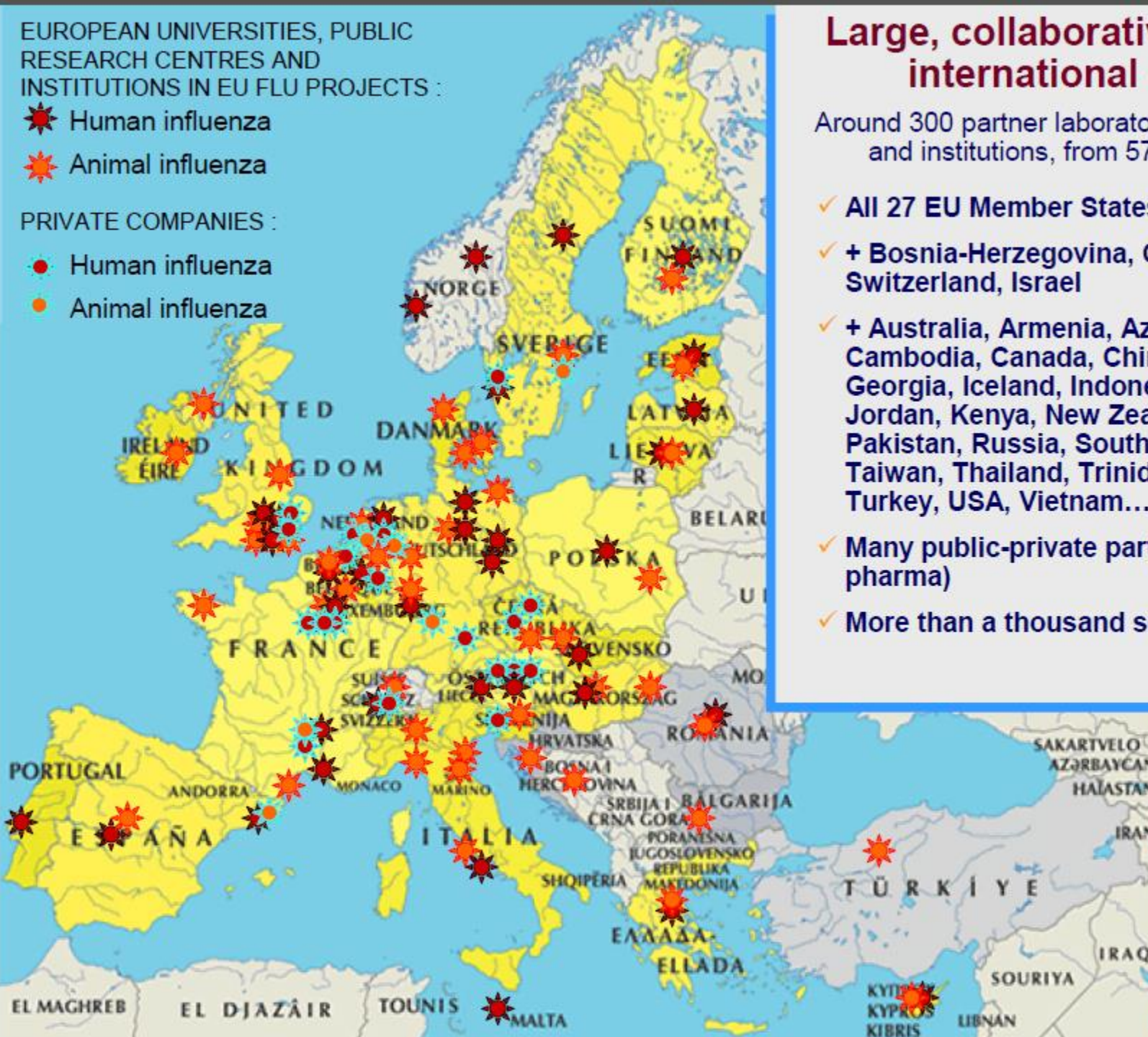


EUROPEAN UNIVERSITIES, PUBLIC RESEARCH CENTRES AND INSTITUTIONS IN EU FLU PROJECTS :

- ★ Human influenza
- ★ Animal influenza

PRIVATE COMPANIES :

- Human influenza
- Animal influenza



## Large, collaborative EU and international effort

Around 300 partner laboratories, companies and institutions, from 57 countries :

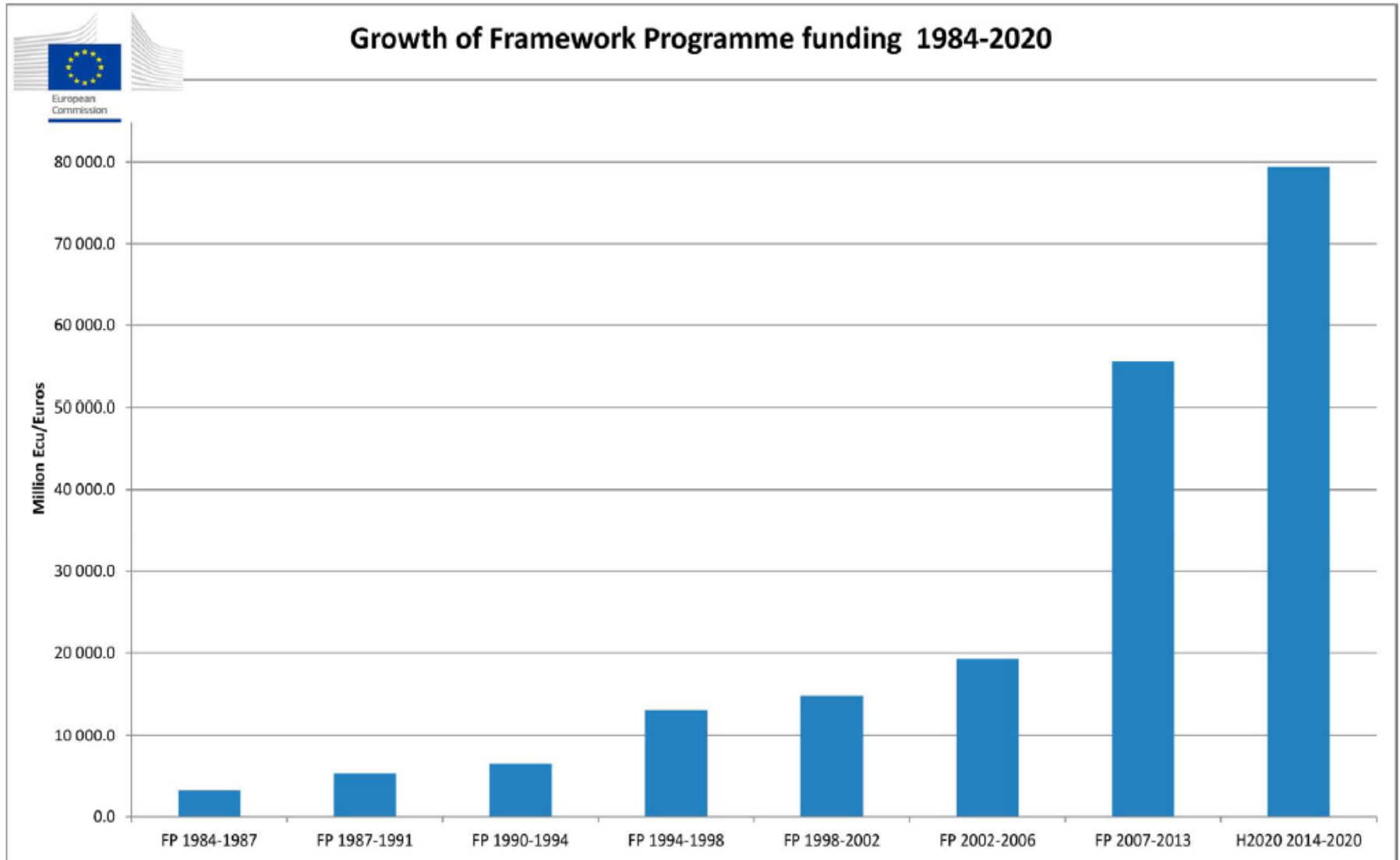
- ✓ All 27 EU Member States
- ✓ + Bosnia-Herzegovina, Croatia, Norway, Switzerland, Israel
- ✓ + Australia, Armenia, Azerbaijan, Cambodia, Canada, China, Gabon, Georgia, Iceland, Indonesia, Iraq, Jordan, Kenya, New Zealand, Nigeria, Pakistan, Russia, South Africa, Syria, Taiwan, Thailand, Trinidad and Tobago, Turkey, USA, Vietnam...
- ✓ Many public-private partnerships (SMEs, pharma)
- ✓ More than a thousand scientists





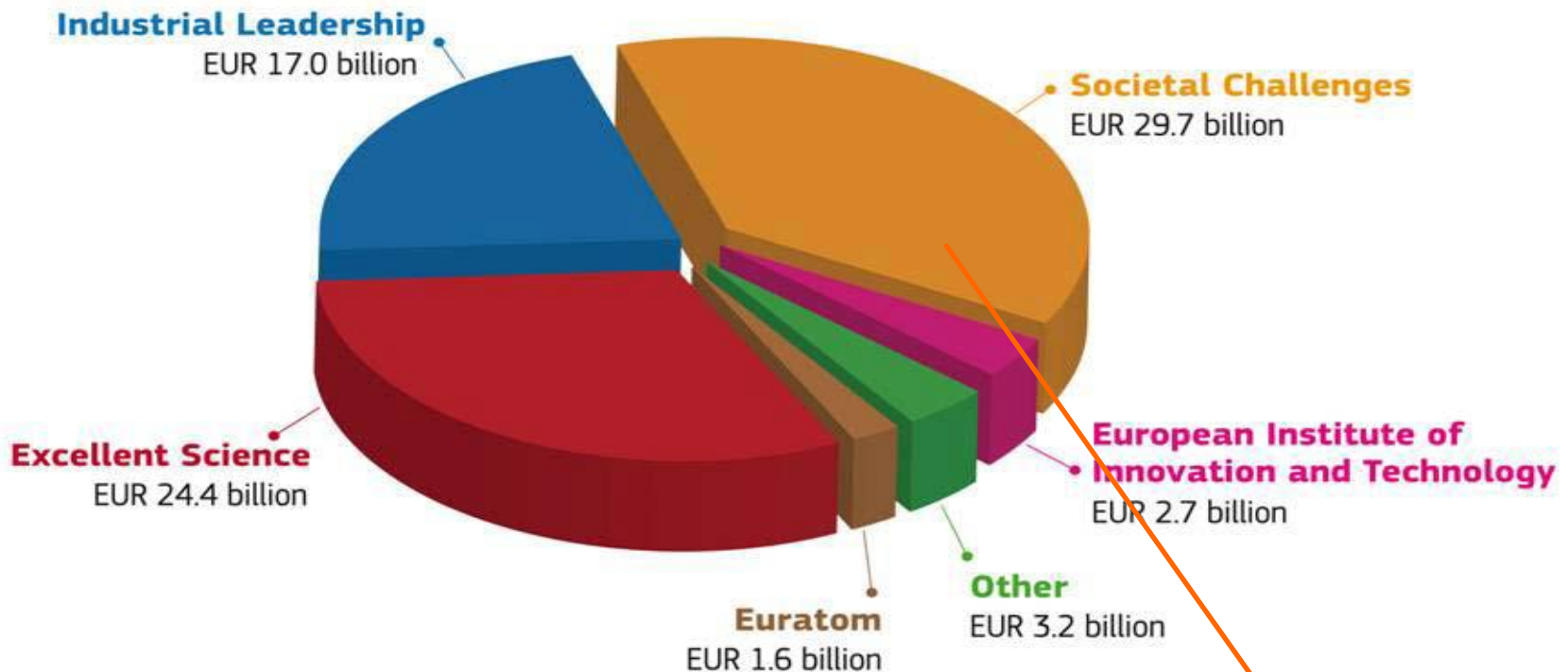
- **Biggest EU Research & Innovation programme ever** ~ **€80 billion of funding over 7 years (2014 to 2020)** in addition to national/private investment that this money will attract.
- **A single programme** bringing together different programmes/initiatives
- **Coupling research to innovation** from "research to retail"
- **Focus on societal challenges** facing EU society, e.g. health, clean energy and transport
- **Simplified access** for companies, universities, institutes in all EU Member States and beyond
- **International co-operation**

# How has EU Research and Innovation funding evolved over recent years?





## HORIZON 2020 BUDGET (EUR 78.6 billion, current prices)



**Biggest EU investment in  
Research and Innovation**

**Budget for SC2:  
> €3,8 billion  
around double of  
FP7 budget**



European  
Commission

# Societal challenges (SC)



**SC1. Health, demographic change and wellbeing**

**SC2. Food security, sustainable agriculture and forestry, marine and maritime and inland water research, and the bioeconomy**

**SC3. Secure, clean and efficient energy**

**SC4. Smart, green and integrated transport**

**SC5. Climate action, resource efficiency and raw materials**

**SC6. Inclusive, innovative and reflective societies**

**SC7. Secure societies**



## Objectives of Societal Challenge 2 (SC2):

- Sufficient supplies of safe and high quality food and bio-based products,
- productive and resource-efficient primary production systems,
- competitive and low carbon supply chains.

**Making the best from our biological resources  
accelerating transition to a sustainable European bioeconomy**

# Activity 2.1. Sustainable Agriculture & Forestry

## *Main orientations*

more efficient production systems (crops, livestock, wood)

innovative technologies for more efficient use of inputs

**improved plant and animal health**

innovative plant & animal breeding

wiser use of natural resources (biodiversity, ecosystems)

climate change mitigation and adaptation practices (GHGs)

ecological intensification approaches (conventional & organic)

relation between urban and rural areas

support to EU policies (CAP; Environment; Food)

# What's new in Horizon 2020?

**Broader topics**

**Less prescription**

**Challenge-based approach**

**Simplified list of possible types of action**

**Cross-cutting issues mainstreamed**

**Work programmes** with a 2 year-duration

# Useful links



**Horizon 2020:** [www.ec.europa.eu/research/horizon2020](http://www.ec.europa.eu/research/horizon2020)

**Participant Portal and final work programme:**

<https://ec.europa.eu/research/participants/portal>

**Bioeconomy Portal and Info Day:** <http://ec.europa.eu/research/bioeconomy/>

**EIP agriculture:** [http://ec.europa.eu/agriculture/eip/index\\_en.htm](http://ec.europa.eu/agriculture/eip/index_en.htm)

**Influenza projects 2001-2007:** [http://ec.europa.eu/research/health/poverty-diseases/doc/influenza-research\\_en.pdf](http://ec.europa.eu/research/health/poverty-diseases/doc/influenza-research_en.pdf)

**A decade of EU-funded Animal Health Research**

[http://ec.europa.eu/research/bioeconomy/pdf/186225\\_2011\\_2696\\_animal\\_health\\_research\\_en.pdf](http://ec.europa.eu/research/bioeconomy/pdf/186225_2011_2696_animal_health_research_en.pdf)