

Horizon 2020 is the EU's research and innovation funding programme



# Horizon 2020 HEALTH research and innovation funding

An investment in better health for all

more than 10 billion  
2014-2020

15 funding  
channels

to meet specific health research and innovation needs  
includes support for individual grants and fellowships, SMEs, large collaborative public-private consortia

## 5 AREAS

- COLLABORATIVE RESEARCH**  
Support multidisciplinary and cross-sector research on health and care for generating and translating new knowledge into applications and benefits for the society
- INNOVATIVE HEALTH AND CARE INDUSTRY**  
Translate innovation into practical health and care applications benefiting citizens, healthcare systems and businesses
- WORKING WITH MEMBER STATES AND INTERNATIONAL PARTNERS**  
Foster European and global coordination in health and disease research

- BLUE SKY RESEARCH**  
Reinforce and extend the excellence of the EU's science base (including in life sciences and health-related research)
- INFRASTRUCTURES**  
Support facilities, resources and services used by the science community to conduct research and foster innovation (including in the health area)

## PARTICIPATION

- single
- multiple
- any country in the world

## FUNDING

- based in EU Member States
- based in countries associated to Horizon 2020: Iceland, Norway, Albania, Bosnia and Herzegovina, the former Yugoslav Republic of Macedonia, Montenegro, Serbia, Turkey, Israel, Moldova, Switzerland, Faroe Islands, Ukraine, Tunisia, Georgia, Armenia
- based in most countries in the world (all low-income countries and the US, but excluding Russia, China, India, Brazil and Mexico, and high-income countries)

This is an overview. Details and conditions apply case by case.

## COLLABORATIVE RESEARCH

To provide grants supporting multi-disciplinary cross-border research and innovation teams in the area of health and care

- PARTICIPATION
- FUNDING
- CUSTOMER All legal entities

## COLLABORATIVE RESEARCH PRIORITIES FOR 'HEALTH, DEMOGRAPHIC CHANGE AND WELL-BEING'

- Personalised medicine
- Innovative health and care industry
- Infectious diseases and improving global health
- Innovative health, and care systems integration of care
- Decoding the role of the environment, including climate change, for health and well-being
- Digital transformation in Health and Care
- Trusted Big Data solutions and Cybersecurity for Health and Care

## INNOVATIVE MEDICINE INITIATIVE (IMI)

To offer grants towards the development of patient access to personalised medicine for the health and wellbeing of all, especially in areas of unmet medical need

- PARTICIPATION
- FUNDING
- CUSTOMER Academic institutions | SMEs and research organisations | large pharmaceutical companies | patient organisations | NGOs | public bodies

## SME INSTRUMENT

To support individual highly innovative SMEs via competitive grants

- PARTICIPATION
- FUNDING
- CUSTOMER SMEs

## FAST TRACK TO INNOVATION (FTI)

To provide grants to bottom-up proposals for close-to-market innovation activities

- PARTICIPATION
- FUNDING
- CUSTOMER SMEs | industry | academic institutions

## INNOVFIN INFECTIOUS DISEASES (INNOVFIN ID)

To provide loans to support bankable development of innovative vaccines, drugs, medical and diagnostic devices or novel research infrastructures for infectious diseases

- PARTICIPATION
- FUNDING
- CUSTOMER Small and big R&D companies and any other entity that can take loans (EUR 7.5m to EUR 75m)

## EIT HEALTH

To provide grants to increase competitiveness of European industry, improve the quality of life of Europe's citizens and the sustainability of healthcare systems

- PARTICIPATION
- FUNDING
- CUSTOMER Legal entities interested in mixing research, innovation and education

## HORIZON PRIZES

To offer a cash reward to whoever can most effectively meet a defined challenge

- PARTICIPATION
- FUNDING
- CUSTOMER Any individual or legal entity who can meet the challenge

## EUROPEAN AND DEVELOPING COUNTRIES CLINICAL TRIALS PARTNERSHIP (EDCTP)

To support clinical trials, diagnostics and delivery optimisation for poverty-related and neglected infectious diseases via grants

- PARTICIPATION
- FUNDING
- CUSTOMER All legal entities

## ACTIVE AND ASSISTED LIVING PROGRAMME (AAL)

To offer grants towards improving conditions of life for the older adults and strengthening the international industrial opportunities in the area of information and communication technology

- PARTICIPATION
- FUNDING
- CUSTOMER Sectors interested in market-oriented research

## ERA-NET

To provide grants to support public-public partnerships in their preparation, implementation and coordination of joint activities as well as topping up of single joint calls and of actions of a transnational nature

- PARTICIPATION
- FUNDING
- CUSTOMER National/regional ministries/authorities managing research programmes | research councils or funding agencies or other national or regional organisations that implement research programmes

## JOINT PROGRAMMING INITIATIVES

• NEURODEGENERATIVE DISEASE RESEARCH (JPNDR)  
• ANTIMICROBIAL RESISTANCE (JPI AMR)  
• MORE YEARS, BETTER LIVES (JPI MYBL)

- PARTICIPATION
- FUNDING
- CUSTOMER All legal entities

## EUROPEAN RESEARCH COUNCIL (ERC)

To promote investigator-driven, or bottom-up frontier research via grants

- PARTICIPATION
- FUNDING
- CUSTOMER Largely targeted at academics

## FUTURE AND EMERGING TECHNOLOGIES (FET)

To offer grants for developing new lines of technology through unexplored collaborations between advanced multidisciplinary science and cutting-edge engineering

- PARTICIPATION
- FUNDING
- CUSTOMER All legal entities

## MARIE SKŁODOWSKA-CURIE ACTIONS (MSCA)

To provide grants for all stages of researchers' careers and encourage transnational, interdisciplinary and interdisciplinary mobility

- PARTICIPATION
- FUNDING
- CUSTOMER Pre-doctoral and post-doctoral researchers in the academic | industrial sectors

## 12 EUROPEAN STRATEGY FORUM ON RESEARCH INFRASTRUCTURES (ESFRI) PROJECTS IN THE HEALTH RESEARCH AREA

To support facilities, resources and services used by the science community, to conduct research and foster innovation in the biological and medical areas

- PARTICIPATION
- FUNDING
- CUSTOMER Academic institutions | research organisations | public bodies

## INVESTMENT IN RESEARCH AND INNOVATION AIMS TO IMPROVE THE QUALITY OF LIFE FOR EU CITIZENS



sustain health and care systems



provide innovative solutions addressing the main challenges through collaborative research



stimulate the entire health R&I cycle from bench to bedside and the rapid transfer of knowledge



increase Europe's competitiveness, prosperity and wellbeing



support global sustainable development



support the generation of a health research cloud

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- ◆ SME INSTRUMENT
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- ◆ EIT HEALTH
- ◆ HORIZON PRIZES

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- ◆ FUTURE AND EMERGING TECHNOLOGIES
- ◆ MARIE SKŁODOWSKA-CURIE ACTIONS
- ◆ EUROPEAN STRATEGY FORUM ON RESEARCH INFRASTRUCTURES



RESEARCH & INNOVATION: HEALTH  
<http://ec.europa.eu/research/health/index.cfm>

HEALTH, DEMOGRAPHIC CHANGE AND WELLBEING  
<http://ec.europa.eu/programmes/horizon2020/en/h2020-section/health-demographic-change-and-wellbeing>

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