An investment in better health for all

Horizon 2020 is the EU's research and innovation funding programme. More than 10 billion euros were allocated for 2014-2020 to foster European and global coordination in health and disease research.

**Target areas**

- **Innovative medicine**
- **Health technology**
- **Health, demographic change and wellbeing**
- **Personalised medicine**
- **Digital transition in health and care**
- **Trust in medical innovations and cybersecurity for health and care**
- **Research infrastructures**
- **Research and innovation ecosystems**

**INNOVATION HORIZONS**

- **Translation of knowledge**
- **Transfer of technologies**
- **SMEs fast-tracking to innovation**
- **Collaborative research**
- **Funding**
- **Participation**

**Supplementary initiatives**

- **European strategy forum on research infrastructures**
- **SME instrument fast-track to innovation**
- **Marie Skłodowska-Curie actions**
- **IP actions**
- **INFRASTRUCTURES**
- **OPEN CALL**

**IMI**

- **Innovative Medicines Initiative**
- **Integrated medicine**
- **Personalised medicine**

**R&I cycle**

- **Early stage**
- **Advanced stage**
- **Industrial development**

**Funding**

- **EU Member States**
- **Public bodies**
- **Academic institutions**
- **Industry**
- **SMEs**

**Participation**

- **Public bodies**
- **Academic institutions**
- **SMEs**
- **Pharmaceutical companies**
- **Large companies**

**Additional initiatives**

- **Blue Sky Research**
- **Innovative health and care industry**
- **Infant health and care sector**
- **Digital transition in health and care**
- **Horizon Europe**

**Partnership countries clinical trials**

- **European and developing countries**
- **Clinical trials**
- **Horizon 2020**
- **IMI**
- **ERCO**

**Support**

- **Support global sustainable development**
- **Support the generation of a healthier world**
- **Support the internationalization of research and technology**
- **Support the European and global coordination in health and disease research**

**Support for global sustainable development**

- **Support the generation of a healthier world**
- **Support collaborative public-private networking**

**Support for the internationalization of research and technology**

- **Support the European and global coordination in health and disease research**
- **Support the internationalization of research and technology**

**Support for collaborative public-private networking**

- **Support the generation of a healthier world**
- **Support collaborative public-private networking**

**Supporting the internationalization of research and technology**

- **Support the European and global coordination in health and disease research**
- **Support the internationalization of research and technology**

**SMEs fast-tracking to innovation**

- **SME fast-tracking to innovation**
- **Early stage**
- **Advanced stage**
- **Industrial development**

**SME instrument fast-track to innovation**

- **SME fast-tracking to innovation**
- **Early stage**
- **Advanced stage**
- **Industrial development**

**Collaborative research priorities for health, demographic change and wellbeing**

- **Innovative medicine**
- **Health technology**
- **Health, demographic change and wellbeing**
**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**
- **single**
- **multiple**

**FUNDING**
- based in EU Member States

**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**
- single

**FUNDING**
- AC

**CUSTOMER**
- SMEs

**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**
- single

**FUNDING**
- AC

**CUSTOMER**
- Academic institutions
- Large pharmaceutical companies
- Patient organisations
- NGOs
- Public bodies

**COLLABORATIVE RESEARCH**

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

**PARTICIPATION**
- single

**FUNDING**
- AC

**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**
- **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**

**FAST TRACK TO INNOVATION (FTI)**

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

**PARTICIPATION**
- single

**FUNDING**
- AC

**CUSTOMER**
- SMEs | Industry | Academic institutions

**HORIZON PRIZES**

- Single

**PARTICIPATION**
- Any country in the world

**FUNDING**
- AC

**CUSTOMER**
- Single

**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**
- single

**FUNDING**
- AC

**CUSTOMER**
- Single

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

- 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)
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 or funding agencies or other national or regional organisations that implement research programmes

JOINT PROGRAMMING INITIATIVES
• NEURODEGENERATIVE DISEASE RESEARCH (JPND)
• ANTIMICROBIAL RESISTANCE (JPI AMR)
• MORE YEARS, BETTER LIVES (JPI MYBL)

EU Member States driven initiatives offering grants to increase coordinated investment in research between participating countries

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, intersectoral 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)
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
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

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

HEALTH, DEMOGRAPHIC CHANGE AND WELLBEING

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