

Programming Period: 2014 to 2020

Instrument/Program level: European

Name of the instrument/Program: HORIZON 2020

Instrument/Program application areas: Excellent science

Instrument/Program website: <https://ec.europa.eu/programmes/horizon2020/en>

Instrument/Program eligible areas: BELGIUM; CZECH REPUBLIC; DANMARK; GERMANY; EESTI; IRELAND; SPAIN; FRANCE; CROATIA; ITALY; LATVIA; LIECHTENSTEIN; LITHUANIA; LUXEMBOURG; HUNGARY; MALTA; NETHERLANDS; AUSTRIA; POLAND; PORTUGAL; ROMANIA; SWITZERLAND; SLOVENIA; SLOVAKIA; FINLAND; SWEDEN; UNITED KINGDOM; GREECE; CYPRUS; BULGARIA

Managing authority:

Directorate-General for Research and Innovation European Commission

Objectives:

- a. Strengthening frontier research, through the activities of the European Research Council (ERC);
- b. Strengthening research in future and emerging technologies (FET);
- c. Strengthening skills, training and career development, through the Marie Skłodowska-Curie actions;
- d. Strengthening European research infrastructures, including e- infrastructures.

Eligible thematics in line with ERC sectors: Life Sciences; Physical Sciences and Engineering; Social Sciences and Humanities

Eligible thematics in line with S3: Advanced Manufacturing; Aerospace, Aeronautics and Space; Agrifood processing; Alpine activities & technologies; Automotive; Bio-processes of biomasses; Blue growth; Chemicals; City development; Climate Change Mitigation; Cloud computing, e-tourism, smart mobility systems; Cultural & creative industries; Eco-efficient factory; Efficient production technologies, automation & intelligent materials; Entrepreneurship & Growth of young companies; Environmental Governance & Information; Environmental technologies, renewable energies & resource efficiency; Food & nutrition (ingredients and modification of food, materials, smart packaging, food quality, quality assurance, food production technologies); Green & Clean energy & technologies; ICTs (Digital technologies & user-friendly systems); KETs; Life Science & Biotechnology; Logistic; Maritime technologies; Mechatronics; Nature & Biodiversity; New and intelligent materials, nano and microtechnology; New Technologies for mountain agriculture; Open data (including PA), GIS, e-learning, Cloud computing, e-tourism, smart mobility systems; Photonics; Public health & security (e-Health); Renewable energies & resource

efficiency; Robotics; Secure technologies; Smart & energy-efficient buildings; Smart manufacturing and related services; Specialised production for an excellent mountain; Sustainable energy & renewables; Sustainable innovation & infrastructure; Sustainable Living & mobility

Action typologies: Creative independent thinking; Cross-border and cross sector mobility of researchers; Cross-cutting actions to develop jointly new knowledge, future and emerging technologies, research infrastructures and key competences; New concepts and approaches or development between or across disciplines; Contacts with industry partners, societal organisations or potential 'end users' of the projects' results; International and inter-sector collaboration through research and innovation staff exchanges; sharing of knowledge and ideas from research to market (and vice-versa); Research roadmapping, stimulating learning and exchange, expanding the range of disciplines (including the life sciences and humanities where relevant), involving multi-actor or citizen; European Industrial Doctorates, European Joint Doctorates, European Training Networks

Other eligible actions:

- Development of New methodology (based on the full Scientific Proposal);

Beneficiaries: Local public authority; Regional public authority; National public authority; Sectorial agency; Infrastructure and (public) service provider; Interest groups including NGOs; Higher education and research; Education/training centre and school; Start up; Large enterprise, enterprise excluding SME; SME; Business support organisation; EGTC; General public; International organization, EEIG under national law

Status of the eligible institutions: Public; Private; Public equivalent body; International organisation

Programme contribution minimum: 70%

Programme contribution maximum: 100%

Programme Budget: 24 441 000 000,00 €

Project budget maximum: 2 500 000,00 €

Project duration maximum: 60 months

Events organized by this

Program: <https://ec.europa.eu/programmes/horizon2020/en/newsroom>