

Programming Period: 2018 to 2020

Instrument/Program level: European

Name of the instrument/Program: HORIZON 2020

Instrument/Program application areas: Science with and for Society

Instrument/Program website:

<http://ec.europa.eu/research/participants/data/ref/h2020/wp/2018-2020/main/h2020..>

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

Managing authority:

Directorate-General for Research and Innovation European Commission

Objectives:

Strategic orientations

The SwafS WP18-20 is built around the following five strategic orientations:

1. Accelerating and catalysing processes of institutional change,
2. Stepping up the support to Gender Equality in Research & Innovation policy,
3. Building the territorial dimension of SwafS partnerships,
4. Exploring and supporting citizen science, and
5. Building the knowledge base for SwafS.

Specific contributions to cross-cutting issues

SwafS WP18-20 integrates Horizon 2020 cross-cutting issues and emphasises:

- Responsible research and innovation (RRI) including gender, and
- Enhancing the attractiveness of the research profession.

Moreover, all proposals should explicitly aim to achieve positive impacts in one or more of the following cross-cutting issues:

- Climate change, sustainable development, and biodiversity,
- Cooperation with third countries.

Notably, all SwafS WP18-20 projects are expected to support one or more of the Sustainable Development Goals.

In their structure and processes, consortia should look as much as possible for

interdisciplinary and cross-sectoral research and innovation, and due to the societal focus involve experts in the fields of the social and economic sciences and humanities. Consortia should aim to involve SMEs in research and innovation and broader private sector participation. They should look to maximise the engagement of private social actors, such as civil society organisations, non-governmental organisations and social entrepreneurs. All topics are open to international cooperation. Activities developed in the present SwafS WP18-20 should involve many different actors in order to draw lessons and look for impacts as broadly as possible. Where possible, they should pay attention to the development and application of key enabling and industrial technologies, future and emerging technologies, and areas relating to bridging discovery to market application. The present SwafS WP18-20 is built to foster the functioning and achievement of the European Research Area (ERA).

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: Cluster; Creative thinking; Cross Border; Cross-cutting; End-users; Exchange; Financial Access; Health support; ICT; KETs; FETs; Platform; Smart systems integration

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

Programme Budget: 7 330 000,00 €

Field: Research, Innovation, Economic development, Transfer of knowledge, Labour Market, Education, Training, Mobility, Accessibility, Resources, Green Infrastructure, Risk Governance, Energy, Service of General Interest