

# Brazil – Country Page

## 1. Available local programs/funds that could provide support to Brazilian Horizon 2020 participants

Horizon 2020 is open to participation from across the world. European researchers can include partners from any other countries when preparing H2020 proposals. This means that Brazilian researchers, enterprises and institutions can team up with European partners to develop together knowledge, research data and leading scientific teams and networks.

Not all international partners are automatically eligible for funding by Horizon 2020. While the European Union will finance the participation of partners from developing countries, it does not automatically fund the partners from industrialised countries such as Brazil in collaborative actions.

Individual Brazilian researchers are always eligible for EU funding under the [Marie Skłodowska-Curie Actions – Individual Fellowships](#) and under the [European Research Council](#) programme.

For collaborative actions, Brazilian participants have to determine themselves the sources of funding and resources for their part of the project: these may be own funds of the participating institutions, as well as funds received from Brazilian ministries, foundations and other research organisations in Brazil. Contributions can also be made in kind.

Potential Brazilian participants are therefore always encouraged to contact relevant research and innovation funding bodies and organisations such as the State Foundations for Research Support (FAPS), National Research Council (CNPq), Brazilian National Research and Education Network (RNP), Funding Agency for Studies and Projects (FINEP) or the Ministry of Science Technology, Innovations and Communications (MCTIC) to seek funding for their participation in Horizon 2020.

### Existing local co-funding mechanisms in Brazil

Different funding schemes for allowing Brazilian researchers to take part into Horizon 2020 are being set up in different Brazilian states through the existing Research Foundations in each Brazilian State. The first scheme was established by the Research Foundation of the State of São Paulo (FAPESP) in 2015, following an umbrella agreement that had been signed with the Brazilian National Council of State Funding Agencies (CONFAP). As a result, co-funding schemes for Brazilian researchers are available in the following states:

[Fundação de Amparo à Pesquisa do Estado de São Paulo - FAPESP](#)

[Fundação de Amparo à Pesquisa e Inovação do Estado de Santa Catarina- FAPESC](#)

[Fundação de Amparo à Pesquisa do Estado de Goiás - FAPEG](#)

[Fundação de Amparo à Pesquisa do Estado de Minas Gerais - FAPEMIG](#)

[Fundação de Amparo à Pesquisa do Distrito Federal - FAPDF](#)

[Fundação Araucária de Apoio ao Desenvolvimento Científico e Tecnológico do Estado do Paraná – FAPPR](#)

[Fundação de Amparo à Pesquisa e Inovação de Espírito Santo](#)

[Fundação de Apoio ao desenvolvimento do Ensino, Ciência e Tecnologia do Estado de Mato Grosso do Sul - FUNDECT](#)

[Conselho Nacional das Fundações Estaduais de Amparo à Pesquisa - CONFAP](#)

In addition, the European Commission and the Brazilian National Council of State Funding Agencies – CONFAP signed an "[ERC Implementing Arrangement](#)" aiming to encourage the best Brazilian scientists to join research teams funded by the European Research Council (ERC). Under this arrangement, Brazilian researchers can undertake short or long term research visits, in Europe, and collaborate with ERC-funded teams, conducting frontier research across Europe.

## **2. Current priorities / roadmap for EU-Brazil R&I cooperation**

The EU's [roadmaps](#) for international cooperation provide an overview of the current state of play and of the main priorities for future cooperation.

Current priorities for EU-Brazil cooperation are: marine research, health, transport (including aviation), energy (advanced biofuels), nanotechnology, Information and Communication Technologies, sustainable urbanisation and nuclear fusion (Euratom-Fusion).

Brazilian participation is welcomed in all areas of H2020. A list with examples of topics considered as particularly interesting for the Brazilian research community is included in annex. Other topics and individual opportunities under the MSCA and ERC programmes should also be considered.

## **3. Brochures or other local communication materials aiming to support Brazilian participation in Horizon 2020**

The EU Delegation in Brasilia, the EU Member and Associated States organized together a series of information seminars throughout Brazil to raise awareness among Brazilian research and innovation stakeholders about the opportunities that EU, Member States (MS) and Associated Countries (AC) offer for research and innovation collaborations, including mobility schemes for Brazilian students and researchers as well as opportunities under Horizon 2020. These events are organized in the frame of the so-called 'Tour of Brazil'.

More information about the Horizon 2020 in Portuguese language can be found [here](#).

## **4. Website of the Delegation of the EU to Brazil and functional mailbox**

Delegation of the European Union to Brazil:

[http://eeas.europa.eu/delegations/brazil/index\\_pt.htm](http://eeas.europa.eu/delegations/brazil/index_pt.htm)

Questions may be addressed to the *Research & Innovation Section* of the EU Delegation to Brazil:

[DELEGATION-BRAZIL-CIENCIA@eeas.europa.eu](mailto:DELEGATION-BRAZIL-CIENCIA@eeas.europa.eu)

## 5. Local National Contact Points and other assistance services

The network of **National Contact Points** (NCPs) is the main source of guidance, practical information and assistance on all aspects of participation in Horizon 2020. The list of National Contact Points can be found in the Participant Portal [here](#).

The **Brazilian NCP Coordinator for Horizon 2020, ERC and ICT** is:

Prof. Moacyr Martucci Junior  
University of São Paulo - Polytechnic School  
Avenida Professor Luciano Galberto, travessa 3, 158, Sala C2-49  
05508-900, Butanta, Brazil  
moacyr.martucci@poli.usp.br

National Contact Points for **Health**:

Prof. Rodrigo Correa-Oliveira  
Oswaldo Cruz Foundation  
Av. Brasil, 4365 – Castelo Mourisco, Manguinhos,  
21040-900, Rio de Janeiro, Brazil  
rodrigo.correa@fiocruz.br

Prof. Manoel Barral-Neto  
Oswaldo Cruz Foundation  
Av. Brasil, 4365 – Castelo Mourisco, Manguinhos,  
21040-900, Rio de Janeiro, Brazil  
manoel.barral@fiocruz.br

National Contact Point for **Marie Skłodowska Curie Actions**:

Ms. Elisa Natola - Brazil  
CONFAP - Brazilian National Council for State Funding Agencies  
SHS Qd 06 Cj A Bloco E Sala 1115 - Brasil 21, CEP 70322-915, Brasilia,  
elisa.confap@gmail.com

**Euraxess** provides access to a complete range of information and support services for anyone wishing to pursue a research career in Europe. Euraxess-Links offers local networking and information opportunities in a number of countries, including North America.

Further information: EURAXESS Links Brazil [website](#) Email: [brazil@euraxess.net](mailto:brazil@euraxess.net).

**INCOBRA**: Increasing International Science, Technology and Innovation Cooperation between Brazil and the European Union – INCOBRA is an EU funded project aimed at encouraging bilateral cooperation between R&I actors in Brazil and the European Union, fostering collaboration and implementing activities agreed within the BR-EU Policy Dialogue on Science, Technology and Innovation.

[Incobra website](#) Incobra in [Cordis](#)

**CEBRABIC**: Funded under Horizon 2020, CEBRABIC aims the set up a European Network of Research & Innovation Centres and Hubs (ENRICH) in Brazil. **ENRICH – Brazil** will be working to enhance cooperation in research, technology and entrepreneurship between Europe and Brazil. The Centre provides support services and technology-related services, thanks to an extensive network of regional innovation hubs and external service providers.

[CEBRABIC](#) CEBRABIC in [Cordis](#)

## HORIZON 2020 WORK PROGRAMME 2018-20 - TOPICS OF PARTICULAR INTEREST FOR BRAZIL

TOPICS IN GREEN ARE SPECIFICALLY TARGETING BRAZIL OR LATIN AMERICA  
FOR TOPICS IN GREY BRAZILIAN ENTITIES ARE EXCEPTIONALLY ELIGIBLE FOR EU FUNDING

Topic id	Topic Title
<b>2018</b>	
FETHPC-01-2018	HPC PPP - International Cooperation on HPC
INFRAIA-01-2018-2019	Integrating Activities for Advanced Communities
INFRASUPP-01-2018-2019	Policy and international cooperation measures for research infrastructures
SC1-HCO-01-2018	Actions in support of the International Consortium for Personalised Medicine
SC1-HCO-06-2018	Establishment of an International Network of Social Sciences Research Centres to help address governance and other challenges in the preparedness for and the response to infectious threats
SC1-HCO-10-2018	Coordinating European brain research and developing global initiatives
SC1-BHC-15-2018	New anti-infective agents for prevention and/or treatment of neglected infectious diseases (NID)
SC1-BHC-16-2018	Global Alliance for Chronic Diseases (GACD) - Scaling-up of evidence-based health interventions at population level for the prevention, detection, and management of hypertension and/or diabetes
SC1-BHC-18-2018	Translational collaborative cancer research between Europe and the Community of Latin American and Caribbean States (CELAC)
NMBP-13-2018	Risk Governance of nanotechnology
NMBP-14-2018	Nanoinformatics: from materials models to predictive toxicology and ecotoxicology
BG-08-2018-2019	All Atlantic Ocean Research Alliance Flagship
SFS-05-2018-2019-2020	New and emerging risks to plant health
SFS-11-2018-2019	Anti-microbials and animal production
SFS-32-2018	Supporting microbiome coordination and the International Bioeconomy Forum
LC-SC3-RES-4-2018	Renewable energy system integrated at the building scale

LC-SC3-RES-5-2018	Increased performance of technologies for local heating and cooling solutions
SC5-13-2018-2019	Strengthening international cooperation on sustainable urbanisation: nature-based solutions for restoration and rehabilitation of urban ecosystems
CE-SC5-08-2018-2019-2020	Raw materials policy support actions for the circular economy
SC5-09-2018-2019	New solutions for the sustainable production of raw materials (Digital mining)
LC-CLA-01-2018	Supporting the development of climate policies to deliver on the Paris Agreement, through Integrated Assessment Models (IAMs)
LC-CLA-08-2018	Addressing knowledge gaps in climate science, in support of IPCC reports - c) Ice-core drilling in East Antarctica
LC-MG-1-1-2018	InCo flagship on reduction of transport impact on air quality
MG-2-1-2018	Human Factors in Transport Safety
MG-2-5-2018	Innovative technologies for improving aviation safety and certification in icing conditions
GOVERNANCE-06-2018	Trends and forward-looking scenarios in global governance
MIGRATION-02-2018:	Towards forward-looking migration governance: addressing the challenges, assessing capacities and designing future strategies
MIGRATION-06-2018-2020	Mapping and overcoming integration challenges for migrant children
SwafS-02-2018	Innovative methods for teaching ethics and research integrity
SwafS-03-2018	Developing research integrity standard operating procedures
SwafS-21-2018	Advancing the Monitoring of the Evolution and Benefits of Responsible Research and Innovation
<b>2019</b>	
NMBP-15-2019	Safe by design, from science to regulation: metrics and main sectors
SFS-31-2019	ICT-enabled agri-food systems
CE-RUR-08-2019-2020	Closing nutrient cycles (topics b and c)
SC5-21-2019-2020	ERA-NET Cofund action(s) for climate action, environment, resource efficiency and raw materials
LC-MG-1-6-2019	Aviation operations impact on climate change

LC-GV-05-2019	Urban mobility and sustainable electrification in large urban areas in developing and emerging economies
LC-CLA-06-2019	Inter-relations between climate change, biodiversity and ecosystem services
MG-2-9-2019	Integrated multimodal, low-emission freight transport systems and logistics
MG-2-7-2019	Safety in an evolving road mobility environment
MG-4-1-2018	New regulatory frameworks to enable effective deployment of emerging technologies and business/operating models for all transport modes
MG-4-2-2018	Building Open Science platforms in transport research
MG-BG-02-2019	Ship emission control scenarios, marine environmental impact and mitigation
MIGRATION-08-2019	International protection of refugees in a comparative perspective
SU-SPACE-22-SEC-2019	Space Weather
SwafS-12-2019	The gender perspective of science, technology and innovation (STI) in dialogue with third countries
SwafS-15-2018-2019	Exploring and supporting citizen science (topic A)
SwafS-16-2019	Ethics of Innovation: the challenge of new interaction modes (maximise social impact of innovation)
<b>2020</b>	
ICT-43-2020	EU-Brazil 5G collaboration
NMPB-16-2020	Safe by design, from science to regulation: behaviour of multi-component nanomaterials
NMPB-17-2020	Regulatory science for medical technology products
LC-SC3-RES-25-2020	Development of next generation biofuel and alternative renewable fuel technologies from CO <sub>2</sub> and renewable energy (Power and Energy to Fuels)
LC-CLA-14-2020	Understanding water-energy-food nexus and streamlining water related policies

## HORIZON PRIZES

### [Blockchains for Social Good](#)

The challenge is to use Distributed Ledger Technology, such as the one used in blockchain, to develop scalable, efficient and high-impact solutions to social challenges.

### [Affordable High-Tech for Humanitarian Aid](#)

The challenge is to develop innovative and more cost-effective solutions to be used in a humanitarian aid context, based on frugal application of advanced technologies

### [Early Warning for Epidemics](#)

The challenge is to develop a scalable, reliable and cost-effective early warning system to forecast, monitor and ultimately prevent outbreaks of one or more vector-borne diseases.

### [Fuel from the Sun: Artificial Photosynthesis](#)

The challenge is to build a functional prototype of an artificial photosynthesis-based system that is able to produce a useable synthetic fuel.

**Disclaimer:**

Please note that only the Official Journal of the European Union (electronic edition available on the EUR-Lex website), is authentic and produces legal effects. This list is not intended to be exhaustive and does not engage the European Commission.