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 <u>are always eligible for EU funding</u> under the <u>Marie Skłodowska-Curie</u> <u>Actions – Individual Fellowships</u> and under the <u>European Research Council</u> 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:

<u>Fundação de Amparo à Pesquisa do Estado de São Paulo - FAPESP</u>

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

<u>Fundação Araucária de Apoio ao Desenvolvimento Científico e Tecnológico do Estado do Paraná –</u> FAPPR

Fundação de Amparo à Pesquisa e Inovação de Espírito Santo

<u>Fundação de Apoio ao desenvolvimento do Ensino, Ciência e Tecnologia do Estado de Mato Grosso</u> 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 <u>roadmaps</u> 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, bioeconomy, health, sustainable agriculture, energy, particularly advanced biofuel, nanotechnology, Information and Communication Technologies, nuclear fusion (Euratom-Fusion).

Brazilian participation is welcomed in all areas of H2020. Despite, a list with examples off topics considered as particular 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

Questions may be addressed to the *Research & Innovation Section* of the EU Delegation to Brazil: 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 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
Osvaldo Cruz Foundation
Av. Brasil, 4365 – Castelo Mourisco, Manguinhos,
21040-900, Rio de Janeiro, Brazil
rodrigo.correa@fiocruz.br

Prof. Manoel Barral-Neto
Osvaldo 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.

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

TOPICS IN BLUE ARE EU - BR COORDINATED CALLS

Topic id	Topic Title		
	2018		
FETHPC-01-2018	HPC PPP - International Cooperation on HPC (coordinated call)		
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	
2019		
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-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 DT-SPACE-06-E0-2019 International Cooperation Copernicus – Designing EO downstream applications with international partners ³ 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) 2020 ICT-43-2020 EU-Brazil 5G collaboration (coordinated call) NMPB-16-2020 Safe by design, from science to regulation: behaviour pf 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 CO2 and renewable energy (Power and Energy to Fuels)	LC-MG-1-6-2019	Aviation operations impact on climate change	
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	LC-SC3-RES-25-2020	fuel technologies from CO2 and renewable energy (Power and Energy	

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 $^{^{\}rm 1}$ Copernicus Cooperation Arrangement pending signature

LC-CLA-14-2020	Understanding water-energy-food nexus and streamlining water related policies

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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.