

Brazil: Steps forward to H2020!

Brazilian co-funding schemes to further enhance cooperation between the EU and Brazil in research & innovation



INCREASING INTERNATIONAL STI COOPERATION BETWEEN **BRAZIL** AND THE **EUROPEAN UNION**

HOW TO INCREASE R&I COOPERATION WITH BRAZIL?

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Why increase international cooperation in R&I?

- to strengthen Europe's role as excellent player in science
- to tackle the global challenges jointly
- to increase its attractiveness towards becoming a global leader in innovation
- to support the European Union's external policies through science diplomacy

How to increase R&I cooperation with Brazil?

• H2020

• **General Openness**

(participation is open to BR researchers/ companies, no automatic funding but 8 Regions provide co-fund for BRs taking part in H2020 Projects)

• **Dedicated calls**

on priority topics where BR participation is encouraged in work programme and Call text> funding for BR partners from H2020 is possible.

• **Coordinated/ joint calls**

between EC and FAPs (ICT and biofuels)

• **European Research Council (ERC)**

Active BR Postdoctoral Grantees funded by State Funding Agencies (**FAPs**), from the Coordination for the Improvement of Higher Education Personnel (**CAPES**) and from the National Council for Scientific and Technological Development (**CNPq**) may join in research teams (and undertake short and long term research visits) funded by ERC.

How to increase R&I cooperation with Brazil?

To Remember : EU-Brazil Priority Topics

Sustainable Bioeconomy

Integration of food and feed stock
Rational use of agricultural waste

Food Security

Zero food waste
Balanced nutritional status

Smart Cities

Urban systems
Integrated sensors and connected appliances

Advanced Manufacturing

De-centralized manufacturing
Resource efficiency

Solutions for the Elderly

Sustainable Use of Biodiversity

Genetic research
Healthcare

Adaptation of Agriculture to Climate Change

Gene Therapy

Treatment of various health issues

Green Energy

Wind energy
biomass use
green house gas reduction technology

How to increase R&I cooperation with Brazil?

P2Ps -European Multilateral Initiatives (Mainly JPIs and ERA-NETCo-fund)

- In addition to Horizon 2020, the European Research Area has a range of other strategic and operative (joint calls) opportunities for participation such as:
- [Article 185 Measures](#),
- [ERA-Net Co-fund Initiatives](#)
- [Joint Programming Initiatives \(JPIs\)](#) coordinate national research topics and provide opportunities for collaboration at European level via joint calls.

On a variable geometry basis, Member States commit to Joint Programming Initiatives (JPIs) where they implement joint Strategic Research Agendas together.

How to increase R&I cooperation with Brazil?

- **Joint Programming Initiatives** on 10 global challenge areas:

JPND- Neurodegenerative Disease	JPI HDHL-Healthy Diet for a Healthy Life
JPI AMR -Antimicrobial Resistance	JPI Ocean
JPI Climate	JPI Urban Europe
JPI Cultural Heritage	JPI Water
JPI FACCE- Agriculture, Food Security and Climate Change	JPI MYBL-More Years Better Lives

- **ERA-Nets and ERA-Net Co-fund Actions**
 - Currently 9 active ERA-NET and 45 ERA-NET Cofund actions with average of 16 participating countries.
 - 4 Brazilian organizations (FINEP, FAPESP, FAPERJ and CNPq) involved in 2 ERA-NET and 2 ERA-NET Cofund actions in 11 joint calls and 10 funded projects *(Source: ERA-Learn 2020)*.

Why they are important?

- More than 80 % of European research activities in the public sector are carried out at national level, primarily under national and regional research programmes. In order to achieve Europe's central goal of creating a vital European Research Area (ERA) it will be necessary to improve the coordination and alignment of national and regional research programmes.
- Global challenges need a collaborative approach
- It is important to reach the critical mass in areas where national resources are scarce
- Collaboration at the Policy Level: JPIs
- Collaboration at Programme Level: Era-net Co-fund Actions

- **European Multilateral Initiatives**
 - How BR can cooperate with European Mult. Initiatives?
 - Taking an „observer“ role
 - Participating in selected calls of their interest (ERA-Net Co fund and self sustaining ERA-Nets)
 - Taking part in certain actions (thematic workshops, exchanges, etc)
 - Taking an active role (as member) in setting up the Strategic Research and Innovation Agenda of JPIs

- **Practical Recommendations for Europeans (I)**

Researchers, R&D Driven Companies:

- If you already have links to Brazil, consider them when preparing H2020 proposals, especially in the priority topics.
- If you do not have links but you want to establish > Contact INCOBRA as well as EEN. They are there to assist you establishing these links!
- Contact your national funding agencies for specific programmes where you can get funding for your international outreach activities (such as Austria > Beyond Europe Programme)

- **Practical Recommendations for Europeans (II)**

Research Managers/Management Offices:

- Disseminate this presentation to all research teams at your organization!
- Monitoring the research cooperations (of your organization) with third countries.
- Seek synergies with International cooperation offices at your organization, advice researchers in your organization to utilize their contacts and networks for H2020 projects. Funding is not a barrier!Lack of knowledge is a barrier!
- Stay in contact with your national agencies (for research funding, student and staff exchange)

- **Practical Recommendations for Europeans (III)**

Policy Makers/Funding Agencies:

- In addition to H2020 and bilateral cooperation, please follow the activities in Joint Programming area, where Member States already gathered around major societal challenges that are most relevant for major third country partners of Europe.
- Monitor 3rd country participation in your national programmes, develop strategies for internationalization considering the needs and interests of R&I actors in your country

NCPs:

- Promotion of international cooperation in your own fields shall be part of your daily activity (due to lack of INCO NCPs).

What does INCOBRA offer you?

Target Group	Relavant INCOBRA Activities
<ul style="list-style-type: none">• Policy Makers, National/Regional Authorities	<ul style="list-style-type: none">• Policy Roadshows• Info sessions• Liaison activities
<ul style="list-style-type: none">• Funding agencies and other financial institutions	<ul style="list-style-type: none">• Funding Agencies Platform• Training Camps• Strategic Scoping Workshop• Focus Group workshops• Info sessions
<ul style="list-style-type: none">• R&I actors	<ul style="list-style-type: none">• Strategic Foresight Workshop• Brokerage Events• Working meetings• Webinars• Info days

How to increase R&I cooperation with Brazil?

Planned and Organized Activities (as of April 2017)

Target Group	Activity
Policy Makers, National/Regional Authorities	18th March 2016 – Launch event on 'Opportunities and challenges for investment and funding' University of Porto, PT
Funding Agencies	<p><u>1st scoping workshop- 24 Nov.2016</u>, Brussels JPIs on the Global Stage:opportunities for International Cooperation</p> <p>8th March 2017 - INCOBRA session at FAPESP Forum, Sao Paulo</p> <p>1st Training Camp-19-21 June 2017, Brasilia Programmes and Instruments focusing on Industry-Academia Collaboration</p>

How to increase R&I cooperation with Brazil?

Planned and Organized Activities (as of April 2017)

Target Group	Activity
R&I actors	<p>17th - 18th November 2016 - INCOBRA "Strategic Foresight Workshop in Campinas (State of Sao Paulo), Brazil</p> <p>12th -13th January 2017 - INCOBRA Strategic Foresight Workshop 2 in Frankfurt, Germany</p> <p>15th February 2017 - INCOBRA Info Session 2017: Connecting Europe & Brazil in Malaga, Spain (Foro Transfiere 2017)</p> <p><u>INCOBRA Webinar #1 - 29 April 2016</u></p> <p>INCOBRA Opportunities for Stakeholders Group</p> <p><u>INCOBRA Webinar #2 - 13 July 2016</u></p> <p>The LCE-22-2016 call on advanced biofuels</p> <p><u>INCOBRA Webinar #3 - 9 November 2016</u></p> <p>The MG3.2-2017 call and FAPs Guidelines</p> <p><u>INCOBRA Webinar #4 - 6 December 2016</u></p> <p>The EU-BR ICT joint call 2017</p> <p><u>INCOBRA Webinar #5 - 17 January 2017</u></p> <p>The RISE call & Euraxess Links Brazil</p>

Thank you for your attention...

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Come and meet us in the exhibition area!

Discover plenty of EU-BR STI cooperation opportunities

