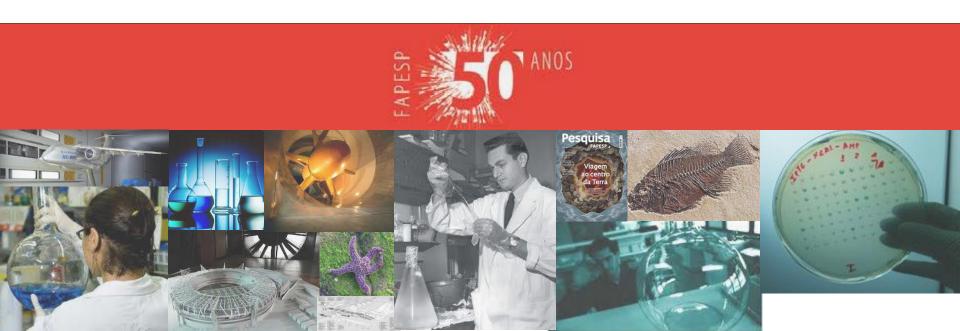


International Cooperation with Brazil on advanced lignocellulosic biofuels





- COOPERATION MCTI, CONFAP, FAPESP and THE EUROPEAN
 COMMISSION ON ADVANCED LIGNOCELLULOSIC BIOFUELS
- The FAPESP announcement can be find at http://www.fapesp.br/en/9762
- The European announcement for the call H2020-LCE-2016-2017, topic LCE-22-2016, can be found at http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/topics/2150-lce-22-2016.html.



- This is a coordinated call between the European Commission (EC) and MCTI/CONFAP/FAPESP to fund international collaborative research on lignocellulosic biofuels.
- The call aims at exploiting synergies between Brazil and Europe in terms of scientific expertise and resources in topics related to advanced biofuels by implementing coordinated research projects.



- Modality to FAPESP: Program for Research Partnerships for Technological Innovation (PITE)
- Funding: The budget for the call to fund the selected proposals is up to EUR 6-10 Million (3-5 Million for the EC call and a balanced effort from the Brazilian side). The agencies expect to fund one coordinated project, i.e. one project will be funded by MCTI/FAPESP/CONFAP and one project will be funded by the EU.
- **Duration:** The maximum duration of each project is 60 months.



Themes. The proposals should address at least one of the following challenges:

- Gasification of bagasse to syngas and advanced liquid fuel production, including biofuels for aviation.
- Applied research to biomass production logistics and applied research for feedstock diversification for advanced biofuels.
- Development of new fermentation and separation technologies for advanced liquid biofuels and applied research to increase the energy efficiency of advanced biofuel processes.



Minimum conditions for participation:

- There must be at least 03 PIs; being 01 in the State of São Paulo and others established in different Brazilian States with a research foundation that agreed to support the call.
 - i) Pls from the State of São Paulo must consult FAPESP regarding their eligibility before initiating the preparation of a joint proposal.
 Consultations were accepted until July 8, 2016.
 - ii) PIs from States other than São Paulo must consult their FAPs before submitting a proposal. <u>Each PI must submit with the proposal a Letter</u> of Consent.
- Applicants in Brazil, must meet the conditions and restrictions of the FAPESP Program for Research Partnerships for Technological Innovation (PITE), described at www.fapesp.br/pite.
- There must be a company in Brazil associated to the proposal, committed to funding at least 50% of the Brazil side costs.
- Proposals which do not include coordination with an European project will be considered ineligible.



Timeline:

Call announced by the European Commission October 14, 2015

Call announced by MCTI/CONFAP/FAPESP November 16, 2015

Opening of the call May 11, 2016

Closing date for submission of proposals September 8, 2016

Grant agreement signature April/May 2017

Start of the projects May/June 2017

The <u>proposal</u> must be submitted according to the timeline in the previous section, both to FAPESP by the Principal Investigator from the State of São Paulo <u>and</u> to UE by the European Principal Investigator.



Proposals:

- Aligned Brazilian and European projects shall have the same start date, the same duration – up to 5 years, same targets, and <u>must demonstrate</u> <u>clearly how the coordination among them will bring added scientific</u> <u>value</u>.
- It is envisaged that applications will be for a balanced partnership, not specifically in monetary terms even due to the exchange rate difference, but with equivalent research commitment and efforts from both sides.
- The interested researchers <u>need to prepare two proposals</u>, one to be submitted to the EC and another to be submitted to MCTI/CONFAP/FAPESP.
 The proposals do not have to be identical, but <u>they must demonstrate</u> <u>clearly their connection and the generation of mutual benefits</u>.
- The conditions specified in the call for proposals announced for each side must be met by the proposals in that side.



ANALYSIS AND SELECTION

- Elegibility validation
- Check of Documentation
- Merit review: Reviews are qualitative and include justifications. The ranking of the proposals is done by a committee of active researchers, through the analysis of the proposals and of the reviews.
- **Criteria**: used by FAPESP to the Program for Research Partnerships for Technological Innovation PITE are the Qualifications of the PI and his team; Proposed research project; Requested budget.
- Brazilian proposals will only be selected on the condition that their corresponding coordinated EU project is also selected for funding by the EC.



Questions related to this Call for Proposals at FAPESP must be directed to: chamada_eu-brazil@fapesp.br