



**International Symposium
on Bioeconomy**

**“Bioeconomy: A global view in
Brazil”**

9th and 10th december 2016

São Paulo -Brazil

Organized by:



Supported by:





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S.Paulo

EXECUTIVE SUMMARY

In a joint initiative between FAPESP – São Paulo Research Foundation and FIESP - The Federation of São Paulo State Industries, are leading a movement to develop World Class Ecosystems in Bioeconomy.

In this context it is being designed the **Bioeconomy Summit: Call for Action**, to take place in 2017 as a key milestone setting up a formal kick off for such movement. A gathering of the key stakeholders from the various economic sectors enabling the creation and capture valuable business opportunities in Bioeconomy.

This movement began in 2013 sponsored by CONIC – Innovation and Competitiveness Superior Council of FIESP, after a comprehensive listening and dialogue process involving a wide range of contributors making up its board of directors with a diversity of expert guests. The crucial partnership with FAPESP, came out of such work. Three preparatory meetings have already been held, the **Pre-Summits Bioeconomy: Call for Action**, which have been successful to identify, connect and engage several relevant actors in the field. The next meeting, the **International Symposium on Bioeconomy - “Bioeconomy: A global view in Brazil”**, should take place in December 2016 in São Paulo hosting different Countries as world class references in the Bioeconomy arena. Sponsorship fees from the selected companies invited, is expected as financial support to make this event a reality.

1. INTRODUCTION

Bioeconomy is going through a substantial revolution in the world and Brazil should be part of it. In view of climate change and the rapid advancement of technologies and biotechnologies, it was established a partnership between FAPESP and FIESP for the development of integrated action between science and business entrepreneurs. Organizing and sustaining forms of cooperation between the various Bioeconomy actors is mandatory for Brazil. In this context, we recognize how crucial it is the need to intensively develop world-class ecosystem where both; technology-based (startups) and large anchor companies consolidated in its industry segment, can foster innovation through collaboration, unleashing wealth generating, systemic synergies.



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2. BIOECONOMY CHARACTERIZATION

Bioeconomy offers the opportunity to effectively focus on the implementation of a positive action agenda to **accomplish the UN Sustainable Development Goals (SDG)**. The movement would then imply a collective success cycle where high aspirations bring abundance for many. The theme is gaining increasing relevance both, among entrepreneurs and in academia, science and technology institutes and in some instances, in the government and civil society.

Bioeconomy calls us to innovate in every way, not only in new products, services or processes; it also comes to increasingly accelerate the identification and implementation of new business models with ecosystems mindset, making presently dominant paradigms to become obsolete. Paradigm shifts, would bring back to zero all the advantages previously conquered, forcing the actors to reinvent themselves so as to occupy the emerging new spaces in a dynamic adaptive process. With the revolution of biobased technologies and the call to immediate action on climate change mitigation, Bioeconomy embodies a profound paradigm shift, in an ever seen peace, bringing both opportunities and responsibilities for traditional and emerging actors.

Considering its competitive advantages, this whole context could put **Brazil in a privileged place in the global economy**, if the opportunities are timely and properly captured. Considering its enormous biodiversity, sunlight availability and water, its new agricultural land, the steady progress made in research on tropical agriculture coupled with its world class relevance in bioenergetics matrix and the high degree of capacity in the national system of Science and Technology, it is imperative that Brazil occupies its place in the context of Bioeconomy nations.

Given the **acceleration of climate change, all public and corporate actors gain important responsibilities, to build and implement sustainable solutions** that meet the UN Sustainable Development Goals (SDG) committed by 195 nations at the COP 21 in Paris last year.

Sensitive to this field of challenges and opportunities, the CONIC - Innovation and Competitiveness Superior Council of FIESP, started in 2013, an extensive process of listening and dialogue on this whole picture. Drawing on the wide range of representatives of business, academia, government and civil society making up its board of directors and guests, the challenges and opportunities of a new bio-based economy, were sensitive to these leaders. As a result, as a first step **the partnership between FIESP and FAPESP was celebrated gaining traction for the Bioeconomy movement.**



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The document "Bioeconomy Call for Action 2016 Pre Summit Report" (<http://www.ibqp.org.br/projetos/bioeconomia/arquivos/>) describes the most relevant topics and discussions from the preparatory meetings held to the 2017 Summit.

3. OBJECTIVES

The purpose of the International Bioeconomy Symposium is to get a worldwide reference scenario for the construction of the **Bioeconomy Summit 2017, which will have as main objectives:**

- To gather the most relevant international experiences in Bioeconomy for a fruitful learning cases exchange.
- To induce a positive reflection on the current stage of Bioeconomy to leverage the Brazilian journey
- To establish partnerships between countries to boost and amplify Bioeconomy opportunities worldwide
- To jointly generate the "**Brazilian Bioeconomy Manifesto**" inspired by the "European Bioeconomy Manifesto" from Utrecht Bioeconomy event in 2016.

4. INTERNATIONAL BIOECONOMY SYMPOSIUM - PRELIMINARY AGENDA

The event is to be held on **9 and 10 December 2016 in the city of São Paulo**. Reference countries in the diverse Bioeconomy areas will be invited to expose and participate in the debate sessions. The countries' presentations will be held on the first day followed by discussions. On the second day we will jointly set up the bases for the "Letter of São Paulo", the first step in the **preparation of the "Brazil Bioeconomy Manifesto"**. The International Symposium will be a focused meeting to capture the essence and stage of the international Bioeconomy scene, serving as a joint reflection enabling the construction of a vision to support the implementation of a Bioeconomy agenda. Such agenda would position who we are and what goals do we want to achieve, it would also set up our principles, values and the position that Brazil Bioeconomy is heading for; so as to be revisited and grounded in the **Bioeconomy Summit 2017**.



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AGENDA	
Day One	Friday, december 9th 2016
8h30-9h	Welcome Coffee
9h-9h30	Opening Session <i>Key Note Speaker</i>
9h30-11h	Netherland/France/United Kingdom/Israel
11h-12h30	Canada/Australia/USA/China
12h30-13h30	Lunch
13h30-15h	Germany/Sweden/Finland/India
15h-16h30	OCDE/ European Commonwealth/UNEP
16h30-17h	Closing Session
17h-19h	Cocktail /Networking
Day Two	Saturday, december 10th 2016
9h00-9h30	Welcome Coffee
9h30-10h00	Presentation of the work sessions dynamics
10h00-12h30	Working Session Teams
12h30-13h30	Lunch
13h30-15h	Working Session Teams (...continuation)
15h-17h00	Working Teams Conclusions Presentations
17h-17h30	Final Closing



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5. PARTICIPANTS

The **International Symposium on Bioeconomy** is expected to involve about 300 people, including businessmen, entrepreneurs, executives, researchers, scientists, investors, economists, public administrators, academics, social leaders, educators, urban planners, judges, prosecutors, lawyers.

The above mentioned participants will represent the following key stakeholders: Academy / Business / Entrepreneurial Innovator (Start-ups) / Investment Funds / Venture Capital / Government / Incubators / Accelerators.

It is also expected that the public is composed of representatives from different theme streams: Environment / Agriculture / Cosmetic / Food / Energy / New Materials / Water Resources / Pharmaceutical / Health / Chemical / Construction / Textiles / Mining.

6. ORGANIZATION

IBQP- The Brazilian Institute of Quality and Productivity.

Contact: Mr. Sandro Vieira – Executive Director e-mail : sandro.vieira@ibqp.org.br

Tel.: +55 41 3264 2246 Mobile: +55 41 9970 5758

7. REALIZATION

FAPESP – São Paulo Research Foundation

FIESP - The Federation of São Paulo State Industries

8. SPONSORSHIP

Given that will not be participation fees, there is the need for financial support to cope with the realization costs of an International Symposium of this nature. In order to achieve so, sponsors will be invited. If your organization would like to participate as a sponsor, please contact the Organizer (IBQP) .



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The sponsors will assume a leading role in a movement of increasing global relevance, in which Brazil has enormous potential. Also, your institution will enjoy a privileged position to anticipate and capture emerging opportunities in the local and global Bioeconomy. In addition, it will become part of a world-class entrepreneurial ecosystem from its birth, in which a relentless innovation and business increasingly relevant opportunities are expected to flow. Furthermore, there is the actual possibility of building or enhancing the institution's environmental image which becomes an increasingly relevant attribute for any brand presently and forward looking.

This movement is anchored on the highly strategic cooperation between FAPESP and CONIC-FIESP, which is key to mobilize the most relevant sectors and actors of the local and global Bioeconomy. The movement counts on management team made up of innovation, technology, strategy and large groups facilitation practitioners sharing the same vision to support the whole process in order to drive **Brazil to top global Bioeconomy by 2030**.

In short, the Brazilian Bioeconomy movement acts simultaneously as a facilitating bridge and as a link in the chain of this highly complex ecosystem process.

Elaborated by the Organizing Committee

S.Paulo, October 19th 2016.