



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

Webinar #7

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PURPOSE:

Present insights and opportunities from project INCOBRA in preparation for:

**INCOBRA Brokerage Event,
Enghien-Les-Bains (France)
July 5-7. 2017**

AGENDA

14:00-14:10 Introduction about the webinar and INCOBRA

Aaron B. Rosa, Fraunhofer ISI

14:10-14:25 Brazilian policy on IoT and cooperation paths with EU

Thales Marçal Vieira Netto, MCTIC

14:25-14:40 EUBRCloudForum

Sara Pittonet Gaiarin, Trust IT (EUBrazilCloudForum)

14:40-14:50 Q&A

14:50-15:15 Pitching session

What is INCOBRA?

- Increasing International Cooperation on STI between Brazil and the EU
- Horizon 2020 Project (2016-2019)
- Coordinated by **Sociedade Portuguesa de Inovação - SPI**



- ✓ 3 “magic words” for Science, Technology and Innovation (STI) cooperation between Brazil (BR) and the European Union (EU)

1. Focus

- Targeted STI cooperation activities
- Thematic priorities: bioeconomy, sustainable agriculture, food security, marine research, energy, nanotechnology, ICT, health and smart cities

2. Increase

- Further interaction among Brazilian and EU STI actors
- More partnerships, more joint STI projects

3. Enhance

- Improving framework conditions for STI cooperation
- Coordination of research and innovation (R&I) funding programmes

WORK PACKAGE 1

WP Rationale:

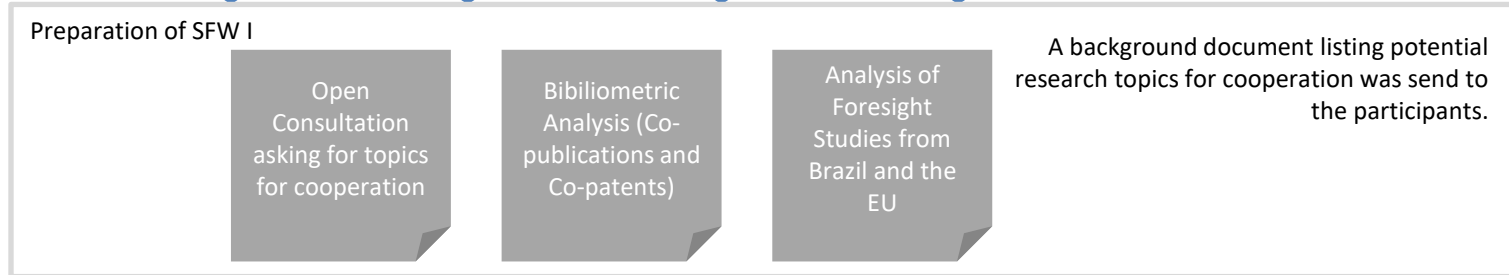
Better understand existing cooperation patterns and identify potential cooperation topics for mutual longterm benefit.

Task 1.1. Understanding the R&R cooperation patterns among Brazil and EU R&I actors in priority areas

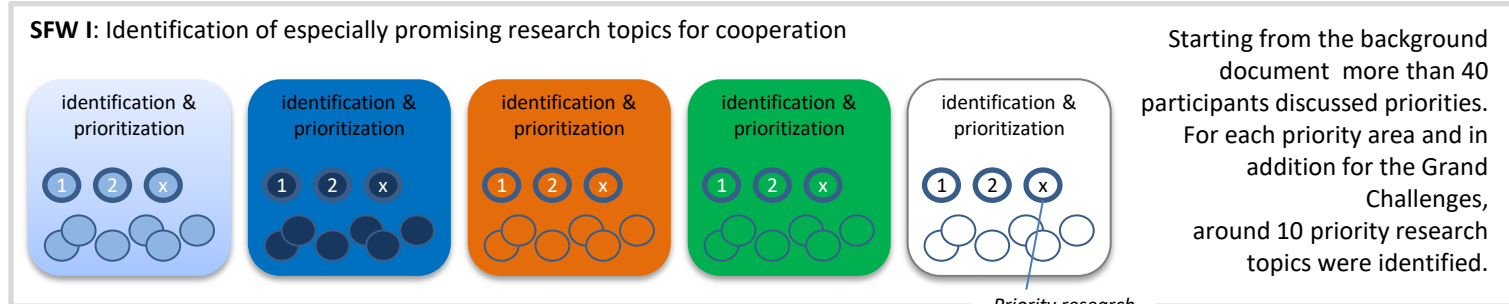
Task 1.2. Applying strategic foresight to **identify emerging topics** for Brazil and EU R&I cooperation activities

Task 1.3. Designing strategic R&I cooperation **action plans** to foster cooperation patterns in priority areas

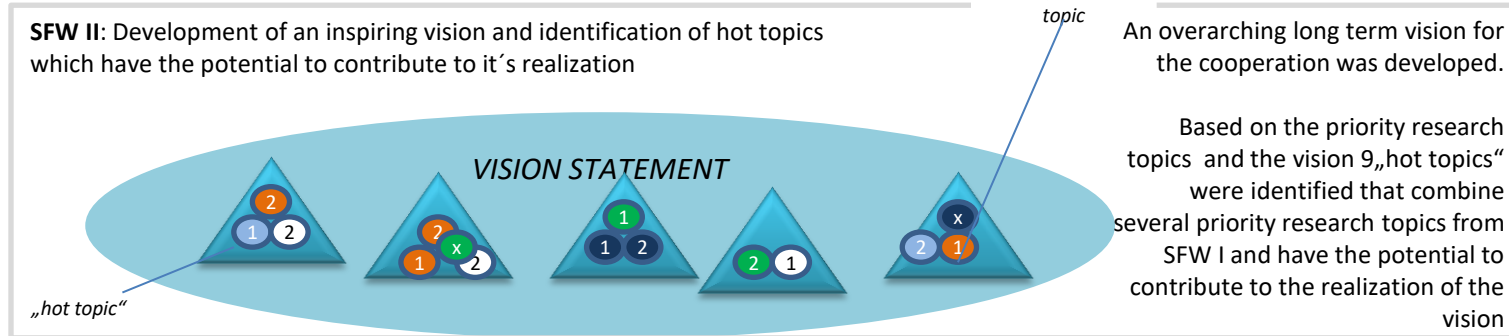
Task 1.4. Mobilizing for the implementation of the strategic R&I cooperation action plans



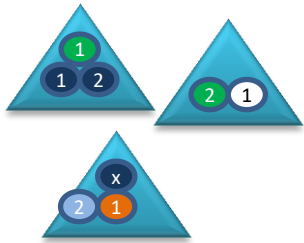
**Campinas,
Brazil
Nov. 2016**



**Frankfurt,
Germany
Jan. 2017**



Potential Hot Topics



- I. **Sustainable Bioeconomy:** Strong focus on integration of food and feed stock as well as rational and effective use of industrial and agricultural waste/effluent
- II. **Food Security:** Based on the aim of zero food waste (waste streams from agri-production to house hold consumption) and well balanced nutritional status
- III. **Smart Cities** – Urban systems for transport, energy, and resource distribution based on integrated sensors and connected appliances and machines.
- IV. **Advanced Manufacturing** – Automated de-centralized manufacturing techniques that enable new products while improving resource efficiency to zero-waste.
- V. **Solutions for the Elderly**
- VI. **Sustainable Use of Biodiversity for New Therapies and Conservation of Biodiversity** – Conserving bio-diversity for genetic research and advances in healthcare, and industrial processes.
- VII. **Gene Therapy** – Research into genetic approaches for treatment of various health issues and conditions.
- VIII. **Adaptation of Agriculture to Climate Change** - Exploring technologies and techniques that can maintain and improve agricultural output in the face of changing climate conditions.
- IX. **Green Energy:** Combining wind energy and biomass use, green house gas reduction technology

Action Plans

Draft Presentation

Sao Paulo, Brazil

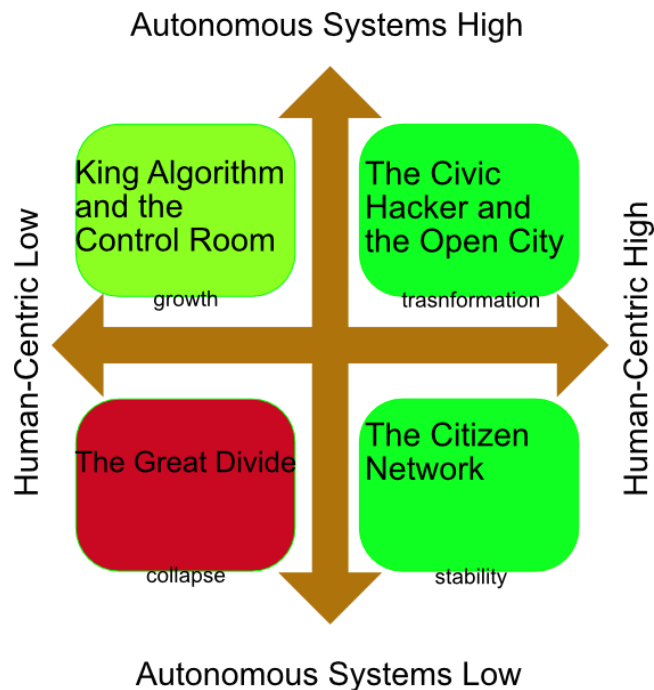
June 2017

Five Strategic Areas for Cooperation & Draft Action Plans

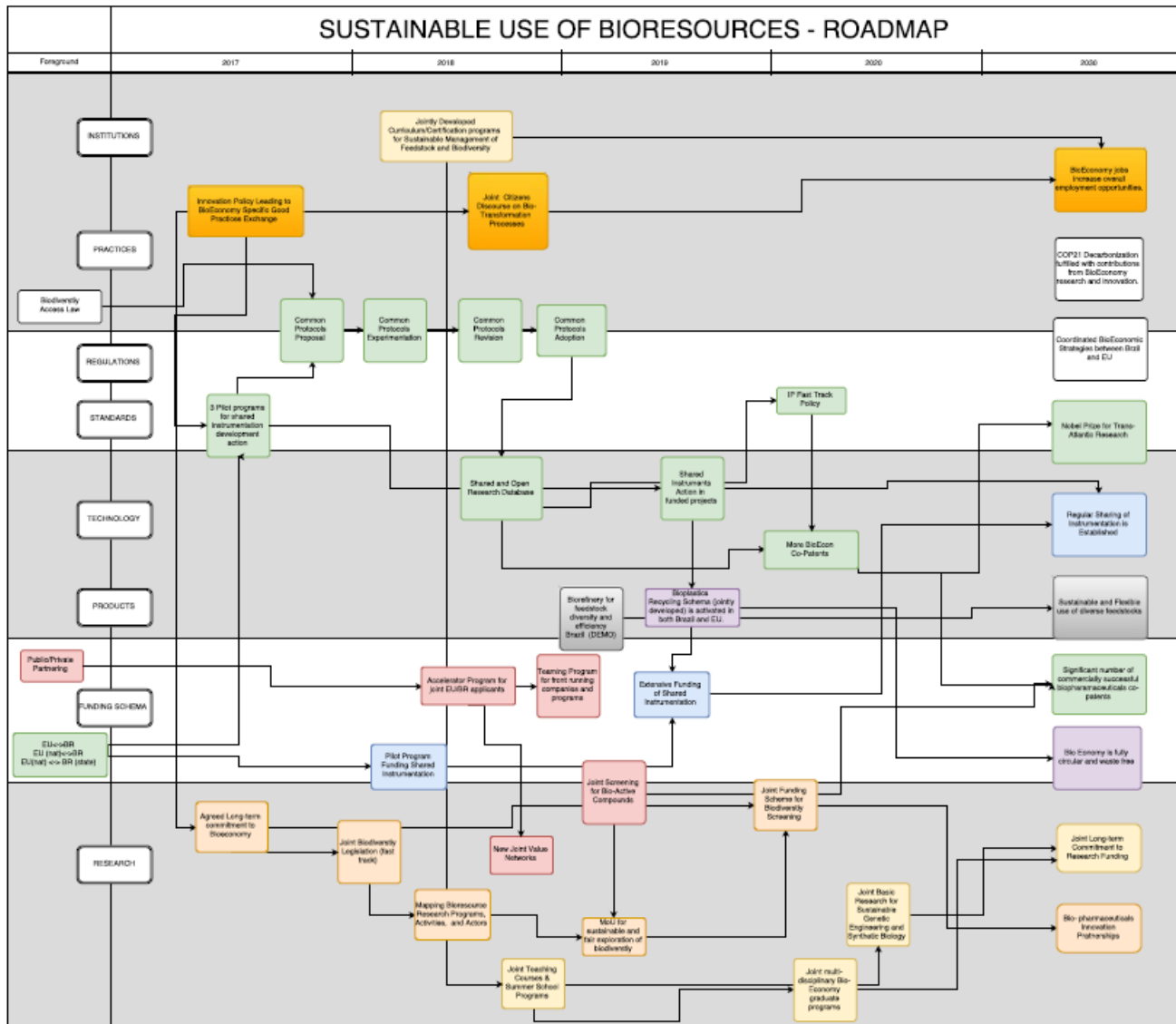
- **Areas for mutually beneficial R&I collaboration:**
 - Green energy
 - Sustainable use of Bioresources (bulk and specific)
 - Food security & adaptation of agriculture to climate change
 - Smart cities & smart systems
 - Advanced manufacturing and nanomaterials

- **Each Action Plan developed by appropriate institution**
- **Process:**
 - Development of theme specific 2x2 scenario matrix
 - Short descriptions of four alternative scenarios
 - Identification of priorities and critical areas
 - Roadmapping Activity for detailed Action Plans

PRIORITY AREAS



- **Citizen engagement** - including distributed governance sharing economy
- **Ecosystems of wellbeing** - including urban environment, health and social security
- **Privacy and Security** - including blockchain, data policies and analytics
- **New economies** - including fintech, cryptocurrencies and collaborative economy
- **Internet of Everything** - including autonomous systems, sensors, big data and analytics
- **Entrepreneurship** - including innovation ecosystems, urban solutions and social innovation



Institutions & Practices

Regulations & Standards

Technology & Products

Research Policies & Agenda

Funding Schema



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Participant Question:

What do you consider the top priority for R&I in IoT?

Participant Question:

Michael Memeteau:

How the dimensions of the 2 x 2 scenario matrix were chosen...?

Participant Question:

Pedro Schaan:

Guilherme, could you share this info with us? Share your e-mail?

`guilherme.correa@mctic.gov.br`

Participant Question:

Michael Memeteau:

Are the tax reduction schemes still available in Brazil for IoT projects. Which kind of taxes reduction are we talking about?

Participant Question:

Gabriella Martisn:


EU-BR are thinking about to create bridges on small scale?! I mean, the brokerage event and the marketplace are ways to make the contact from small to small, but mainly funding is still quite of hard to small actors?

Participant Question:

Fatima Dargam - Are SMEs going to be allowed to enter consortia in the Brazilian side next time or only start-ups??

Participant Question:

Is the National Contact Point going to remain with the USP Professor Martucci or is it going to change?

<p>1. Werkbund, Gabriella Martins, hello@werkbund.com.br (http://www.werkbund.club/) Brazil</p>	 The logo for Werkbund, featuring the word "WERKBUND" in a stylized, outlined font. The letters are black with white interiors, and the "B" is significantly larger than the other letters.
<p>2. Pippet, Baptiste Derongs, baptiste@pippet.com (http://www.pippet.com/) France</p>	 The logo for Pippet, featuring a speech bubble icon with a circular arrow inside, positioned above the word "Pippet" in a clean, sans-serif font.
<p>3. Route4U, Tibor Dobai, Tibor.Dobai@route4u.org (https://route4u.org/) Hungary</p>	 The logo for Route4U, featuring a blue circular arrow with a red staircase-like shape inside, symbolizing a path or route.
<p>4. One Sports, Alexandre Alvaro, alexandre@1sports.com.br (http://onesports.com.br/en/) Brazil</p>	 The logo for One Sports, featuring the word "ONE" in a stylized, bold font with a blue-to-orange gradient, and the word "sports" in a smaller, orange font below it.

5. NESTO, Michaël Memeteau, mmu@nesto.io
(<http://nesto.io>) Portugal



6. SaMMY, Ioannis Kostopoulos,
kostopul@gmail.com
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Greece



7. Car Pay Diem, Frédéric Stiernon,
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(<http://www.carpay-diem.com/>) France

