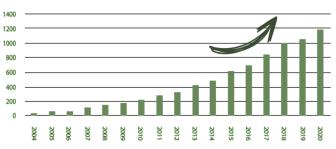
Brazilian Bioeconomy The role of biofuels

Brazilian publications deal mainly with the energy sector, focusing on the production of biofuels such as ethanol and biodiesel. There is also a strong presence of studies focused on agricultural techniques, mainly related to the sugarcane sector; and the great interest in reusing and valuing waste.

Number of papers



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12 - Sustainable cities and urban waste management

- 13 Indicators and sustainability avaliantion
 - 15 Amazon and ecosystem services
 - 1 agricultural production systems
 - 10 Adsorption and biochar
 - 7 Pyrolysis using biomass
 - 8 pretreatment and enzymatic hydrolysis

5 - Enzyme production via solid state fermentation

14 - corporate sustainability

- 4 evaluation and use of biodiesel 2 - challenges and solutions for vinasse
- 3 biodiesel and other products from microalgae
- 9 Ethanol production and co-generation
- 6 fermentation para ethanol production
- 11 xylose and xylitol





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Know more about OBio:

Brazilian Bioeconomy The role of biofuels

The series of thematic reports occurs in the scope of the Bioeconomy Observatory (Observatório de Bioeconomia - OBio), whose mission is to support the development of the Brazilian bioeconomy by providing strategic intelligence to support decision-making in public, academic, and business policies. The OBio also creates an integrated, structured, and interactive space to orchestrate the creation, analysis and sharing of knowledge about bioeconomy. In this context, the Center for Strategic Studies and Management (CGEE) developed a study that aims to deepen the topic of Brazilian bioeconomy by surveying national scientific production

Bieconomy definition

"The bioeconomy comprises all economic activity derived from bioprocesses and bioproducts that contributes to efficient solutions in the use of biological resources - facing challenges in food, chemicals, materials, energy production, health, environmental services, and environmental protection - that promote the transition to a new model of sustainable development and societal well-being" (CGEE, 2020).



Methods

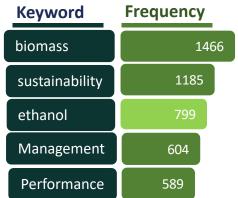
Snowball methodology



8,951 papers

web of Science database





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Access the study:





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