



- Hi nice to meet you

I am conducting research on the use of briquetizing or pelletizing residual biomass in Colombia for the master's course in renewable energy.

I would like you to tell me what investigations you know of or where I could investigate in this regard, I am doing a topic related to technological surveillance and competitive intelligence, pelletizing or briquetizing technologies in Colombia, I want to analyze technology variables, which residual biomass would be more appropriate to use, product life cycle, and the entire pellet supply chain, up to its commercialization.

This is because in Colombia it is not used, and I am investigating with a private company the potential that may exist.

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Ok

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Thank you!

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Do you have the details of surplus Biomass availability of biomass in colombia ?



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What are the different types of available biomass ?

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There are several types of residual biomass:

1. Biomass from transitory and permanent crops:
rice, corn, coffee, bananas, plantains, sugar cane, oil palm
2. Livestock sector:
Poultry for egg and meat production
Dairy and meat production cattle
Technified and non-technified farm pigs.
3. Solid urban waste



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these residues have been investigated by the energy research entity in Colombia.

- Reaccionar con 👍 1

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15 JUN 2023



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To gather information for your research, I recommend considering the following avenues:

Academic Research Papers: Conduct a literature review by searching for research papers and studies published by universities, research institutions, and academic journals. Platforms like Google Scholar, ResearchGate, and academic databases such as IEEE Xplore, ScienceDirect, and JSTOR can provide a wealth of relevant information on technological advancements, biomass suitability, life cycle analysis, and supply chain aspects.

Government Reports and Policies: Explore reports, policies, and initiatives related to renewable energy and biomass utilization published by government agencies in Colombia. These sources can provide insights into the national energy goals, biomass potential, and any existing plans or regulations related to biomass pelletization or briquetting. Contacting relevant government agencies directly can also yield valuable information.

Industry Associations and Trade Organizations: Engage with industry associations and trade organizations in Colombia that focus on renewable energy or biomass utilization. These organizations often provide resources, reports, and case studies related to biomass pelletization or briquetting technologies and their commercialization. Connecting with professionals from these associations may provide valuable insights.

Private Companies and Technology Providers: Reach out to private companies in Colombia that specialize in biomass utilization, pelletization, or briquetting. These companies may have proprietary technologies, case studies, or expertise to share. By explaining your research objectives, you may be able to gain insights or even collaborate with them.

International Case Studies: Look for case studies from other countries that have successfully implemented biomass pelletization or briquetting technologies. Analyzing successful examples can provide valuable insights into technology variables, biomass selection, life cycle analysis, and supply chain considerations. These international case studies can serve as benchmarks for the potential implementation in Colombia.

Additionally, consider attending relevant conferences, seminars, or workshops related to renewable energy or biomass utilization in Colombia. These events often feature experts and industry professionals who can share their knowledge and experiences.

- Best of luck with your investigation, and I hope you find valuable insights to support your work. If you have any further questions or require additional assistance, please feel free to ask.