

Review of: "Recycling of Waste Bamboo (*Bambusa vulgaris*) into Value-Added Platform Chemicals: Bioethanol and Bioethylene"

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Potential competing interests: No potential competing interests to declare.

The topic and work are intriguing. The authors have explored the recycling of waste bamboo into valuable platform chemicals like bioethanol and bio-ethylene. They have provided a clear, step-by-step explanation of the bamboo conversion process into these platform chemicals. However, before publication, some modifications are necessary. Here are my comments:

1. It's important to consider why the authors are exclusively focusing on bioethanol and bio-ethylene. Given that bamboo primarily contains cellulose, could the authors elaborate on why they chose these specific platform chemicals over others?
2. The authors should provide clearer representations of the yields from both the Separate Hydrolysis and Fermentation (SHF) and Simultaneous Hydrolysis and Fermentation (SSF) processes. This would enhance the clarity and comprehensibility of the manuscript.
3. The authors have assigned figure numbers, but these figures have not been referenced or discussed in the text throughout the entire manuscript.
4. To enhance readability, it would be beneficial for the authors to include a comparative table showcasing the properties of bio-ethanol and conventional ethanol for easy reference and comparison.