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

Soban Ahmad Faridi[1]

1 Integral University

Potential competing interests: No potential competing interests to declare.

This research offers valuable insights into the potential of bamboo waste for biofuel production. By incorporating the suggested improvements, the authors can strengthen the manuscript and make a significant contribution to the field of sustainable biorefinery.

1. Consider expanding the literature review to discuss existing research on bamboo conversion into biofuels and the specific advantages of Bambusa vulgaris. Citing relevant sources would strengthen the background information.
2. The discussion acknowledges the lack of equipment for bio-ethylene characterization. It would be beneficial to elaborate on other potential limitations of the study, such as the scale of the experiment and the potential for inconsistencies.
3. The future research directions are well-identified, but you could strengthen this section by suggesting specific methods for optimizing pre-treatment and purification processes. Additionally, mentioning potential catalysts for bio-ethylene dehydration would be helpful.
4. Some typographical errors can easily be identified and rectified.
5. Data representation can be improved by using graphs rather than tables.
6. The study is good but needs to be well represented.