

Review of: "Valorization of palm oil wastes into oyster mushrooms (Pleurotus HK-37) and biogas production"

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Potential competing interests: No potential competing interests to declare.

The manuscript entitled 'Valorization of palm oil wastes into oyster mushrooms (Pleurotus HK-37) and biogas production' is an excellent work been done in obtaining a circular economy in palm oil industry.

However, the manuscript requires further polishing in terms of the followings:

1. The Introduction section should be inclusive of current scenario of palm oil production, main countries with palm oil plantations, waste management for the palm oil processing, and problems faced in the waste management, and environment impact.
2. Label each equation mentioned in the text with (Equation 1, Equation 2 and etc.).
3. The summary for all the blends have been stated in this Table 1. Hence, no need to repeat the blending conditions in the text. Only need to mention the blend number.
4. Add reference to the method used for spawning.
5. Each number of Tables and Figures need to be mentioned in text and discuss.
6. Insert some labels in this Figure 2 showing the cap diameter, stipe length, mushroom size etc and explain the difference between cap diameter and mushroom size.
7. All Tables need to be standardized in one format.
8. Figure resolution (example Figure 3) needs to be improved.
9. Figure 4: How can the methane yield obtained in negative values? Is that possible.
10. Check carefully and correct all technical errors, syntax errors throughout the manuscript.