

# Review of: "The Application of PROMETHEE with the recalculated weight method as a more accurate measurement for the selection of the best Hybrid Renewable Energy Technology for a slum building"

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**Potential competing interests:** The author(s) declared that no potential competing interests exist.

Dear Author,

the paper deals with an interesting topic for multi-criteria decision-making. However, in order to improve its quality and to be published, there are some concerns to be considered:

- In the Introduction, a comprehensive literature review is missing. It is fundamental to understand what similar studies on the same topic have done and which is the novelty of this research;
- In the Introduction, before speaking about multi-criteria methods to support decision-making about renewable energy technologies, authors should mention why this family of method is more appropriate than other methodologies to deal with this issue;
- Authors should also justify the choice of the multi-criteria methods (PROMETHEE and the others) applied in the paper;
- It is not clear how the different alternatives to be assessed are defined; authors should better explain the process of alternatives generation;
- At the same time, it is not clear which are the criteria used for the evaluation and how they are defined (through a literature review process?)
- Concerning the general structure of the paper, it is cumbersome to read. Formula are not well explained and the text is too fragmented. To help the reader following the whole process, authors could ass some summary graph to explain the different steps in the process and then going into the detail of each steps.

I suggest to implement these points before publishing this paper.