

# Review of: "How Blockchain Technology Can Address Circularity and Trace Emission in the Energy Sector"

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**Potential competing interests:** No potential competing interests to declare.

It was a pleasure reading this article on a very interesting and topical subject.

However, I think that some minor adjustments could be considered:

1. Some structural revisions, for example:

1. merging title 2. and 3.
2. Subtitle 4.2. is also not solely focused on energy while it is a part of title 4. CO2 Circularity in the energy sector. On the one hand, I understand why you included it in title 4 but, on the other hand, it still feels a bit out of place;
3. A further division of 4.3. in subtitles focused on the various examples could also increase the readability.

2. Some elements require a bit more explanation:

1. Circularity is not solely focused on more recycling (on the contrary). At various instances throughout the paper, you give the impression that circularity is strongly linked to recycling (e.g. "*Circularity requires the need for tracing substances and devices, food and products, to retrieve and recycle as much as possible*"). Clarify your view about circularity.
2. In subtitle 4.2., you mention the use of a public, permissioned blockchain. You could consider to give a brief explanation of these terms. Throughout the text, there might be other technical terms that require some more explanation.
3. The mentioned examples are interesting and relevant but sometimes it feels too good to be true. Are there any downsides or negative aspects? A more critical approach is recommended.

3. Lastly, I would like to read your view on the future. What can or should we expect? What is needed? etc.

Good luck!