

Peer Review

Review of: "New Perspectives on Growth and Sustainability. Glimpses into the AI Industrial Revolution"

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The main idea of this paper is interesting. Using GDP per unit of energy is a smart way to show efficiency, and the history you include makes it timely.

The biggest thing to work on is the link between your data and the part about AI. Right now, the data in the first part and the talk about AI in the second part feel like two separate stories. It makes the idea that AI will lower efficiency feel more like a guess than a proven fact.

Also, be careful with the results for underdeveloped countries, as the high EPE could be driven by how energy use is recorded or the structure of GDP, and if so, it should be mentioned.

Overall, the draft is promising. It just needs a cleaner bridge between the EPE evidence and the AI narrative, and more careful phrasing about what the data shows versus what the paper expects may happen.

Declarations

Potential competing interests: No potential competing interests to declare.