

# Review of: "Quantifying the Environmental Impact: A Comparative Analysis of Consensus Algorithms in Blockchain for Carbon Footprint Reduction and Mitigating Climate Change"

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Potential competing interests: No potential competing interests to declare.

This paper proposes a Comparative Analysis of various Consensus Algorithms in Blockchain for Carbon Footprint Reduction, which is critical in nature.

A few formulas and examples are presented, which is good; however, the implementation challenges of each of these suggested formulas are not thoroughly discussed.

Literature survey has been done thoroughly; however, how that survey helped in arriving at the following formula is not discussed in detail. There are other factors that get added to this formula, which can be discussed.

Carbon Footprint = Energy Consumption × Carbon Intensity Factor.