Enhancing trust in carbon offset markets

Minh-Phuong Thi Duong
Ton Duc Thang University

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"All the birds clap loudly and cheerfully because the emission reduction goal is accomplished. The Earth will become beautiful again like it used to be, and the pond will have plenty of fish".

—In "GHG Emissions"; *The Kingfisher Story Collection* (2022)

[SCIENCE COMMUNICATION]

A recent report revealed a staggering 61% drop in the market value of carbon offsets, attributed to adverse findings from both the scientific community and the media. These findings have raised concerns about the effectiveness of carbon credit projects, leading investors to reduce their involvement or withdraw completely, thereby substantially decreasing the market's overall value [1,2]. This reluctance among buyers is fueled by escalating skepticism about the actual environmental impact of these projects and concerns over potential "greenwashing," where companies misleadingly present their environmental practices as more eco-friendly than they are [3].

The report also raises questions about the future of carbon offset markets, highlighting uncertainty regarding their long-term viability due to declining investor confidence and doubts about project effectiveness.

The implications for climate action are significant. Carbon offsets, a crucial tool for emissions reduction, involve compensating for emissions by funding emission reduction projects [4]. They allow companies and governments to decrease their net emissions.

With the market shrinking, it may become more challenging and costly for entities to offset their emissions effectively, potentially slowing progress toward global climate goals and hindering efforts to mitigate climate change impacts [5].

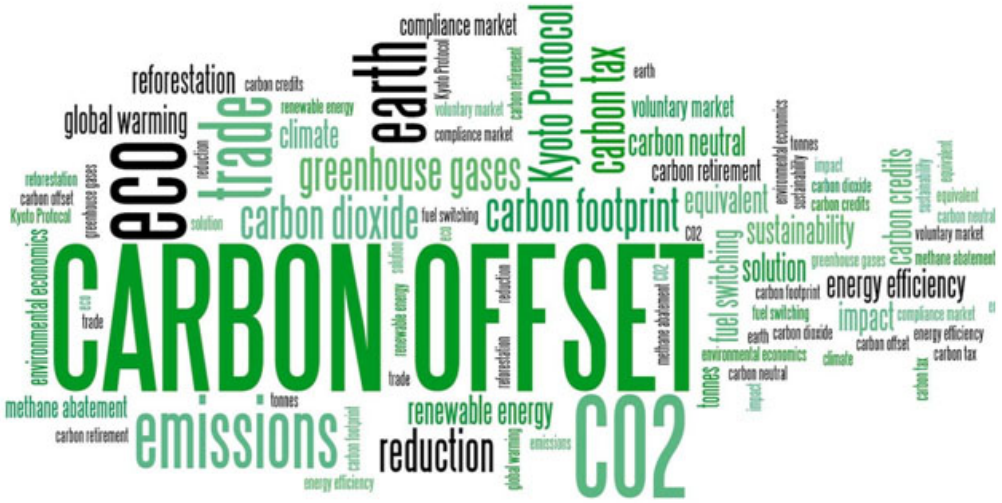

Illustration. Source. https://www.greenbiz.com/article/white-house-issues-7-new-principles-restore-integrity-carbon-markets

Addressing the issues highlighted in the report, such as improving the quality and transparency of carbon offset projects, is essential for restoring market confidence and ensuring these projects effectively combat climate change [4].

Additionally, continued investment in alternative emissions reduction strategies, including renewable energy and sustainable practices, is crucial for achieving long-term climate objectives [6]. Key actions include enhancing transparency and verification, improving oversight, and increasing financing for forest conservation [7]. By integrating these efforts—enhancing carbon offset projects and investing in sustainable practices—we can more effectively address climate change and gradually rebuild confidence in the carbon offset market.

References

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