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**A brief description of the novelty and importance of the findings detailed in the paper**

Efforts to disseminate biogas technology amongst rural communities in Zimbabwe were reignited in 2012 following a partnership between the government and development agencies. The National Domestic Biogas Programme was thereafter launched with an aim to establish a vibrant biogas sector set to benefit many rural households across the country. Given the inter-related challenges of poverty and energy demand, climate change, indoor air pollution and human health, accelerated and large scale dissemination of biogas technology is now necessary more than ever (Hivos, 2012). Regrettably though, benefits and challenges of adopting and using the technology have never been comprehensively documented from the users’ perspective, information that is critical to guide sustainable adoption and implementation of biogas initiatives. This paper therefore seeks to understand the challenges and opportunities of biogas technology adoption in communal areas of Zimbabwe to achieve sustainable development goal seven (SDG7) which seeks to ensure access to affordable, reliable, sustainable and modern energy for all.

**Declaration**

This research article is original work and it has not been submitted to any other publishing site. No part of this research project should be reproduced without the authors consent.

**Conflict of Interest**

The authors declare no conflict of interest.

**Informed Consent**

Written consent was obtained from all participants prior to the study.

**Ethical Approval**

The paper received the ethical approval from the Department of Geography and Environmental Studies, Midlands State University, Zimbabwe.

**Author contributions**

All authors contributed to the study conception and design. Material preparation, data collection and analysis were performed by [Thomas Marambanyika], [Shingirayi Sakarombe], [Tatenda Musasa] and [Rameck Defe]. The first draft of the manuscript was written by [Shingirayi Sakarombe and Tatenda Musasa] and all authors commented on previous versions of the manuscript. All authors read and approved the final manuscript.