A Systematic Review to Identify the Effectiveness of Greenhouse Gas Mitigation Interventions for Healthcare Systems in Low- and Middle-Income Countries

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Annex 3 Global Warming Potential

Global Warming Potential (GWP) is a metric devised to evaluate and compare the climate-warming effects of different gases. Essentially, it gauges the amount of energy a ton of a particular gas will trap over a set duration, most commonly 100 years, in relation to a ton of carbon dioxide (CO2). Higher GWP values indicate that the gas has a more pronounced warming effect than CO2 over the stipulated period. This standardized measure allows for compiling comprehensive greenhouse gas inventories and assessing emission reduction prospects across various sectors and gases. (1)

References

1. United States Environmental Protection Agency. Understanding Global Warming Potentials [Internet]. 2023 [cited 2023 Oct 9]. Available from: https://www.epa.gov/ghgemissions/understanding-global-warming-potentials