



Low Emissions Development Program

Simplifying Green House Gas Calculations

WHAT IS IT?

The CLEER Tool is a user-friendly calculator based on internationally-accepted methodologies, enabling users to calculate emissions reduced or avoided from clean energy activities. The tool helps users to:

- Estimate, track, and report greenhouse gases (GHGs) reduced or avoided from clean energy,
- Estimate and project the amount of energy generated or saved from clean energy activities,
- Identify high impact activities with cost-effective GHG reductions,
- Evaluate the emissions reduction potential of planned activities and possible alternatives, and
- Estimate projected GHG emissions reduced or avoided to 2030.

The South African Low Emissions Development Program, funded by USAID, hosted two pilot training sessions on the Clean Energy Emission Reduction Tool for various municipal and government officials from around the country. Under the Global Climate Change Initiative, USAID's Clean Energy activities promote the use of renewable energy and energy efficiency technologies, build human and institutional capacity, and improve the enabling environment for clean energy investment and deployment. The SA LED training sessions was well received by the participants which included representatives from the Department of Environmental Affairs (DEA), International Council for Local Environmental Initiatives (ICLEI) and Sustainable Energy Africa (SEA). Extensive discussions around the tool were held and the general consensus was that the tool could be useful to municipalities, and the roll-out of training country-wide would be of value. Feedback from participants highlighted that the tool was of value for various reasons. Firstly, the tool is based on the internationally accepted GHG protocols which allows for full reporting of all calculated values; the tool is very easy to use even for people with limited understanding of GHG accounting; and the tool follows a logical progression which leads users through the process. The success of these pilot training sessions will allow for various roll out of workshops for municipalities across the country.

To find out more information on how the calculation tools are done, watch this training video [HERE](#)

SA-LED AND THE CLEER TOOL

HOW DOES IT WORK?



CLEAN ENERGY EMISSION REDUCTION TOOL



WATCH SA-LED HIGHLIGHTS VIDEO [HERE](#)



USER GUIDE FOR CLEER TOOL [HERE](#)