



OpenHAP

Use of Low-Cost Technology in
Monitoring Indoor Air Pollution

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1. About EED Advisory Ltd

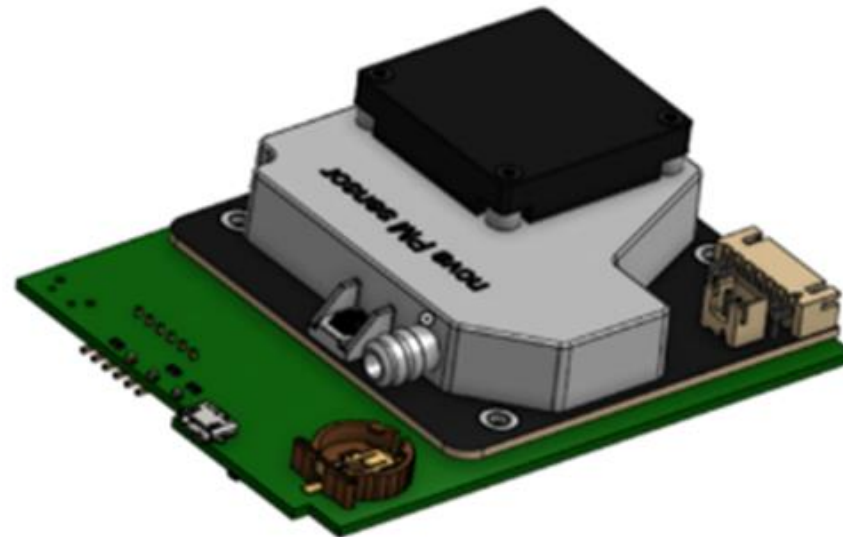
- EED Advisory is an indigenous Pan African consulting firm offering world-class **technical, analytical and advisory** services in the **climate change, energy and the water sectors**, with a footprint in **18 African countries** including Mozambique, Ethiopia and Senegal.



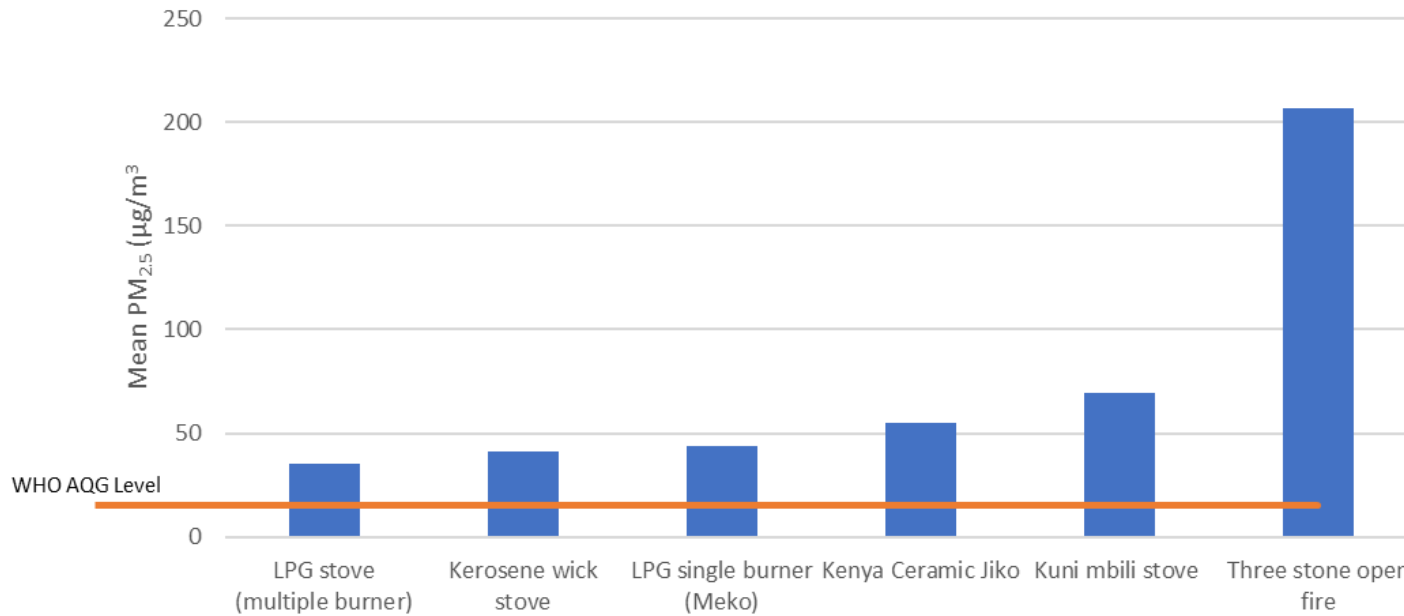
2. About the Project

Goals

- Design and evaluate the performance of a low-cost integrated HAP, proximity, and stove use sensor
- Demonstrate the utility of the instrumentation by measuring HAP in 100 Kenyan homes



3. Project Outcomes



Results

- Low-cost sensor found to provide useable relative HAP measurements
- Clear evidence base for promotion for electric cooking, bioethanol, LPG and even kerosene stoves compared to traditional/Improved charcoal/wood stoves