



Appropriate Energy Saving Technologies Limited

"Increasing Access to Affordable and Clean Energy Saving Solutions"

Appropriate Energy Saving Technologies (AEST) LTD is woman-led social enterprise that creates livelihood opportunities for women in the cook stove and fuel value chain in Eastern Uganda. The enterprise aims to eradicate over dependence on wood fuel in Uganda by making organic charcoal for cooking from agricultural waste as an alternative to wood fuel.

**INCREASING ACCESS TO AFFORDABLE AND CLEAN ENERGY
SAVING SOLUTIONS**

aestug.com





APPROPRIATE ENERGY SAVING TECHNOLOGIES (AEST)

ENVIRONMENTAL
PROTECTION || SOCIAL
VALUE || TEAM WORK ||
PARTNERSHIP || INTEGRITY
|| ACCOUNTABILITY

CONTACT

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SOCIAL MEDIA/WEB PRESENCE

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STORY

Witnessing the issues such as women's time-consuming work to collect woods, severe indoor air pollution and deforestation, Betty hopes to change the status quo.

In 2006, she went to New York to explore the possible solutions. Her story was published online, which attract the attention of a group of professors and students from MIT D-Lab. In addition, she got USD \$25,000 from MIT to start her business. Since then, she build long term cooperation relations with MIT. Students from D-Lab will visit AEST in Uganda twice a year to solve the technological issues in production.

HISTORY

- AEST was founded in 2012 by Betty Ikalany as a NGO at that time. The company aims to increase usage of affordable clean energy solutions for low income households and institutions.
- AEST started its production in 2014. Through the cooperation with organizations such as MIT D-Lab and Global Alliance for Clean Cookstoves, AEST has achieved the sustainability of their business and made strong impact on environment, health and women.

PRODUCTS & TECHNOLOGY



High-efficiency Cook stoves
Design and test by MIT D-Lab



Charcoal Briquettes
Made from agricultural waste

KEY ACHIEVEMENTS

FUNDRAISE TRACK RECORD & AWARDS

- The EILEEN FISHER Women-Owned Business Grant
- Women's Empowerment Fund (WEF) grant
- The SEED Awards for Entrepreneurship in Sustainable Development
- African Start-up Award

ACHIEVEMENTS

- Save 40% - 50% of the fuel
- 80% of the company employees are women
- Move to new factory of one acre to leverage production

TARGETS

- By the end of 2018, foster a distribution network of 200 micro entrepreneurs, mostly women
- Test the new drying technology in April, 2018