

# EEP AFRICA ADVANCES CLEAN COOKING SOLUTIONS

EEP Africa supports a range of early stage projects that are developing innovative solutions in the clean cooking sector. Some projects are establishing local African production facilities for improved cookstoves and sustainably produced fuels. Others are focusing on distribution and payment solutions to identify efficient methods for bringing clean cooking products to market, increasing consumer demand, and reaching the poorest households. In recent years, the development of financially viable business models has taken significant steps forward in Africa.

Projects that increase the uptake of clean cooking methods have a significant development impact in terms of improved health, household savings and reduction of greenhouse gas emissions. The new generation of improved cookstoves are energy efficient, saving households up to 50% in fuel costs. Local production of affordable, sustainably sourced fuels provide further cost savings and benefits to health and productivity. In many cases, the product or distribution network offers additional services such as lighting and access to electricity.



## EEP AFRICA KEY RESULTS IN CLEAN COOKING

Projects in the EEP Africa portfolio (cookstoves, biomass, biogas, waste-to-energy) since 2010:

**44** 

EEP Africa financing invested

**€10M** 

Cumulative tonnes of CO<sub>2</sub> emission reductions potentially achieved

**796,000** 

### COUNTRY

Botswana .....	1
Burundi .....	1
Kenya .....	14
Lesotho .....	1
Mozambique .....	5
Namibia .....	2
Regional (multi-country) ..	4
Rwanda .....	1
South Africa .....	4
Swaziland .....	1
Tanzania .....	2
Uganda .....	3
Zambia .....	5

Economic benefits achieved through household savings and income generation

**€44M** 

Number of rural and urban households with improved access

**308,520** 

**3,775**

  
Number of direct jobs created

**79%**

  
for women (1,696) or youth (901)

## EEP AFRICA PROJECT HIGHLIGHTS

**UGASTOVE** is a women-owned and run manufacturer of improved cookstoves in Uganda. During its EEP Africa project, UGASTOVE sold over 28,600 improved cookstoves and built a local factory that can produce 4,000 cookstoves per month. UGASTOVE reaches bottom of the pyramid customers and offers training to users through innovative development partnerships.



**EMERGING COOKING SOLUTIONS (ECS)** is a Zambian-Swedish company providing high-efficiency stoves that use sustainable biomass pellets. With support from EEP Africa, ECS has sold over 11,000 domestic and 100 institutional forced air gasifier clean cookstoves and set up Zambia's first factory for pelletized waste-biomass. The pellets are 30-40% cheaper than using charcoal.

**BURN** is a Kenyan company that created the first modern manufacturing facility for clean cookstoves in East Africa. Local production created new jobs and reduced costs. During its EEP Africa project, BURN produced close to 100,000 of its trademarked Jikokoa cookstove, which has been shown to reduce emissions by 65%, improving the health and lives of 500,000 people.

**INYENYERI** is a Rwandan company that distributes the forced air gasifier clean cookstoves together with monthly subscriptions to biomass fuel pellets. The subscription plan has different levels and includes technical support. Inyenyeri has a tandem market approach: urban customers drive purchases while rural Rwandans can trade collected biomass for fuel pellets.

### 2019 GENDER-THEMED CALL FOR PROPOSALS:

In 2019, EEP Africa conducted a themed call for proposals to promote gender inclusions and new leadership and economic opportunities for women in the renewable energy sector. The call attracted a significant number of strong applications in the clean cooking sector.

- 19%** of **285** applications proposed innovative clean cooking solutions
- 79%** of clean cooking applications submitted by women-led organisations
- 5** new clean cooking projects approved with total financing of **EUR 1.25 million**

