



Saving lives and forests through the design, manufacture, and distribution of clean-burning cookstoves in Sub-Saharan Africa



In 2015, BURN received the Ashden 'Clean Energy for Women and Girls' Award. We are honored to have our work recognized by The Ashden International Awards, the world's leading green energy awards.

Traditional Cookstoves Threaten Lives and Forests

-This year, 550,000 people in Sub-Saharan Africa will die from cookstove emissions

-85% of urban households use charcoal, spending \$200 to \$500 each year

-52% of forest loss in SSA (Dalberg, 2012)



Revolutionizing the Clean Cookstove Sector

- 325,000 jikokoa™ stoves sold since 2013.
- These stoves have transformed the lives of 1.7 million people, helping them reduce:
 - charcoal consumption by **56%**
 - fuel expenditures by **\$150-200/year**.
 - PM_{2.5} and CO₂ emissions by **65%**
 - fuel costs by **\$64 million**
 - wood consumption by **1.1 million tons**
 - CO₂ emissions by **1.5 million tons**



Revolutionizing Cookstove Manufacturing



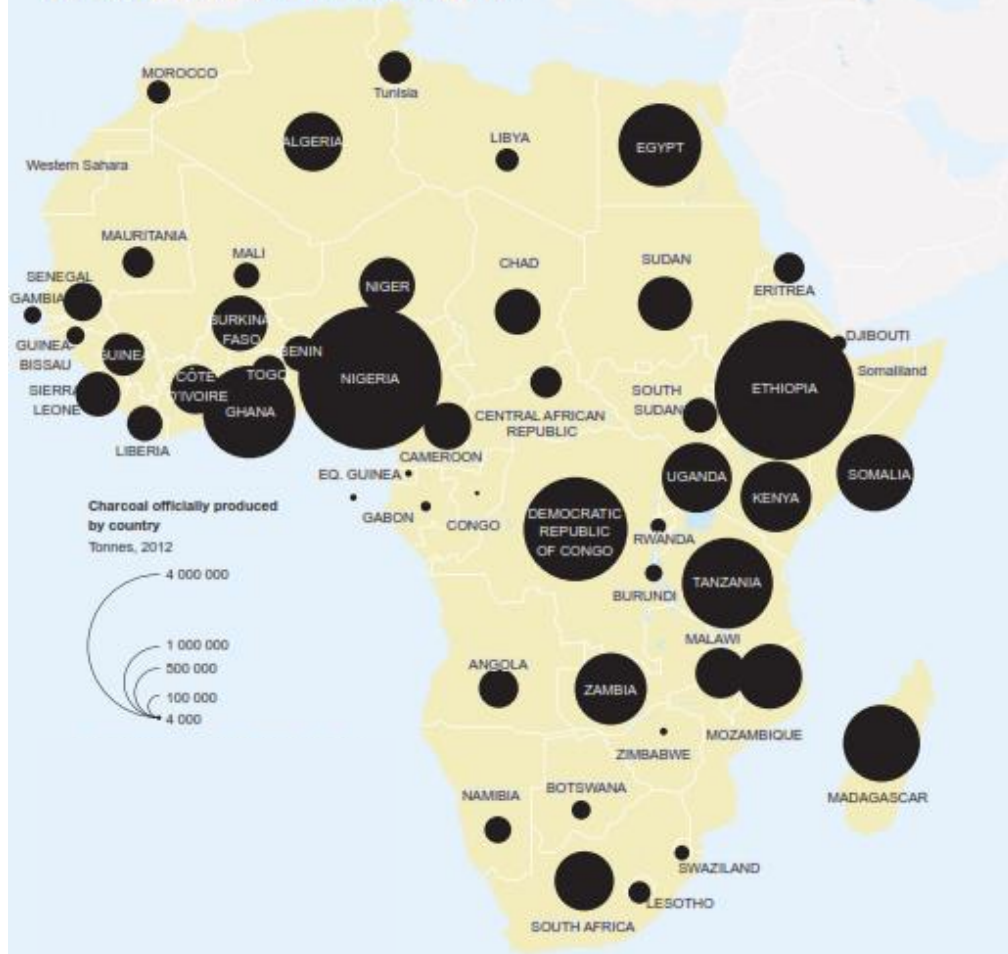
In November 2014, BURN launched Sub-Saharan Africa's first and only modern cookstove manufacturing facility in Kenya. BURN employs 250+ people - more than half of whom are women - and produces a stove every 30 seconds.

Revolutionizing Household Health

The jikokoa™ meets ISO/IWA Tier '4' ratings - the highest possible rating for performance and health impact - in 7 out of 9 categories, including PM_{2.5}.



Wood charcoal production in Africa



- Sub-Saharan Africa consumes **30** million tons of charcoal/yr
 - Spend **\$15** billion/yr
 - Projected to double by 2030



The jikokoa, if adopted across the continent, could save **\$8 billion** and **150 million** tons of wood each year

The kuniokoa™

Launched: February 2016



- Most fuel-efficient 'Rocket' stove ever tested, attaining a High Power Thermal Efficiency of **40.4%** (University of Washington)
- uses **31% less fuel** and produces **71% less PM_{2.5}** than the leading US/Chinese Rocket Stove (University of Nairobi) .
- ISO/IWA Tier '3' in 6 out of 8 categories.
- **MSRP: \$35**