

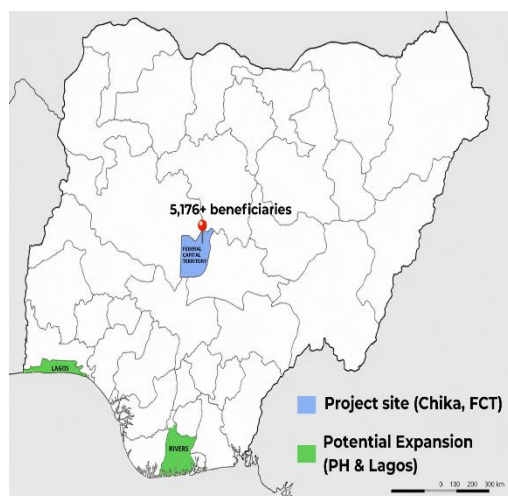
“COOKBLU - TRASH2COOK INITIATIVE”

FACT SHEET

Project Duration: 3+ years
Beneficiaries: 5,176+
Gender Ratio: F - 2,773: M - 2,403
Project Location: Chika Airport Road, Abuja
Location: 8°59'25.8"N 7°24'18.2"E
Funds raised: \$40,000
Co-Financing: \$209,174.88+
GEF Focal Area: Climate Change

Overview: According to the National Clean Cooking Policy (2023), about 80% of rural households depend on firewood, driving serious health and environmental risks. The World Health Organization estimates 95,000 deaths annually from indoor air pollution caused by traditional cooking fuels, of which 52,000 are women and children. 80% of women in low-income homes spend 4–10 hours daily collecting firewood, exposing them to safety risks and limiting economic opportunities. Heavy reliance on fuelwood also contributes to Nigeria's 2.38% annual forest loss. Although awareness of LPG is increasing, adoption remains low due to high upfront costs, limited access, safety concerns, and aged steel cylinders prone to explosions.

These challenges are being addressed by COOKBLU, a community-driven clean cooking initiative that combines LPG-as-a-service with innovative waste-to-LPG incentives. Under the Trash2Cook model, households can exchange recyclable waste for LPG credits while promoting environmental stewardship practices. The initiative is powered by Trifinity Intelligence Consult Ltd in partnership with local NGOs. It aims to transition 22,500 households to clean cooking, reduce an estimated 7.5 million tCO₂e, create more than 5,000 green jobs, and divert 700,000 kg of waste from landfills by Q4 2027.



Key Objective: To promote clean cooking adoption, sustainable waste management, and women-led green livelihoods while reducing dependence on polluting fuels and strengthening community climate resilience.

Project Reach and Participation

- 5,176 Households and Small Medium Enterprises surveyed (4,677 HH; 500 SMEs);
- 1,500 indirect beneficiaries reached through sensitization and roadshows;
- 30 community leaders engaged with 100% stakeholder buy-in.

- 211 stakeholders participated in the inception workshop;
- 787 learners reached across 15 schools (11 Basic & 4 Secondary Schools);
- Survey Gender ratio: 2,773 females: 2,403 males;
- 9 persons living with disabilities engaged

Clean Cooking Adoption & Household Gains

- 38% increase in household LPG adoption
- 38% reduction in firewood and charcoal use
- 4 hours per day reduction in cooking time
- \$20 average monthly household fuel savings
- 95% community awareness of LPG benefits and safety
- 357 women trained as LPG safety, distribution agents and cooking demonstrations.

Economic Empowerment & Livelihoods

- 235 women and youths sensitized (including elderly, teens and PLWD)
- 40 direct jobs created
- 440+ women trained in green livelihoods
- 3+ women-led informal businesses established
- Average income: ~\$12 per day / \$104 monthly
- 10 local businesses strengthened through technical support
- 35% growth in circular-economy community micro-enterprises



Figure 1: National Coordinator GEF-SGP UNDP, Dr. Ibironke Olubamise giving her keynote address at the Trash2Cook Inception Workshop.

Circular Economic Impact

- 14.2 tons of waste collected through community activities
- 62% of waste diverted from open burning and landfills
- 5,000 kg+ waste transformed into reusable resources
- 46% of households participate in waste aggregation
- \$2,000 value generated from recycled and upcycled materials
- 41% reduction in open-burning incidents
- +18-point improvement in community sanitation score

Environmental & Climate Benefits

- 500 tree seedlings of 7 indigenous species planted.
- 800+ homes adopted improved waste handling practices, including routine use of reusable jute bags, leading to increased waste segregation
- 2 Micro Distribution Outlets (MDOs) operational in Chika and Kaura Market, Abuja, expanding last-mile clean cooking access and structured waste collection to underserved urban communities.

Community Knowledge & Behavioural Change

- 58% community participation rate evidencing strong grassroots behaviour change toward clean cooking adoption.
- National visibility gained boosting project credibility. 4 regulatory partners and 3 international donor delegations converted into MOUs, policy alignment, and active funding conversations.
- 8+ unsolicited community replication requests validate proven, scalable impact

Gender and Inclusion Results

- 34% of women-led households adopted clean cooking technologies
- 41% of women and 52% youth engaged in income generating activities in circularity.
- 6+ PLWD active in training and sensitization programs

Alignment with National & Global Frameworks

- Sustainable Development Goals (SDGs): 5, 7, 8, 12, 13
- Nigeria National Clean Cooking Policy
- Nigeria Energy Transition Plan
- Nationally Determined Contributions (NDC 3.0)

Partnership & Project Replication/Up scaling

- Extend our refill services beyond Chika Abuja to Gudu District
- Demand validated across 8+ locations, with MDO rollout underway to deepen last-mile clean cooking adoption.
- 7 exhibitions and conferences attended, generating new partnership leads.
- Donor Partners: Seven-Up Bottling Company Nigeria, UNIDO Global Cleantech Innovation Programme-Rural Electrification Agency (UNIDO-GCIP-REA), Cocreation Hub, West African Clean Cooking Fund by Worthington Companies Foundation, Ragasco, Eco-Impact and Development Initiative, etc., to increase access to cylinder penetration, LPG accessories, table top gas cookers, educational materials, etc. for 500+ households.
- Support to PhD researcher with data collection on clean cooking for the University of Liverpool. COOKBLU to feature in the research.
- COOKBLU is SON Certified with Product registration number and SONCAP.
- COOKBLU documentary was featured in the World LPG Week within 22nd-26th September, 2025, Rio de Janeiro, Brazil.
- Current Invitation from IEA with secured Exhibition Booth for COOKBLU.



Figure 2: Facilitator teaching participants on upcycling waste leathers to shoes



Figure 3: Picture of COOKBLU Smart LPG Cylinder



Figure 4: Women educating a street food vendor on clean cooking during the roadshow



Figure 5: Entertainment club, Catena Int'l Academy upcycling waste tyres for tree planting