



Cleaner Cooking Coalition

local - learning - ingenuity

Local Innovation Hubs

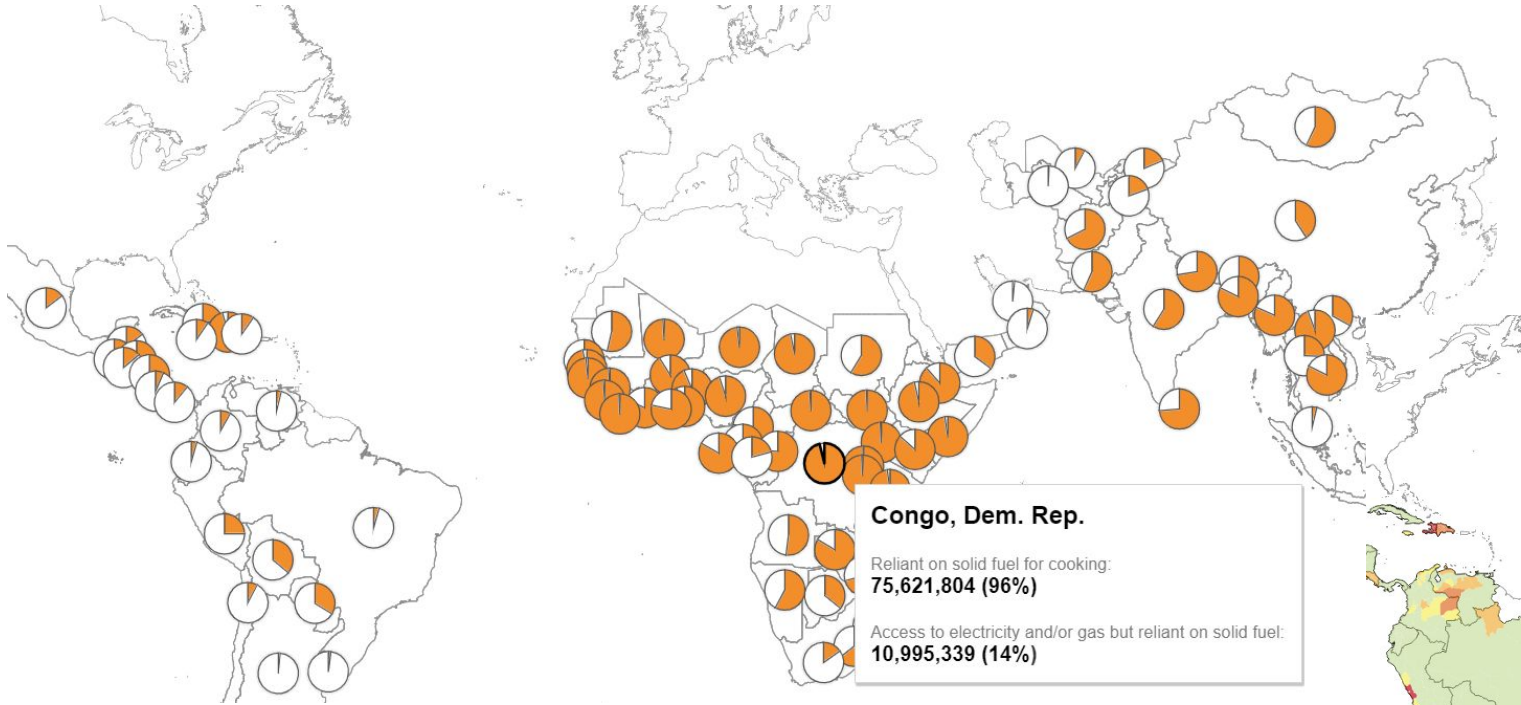
ETHOS 2023

Conor Fox

*make sustainable cooking energy accessible for all
leaving no-one behind*



Problem



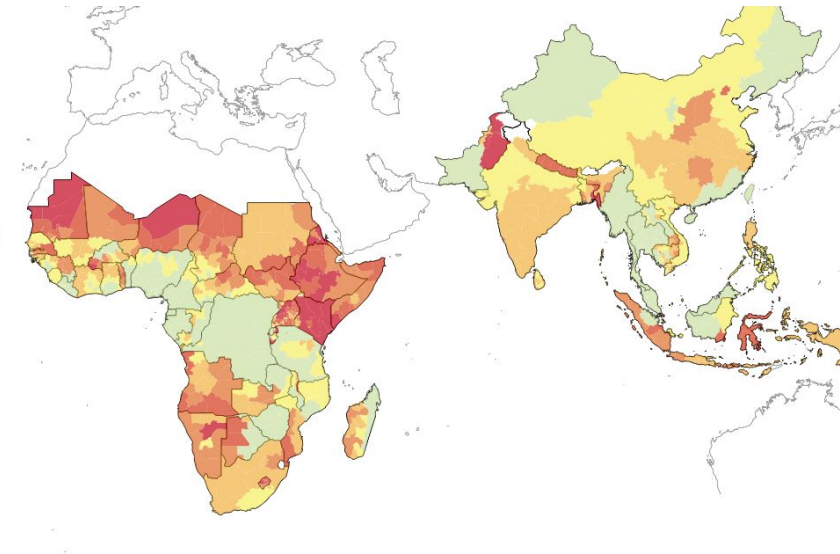
Improved Cleaner Cookstoves

31.34–72.65
GIGATONS
CO₂ EQUIVALENT
REDUCED / SEQUESTERED
(2020–2050)

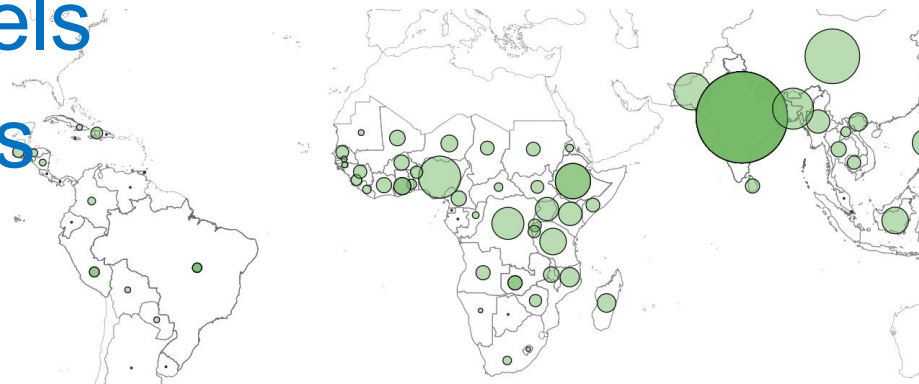
\$128.6–264.42
BILLION \$US
NET FIRST COST
(TO IMPLEMENT SOLUTION)

\$-4.19–-1.96
TRILLION \$US
LIFETIME NET
OPERATIONAL SAVINGS

**PROJECT
DRAWDOWN**



- 2.4 billion reliant on solid fuels
- Few cleaner cooking options
- SDG erosion



Solution - Local Innovation Hubs



IMPACT = PERFORMANCE x ADOPTION

**User focus, based
on short supply
chain**

Local skills enabling
maintenance &
replacement

Cooking energy security



Need for cleaner cooking

(Market Validation - Is there a need?)



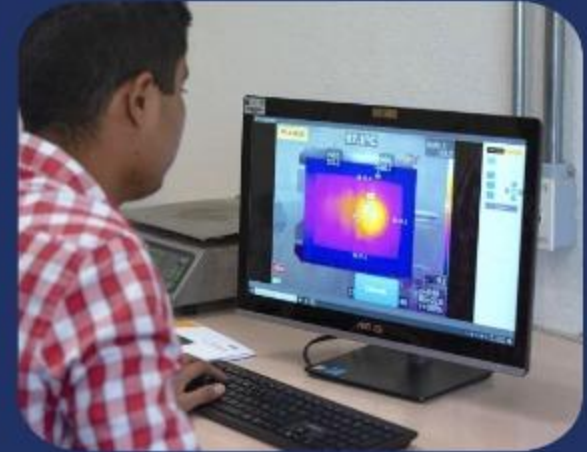
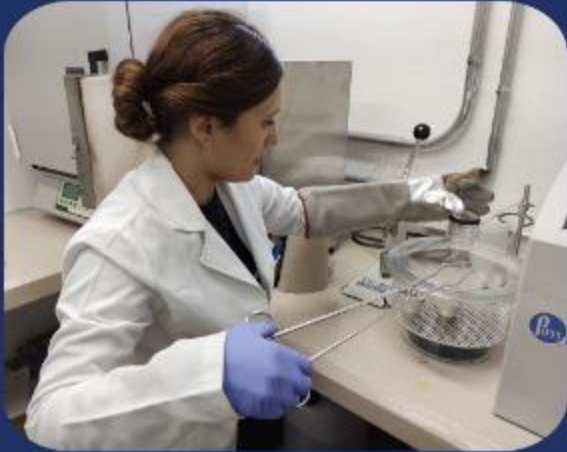
2.4 billion people (923
m in SS Africa) (source: [Tracking
SDG](#), 2022)

= 134m HHs in SS
Africa, 295m HHs Asia
& Lat Am) (source [statista.com](#))

BY 2030!!
#CleanerCooking4ALL



Cleaner cooking (the product)



- R&D centred in Global South
- Test & tweak local innovation to meet local needs
- Roll-out and scale it up!



Business Model

- Payment for SDG & climate benefits
- E.g. tCo2e 1 per HH reached
- Revenue potential = 429 million HHs * \$? p.a.



Adoptability

(How to get 'cleaner cooking' out there?)



- **Cleaner Cooking Pledge - Buy-in**
- **In-country partnerships**
- **Local Innovation Hubs**



Competition

- Coordination among actors
(e.g. Mw National Cookstoves Steering Committee)
- Collaborate on common goals
(e.g. advocacy, national database etc.)



Competitive advantage

- Context specific
 - local reality
- User centred cleaner cooking
- Real time data*
- Local entrepreneurs
- Open to improvement

*potentially



*If I produce
more
stoves, will
you help
me find a
market?*

Solofina
Kapalamula

Stove user &
producer

