TEA TIME

SDG 7 – BY 2030 FOR ALL

SDG 7

UNIVERSAL ACCESS

Even the rural poor In every country

-- Leave no one behind --

SDG 7 AFFORDABLE

- @ HH level
- @ country level

SDG 7 MODERN

Clean, not Cleaner ISO/WHO Tiers 4/5

There is no magic stove...

- Nor even a magic stove/fuel combination unless it lends itself to...
- A business model designed

TO SCALE

How did we get to SDG 7?

- Affordable, reliable, universal access, modern energy
 - We missed the 'sustainable' part

UTILITY BUSINESS MODEL

How to know the stove is used?

- SELL FUEL
- KPT
- CRM
 - Can even tell how much stove stacking

Market share & Customer Retention

• 5,000 HH Customers

~2,000 Urban HHs

~1,000 Rural HHs

~2,000 Refugee Camp HHs \$0.04/per day/HH

Unprecedented experience

How to speed adoption?

- DON'T SELL THE STOVE
- Fuel+Stove system is CHEAPER from DAY ONE
- No risk no fees to join or leave
- Customer Service
- Training in use
- Free delivery of fuel to HH door

How to assure continued use?

- Free same day repairs
- Customer Service Reps
- Additional trainings
- Continuous stove improvements
- Cooking/kitchen accessories

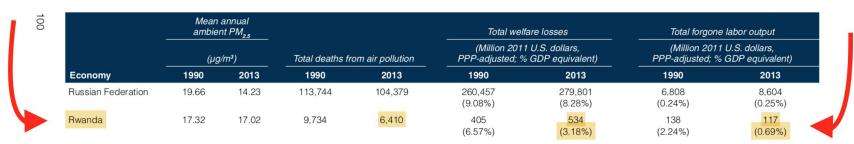
Locally owned utilities in each country

- Private, Public, or PPP
- State ownership component
 - -Access to cheap accommodating capital
 - -MOU w/Rwanda to get to 1M HHs by 2024
- Well regulated to assure ...
 - -Sustainable feedstock supply chain
 - -Universal access to ALL

Aligning public health goals & SDG7 goals

Cost of HAP on GDP

Cost-of-Pollution (PAGE 100).pdf (page 118 of 122)



The cost of air pollution in Africa

DEV/DOC/WKP (2016) 5

OECD DEVELOPMENT CENTRE

Working Paper No. 333

Research area: African Economic Outlook







(A) WORLD BANK GROUP



Authorised for publication by Mario Pezzini, Director, OECD Development Centre

September 2016

Table 4.1. Economic cost of premature deaths from air pollution, per country, Africa, 2013 (cont.)

	Ambient PM pollution	Household air pollution
	USD million	us us millions
Mozambique	191	2 006
Namibia	272	1 215
Niger	584	1 088
Nigeria	41 796	70 471
Rwanda	392	1 123

