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10 years ago

2 billion people

Cooked over open fires

Today

2 billion people

Cook over open fires

10 years from now

2 billion people

Will cook over open fires

20 years from now

2 billion people

Will cook over open fires

Let's improve open fire cooking

It's not going away



Rock Beds

Three Stone Cookstoves

- Unhealthy
- Collecting wood take 2 hrs /day
- Indoor air pollution
- Outdoor air pollution
- Climate damage
- Deforestation

Just adding 8-10 small rocks on the ground improves air flow and improves efficiency by a third and cuts emissions by more than half.

Why is nobody interested in rock beds?

Free

Peer reviewed journal articles:

- Improved efficiency and reduced emissions
- High adoption and continued usage rates
- \$0.06 per tonne of CO2e mitigated

Pennies to train

Please tell me!



Bands





Bands



Dung sticks



Benefits

(For the Top-Lith Crop Waste Cookstove)

- Improved health. Not only is smoke greatly reduced, but women can walk away from this stove for 12-45 minutes because it needs no tending. Three stone stoves require constant tending, with young children often nearby.
- Eliminate the time collecting firewood. Women and girls spend an average of 2.1 hours per day collecting firewood in Sub-Saharan Africa, subjecting themselves to sexual assault, animal attacks and taking time away from other productive activities.
- Less climate damage. Wood burning creates great amounts of CO₂ and black carbon.
- Less indoor air pollution.
- Less deforestation.



Washing cow dung

Why is nobody interested in rock beds?

Please tell me!



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