

Greening Logistics & Fairtrade Carbon Offsets

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Deutsche Post DHL clean cookstove project in Lesotho

- Part of “climate neutral GoGreen service”



- 2010: begins subsidizing clean cookstoves
- 2016: first company certified by Fairtrade Climate Standards, a joint venture with Fairtrade International (FLO) and Gold Standard

Carbon offsetting

- Requires fungibility and common benchmarks:
 - Tonnes of carbon dioxide equivalent (tCO₂e)

Challenges of measuring carbon

- Environmental integrity?
- “obsession with calculation” (Lovell & Liverman, 2010, p. 262)
- Poor record on human rights (Ervine, 2015)
- “additionality” based on “hypothetical future baseline emissions scenarios” (Bumpus, 2011, p. 616)

Clean cookstoves & climate mitigation

How effective?

“Up in Smoke”

(Duflo, Greentsone, Hanna, 2012)



- Randomized control trial in rural Orissa, India over 4 years
- Decline in proper stove usage and stove condition over years, meaning:
 - no statistically significant reduction in exposure to air pollutants, little impact on health, & no evidence of reductions in greenhouse gas emissions

Questions & Concerns



- Effectiveness at mitigation?
- A price on carbon?
 - Can claim to be meeting 10% of emissions reduction goals for the cost of 0.00006% of profits
- The politics of climate change:
 - Mitigation *or* alternative to regulation and key reductions at the source? (Ervine, 2015)
- Development gains: static or dynamic?
 - Communities as: carbon “producers”?