

# Safeguarding SD-benefits in climate protection projects – a developer's perspective

CMW Side Event to UNFCCC Climate Conference Bonn

Berlin, June 2019

atmosfair climate protection projects & SDGs

atmosfair projects contribute to reaching the UN Sustainable Development Goals (SDGs)

- Measurable and certified CO<sub>2</sub>-savings (SDG 13)
- Guaranteed, positive social & economic benefits, for example
  - Rising income (SDGs 1)
  - Health protection (SDG 3)
  - Long-term job creation (SDG 8)
  - Local environmental
  - protection (SDG 15)
  - Technology transfer (SDG 17)









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### How to maximize benefits?

atmosfair's approach: Tailoring to local conditions and needs, involvement of local stakeholders and wider project environment

- No technology fits all: Tailor projects to local conditions and needs, in particular development stage of the project region:
  - How can we support the next step on the energy ladder?
  - Is it possible to connect the community to an electricity grid/ a communal water system or provide a safe community water source?
  - Which technologies fit best to local circumstances?
- > Involve local population/stakeholders
- Involve the wider project environment
  - How can local value-chains, employment and income generation be supported/created?

#### atmosfair's goal: Support transformation and transition

## Project example Electricity from mustard crop residues



Project partner	Kalpataru Power Transmission Limited (KPTL)
Target group	Small scale farmers and lokal rural population in Rajasthan
Technology	8 MW biomass power plant, tailored to conditions in project region
CO <sub>2</sub> -reduction	Around 50.000 t CO <sub>2</sub> /year
Further benefits 13 CLIMATE	Additional source of income for small scale farmers; job creation; assured power supply; know-how and technology transfer
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Gold Standard (GS)

Status

Further information

https://www.atmosfair.de/en/biogas\_un d\_biomasse/indien\_stromerzeugung

In operation since 2007, audit: CDM,









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## Project example Efficient cook stoves in India



Project partner	Sapient, Servals
Target group	Local rural population
Technology	Adapted to household needs; efficient wood stoves save around 50% of wood
CO <sub>2</sub> -reduction	Around 120.000 t CO <sub>2</sub> /yr
Further benefits 13 GLIMATE	Avoidance of deforestation; increase in disposable household income, creation of jobs; reduction of respiratory diseases; creation of local value chain for the by- product charcoal
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Status	In operation since 2012, audit: CDM, Gold Standard (GS)
Further	https://www.atmosfair.de/de/klimaschutz

projekte/energieeffizienz/indien/

information









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## Project example Efficient cook stoves in Rwanda



Project partner	Safer Rwanda, Rwanda Women's Network, UNHCR
Target group	Households, refugee camps
Technology	Efficient cook stoves save 80 % wood and replace inefficiently produced charcoal
CO <sub>2</sub> -reduction	125.000 t CO <sub>2</sub> /years (Ø over 10 years)
Further benefits 13 CLIMATE	Avoidance of deforestation; increase of disposable household income; reduction of respiratory diseases; local added value; education; formation and creation of local jobs, mostly for women
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Further information	https://www.atmosfair.de/en/energieeffizi enz/rwanda









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# Importance of SD benefits post 2020

Projects with high SD benefits are more likely to be accepted by host countries.

- Post 2020, future of offsetting is yet uncertain
- If no new international mechanism with binding rules to avoid double counting can be established, bilateral agreements have to be achieved



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## About atmosfair

#### Non-profit company (gGmbH)

- Interface between environmental-NGOs and businesses
- Develops and manages renewable energy projects in the global South, in order to decrease CO<sub>2</sub>-emissions and, simultaneously, promote local, sustainable development and transformation
- Financed exclusively by voluntary donations
- Supported by over 80 NGOs and the BMUB

#### Qualitative market leader with high project standards

- Result of a research project of the Federal Ministry for the Environment in 2003
- Ongoing supervision by advisory board of Federal Ministry for the Environment and NGOs

#### High-level patrons from politics and science



#### Prof. Dr. Hartmut Graßl





#### Prof. Dr. Klaus Töpfer

Former Executive Director of the UN Environment Program (UNEP)



#### qiz



GREENPEACE









Leibniz Institute for Marine Sciences at Kiel University

Prof. Dr. Mojib Latif



