



“Energy efficient cookstoves for transformative change towards environmental sustainability in Africa”

Success factors to Transformational change
Panel session

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Overview & context



Theoretical concepts of transformational change

- ▶ **Ethical consideration:** self-examination to a critical analysis of cultural blinders to positive impacts
- ▶ **Indigenous practices:** attached to what people and communities know best for their living environment
- ▶ **Human rights:** acknowledgement of traditional rights for marginalized people (women, racial or ethnic minorities, disabled/ poor, and other from marginalized cultural groups)
- ▶ **Transformative paradigm:** vs constructivist, pragmatic, participative; focus on the dimensions of culture, power, privilege, and social behavior
- ▶ **Mixed-method approaches:** to assess transformative paradigm which assist in addressing complexity and identifying success factors to change.

About the project: Case study (Chad)



Project Context

- ▶ Geographic situation (Energy sources)
- ▶ Supply vs demand for energy/Electricity
- ▶ Urban vs rural energy supply
- ▶ Existing environmental policies



Success factors to change (adoption)



Drivers to transformative change

- **Accountability and vision**
- **Participation: Stakeholder Involvement.**
- **Infrastructure & capacity building:** training and coaching to keep the change effort moving forward by stakeholders which support and sustain it as needed
- **Enabling Behavioral change:** support from group leaders.



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Success factors



- ▶ **In-depth consultation:** with the overall stakeholders
- ▶ **Targeting:** Individual/cooperative business processor actors; Timely training package (enterprise management, cooperative governance and financial literacy, and financial mechanism)
- ▶ **Awareness:** meetings couple with a credit mechanism
- ▶ **Investment:** group financing scheme
- ▶ **Gender:** equitably developed with focus on both women food industrial processing business and men business driving
- ▶ **Consideration of cross-cutting themes:** working under the local context and cultural practices of targeted locations; livelihood diversification



Two cluster sectors

Meat grilling

Beer brewing

Key challenges

Linkage to available financial drivers (expansion)

knowledge and experience of cluster groups around credit system approach and accountability (charges vs benefits)

Illiteracy of most project's beneficiaries

Lessons learned



Local context: as a driver in selecting the technology for a suitable and affordable infrastructure which is adapted to local economy and beneficiary needs

In-depth consultation: targeted beneficiaries and test of various prototypes of EE cook stoves are key steps towards the adoption of a technology

Champion: Having a woman cluster agent has been an asset to generate better buying-in from the women beer brewers

Awareness trainings/meeting: coupled with peer-to-peer learning activities and capacity building workshop are useful to generate positive impacts.

Thank You/Merci/Dik!

