

# "Energy efficient cookstoves for transformative change towards environmental sustainability in Africa"

Success factors to Transformational change Panel session

The Hotel Duo, Prague, Czech Republic October 2<sup>nd</sup> 2019

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### Overview & context



### Theoretical concepts of transformationnal change

- ► Ethical consideration: selfexamination 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.

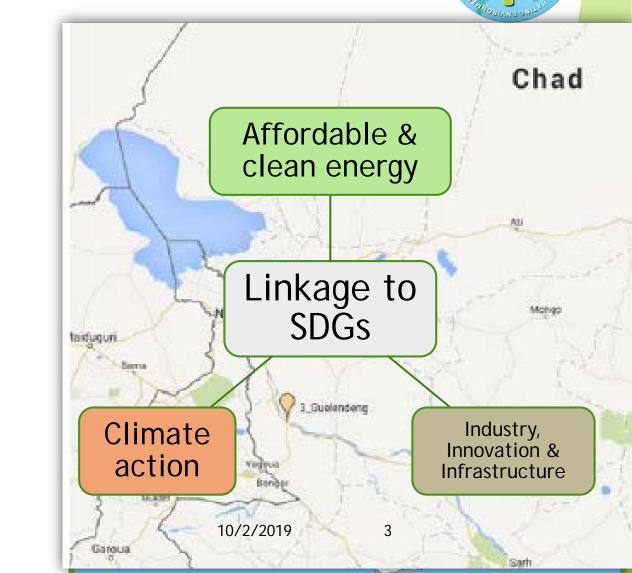




## About the project: Case study (Chad)

### **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.







### Success factors ....

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- ► 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!







