

Charcoal Project in



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1. Background

- History

Record of Kenya travels: 3 times
Visit duration: 9 months in
a western Kenyan village

- Activities

3 months:
Research solar lantern as a fellow of
Kopernik in 2010.

6 months:
Spread the technique developed in
MIT D-lab of making charcoal with
agriculture waste materials to poor
people.



Capital: Nairobi



Place to stay: Rubanga



2.Objective

Environment

More than 90% the rural population of Kenya use the wooden charcoal as fuel.

Establish a company to spread low cost charcoals with less smoke from agricultural waste to poor people.

Poverty

In Kenya, 60% of the people are living on less than \$ 1 a day.

Health

1.6 million people are died from the smoke of the kitchen every year in the world.



3. Activities

- Biomass(Agricultural waste)
- Binder(Clay soil)

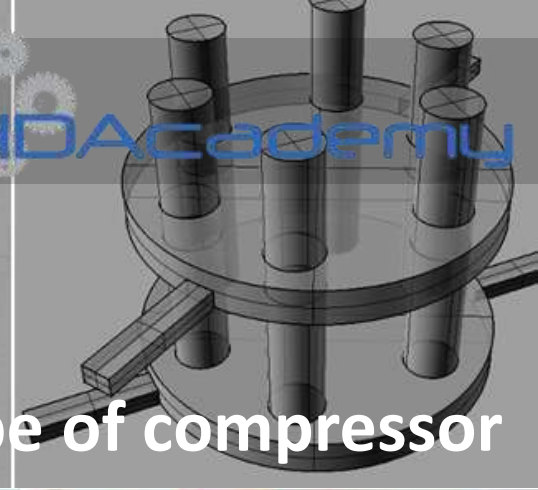
D-Lab



Material	Agricultural waste		cassava		
Tool	Drum	Crusher		Compressor	



3.1 Activities in Japan



Developing a prototype of compressor



Developing a charcoal briquette



3.2 Activities in Kenya



3.2.1 Making a compressor

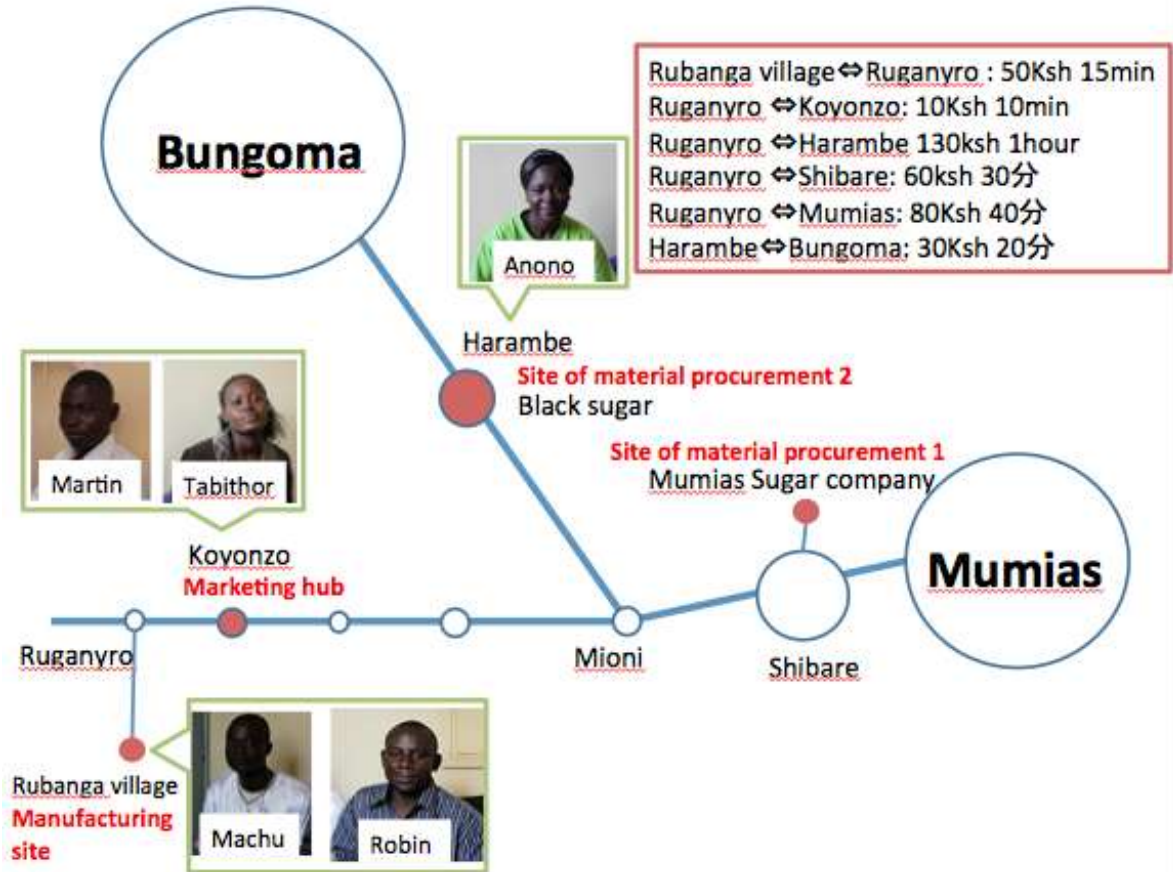


3.2.2 Organizing a company

Name: CEEI
Community Efficiency
Energy Initiative

Vision: Improve life of poverty people in community

Mission: access to inexpensive energy source for community

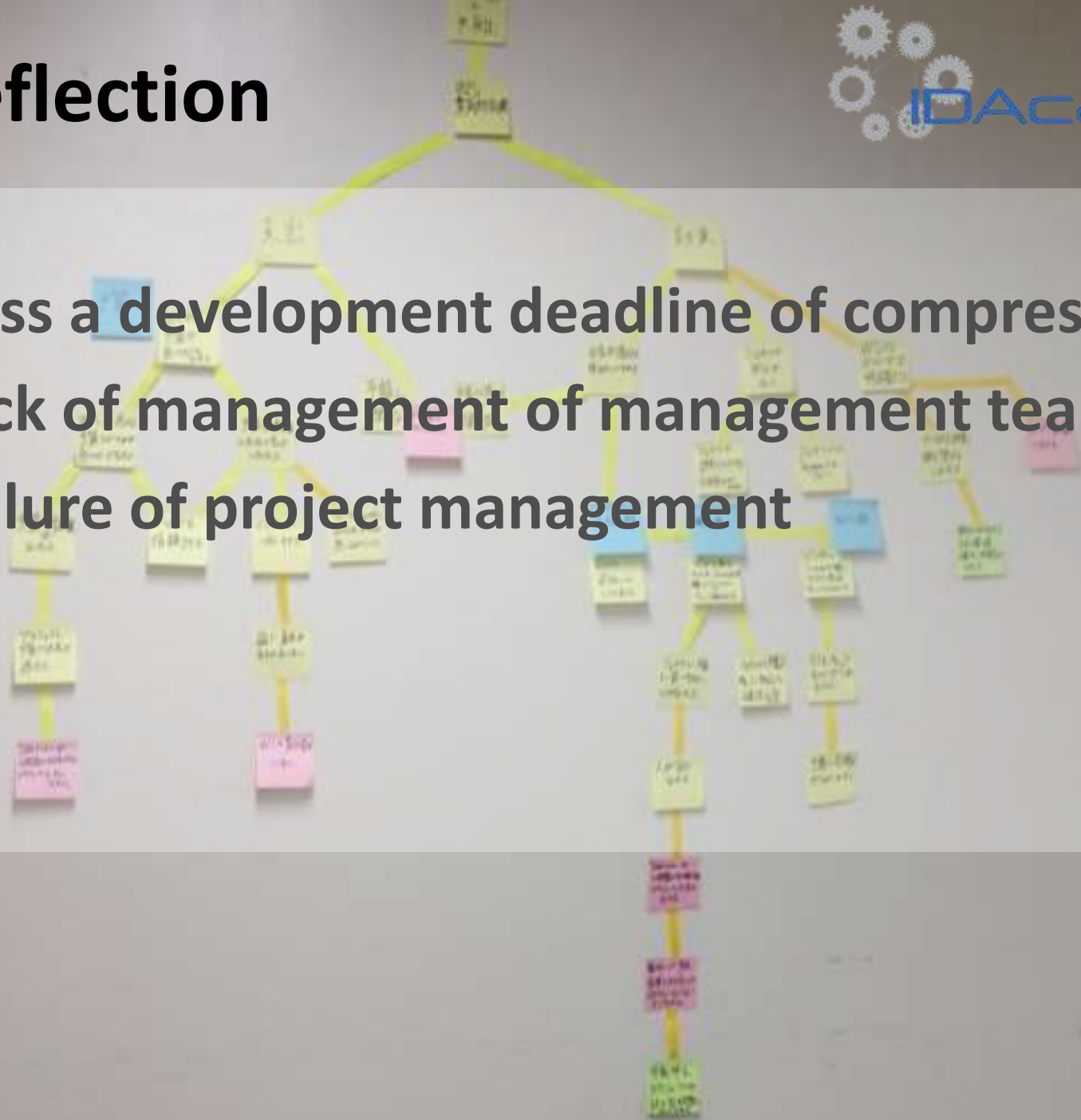


3.2.3 Holding a Workshop



4. Reflection

1. Miss a development deadline of compressor
2. Lack of management of management team
3. Failure of project management



Failure of project management

Failure in japan

Failure in Kenya

Unspecified goal

Unspecified schedule

Can't check the schedule った。

Check

There are little time and place

did not make a concrete action plan based on goal.

did not prioritize the action plan.

did not provide a full-time person in charge of a high priority action plan.

Each person responsible did not create a schedule for action plan.

Goal

Plan

