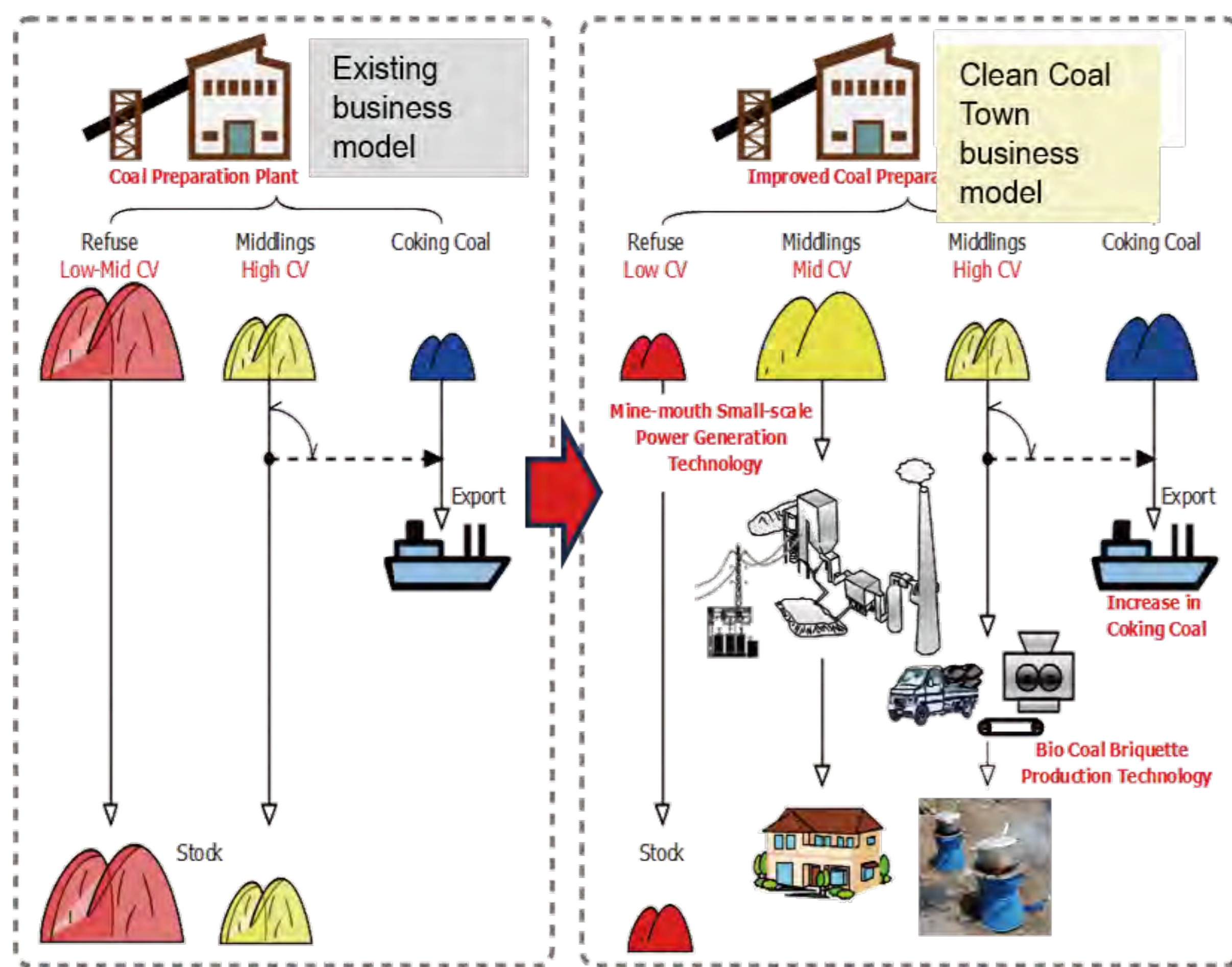


Joint support for coal-producing countries

Clean Coal Town Plan Project

CCT Project in Mozambique



Formulating a future plan to achieve the vision of coal related industries with the consideration to environmental impacts and effective use of coal resources in Mozambique

- Advanced Coal Preparation Technology
- Mine-mouth Small-scale Power Generation
- Bio Coal Briquette Production

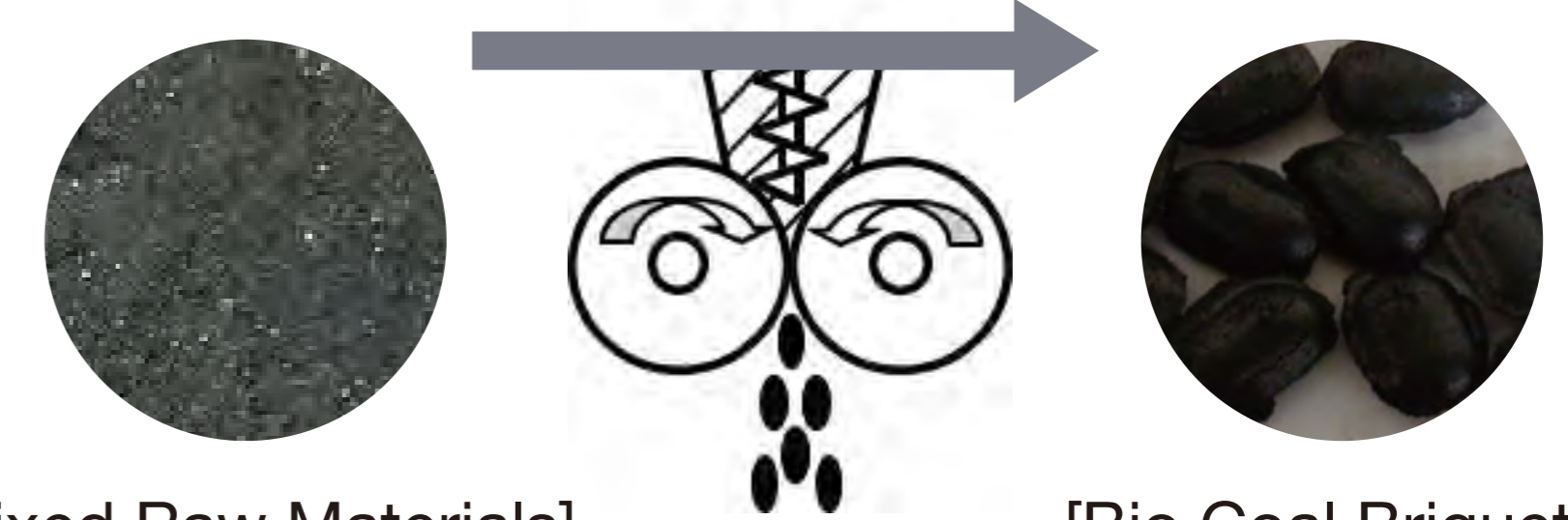
- Effective use of unutilized middling
- Generation of power
- Production of Bio Coal Briquettes as residential fuel
- Contribution to CSR activities of mining companies and Environmental Protection
- Improvement of project viability

Bio Coal Briquette (BCB) Project* in Mozambique

* Joint Research Project between JOGMEC & Ministry of Mineral Resources and Energy of the Republic of Mozambique

- ◆ BCB will contribute to Conservation of Forest Resources
- ◆ BCB will contribute to CSR Activities of coal mining companies
- ◆ BCB will improve total Project Viability for coal mining operation
- ◆ BCB will be Alternative Fuel to charcoal & firewood

Briquetting



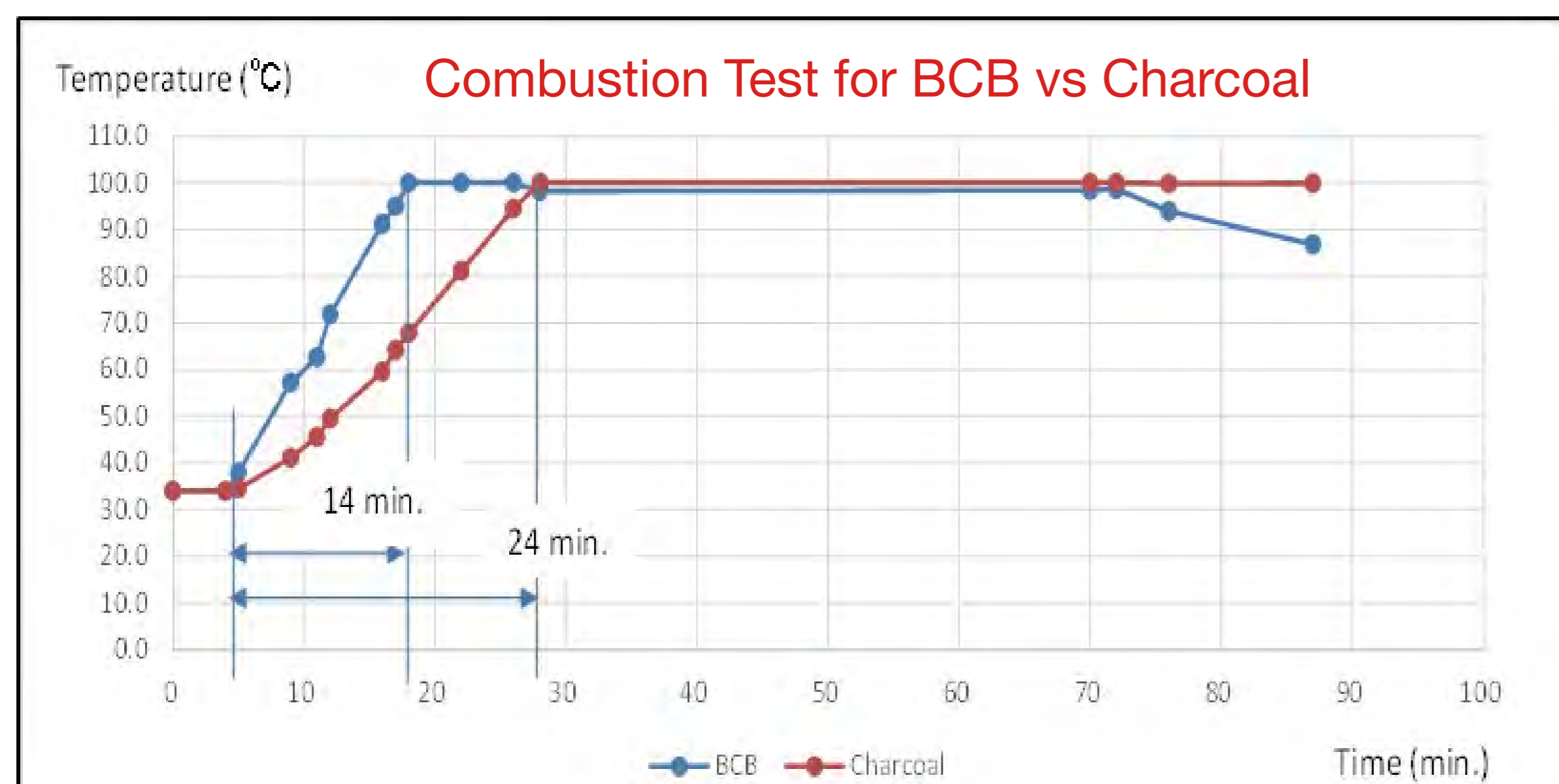
[Bio Coal Briquette]



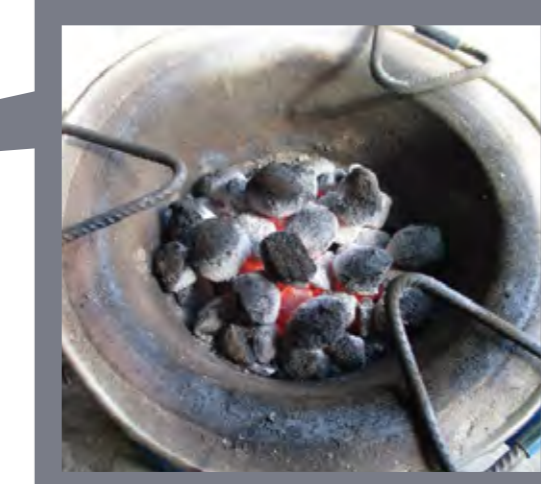
[Firewood & Charcoal]

Save Forest
CSR
Project Viability

Raw Materials	
Moatize Coal (6,350kcal/kg)	80%
Biomass (Sawdust)	20%
Binder (PVA)	1%
BCB total moisture	28%



Ignitability, Sustained combustibility, Fire Strength, Odor, Smoke, Cooking time
BCB is better than Firewood/Charcoal



Higher performance is provided by using with MBAULA (Ceramic) stove which can be procurement locally.

