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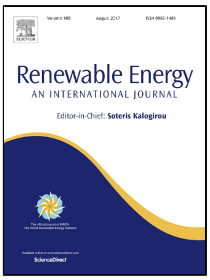

Development of groundnut shells and bagasse briquettes as sustainable fuel sources for domestic cooking applications in Uganda

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Highlights

- Groundnut shells and bagasse briquettes were developed with 30, 50, 70 and 90 grams of cassava and wheat binder
- Non-carbonized briquettes had higher drop strength at 99% than carbonized briquettes
- Non-carbonized briquettes had average HHV of 16MJ/kg
- The average heating values for carbonized groundnut shell and bagasse briquettes were between 21 and 23 MJ/kg