

Comparison of fuelwood consumption documentation open source Ben-Stove:

[http://solarcooking.wikia.com/wiki/Ben_2_and_3_Ben_Firewood Stoves](http://solarcooking.wikia.com/wiki/Ben_2_and_3_Ben_Firewood_Stoves)

<http://www.terra.org/categorias/articulos/hornillos-de-lena-ben-2-y-ben-3-de-dieter-seifert>

Tree stone fire consumes approx. 1600 g wood (shown with the left pile) for boiling 6 liters of water (efficiency 10%). The right pile shows an estimated additional consumption if cooking with retained heat is not applied.



Ben-Stove needs approx. 400 g wood (small sticks) for boiling 6 liters of water (efficiency 40%). Cooking with retained heat (e.g. cooking dry beans in Thermo-Basket) is done without fuel consumption.

The parabolic solar cooker reduces additionally the fuelwood consumption and avoids the rebound effect due to its high variety of applications.

Higher savings of wood are possible if traditionally produced charcoal is replaced.