

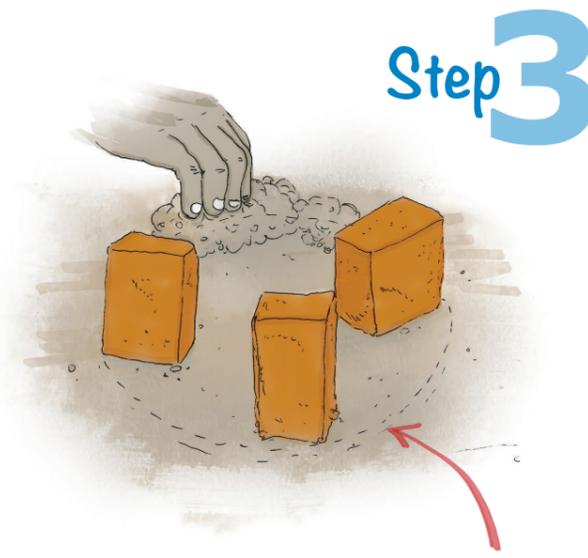
How to make Fuel-Efficient Stoves step-by-step



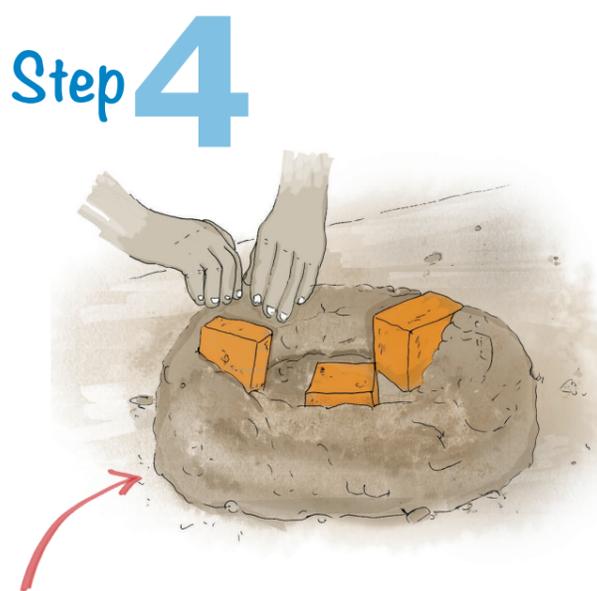
Step 1
Mix animal dung with mud. Add water gradually to ensure soft mixture, stirring until the whole mixture has the same consistency. Cover the mixture and leave to sit for a day.



Step 2
Draw line in sand around the cooking pot that is most frequently used in the kitchen.



Step 3
Get 3 brick pieces, stick clay under them, and place them equally around the inside edge of the circle.



Step 4
Fill the circle completely with clay to a height of 4 cm. The bricks should be embedded in the clay. Smooth this clay. You now have the base of your stove.



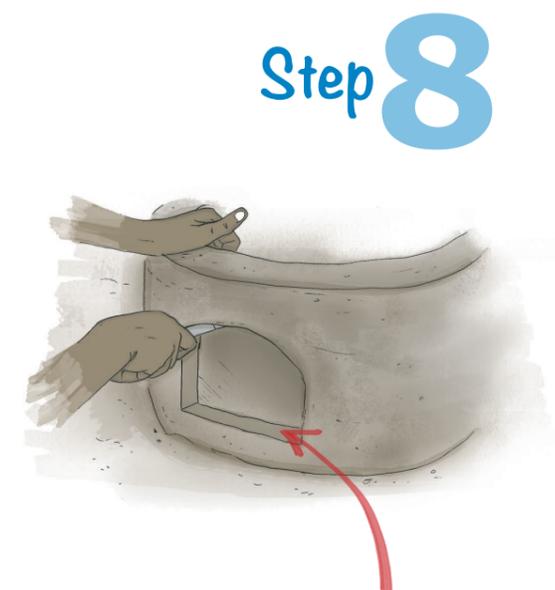
Step 5
Build a 4 cm thick clay wall around the bricks until level with the top of bricks. The outer side of the bricks are to be slightly embedded into the wall.



Step 6
Place the cooking pot on top of the bricks. Build the wall up until just under the rim of the pot. Keep a finger-sized gap between pot and wall.



Step 7
Remove cooking pot. Use scraper to smooth out surface of stove.



Step 8
Cut exhaust hole in the side of the stove of 10 cm width.



Step 9
Leave stove to dry in sun for 5 days before use.

This poster shows the different steps involved in the **production of Fuel-Efficient Cookstoves**, which can be used to cook with fire-fuel briquettes and firewood. The stoves can be made in a few simple steps by using locally-available clay, animal waste, water and bricks.

Other fuel-saving tips:

- Use dry wood or briquettes
- Pre-soak beans before cooking
- Use a weighted lid on your pot
- Ensure good air supply for complete combustion