

# Kiribati Portable Dry Litter Pigpen



## Benefits of DL piggery

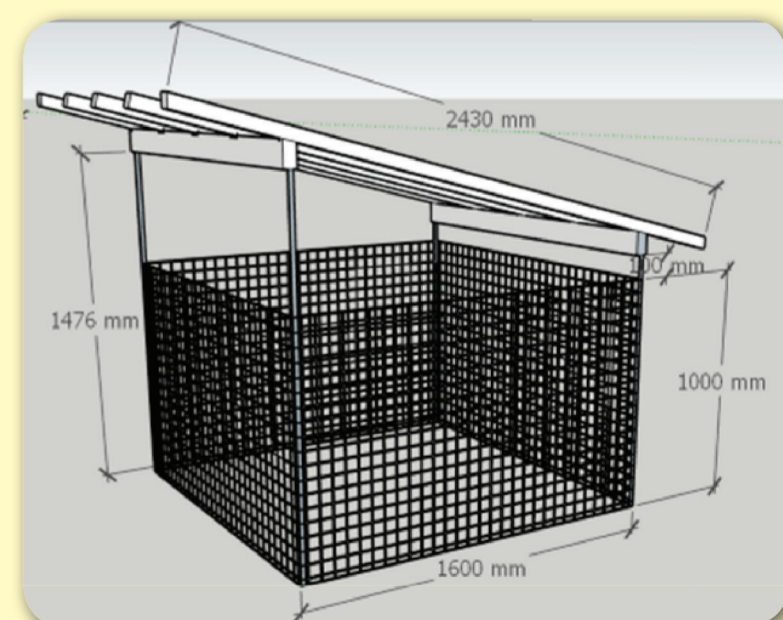
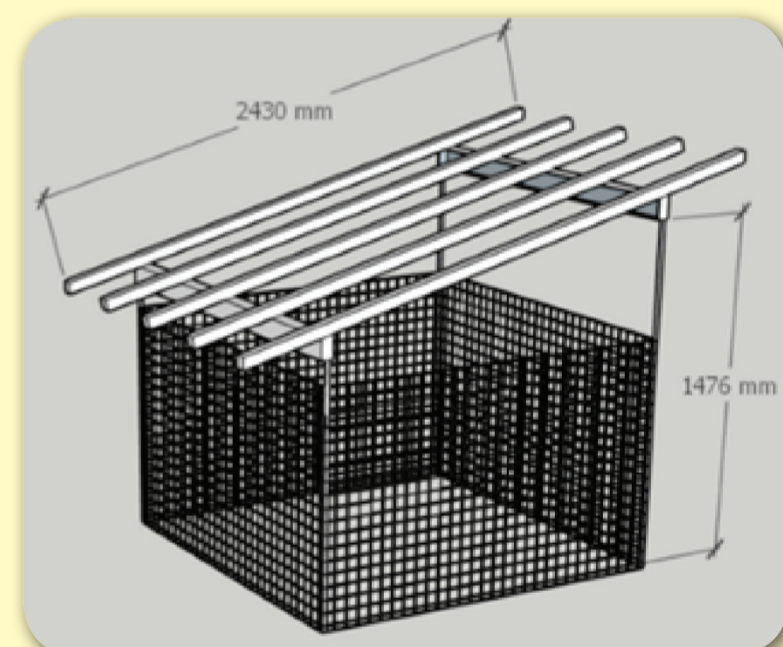
- Produce organic compost for home gardening
- Pig will naturally turn organic dry litter mixed with pigs' manure, doing the work for you
- No cleaning of pig manure
- No odor from pigpen
- Reduce and help avoid water pollution, hence prevent health impact
- Pigs remain clean and healthy

## Step by Step Guide

- 1 Use wire-cutter to cut the side panel to 1.6 meter length (use heavy duty panel wire or something similar that allows proper ventilation).
- 2 Cut two 1.5 meters posts using 2x2" timber for front post and two 1.1 meter posts using 2x2" timber for the back (local timber is a good alternative).
- 3 Tie the side panel with post using tie wire.
- 4 For roofing, drill 2 holes in the corner of 2x4 (1.6 meters length) and insert each to the four posts (front and back). Cut to 2.4 meters each of the five lengths from 2x2" timber as roofing rafters as shown in the design.
- 5 Fill the pigpen with bedding using dry leaves and related materials.
- 6 Compostable dry litter shall be added daily to the pen, and especially placing dry litter materials on top of any pig manure.
- 7 Remove excessive compost material once the height of the compost measures 10mm above the pigpen ground level.
- 8 Regularly remove used materials and manure and add to compost pile outside.

## Materials & Tools

- Four 2.6 meters square heavy duty wire
- Two 1.5 meters 2'2 timber
- Two 1.1 meters 2'2 timber
- Five 2.4 meters 2'2 timber
- Tie wire and pleyer



## Alternative design using local materials



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