

PERFORMANCE OF CEMENT SAND BRICKS CONTAINING RECYCLE CLAY ROOF TILES AS ADDITIONAL MATERIAL

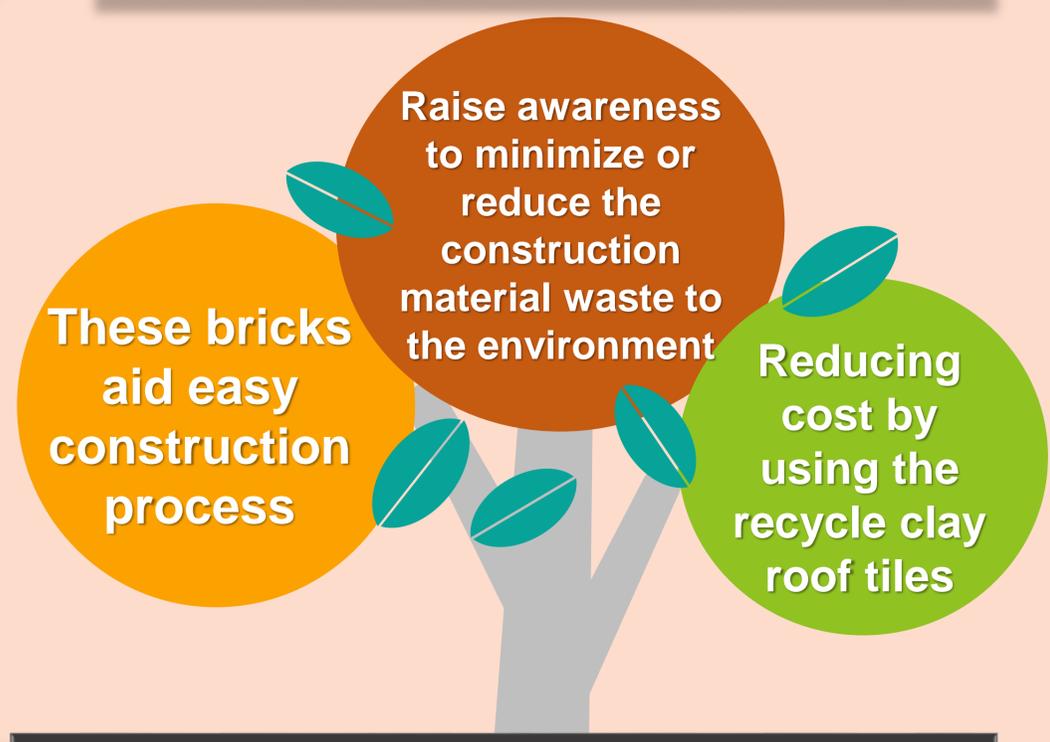
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DESCRIPTION OF INNOVATION

- Utilization of wasted clay roof tiles into cement-sand bricks is it is the most utilizing brick in construction world.
- Bricks are good in compression and hence can be used to make load bearing structures.
- To produce the cement sand bricks using recycle clay roof tiles as admixture in bricks as there is increasement in construction and demolition waste (CDW) in Malaysia.

IMPACT OF INNOVATION



BLOCK DIAGRAM/ FLOW CHART

OBJECTIVES

- To produce the cement sand bricks using recycle clay roof tiles as admixture in brick.
- To identify the compressive strength of new cement sand brick.
- To determine the water absorption of the new cement sand brick mix with control sample

