

# Get to know the **PROCESS**

Surprised at how we can make paper from dung? Find out about this amazing 5-step process which takes a period of 3 to 4 days. The production of bio-diverse paper from camel dung has been pioneered in Sadri,

Rajasthan. Find out just right here!

## **5** Paper Preparation



Once the paper sheets are dried, they are flattened into nice smooth sheets of paper using a roller machine. Then voila - finished!

## **4** Paper Formation

By pouring the paper pulp uniformly over a wire mesh, the paper sheets are formed. A thin cotton cloth is laid over the wire mesh so that the sheets do not stick. The stack of wet pulp sheets is then pressed to dry. This process is done repeatedly and requires a lot of hard work and patience!



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Poster designed by Gary Goh (NUS Overseas Colleges) 2012

## **1** Crushing Camel Dung

Firstly, the hard and dry form of the camel dung is crushed into powder by pure physical smashing. Impurities, such as twigs and stones are manually removed by sieving. This process is repeated until all of the dung is in the powder form.



## **2** Boiling Camel Dung Mixture

Secondly, the camel dung powder mixture is mixed with water thoroughly and stirred continuously and boiled for 3 hours. Caustic soda and hydrogen peroxide are added into the mixture to sterilize it. The mixture is then left to boil for 3 hours. After boiling, the mixture is rinsed with running water and then squeezed dry.



How  
Camel  
Dung  
Paper  
Is Made

## **3** Beating Cotton Mixture

Next, waste cotton is added into a beater machine together with water. Any impurities and cotton fragments that are too big are manually removed. Then the dried camel dung mixture is also poured into the beater. The mixture is beaten for 2 hours and left to dry overnight. The mixture is transformed into paper pulp once it is ready.

