

rural sustainability in LEDCs: Andhra Pradesh



Statistics

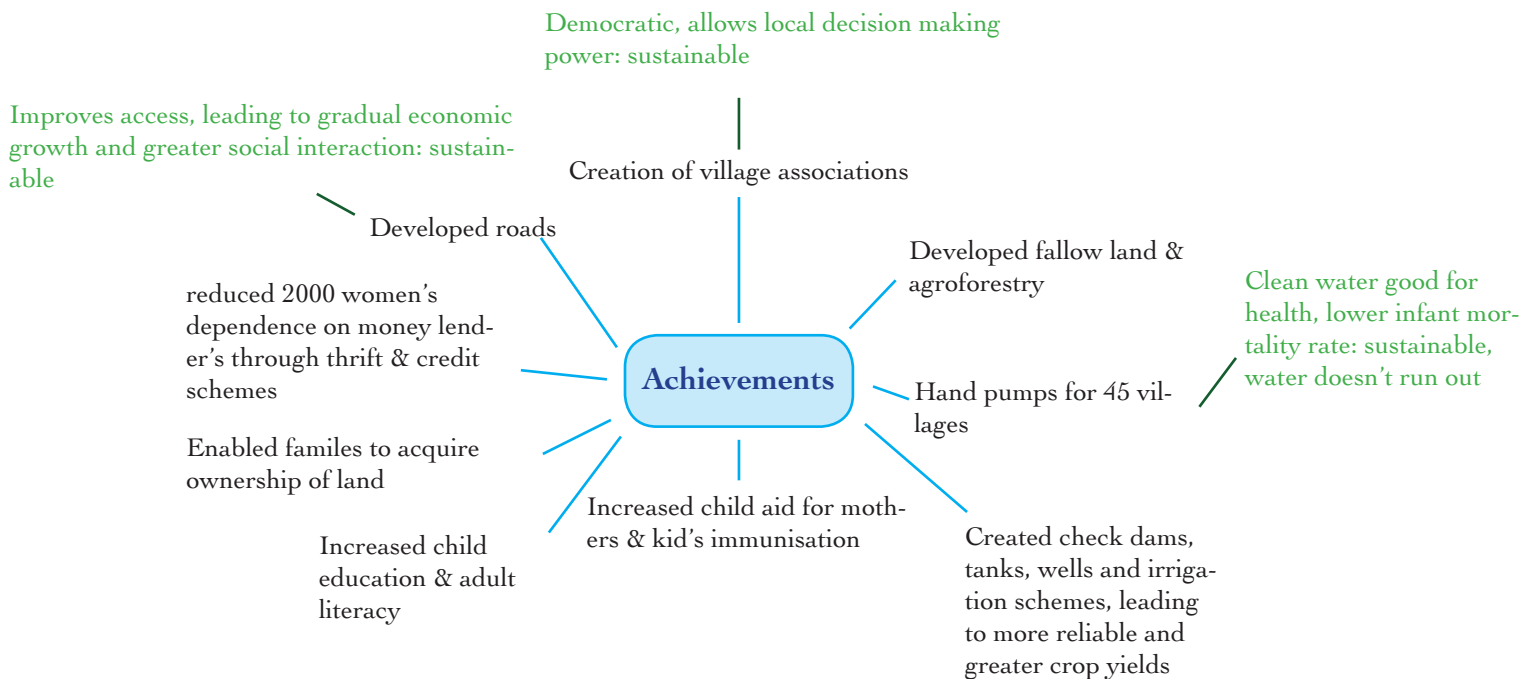
- 74% population in agriculture
 - » But only 41% of state's wealth generated
- States farms produce the follow:
 - » 7% Indias food gains
 - » 40% indias spices
 - » Lots of oil seed, eggs and fruit
 - »
- Infant mortality 73/1000 average is 80/1000

ARTIC'S aims

1. Introduce appropriate techonology to rural India.
2. Involve rural communitiees in decision making and action
3. Act as an intermediary between locals and government, becoming invloved in health, education & social schemes.

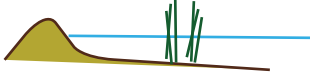
Mission statement

"Encourage rural residents to transform their communities to democratic, independent, just and equal societies, and to promote self-reliance"



Irrigation

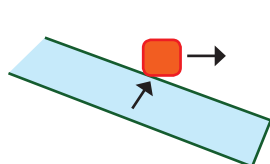
Bunds are mounds of earth placed along field contours that promote infiltration



And reduce overland flow and soil erosion

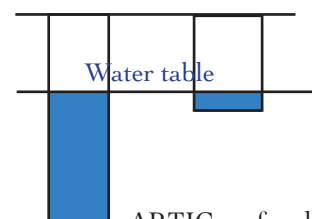


Check dams and tanks are placed on streams, creating small resevoirs & extending water motnths



Pumpsets: diesel and electric pumps pump water from stream for irrigation

Water Supply



Bore wells can lead to overextraction, are expensive to make and maintain and require externally manufactured parts and expertise.

ARTIC prefer shallow wells, with water raised using a foot operated pump, using local skills and labour.