



Bhungroo

India

Drought is a serious issue in the western Indian state of Gujarat, particularly for underprivileged female farmers whose livelihood depends on the monsoon. Limited rainfall in the state leads to water logging in peak cropping season. For the rest of the year, farmers experience severe water scarcity. But thanks to a life-changing technology, poor farmers are now converting crises into opportunities.

Bhungroo is a water management system that injects and stores excess rainfall underground and lifts it out for use in dry spells. Adoption of this technology has decreased salt deposits on soil and increased fresh water supply, saving farmers from drought.

Key facts

- *Bhungroo* has freed women from debt, given them land ownership and helped them participate in local governance as a result of their expertise and influence in agriculture and water
- It provides food security and sustainable livelihoods to more than 18,000 marginal farmers (with over 96,000 dependent family members) in India. From the first year, a typical family's annual income increases from USD 210 to USD 700. The breakeven point is reached within three years
- It is now a fully women-driven process, from selecting the farmers, erecting the technology and operating and maintaining the system

More information

High-resolution images and infographics are available for download at:
<http://bit.ly/1xVnHKj>

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