



5 Biogas Plants to Come up in Jharkhand

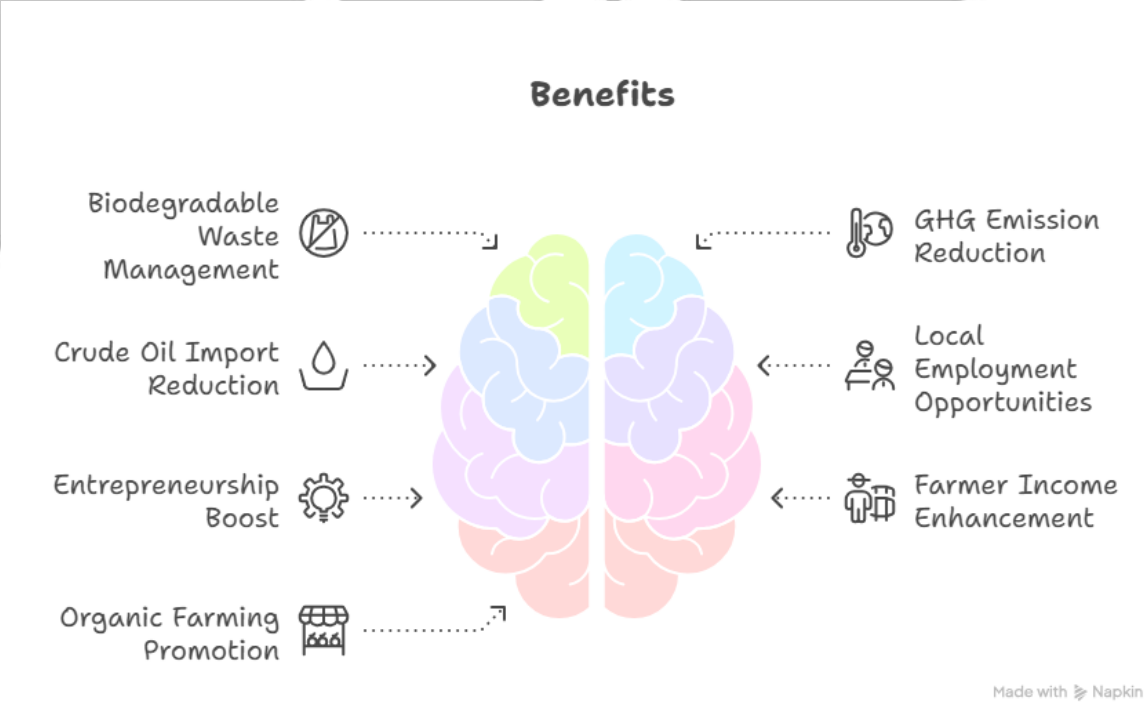
Why in News?

Under the [GOBARdhan Scheme](#), new biogas plants will be established in **five districts of Jharkhand**, bringing the total number of biogas plants in the state to **47**.

- The five new biogas plants will come up in **Bokaro (Petarwar Block), Ramgarh (Chitrapur), Dumka (Jarmudi), Jamtara (Kundhit), and Saraikela-Kharsawan (Ichagadh)**.
- These plants will **generate 135 cubic meters of gas daily**, benefiting local communities with cleaner energy. Additionally, a completed 25 cubic meter plant in **Bandgaon** will serve 20 households.

GOBARdhan Initiative

- **About:** Launched in 2018, the **Galvanizing Organic Bio-Agro Resources Dhan (GOBARdhan)** scheme is a national priority project under the [Swachh Bharat Mission Grameen-Phase II](#).
- **Implementation:** The Department of Drinking Water and Sanitation (DDWS), Ministry of Jal Shakti, serves as the nodal department.
- **Objective:** It aims to establish a strong ecosystem for [Biogas/Compressed Biogas \(CBG\)](#)/Bio-CNG plants to foster sustainable growth.



Models of Scheme		

Model	Description	Uses
Individual Household	Households with three or more cattle.	Biogas for cooking, slurry as manure.
Community	Plants for 5-10 households, managed by Gram Panchayats (GP) or Self-Help Groups (SHGs).	Gas for households/restaurants, slurry as manure or sold.
Cluster	Plants in multiple households in a village/group of villages.	Gas for households, slurry sold as biofertilizers.
Commercial CBG	Plants set up by Entrepreneurs/Co operatives/Gaushalas.	Compressed gas for fuel, slurry as organic manure.

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