

5 Biogas Plants to Come up in Jharkhand

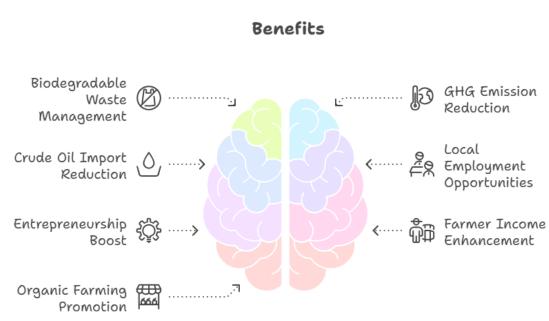
Why in News?

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 <u>Swachh Bharat Mission</u> 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 <u>Biogas/Compressed Biogas (CBG)</u>/Bio-CNG plants to foster sustainable growth.



Made with 🝃 Napkin

Models of Scheme

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

PDF Refernece URL: https://www.drishtiias.com/printpdf/5-biogas-plants-to-come-up-in-jharkhand

