



Zilla Parishad, Kolhapur

Swachh Bharat Mission (G) Phase II

Gobardhan Biogas Project Mangaon

**Gram Panchayat Mangaon,
Block Hatkanangle, District Kolhapur**

**Pilot Gobardhan Project,
Gram Panchayat Mangaon,
Block Hatkanangle, District Kolhapur.**



Under Swachh Bharat Mission (G) Phase 2, a pilot Gobardhan project has been set up for the district through the Central Government. This project has been set up in Gram Panchayat Mangaon, block Hatkanangle in Kolhapur district.

There are a total of 6 wards & 2800 families in Mangaon Gram Panchayat. Also, 150 self-help groups operating in the Mangaon.

The main objective of the Gobardhan project

The objective of this project is to produce biogas from waste collected from village and produce electricity through biogas.

Project information:-

- This project has a capacity of 1.50 TON/DAY and produces 100 to 120 CUM/DAY biogas.
- This project has the capacity to generate 100 to 120 units of electricity.
- The project will produce 4000 liters of organic fertilizer and slurry.
- The budgeted amount of the project is Rs. 46.71 lakh.
- The Detailed Project Report (DPR) of this project has been prepared by Urja Biotech Ltd. Pune.

Waste collection planning

- The necessary mechanism for waste collection is available at Mangaon Gram Panchayat
- Waste collected from 2800 families of Mangaon GP, neighboring GPs & From a hotel businessman is around 1.20 tonne per day.
- Actively operating 150 self-help groups have been giving planning for ward-wise wet and dry waste segregation•
- Segregated waste is being transported to the project site by the Gram Panchayat's waste collection vehicle.
- This waste includes household waste, market waste, and hotel waste.



Benefits of the Gobardhan project

- **Generated Biogas in the Gobardhan project is being provided to 50 families for free of cost.**
- **The electricity generated in the project is being used to power 100 street lights in the village. Due to this, Gram Panchayat save an estimated Rs. 10,000 to 15,000 per month.**
- **Gram Panchayat will generate estimated income of Rs.20,000/- per months through the organic fertilizer and slurry generated from the Gobardhan project.**



- Due to the, Gobardhan project Waste management & visual cleanliness in the village is being done properly.
- The Gram Panchayat will get financial income from biogas, electricity generation and fertilizer.
- Other GPs in the district visit & get information of this project.



Hon. MLA Mr. Prakash Awade Inauguration of Gobardhan Project

