



Gobar-Dhan Plant: 2nd Phase of SBM-U

For Prelims: 2nd Phase of SBM-U, Bioremediation.

For Mains: Significance of Swachh Bharat Mission in making India Clean.

Why in News?

Recently, the Prime Minister has inaugurated "**Gobar-Dhan (Bio-CNG) Plant**" in Indore with the aim of removing lakhs of tonnes of garbage that is occupying thousand acres of land and causing air and water pollution leading to many diseases.

- It has been established under the [second phase of Swachh Bharat Mission \(SBM-U 2.0\)](#).
- The plant is **based on zero landfill models**, whereby no rejects would be generated. Additionally, the project is expected **to yield multiple environmental benefits**, viz. reduction in greenhouse gas emissions, providing green energy along with organic compost as fertilizer.

What are the Key Points of Swachh Bharat Mission-Urban 2.0?

- **About:**
 - SBM-U 2.0 was announced in [Budget 2021-22](#), as the continuation of SBM-U first phase.
 - The government is trying to **tap safe containment, transportation, disposal of fecal sludge, and septage from toilets**.
 - SBM-U first phase was launched on **2nd October 2014** aiming at making urban India [Open Defecation Free \(ODF\)](#) and achieving 100% scientific management of municipal solid waste. It lasted till October 2019.
 - It will be implemented over five years from **2021 to 2026 with an outlay of Rs.1.41 lakh crore**.
 - The Mission is being implemented under the overarching principles of "**waste to wealth**", and "[circular economy](#)".
- **Aim:**
 - It focuses on source segregation of garbage, reduction in [single-use plastic](#) and air pollution, by effectively managing waste from construction and demolition activities and [bioremediation of all legacy dump sites](#).
 - Under this mission, all wastewater will be treated properly before it is discharged into water bodies, and the government is trying to make maximum reuse a priority.
- **Mission outcomes:**
 - All statutory towns will become **ODF+ certified** (focuses on toilets with water, maintenance and hygiene)
 - All statutory towns with less than 1 lakh population will become **ODF++ certified** (focuses on toilets with sludge and septage management).
 - 50% of all statutory towns with less than 1 lakh population will become **Water+ certified** (aims to sustain toilets by treating and reuse of water).
 - All statutory towns will be at least [3-star Garbage Free rated](#) as per MoHUA's Star Rating Protocol for Garbage Free cities.

- Bioremediation of all legacy dumpsites.

Source: PIB

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