



Indore's First Green Waste Processing Plant

Why in News?

Under [Swachh Bharat Mission-Urban](#), India's first [public-private partnership \(PPP\)](#) green waste processing plant has been set up in **Indore, Madhya Pradesh**.

Key Points

- **About the Processing Plant:**
 - **Astronomical Industries Pvt. Ltd.** has partnered with **Indore Municipal Corporation (IMC)** to set up, **operate and maintain the plant**.
 - The plant will process **green waste** such as wood, branches, leaves and flowers into sawdust, which will be **dried, reducing the moisture content** to 90% in 3-4 months.
 - The **sawdust will be used for alternative fuel**, packaging material and biodegradable plates.
- **Environmental Impact:**
 - This initiative will help in **controlling air pollution**, improving the [Air Quality Index \(AQI\)](#) and reducing dependence on coal.
 - It will also contribute to enhancing [soil fertility](#) by producing [fertilizers](#) from processed sawdust.



Swachh Bharat Mission

- **About:**
 - The Ministry of Housing and Urban Affairs launched **Swachh Bharat Mission-Urban (SBM-U)** as a national campaign on **2nd October 2014** with the aim of **promoting sanitation, cleanliness and proper waste management** in urban areas.

- Its objective is to **make the cities and towns across India clean and free from open defecation.**
- **Achievements of Swachh Bharat Mission:**
 - In the last 9 years, 12 crore toilets have been constructed, thereby **freeing the country from the scourge of open defecation** and also 75% of the total villages have achieved **Open Defecation Free (ODF) Plus status.**
 - Urban India has become Open Defecation Free (ODF) , with all 4,715 **Urban Local Bodies (ULBs)** becoming fully ODF.
 - 3,547 ULBs are ODF+ with functional and clean community and public toilets, while 1,191 ULBs are ODF++ with complete faecal sludge management.
 - 14 cities are Water+ certified, which includes treatment of wastewater along with its optimal reuse.

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