

# SIMPLY WASTE ?

*A monthly newsletter on waste*



SOURCE : CANVA

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**800+**

Biogas plants installed



**22,995**

Tons of CO2 offset every year



**547**

Tons of LPG substituted every year



**28.8**

Lakh liters of organic manure generated every year



**Green Connect®**  
Resource Management Solutions  
ISO 9001:2015

## Jasmine - A Perfume Manufacturing Industry Adopts Innovative Biogas Solution for Floral Waste Management



In a groundbreaking step towards sustainable production, Jasmine Perfume Manufacturing industry, located in Dindigul, Tamil Nadu, has partnered with Green Connect to explore the feasibility of generating biogas from floral waste. The venture has yielded promising results, paving the way for eco-friendly practices within the perfume industry.

Upon approaching Green Connect with their vision, Jasmine was met with enthusiasm and assurance that biogas production from floral waste was indeed possible. Green Connect requested a sample of the floral waste for testing, and after three days of feeding it into their existing gas setup, the results were impressive. The test revealed that 25kg of floral waste could produce approximately 1 cubic meter of biogas.

Emboldened by these results, Jasmine decided to take the next step by setting up a 25 kg floral waste biogas plant for further testing. The primary objective was to utilize the biogas for the industry's kitchen operations, making their production process more sustainable and environmentally friendly.

However, a logistical challenge presented itself when it was discovered that the biogas plant and the kitchen were situated in different locations, preventing a direct connection. To address this, Green Connect proposed an innovative solution: using two biogas storage balloons. These balloons would allow Jasmine to store the produced biogas efficiently, transporting it to the kitchen when needed. As one balloon gets emptied during usage, the other would remain available for refilling.

Currently, Jasmine's biogas plant is producing a daily output of 1 cubic meter of biogas, showcasing the effectiveness of the project. This novel approach of generating biogas from floral waste marks a significant step forward in sustainable practices within the perfume industry.

By embracing this environmentally responsible solution, Jasmine Perfume Manufacturing industry sets an inspiring example for other companies, proving that a harmonious blend of innovation and eco-consciousness can lead to a greener, cleaner, and more sustainable future for businesses across various sectors.