



Powering India's Sustainable Future



EARTHSURE ECOSOLUTIONS PVT LTD.

Our Mission

EarthSURE is an EPC partner advancing India's transition to clean energy and circular manufacturing. As part of the **Ecosure Pulpmolding Technologies Ltd**, **EarthSURE** integrates engineering, procurement, construction, and long-term operations to deliver outcomes not just assets.

Work spans Compressed Biogas (CBG), Bioenzymes development, Additive development, other renewable energy infrastructure, initiatives aligned with India's commitment towards net zero and industry energy demands.

Guided by the **United Nations Sustainable Development Goals (SDGs)** and India's biofuel policies, Earthsure extends the vision of transforming waste resources into value-driven products .

Our Commitment to the Sustainable Development Goals (SDGs)



CBG Project Enquiry to Execution –Roadmap (EPC)



WHY EARTHSURE?



1: Turnkey CBG Solutions

Compressed Biogas (CBG) is emerging as a game-changer in the renewable energy sector. As a clean, sustainable, and cost-effective alternative to conventional fuels, CBG has the potential to reduce carbon emissions and fulfilling energy demands for diverse sections.

Feedstocks for CBG



Organic Fraction - MSW



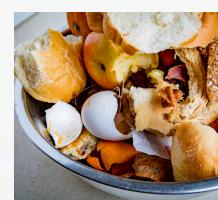
Napier grass



Poultry litter



Press mud

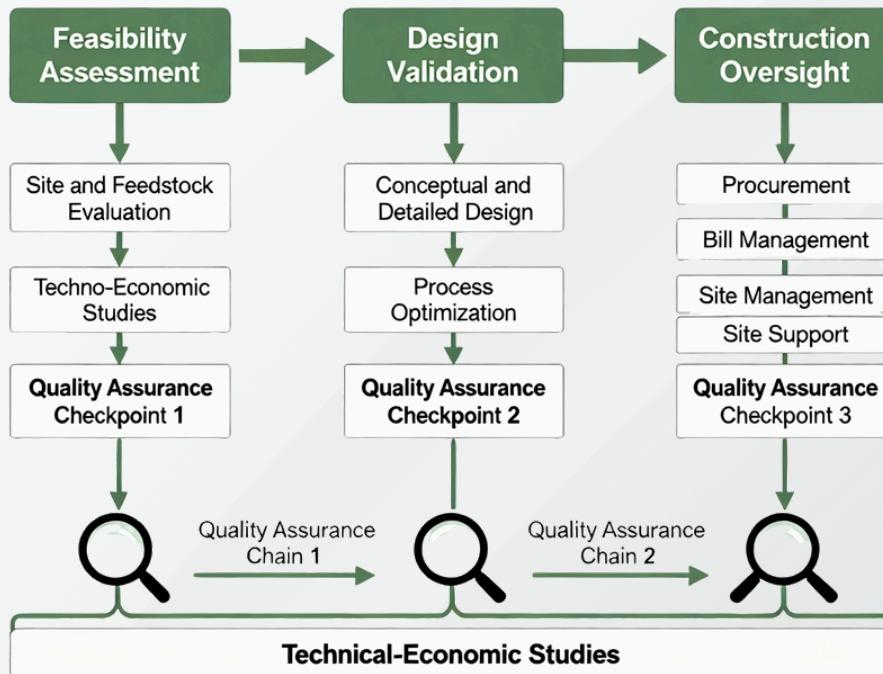


Food waste



2: PMC CBG Solutions

Our PMC CBG Solutions ensure end-to-end project management from feasibility and design validation to construction oversight and commissioning. We assess sites and feedstocks, conduct techno-economic studies, and recommend optimal technologies.

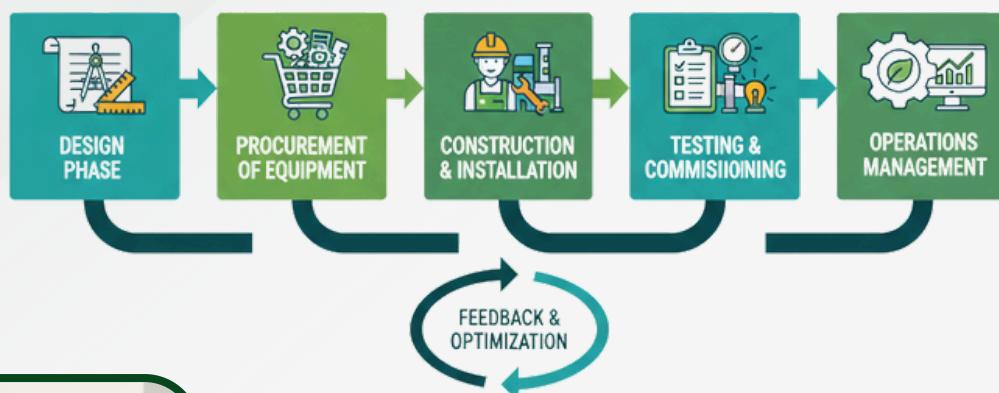




3: EPC CBG Solutions

At Earthsure Ecosolutions, our EPC services provide a full-spectrum solution for Compressed Biogas (CBG) plants from detailed engineering design to equipment procurement and on-site construction management.

EPC CBG SOLUTION ENGINEERING WORKFLOW



4: Research and Development

Our division focuses on advancing biogas technology through bioengineered microbial cultures that enhance biogas yield, improve digestion efficiency across diverse feedstocks, and elevate the nutrient quality of bio-fertilizer.



TESTING PHASE



Flowing Towards a Sustainable Future

CBG Process flow Diagram

Raw Material Collection



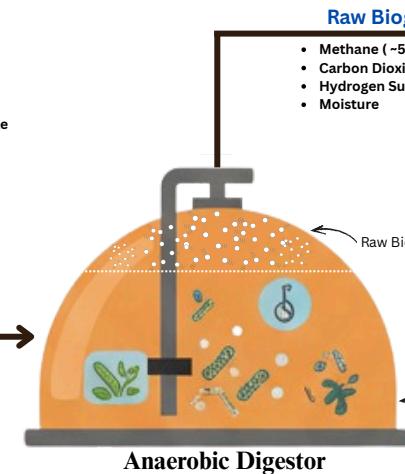
..and other agriculture residue

Pre-Treatment



..and other approaches like microbes / bio-enzymes

Feeding Tank



Anaerobic Digestor

Digestate Storage Lagoon

Lagoon

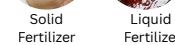
Bagging Unit (Ready to Sale)



Drying Process

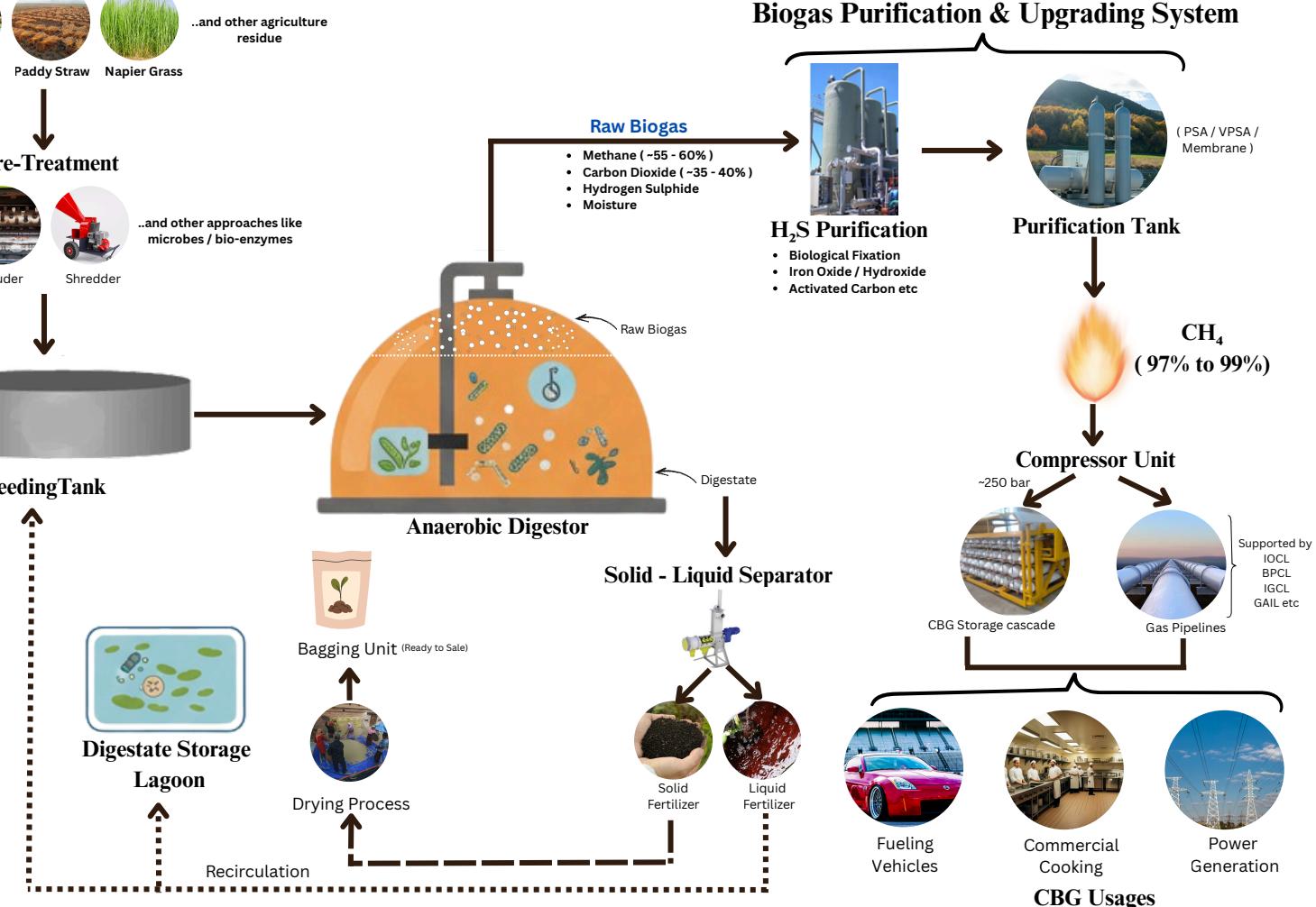
Recirculation

Solid - Liquid Separator



Solid Fertilizer

Liquid Fertilizer



SET UP YOUR OWN CBG PLANT

ROI ~30-45%

EARN
~5 LAKH/DAY
*Condition Apply

KEY HIGHLIGHTS:

- Turn Agri Waste into Wealth
- Earn ~30-45% ROI YoY
- Break-even in 5-6 Years

*Condition Apply

FINANCING & SUPPORT:

- 70% Loan of project
- ~40-60% Subsidy
- 15-Year Assured Buyback

Transforming Waste Into Wealth

Challenge



Millions of tons of agricultural residue, and industrial by-products generated every year, ends up in landfills, creating soil contamination.

Solution



Our CBG plant converts organic waste into clean, renewable Compressed Biogas through advanced anaerobic digestion technology.

Our Approach

Customer First

- Post-commissioning support
- Real-time process monitoring
- Transparent communication
- Dedicated project managers

Results

Environmental & Economic Gains

- Strengthened local circular economy
- Lower greenhouse-gas emissions
- Cleaner energy production
- Reduced landfill dependency



90%

Waste Diversion
Rate



\$2.5M

Annual
Savings



35%

Reduced Carbon
Footprint



90+

New Jobs

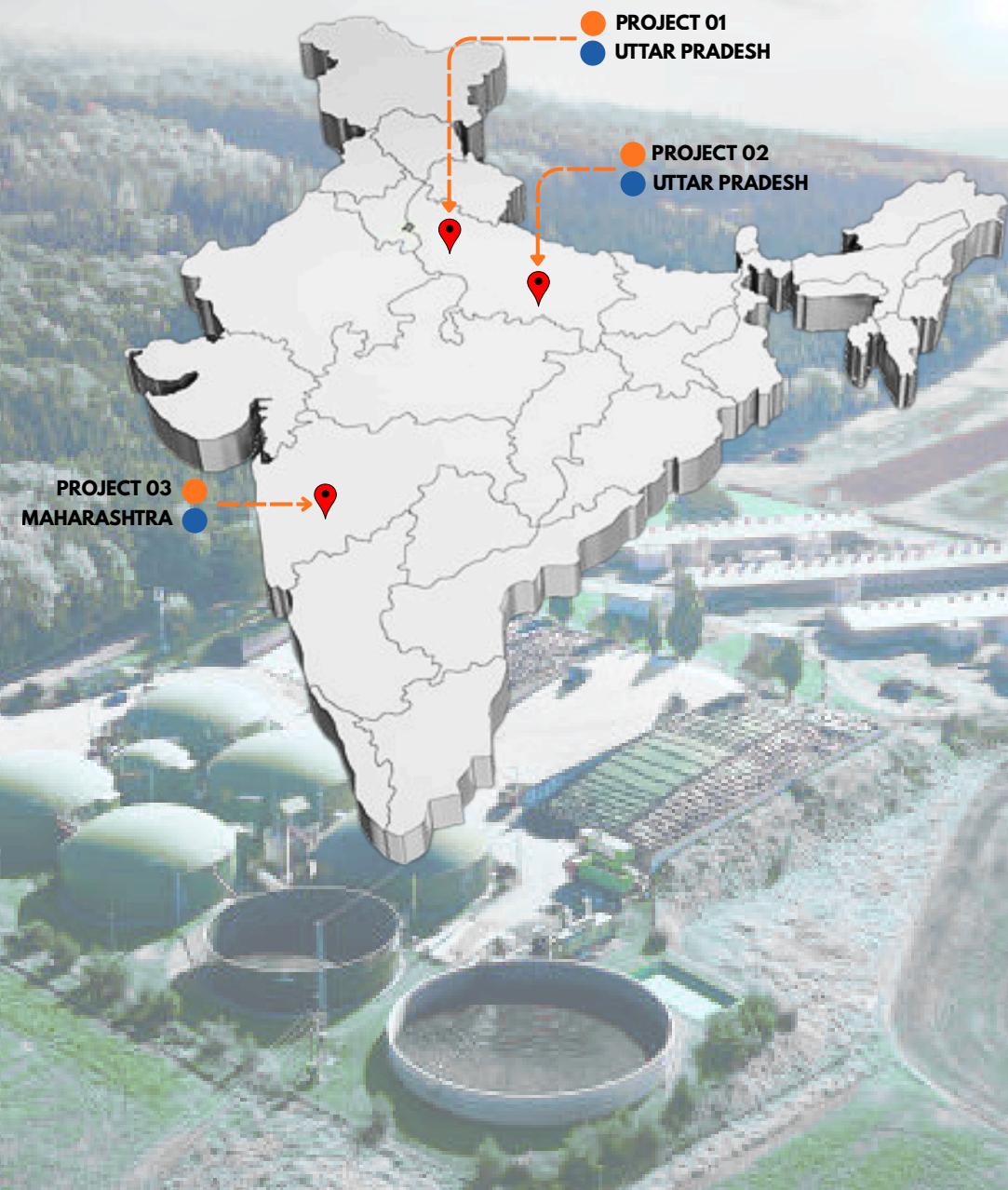


Before

After

PROJECTS>>>

**Join Us in Making the World
Greener!**



PROJECT 1

Capacity 7 TPD
Feed Stock: Napier Grass & Cow Dung
Year of Installation
in-process

PROJECT 2

Capacity 10 TPD
Feed Stock: Napier Grass & Press Mud
Year of Installation
in-process

PROJECT 3

Capacity 6 TPD
Feed Stock: Napier Grass & Press Mud
Year of Installation
in-process

Visionary Minds Behind Green Energy



MOHIT KUMAR

Chairman & Managing
Director



ANUJ KUMAR

Director and Co-
Founder



MOHIT CHAUHAN

Chief Operating
Officer



**DR. RAJESH KUMAR
PRASAD**

Additional Director &
Business Unit Head



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