



# 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 liter



Press mud

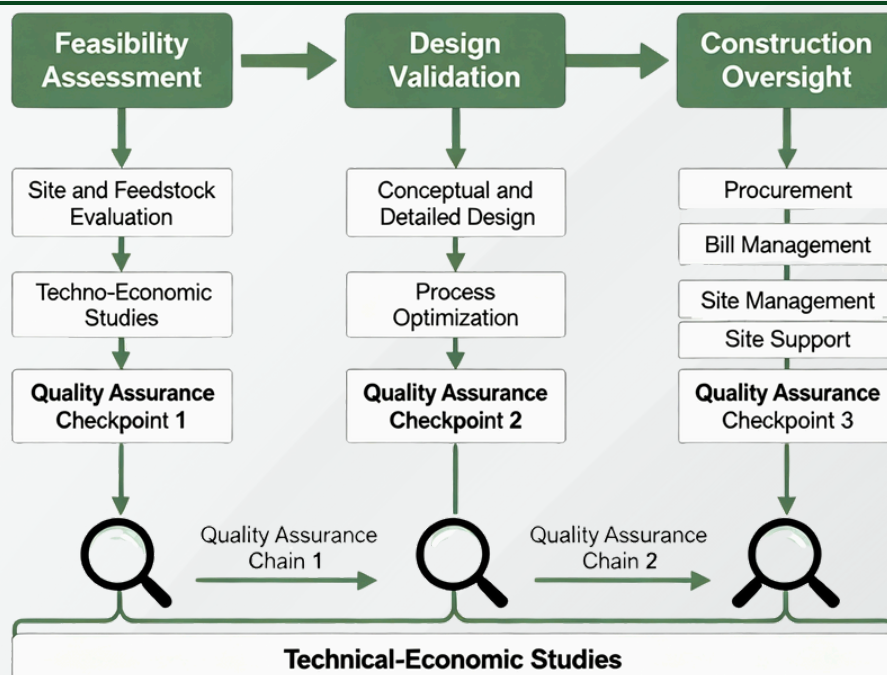


Food waste



## 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.

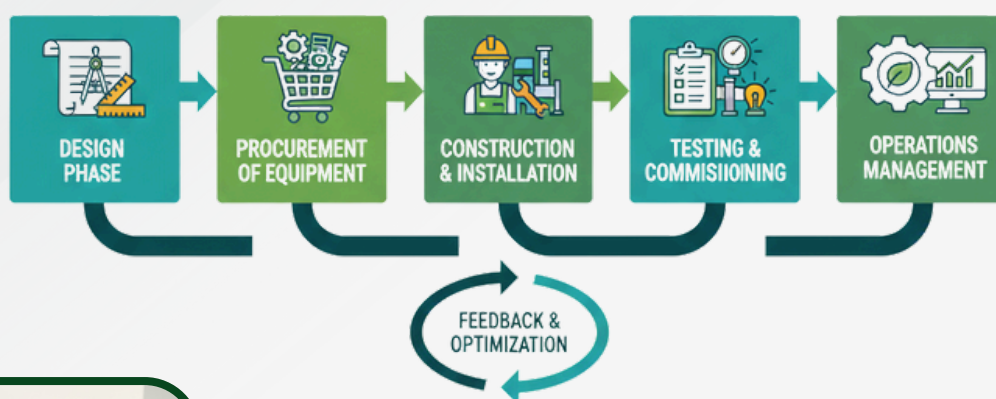




### 3: EPC CBG Solutions

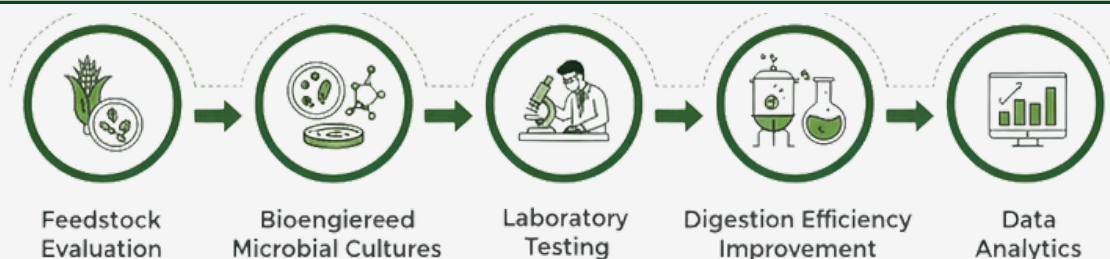
At Earthsure Ecosolutions, our EPC services provide a full-spectrum solution for Compressed Biogas (CBG) plants from detailed engineering design to equipment procurement and on-site construction management.

#### 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.

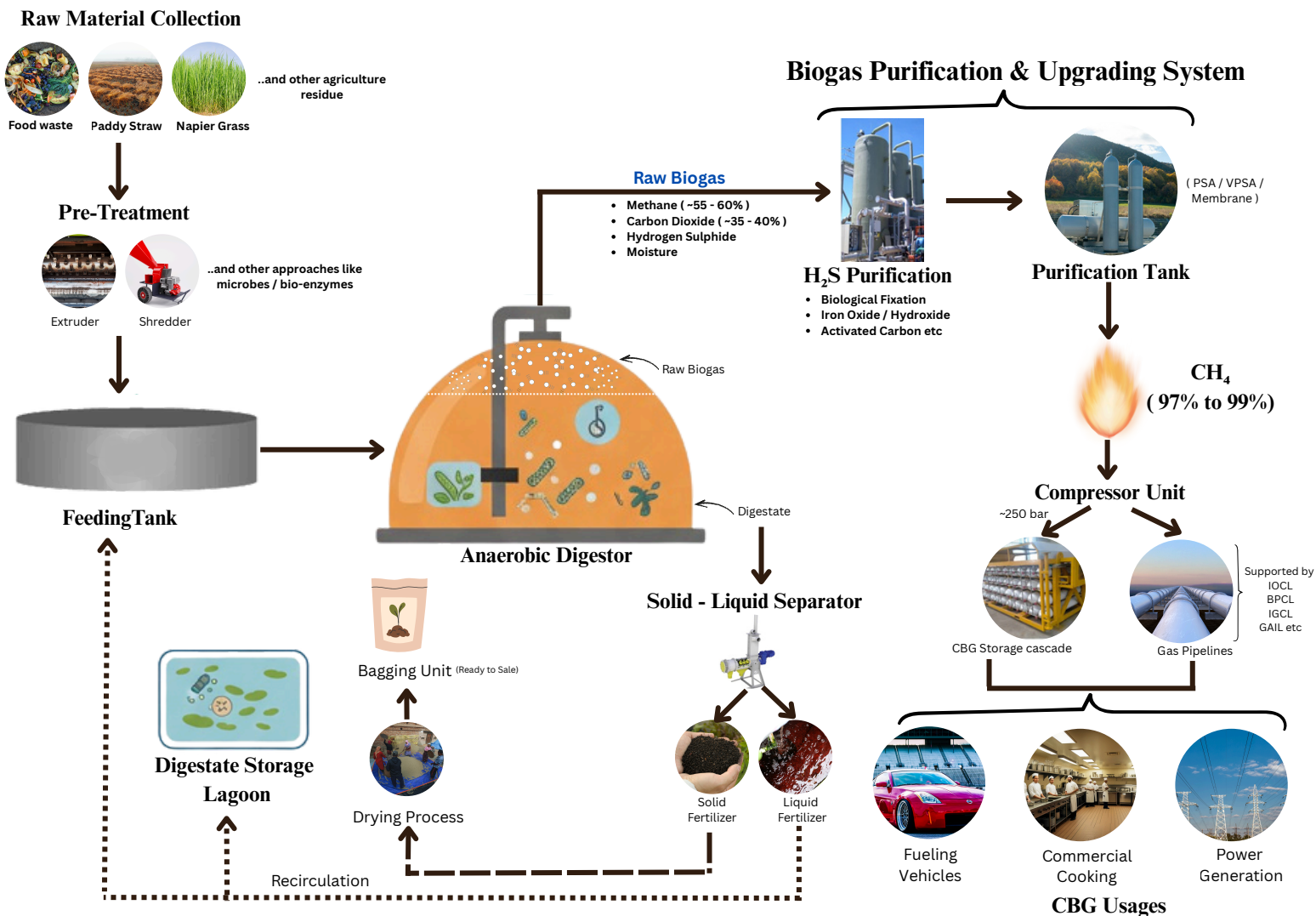


#### TESTING PHASE



Flowing Towards a Sustainable Future

# CBG Process flow Diagram



## 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



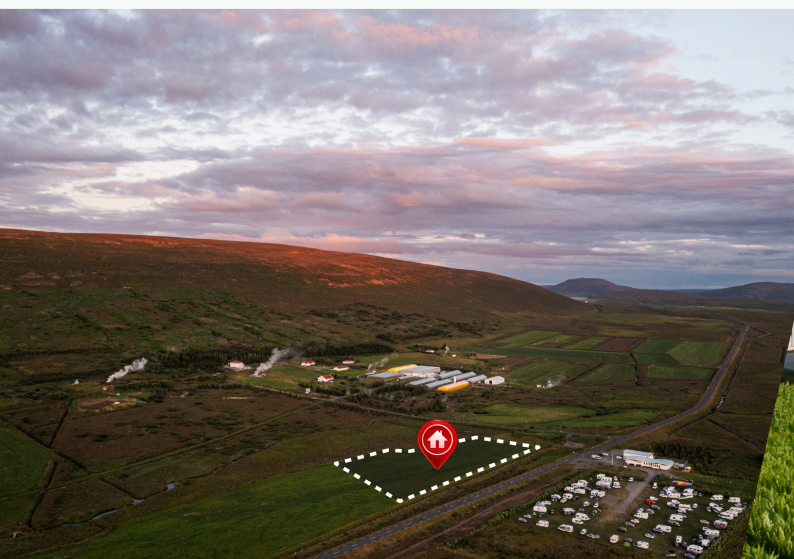
35%

Reduced Carbon  
Footprint



90+

New Jobs



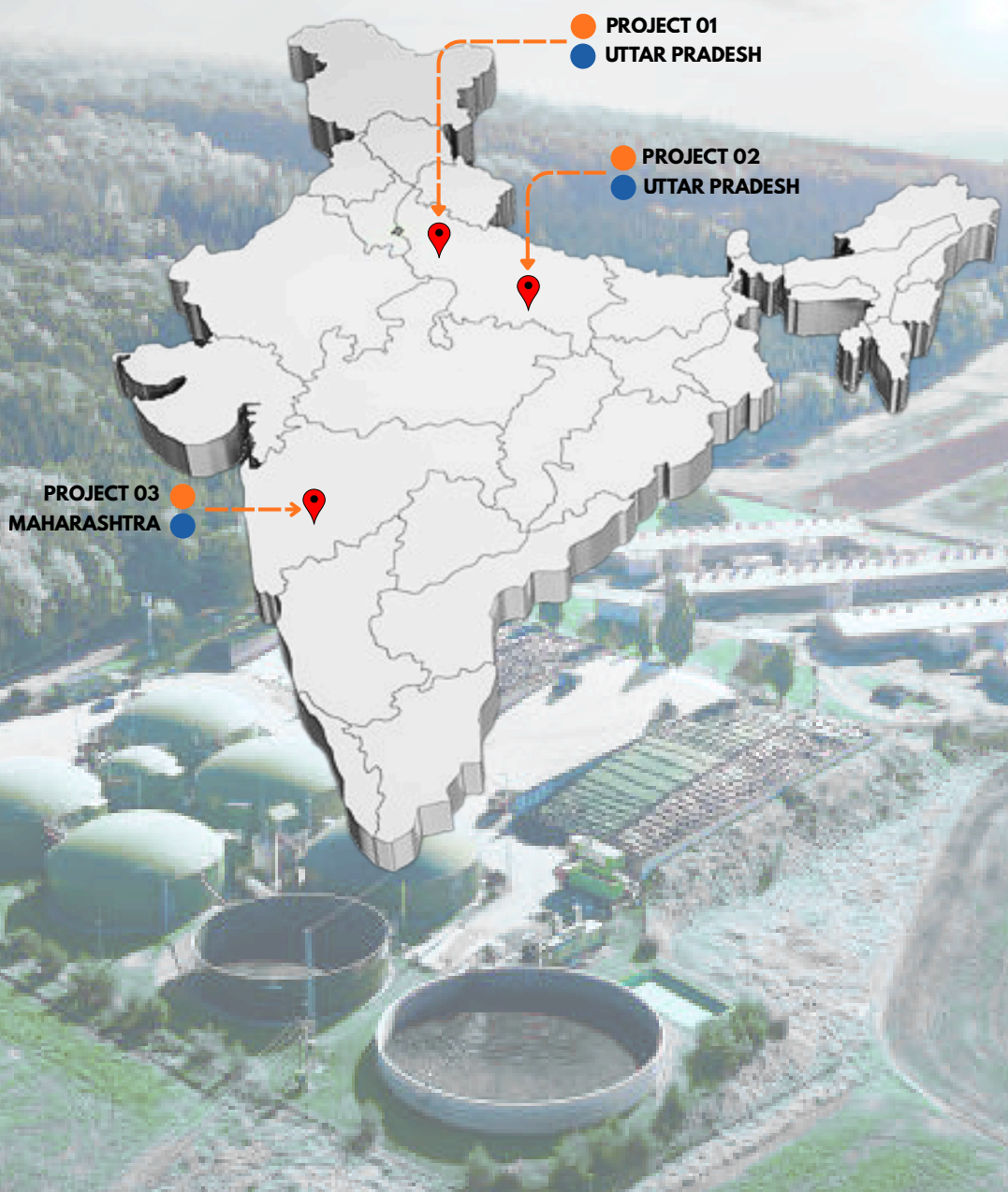
Before



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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