



ELAN ENERGY



Renewable | Bioenergy | Water
Hydrogen | Sustainability

Engineering Sustainable Solutions for a *Greener* Energy

Our Journey of sustainable impact

What started as a **vision to protect nature has grown into a purpose**-driven organization powering change across India.

2005 | Foundation Laid

Founded with a vision for clean energy and water sustainability

2008 | First Renewable Power Project Delivered

Enabled renewable power access in remote Ladakh through decentralised solar systems

2010 | Safe Drinking Water Solution

Delivered safe drinking water solutions addressing fluoride and arsenic contamination

2013 | Low Carbon Solutions

Strengthened low-carbon defence infrastructure with solar-powered border solutions in Jammu & Kashmir

2017 | Solar based water ATMs

Improved urban water access through solar-based Water ATMs for Uttar Pradesh Metro

2020 | Foundation Laid

Commissioned Haryana's first group captive 12 MWp solar power project

2023 | 50K* Tonnes of organic waste

Commissioned first Biogas Project, processing 63,000+ tonnes of organic waste annually

2025 | 25+* CBG Projects

Scaling nationwide impact as Principal Technical Consultant for 25+ Compressed Biogas Projects across 9+ State in India.

Building Energy with Responsibility

Our journey is defined by resilience, learning & innovation. Every milestone marks our progress toward a cleaner, more sustainable future.

*Performance data reflects client-owned assets delivered through our services.

"Where Energy, Engineering and Sustainability Converge."

About Elan Energy

With a vision rooted in innovation and responsibility, we engineer transformative energy systems that empower industries, strengthen communities, and safeguards the planet.

Guided by highly skilled & diverse team of experienced engineers, sustainability experts & environmental scientists, Elan Energy stands as a symbol of trust, performance and purpose.

Our expertise spans across multiple clean energy domains – **Solar Power , Compressed BioGas/Renewable Biogas, Biodiesel, Wastewater Treatment, Green Hydrogen ,Carbon Credits and ESG Consulting**. Each project we undertake reflects our commitment to sustainability, technological excellence, and measurable climate impact.

We work closely with governments, public institutions, and private organizations to deliver end to end renewable energy solutions, from feasibility studies, design to project execution and long term maintenance.

At Elan Energy, our purpose extends beyond projects, we are committed to safeguarding the global environment by engineering solutions that balance progress with planetary responsibility.

Clean Energy
Clear Future





Measured in Change,
Not Just Numbers



Our Impact

At **Elan Energy**, impact is defined by our commitment to sustainability and responsible corporate governance. Through renewable energy, waste-to-value solutions, and sustainable infrastructure, our ESG-driven initiatives reduce carbon emissions, conserve natural resources, and contribute meaningfully to a resilient, low-carbon future for communities and industries alike.

Renewable | Bioenergy |
Water | Hydrogen |
Sustainability

 **1.07*** million tonnes of CO₂ Reduced.

 **1.3*** million Kg of CBG generated (till now)**

 **120+*** millions of Water Treated

30+
Projects Completed

Serving
8
major industries

Impact That Protects the Planet

 **350+*** number of GREEN JOBS created

Target
3-SDG
Goals

 **240+ GWh*** units of Electricity Produced

10+
outlets of
Langar Sewa

 **63,000+*** Tonnes of organic waste managed



*Performance data reflects client-owned assets delivered through our services.

** As on date 10 Feb 2026

Why Elan Energy?

01

Proven Track Record Across Renewable Sectors

Delivering over **30+*** large-scale renewable energy projects across India – including CBG, Solar, and Wastewater Treatment – with a combined **capacity of over 3040* TPD and 50+* MWp** of clean energy generation.

02

End-to-End Expertise – PMC, EPC & O&M

From concept planning to commissioning and operations, we offer integrated project delivery – **ensuring timely execution, cost efficiency, and sustainable performance** under one roof.

03

Trusted by Leading Institutions & Corporates

Proud implementation partner for organizations like Bharat Petroleum Corporation Limited, Government of Haryana, Government of Punjab, GAIL India pvt. ltd. and LR Energy, reinforcing our credibility and commitment to excellence.

04

Engineering Excellence & On-Time Delivery

Backed by highly skilled & diverse team, achieving **95%* on-schedule** project completion with adherence to international EHS and quality standards.

05

Tangible Environment Impact

Our projects will collectively generate green energy for **150,000+* households**, prevent over **8,90,000+* tonnes of waste** annually from landfills, and reduce CO₂ emissions by **around 1.1 million tonnes CO₂** per year.

*Performance data reflects client-owned assets delivered through our services.



Core Business Verticals

01 RENEWABLE ENERGY

Solar Power

Clean, Scalable Solar Energy Solutions

Bio Diesel / Bio Ethanol

Renewable alternatives for cleaner mobility.

Green Hydrogen

Powering a zero-carbon future.

02 CIRCULAR & CLIMATE SOLUTIONS

Compressed BioGas (CBG)

Turning Organic Waste into circular energy.

Carbon Credits

Verifiable climate action assets.

ESG Reporting

03 SEWAGE & WATER TREATMENT

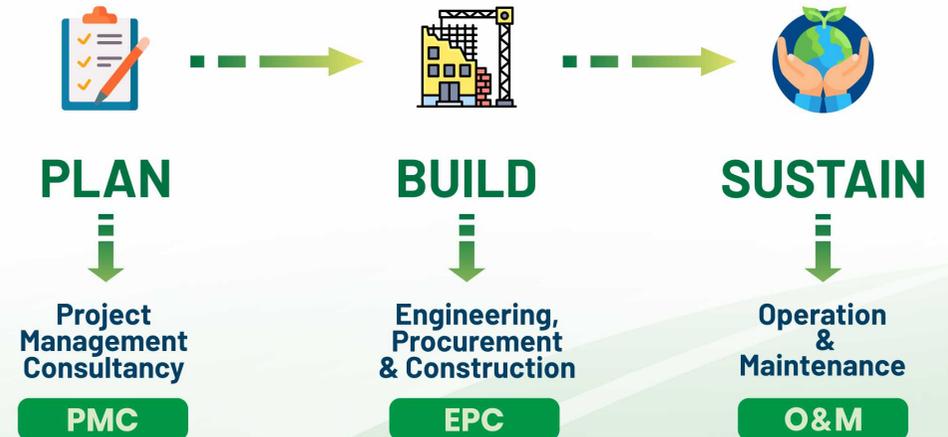
Sewage & Wastewater Treatment

Advanced System for Processing & Purifying Wastewater.

Driven by purpose and powered by expertise, **Elan Energy's core business verticals** span renewable energy, clean fuels, water management, and sustainability consulting. Each vertical plays a vital role in enabling **environmental responsibility**, **operational efficiency**, and **future-ready growth**.

Our Services

From Planning to *Performance*



**Multiple Verticals.
One Sustainable Vision.**

DIGESTER CLINIC

Guardian of BIOGAS



Transforming Biological Complexity into Operational Strength

At Elan Energy, **Digester Clinic** is a specialized performance optimization service designed to enhance the efficiency and reliability of anaerobic digesters. It translates complex biological behaviour into actionable solutions.

Proven Experience | Consistent Solutions

- 01 Experience in **CBG plant operations**
- 02 Experience in **Biological Commissioning**
- 03 Solutions based on **real biological behaviour**
- 04 Focus on **consistent performance** over temporary fixes.



What we do at Digester Clinic

Performance analysis of anaerobic digestion systems.

Practical diagnosis based on actual plant data.

Actionable recommendations to **improve efficiency**.

Solutions focused on **long-term stability & productivity**.

**MAXIMIZING EFFICIENCY.
RESTORING STABILITY.
DELIVERING MEASURABLE RESULTS.**

Value Proposition

- ✓ Improves gas yield
- ✓ Promotes stability
- ✓ Ensures stability
- ✓ Delivers results.

Our Approach

DIAGNOSE

Performance analysis of digestion systems using real-time plant data.

ANALYSE

Scientific evaluation of biological behaviour and process conditions.

OPTIMIZE

Actionable recommendations to enhance efficiency and gas output.

STABILIZE

Long-term process control for sustained productivity.



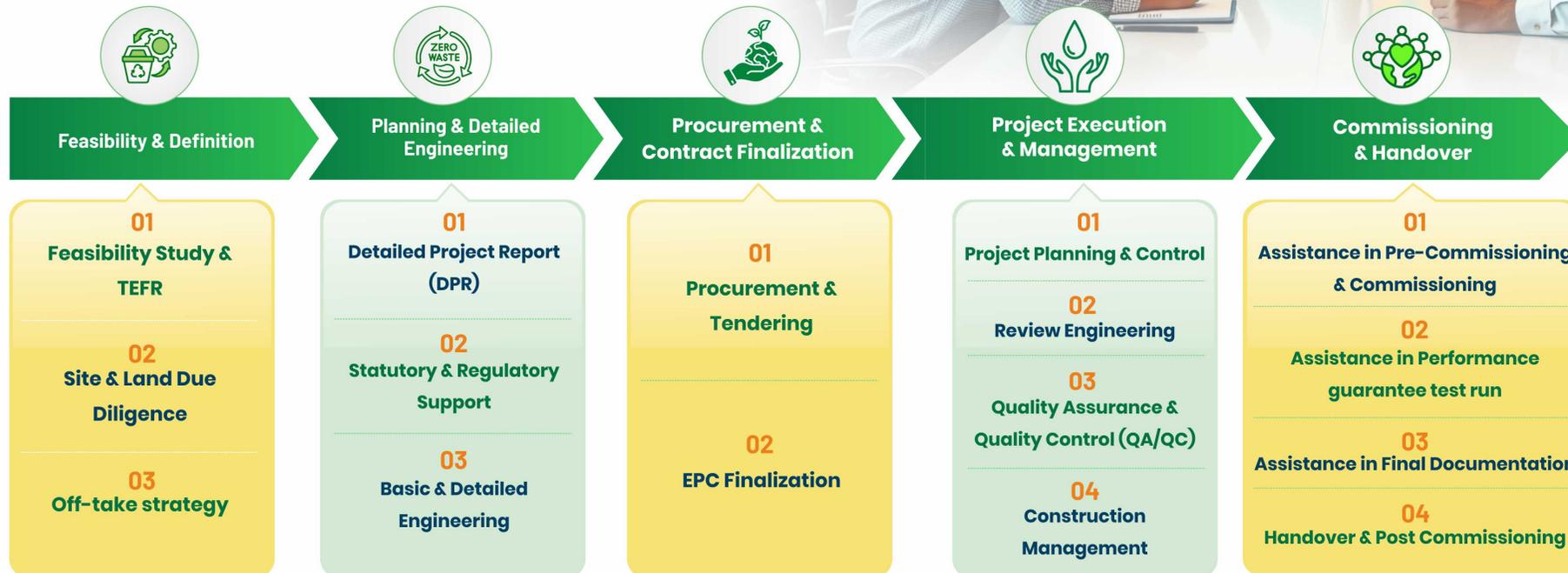
#PMC



Guiding Projects
from **Vision to Value**

Project Management & Consultancy

Driving projects from concept to completion



Engineering, Procurement & Construction #EPC

End-to-End Integrated Project Delivery



- Engineering & Design**
 - Detailed Project Layouts
 - Full Technical Documentation (Structural, Electrical, Mechanical, Process, C&I)
 - Optimized Output & Long-Term Performance
- Procurement & SCM**
 - Managing Vendor Sourcing
 - Optimizing Cost, Quality, & Delivery
 - Coordinating Project Logistics
- Construction & Installation**
 - Execution of Civil & M/E/C&I Works
 - Site Management & Grid Integration
 - Strict QA/QC & Safety Standards
- Testing & Commissioning**
 - Rigorous System Performance Checks
 - Conducting Regulatory Inspections
 - Ensuring Full Operational Efficiency

**Strength in Design.
Confidence in Delivery.**

Operations & Maintenance #O&M

#O&M

- Maintenance & Reliability**
 - Preventive & predictive maintenance
 - Emergency Response & Troubleshooting
 - Minimising Unplanned Shutdowns
- Performance & Optimization**
 - Real-time data Analysis & Process Fine-tuning
 - Efficiency Upgrades to maintain Peak Output
 - Upholding Sustainability Standards
- Asset & Inventory Management**
 - Comprehensive Asset Tracking & Digital Logs
 - Monthly Performance Reports
 - Strategic Spare parts & Inventory Stocking
- Compliance & People**
 - Training & Capacity Building for Plant Teams
 - Environmental & Compliance Assurance
 - Periodic Audits & Documentation Support

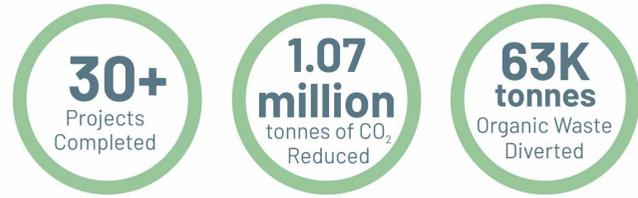
**Sustaining
Performance
across the asset
Lifecycle**

**Proactive Care.
Proven Results.**

Our Projects

Pan-India Presence

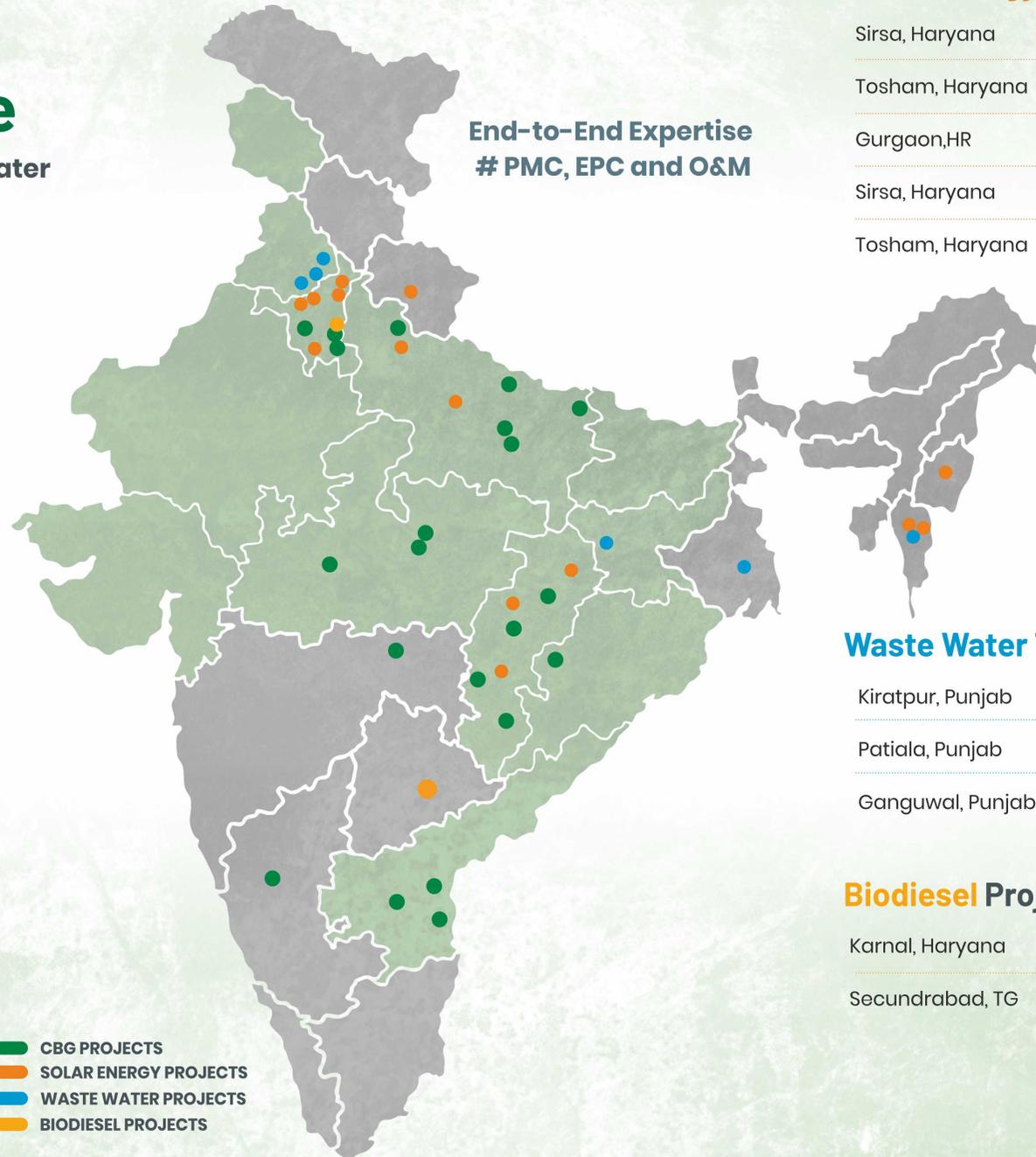
Delivering **CBG, Solar, Biodiesel & Waste Water** Infrastructure across India



CBG Projects

Karnal, Haryana	5.4 TPD
Sonipat, Haryana	5.4 TPD
Bina, MP	15 TPD
HUBLI-DHARWAD, Karnataka	5.5 TPD
Yamuna nagar, Haryana	5.5 TPD
Saharanpur, UP	5.5 TPD
Raipur, Chhattisgarh	4.8 TPD
Bilaspur, Chhattisgarh	4.8 TPD
Ambikapur, Chhattisgarh	14 TPD
Bargarh, Odisha	5.5 TPD
Amravati, Maharashtra	5.5 TPD
Rajnandgaon, Chhattisgarh	4.8 TPD

End-to-End Expertise
PMC, EPC and O&M



Solar Energy Projects

Sirsa, Haryana	12 MWp
Tosham, Haryana	28.5 MWP
Gurgaon, HR	1 MWp Rooftop
Sirsa, Haryana	15 MWp
Tosham, Haryana	12 MWp

Waste Water Treatment Plants

Kiratpur, Punjab	2 MLD
Patiala, Punjab	2 MLD
Ganguwal, Punjab	1 MLD

Biodiesel Projects

Karnal, Haryana	50 TPD
Secundrabad, TG	50 TPD

Our Projects

Pan-India Presence

Delivering **CBG, Solar, Biodiesel & Waste Water** Infrastructure across India

CBG Plants Installations List

WASTE	STATE	DISTRICT	CBG (in TPD)	SERVICES	CLIENT
CowDung+Pressmud	HARYANA	KARNAL	5.4	EPC, O&M	LR Energy
CowDung+Pressmud	HARYANA	SONIPAT	5.4	EPC, O&M	LR Energy
Paddy Straw	MADHYA PRADESH	BINA	15	PMC	BPCL
OMSW	KARNATKA	HUBLI-DHARWAD	5.5	PMC	BPCL
OMSW	HARYANA	YAMUNANAGAR	5.5	PMC	BPCL
OMSW	UTTAR PRADESH	SAHARANPUR	5.5	PMC	BPCL
OMSW	CHHATTISGARH	RAIPUR	4.8	PMC	BPCL
OMSW	CHHATTISGARH	BILASPUR	4.8	PMC	BPCL
OMSW	ANDHRA PRADESH	NELLORE	5.5	PMC	BPCL
OMSW	ANDHRA PRADESH	RAJAHMUNDRY	5.5	PMC	BPCL
OMSW	ANDHRA PRADESH	TIRUPATI	5.5	PMC	BPCL
OMSW	CHHATTISGARH	RAJNANDGAON	4.8	PMC	BPCL
OMSW	MADHYA PRADESH	ASHOK NAGAR	5.5	PMC	BPCL
OMSW	ODHISA	BARGARH	5.5	PMC	BPCL
OMSW	MADHYA PRADESH	ASHOKNAGAR	5.5	PMC	BPCL
OMSW	MAHARASHTRA	AMRAVATI	5.5	PMC	BPCL
PADDY STRAW	CHATTISGARH	AMBIKAPUR	14	PMC	GAIL
PADDY STRAW	PUNJAB	MOGA	20	PMC	GAIL
PADDY STRAW	CHATTISGARH	KORBA	14	PMC	GAIL

Solar Plants Installations List

STATE	DISTRICT	CAPACITY	SERVICES	CLIENT
HARYANA	SIRSA	12 MWp	EPC	LR Energy
HARYANA	TOSHAM	28.5 MWp	EPC	Government of Haryana
HARYANA	GURUGRAM	1 MWp	EPC	Lancer International School
HARYANA	SIRSA	15 MWp	EPC	LR Energy
HARYANA	TOSHAM	12 MWp	EPC	LR Energy
Mizoram	Aizawl	10 kWp	EPC	Commanded 1st MAP
Uttar Pradesh	Meerut	3.6 kWp	EPC	Dy. DTE General, Military Farms
Manipur	Imphal	35 kWp	EPC	Government of Manipur
Uttar Pradesh	Lucknow	25 kWp	EPC	Lucknow Metro Rail Corporation
Mizoram	Aizawl	300 kWp	EPC	State Authority
Uttarakhand	Dehradun	30 kWp	EPC	Chitranchal Kalyan Society
Chhattisgarh	Multiple Locations	40 kWp	EPC	Shree Foundation

STP Plants Installations List

STATE	DISTRICT	CAPACITY	SERVICES	CLIENT
PUNJAB	Kiratpur	2 MLD	EPC	Government of Punjab
PUNJAB	Patiala	2 MLD	EPC	Government of Punjab
PUNJAB	Ganguwal	1 MLD	EPC	Government of Punjab
Mizoram	Aizawl	25,000 LPD	EPC	Commanded 1st MAP
West Bengal	Kolkata	20000 LPD	EPC	Indian Army Eastern Command
West Bengal	Kolkata	20000 LPD	EPC	Indian Army Eastern Command
Uttar Pradesh	Meerut	22,000 LPD	EPC	Dy. DTE General Military Farms
Mizoram	Aizawl	20,000 LPD	EPC	State Authority
Jharkhand	Latehar	20000 LPD	EPC	D.W. & S. Department, Govt. of Jharkhand

Sustainability

A CSR Initiative

Clean Water & Sanitation



SDG 6

6

Affordable & Clean Energy



SDG 7

7

Climate Action



SDG 13

13



Green Commitment

25000+
trees planted

5000+
annually



Community Care

2000+
Meals/Year

500+
Children Supported



Empowering Futures

1000+ Beneficiaries
every year

Creating impact beyond Business Growth

At **Elanenergy**, we believe true progress is measured not just in growth, but in the positive change we create for people and the planet. Through our CSR arm – the **Elan Foundation** – we continue to drive meaningful initiatives that promote environmental balance and community well-being.

Contributing to Global Sustainability Goals

Ensuring or projects support these UN SDGs:



SDG 6

Clean Water & Sanitation

Installed **9** Sewage Treatment Plants with a combined capacity of **5+** MLD



SDG 7

Affordable & Clean Energy

40+* GWh clean energy per year.
1.3* million Kg of CBG is generated



SDG 13

Climate Action

Aiming towards Preventing **1.1 million+*** tonnes of CO2 emission (annually)

Mitigating **1 million+*** tonnes of organic waste converted to green fuel every year

* Performance data reflects client-owned assets delivered through our PMC, EPC and O&M services / solutions.

Supporting India's **NET ZERO** Roadmap



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Driven by Elan Foundation



Sustainability is a continuous journey we share

Ethics & Governance *in action*

At **Elan Energy** ethics and governance are embedded into how we plan, execute and operate projects.

Our systems ensure **transparency, accountability, safety** and **compliance** across all stages of delivery.

The **Elan Governance** Framework



**We do the right work,
the right way**

with responsibility, transparency & accountability

WHERE PROGRESS LEAVES A POSITIVE FOOTPRINT.

True progress is measured by the difference it makes. At **Elan Energy**, our work creates lasting environmental and social value – **reducing emissions, preserving resources & improving lives**. Every solution we deliver is a step toward a future where growth and sustainability exist in harmony.

Governance across our Operations

Project management Consultancy #PMC

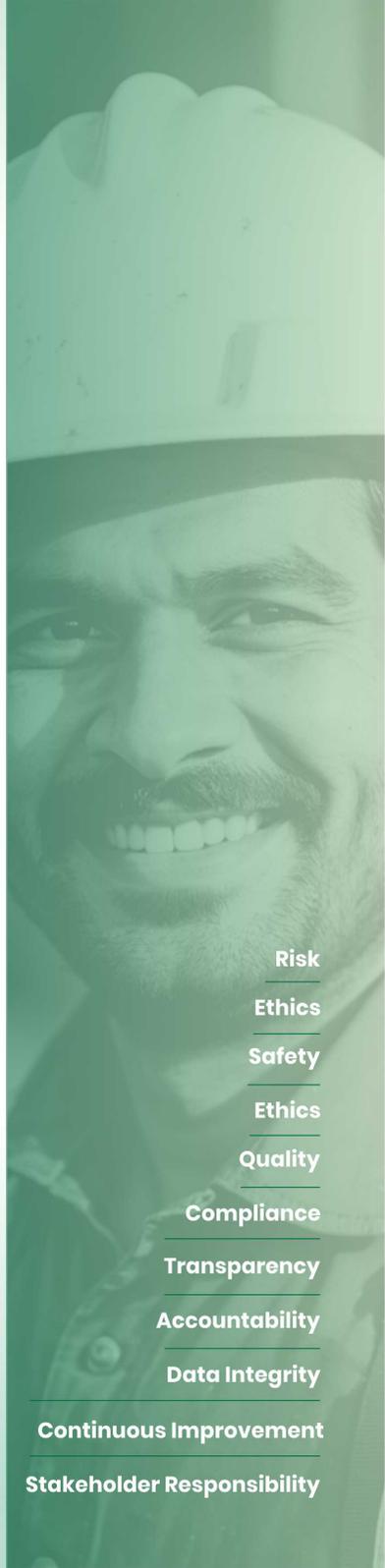
- Transparent Decision making
- Independent Project Oversight
- Compliance led reporting & controls

Engineering, Procurement & Construction #EPC

- Ethical & transparent procurement
- Safety First execution practices
- Quality & Statutory Compliance

Operations & Maintenance #O&M

- Asset Integrity & Reliability
- Environmental Responsibility
- Continuous Performance Monitoring



- Risk
- Ethics
- Safety
- Ethics
- Quality
- Compliance
- Transparency
- Accountability
- Data Integrity
- Continuous Improvement
- Stakeholder Responsibility

Our Clients

Trusted by Industry leader across Energy and Infrastructure

Public Sector & Government Institutions



Long Term Partnerships Built on **Performance, Reliability and Trust**

Our Group Presence

A structured group with regional Strength and global outlook

Elan Greentech Energies Ltd. Parent & Holding Company

Elan Greentech Energies Ltd. Operates through Strategically aligned group entities and offices, enabling strong governance, regional execution and international engagement.



Corporate Headquarters (India)

Elan Greentech Energies Ltd. (Gurugram, Haryana)
14, Cedar Drive, Mailbu Town, Sector 47, Gurugram-122001
(Corporate Leadership, strategy & Operations)

International Office (UK)

Elan Greentech (UK) Ltd.
The shipping Building,
The Old Vinyl Factory, Blyth Road, Hayes, London-UB3 1HA

Social Impact Arm

Elan Green Foundation
B-12, 4th Floor, South City-2, Sector-49 Gurugram-122018
(CSR & Community development initiatives)

Punjab Office (Project execution & regional operations)

SAPL EGEL JV Pvt. Ltd.
Bhatoli Village, Tehsil shri Anandpur Sahib, Rupnagar-140118

Each Group entity operates with defined accountability, aligned governance standards and centralized oversight

Empowering a sustainable world

– from concept to commissioning



ELAN ENERGY

ELAN GREENTECH ENERGIES LIMITED

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