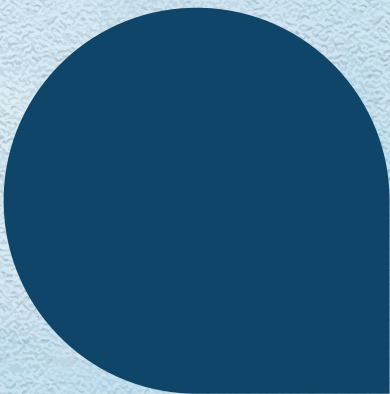


FROM RESOURCE TO ENERGY.

FROM ENERGY TO IMPACT.

We power industries, the
sustainable way.



Bio Pellets



Bio Briquettes

Clean Energy. Industrial Scale.
Reliable Performance.



**GLOBAL
GREEN BELL**
ENERGIES PVT. LTD.

BIO PELLETS

Industrial-grade biomass fuel for coal substitution

Bio Pellets are high-density compressed biomass fuels manufactured from agricultural residues and renewable feedstock, engineered for consistent combustion and operational compatibility.

Key Advantages:

- Lower carbon emissions compared to coal
- Uniform size and controlled moisture content
- High combustion efficiency
- Compatible with existing boiler systems
- Suitable for commercial and small-scale heating applications
- Provides significant fuel cost savings compared to coal and furnace oil

Applications:

- Large manufacturing facilities
- Industrial boilers
- Commercial restaurants and large kitchens using pellet stoves
- Small furnaces and controlled pellet burner systems

Bio Pellet – Technical Specifications

Parameter	Value
Pellet Diameter	6 mm / 8 mm / 10 mm
Pellet Length	10 mm – 30 mm
Moisture Content	8% – 10%
Gross Calorific Value (GCV)	3,800 – 4,200 kcal/kg
Ash Content	< 5%
Bulk Density	600 – 700 kg/m ³



BIO BRIQUETTES

High-density renewable fuel for stable heat output

Bio Briquettes are compact biomass blocks designed for consistent calorific performance, easy storage, and efficient handling.

Key Advantages:

- Cost-effective alternative to fossil fuels
- Helps manage fuel availability and rising fuel costs
- Reliable supply for continuous operations
- Suitable for controlled combustion systems and briquette burners
- Lower emissions compared to coal and traditional solid fuels

Applications:

- Manufacturing units
- Food processing industries
- Industrial furnaces
- Small industrial furnaces and heating applications

Bio Briquettes – Technical Specifications

Parameter	Value
Briquette Diameter	60 mm / 70 mm / 90 mm
Shape	Cylindrical
Moisture Content	8% - 14%
Gross Calorific Value (GCV)	3,500 - 4,000 kcal/kg
Ash Content	< 5%
Bulk Density	900 - 1,200 kg/m ³



COMMERCIAL & SMALL-SCALE ENERGY SOLUTIONS

For Restaurants, Commercial Kitchens & Small Furnaces

Global Green Bell produces Bio Pellets and Bio Briquettes that can be directly used in commercial establishments such as large restaurants, commercial kitchens, small furnaces, hostels, and food processing units through specially designed pellet and briquette stoves and controlled burner systems.

These systems deliver consistent flame, controlled heat output, and efficient fuel consumption, ideal for continuous cooking, boiling, steam generation, and heating.

Key Advantages:

- Reliable solution addressing fuel scarcity in commercial establishments
- Significant fuel cost savings compared to coal, firewood, and furnace oil
- Very low carbon emissions and cleaner combustion
- Controlled combustion using pellet and briquette stoves/burners
- Consistent heat output for commercial cooking and heating
- Clean and convenient handling, storage, and transportation.
- Suitable for restaurants, canteens, hostels, and small industrial units

This solution helps commercial establishments shift towards cost-effective, reliable, and environmentally responsible fuel for daily energy needs.

Bio Pellets and Bio Briquettes can be efficiently used through pellet and briquette stove systems designed for commercial kitchens, restaurants, and small heating applications. These systems ensure controlled combustion, consistent flame, and efficient heat output, providing a reliable, low-emission, and cost-effective alternative to conventional fuels such as coal, furnace oil, and firewood.

-Bio Pellets and Bio Briquettes



BIO CHAR

Carbon-rich solution for industrial and environmental use

Bio Char is produced through controlled pyrolysis of biomass, yielding a high-carbon material for diverse industrial and environmental applications

Key Benefits:

- High fixed carbon content
- Supports carbon sequestration
- Improves soil health (agricultural applications)
- Industrial use in steel and ferro alloys
- Enables circular economy models



ACTIVATED CARBON

High-performance adsorption material

Activated Carbon, derived from biomass-based carbon processing, is engineered to meet industrial-grade adsorption and filtration requirements.



Applications:

- Water purification systems
- Wastewater treatment facilities
- Industrial filtration units
- Air purification systems

MSW & WASTE TO ENERGY (WTE) SOLUTIONS

Structured Municipal Solid Waste processing and energy recovery

Global Green Bell develops integrated waste-to-energy solutions that convert municipal solid waste into usable energy, supporting environmental compliance and urban infrastructure needs.

Focus Areas:

- Scientific waste processing
- Energy recovery from waste streams
- Reduction of landfill dependency
- Support for municipal compliance frameworks
- Refuse Derived Fuel (RDF) production

Ideal For:

- Urban local bodies
- Municipal corporations
- Waste management authorities
- Public-private partnership (PPP) projects



LEADERSHIP

Global Green Bell is led by a team of experienced promoters with deep expertise across infrastructure, energy, and large-scale project execution.



A promoter With over 25 years of experience in infrastructure and industrial projects, he leads Global Green Bell's strategic direction, growth planning, and long-term vision, positioning the company as a scalable industrial bio-energy platform

Venkateswara Rao Somavarapu

Managing Director | svrao@ggbel.com



Leads operations, project execution, and business development across Global Green Bell's bio-energy projects, focusing on building reliable production systems, strong industrial partnerships, and long-term fuel supply relationships.

Venkata Sairam Kota

Director & CEO | vskota@ggbel.com



Responsible for business development, strategic partnerships, and market expansion, he works on industry relationships, new opportunities, and institutional engagement to support the company's long-term growth.

KVS Krishna Chaitanya

Director | kc@ggbel.com



Oversees operations coordination, administration, and project support functions, ensuring smooth execution across plant operations, logistics, and internal systems supporting scalable industrial operations.

Ranganath Somavarapu

Director | ranganath.somavarapu@gmail.com

WHY CHOOSE GLOBAL GREEN BELL

- Secured agricultural feedstock supply chain
- Policy-aligned renewable energy solutions
- Industrial-grade product consistency
- Infrastructure-backed production capacity
- Multi-product energy portfolio
- Strong promoter credibility with proven execution capability.

Corporate Information

Factory Location:

- Plot no: 395, APIIC Industrial growth center, Gundlapalli(v), maddipadu (M), Prakasam dist, Andhra Pradesh - 523211

Registered Office

- Block C706, Lansum Eden Gardens Kondapur - 500084

Corporate Office

- Flat No.106, 1st Floor Kadiris Apurupa Urban Axis Bank Building Botanical Garden Road Kondapur, Hyderabad - 500084

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