



# Bio Energy

*Eco Friendly Fuel*



GOGREEN BIOENERGY INDIA PRIVATE LIMITED



# GREEN FUEL FOR A GREENER TOMORROW

**India is currently the world's 4th largest emitter of greenhouse gases, and its transport sector accounts for 13% of the country's energy-related CO<sub>2</sub> emissions (MoEF, 2010). However, India's growing transport sector can become more sustainable and climate compatible by aligning development and climate change agendas. As total Diesel demand for year 2016 is 155.7 billion Litres and will be increase in 6-8% year after year till 2023.**

**On an average calculation of 5% blend with the diesel will peg the requirement at 7.785 billion Litres of bio diesel. However the total production still under 150 million Litres of Bio Diesel annually hence there is huge demand supply gap exists.**



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# REVOLUTIONIZING ENERGY IN INDIA

**Among the portfolio of renewable energy alternatives that are available, biofuels, especially ethanol and biodiesel have emerged as a preferred option, especially for the transport sector in India.**

**The objective is to reduce dependence on imported crude oil in order to enhance the countries energy transport sector's share of the country's total primary energy consumption will increase from 8.1 percent in 2010 to 11.3 percent in 2030.**



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# GREEN FUEL FOR GREEN CURRENCY

## Benefits of GOGREEN Fuel



**Pricing:**  
2 < than the HSD Market Price



**Optimum Power:**  
Better Performance



**Mileage Sustained**  
Better Cetane Number



Fuel Standards for B100 as  
ASPM D6751 American standard  
and EN14214 Euro Standards.



**Less Maintenance:**  
Longer Life to Engine



**20% Extra Engine Oil Life**



**Engine Life Increases**



**Reduced Engine Sound**

GOGREEN Bio Fuel is the best alternative and renewable fuel for the Green Environment and for clean economy.

**Have a Green Drive for Green Environment.  
Be Part for an ECO Friendly Vision.**

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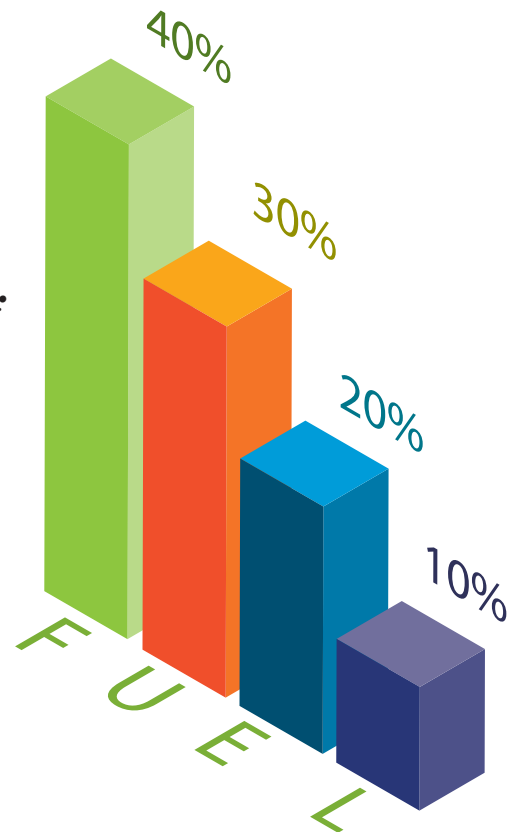
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# GOGREEN A REVOLUTION IN RETAIL OUTLETS

**Business to Customer for first of its type in India to benefit the retailers for best ROI for the retailer. The COCO model is the best proposal for the retailers for higher profits and Quality service.**

**The best investment affordable for the entrepreneurs. The complete setup for retail outlet in the stipulated time for quicker operations for faster returns...**



## **Benefits of GOGREEN Fuel**



**Affordable Business  
with early ROI**



**Pricing Edge:  
Lesser Than HSD**



**Quick Setup:  
Simpler set up for  
ready to Operate**



**Better Control:  
Digitalised Operations**



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# HAVE YOUR BUSINESS SPACE



## **RETAIL OUTLET MODELS**

- \* **GOGREEN Provides opportunity for the next generation Entrepreneurs.**
- \* **The budding Entrepreneurs can take this opportunity to have their business space in there locality.**
- \* **A simple Business model to start with and earn maximum profits.**

## **BUSINESS MODELS**

- \* **The Entrepreneur can be the owner of the land and retailer for GOGREEN.**
- \* **The Entrepreneur can have a joint venture with the land lord and retailer with GOGREEN.**
- \* **The Outlet can be offered for Govt Organisations, NGOs, and Private Transporters.**



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# PROFIT MULTIPLE

**GoGreen provides its retailers opportunities for all its innovative solutions coming in future for its B2C Model to enhance the profits for its retailers. GoGreen Ensures its customers to have all the Transactions digital and controlled by its state of Art Software Technology.**

## **We have structured businesses for 6 Profits:**

- \* Contribution for Clean Environment**
- \* Business with Vision**
- \* Early ROI**
- \* Contribution for Countries Economy**
- \* Life to the Vehicles**
- \* Preserve Green**

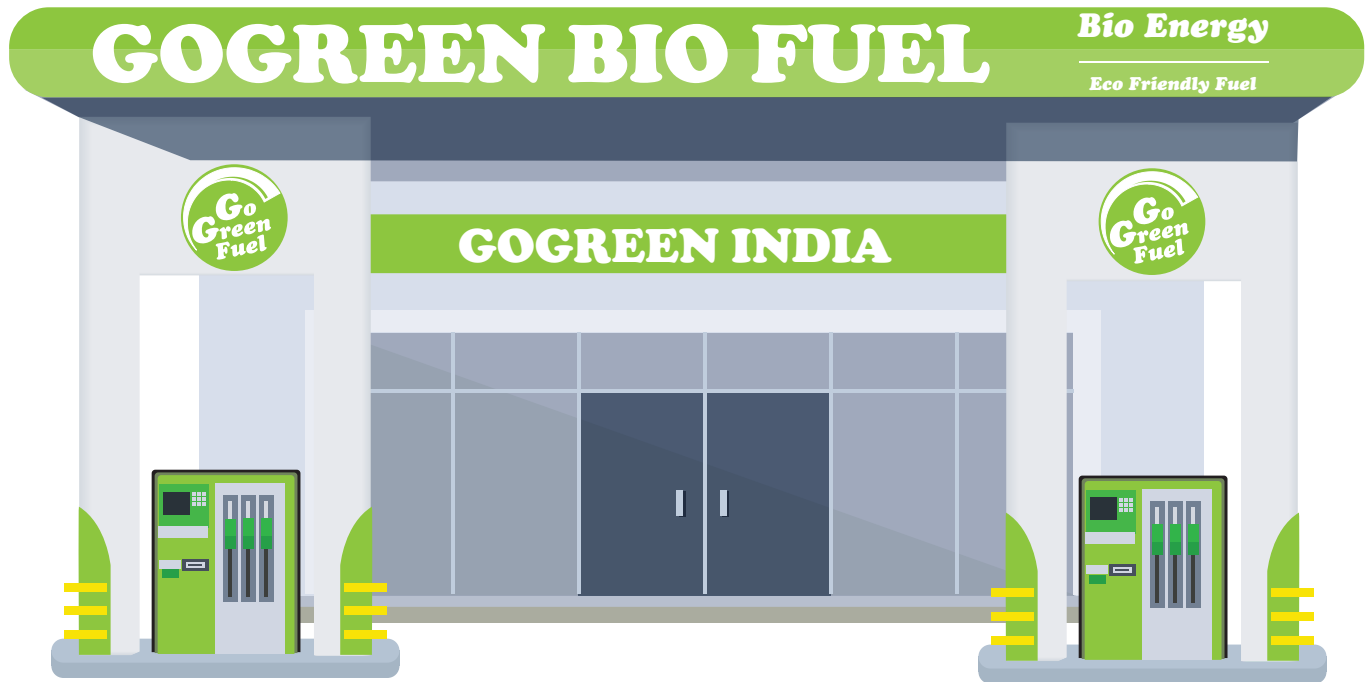




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# Model Outlet



# PROUD OWNER WITH GOGREEN

## Retail Models for Better Service to Customers

Model	Preferred Location	Categories	Vehicle Type	Services
Min. Plot Size: 45 mts x 45 mts	<ul style="list-style-type: none"><li>* Entry and exit points of the city, Town.</li><li>* Bus &amp; Truck Terminals.</li><li>* Prime City Locations.</li></ul>	<ul style="list-style-type: none"><li>* National Highways</li><li>* State Highways</li><li>* Metro Cities &amp; Towns.</li><li>* Rural</li></ul>	<ul style="list-style-type: none"><li>* Cars</li><li>* Multi Utility Vehicles</li><li>* SUVs</li><li>* LCVs &amp; HCVs</li><li>* Mini-buses</li><li>* Buses &amp; Trucks</li><li>* Earth Movers</li><li>* Tractor &amp; Tillers</li></ul>	<ul style="list-style-type: none"><li>* Bio Fuel</li><li>* Bio Fuel Awareness Center</li><li>* Electrical Charging Points</li><li>* Snack Bar</li><li>* Drinking Water</li><li>* Rest Rooms</li></ul>

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# GOGREEN BENEFITS

## Infrastructure provided by GGBE:

**Storage Tank (above ground)****Fuel Dispenser****Stock (on Demand supply)****Canopy Set-up****Automation****Display****Office**

## ₹ Commercial Benefits

**\* Cost Effective - GOGREEN offers an effective budgetary infrastructure for quick operations.**

**\* Early ROI - Commercially viable model for faster return of investment.**

## Key Features

**\* Transaction - All transaction carried digitally in the collaboration with multiple banks for ease of payment.**

**\* Quick Installation - Pre Engineering build is a popular technology for a quick turn around time for operations.**

**\* Better Control - The entire process of sales accounting, indenting for all digitalised state of art software technology.**

## ROI-For Outlet

Particulars	Amount (Rs)
<b>Total Investment Made by the Owners</b>	<b>3000000.00</b>
<b>From Sale of B-35 5000 litres per Day</b>	<b>7500.00</b>
<b>No of Days Operated in a Year</b>	<b>360.00</b>
<b>Total Income for One Year</b>	<b>2700000.00</b>
<b>Total Fixed Cost</b>	<b>1500000.00</b>
<b>Profit</b>	<b>1200000.00</b>
<b>Break Even ( in Litres)</b>	<b>1000000.00</b>
<b>Break Even (No of Days)</b>	<b>200.00</b>
<b>Return on Investment</b>	<b>0.4</b>
<b>Payback Period (In Months)</b>	<b>30</b>

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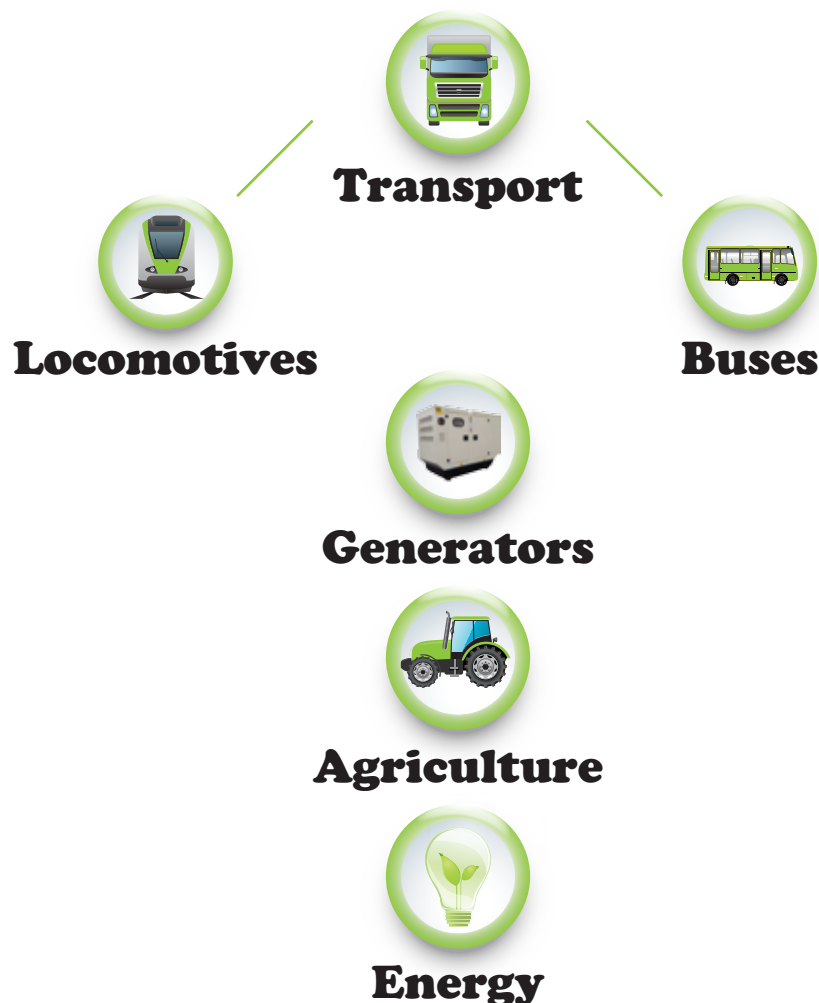
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# YOUR ENGINE A SILENT PERFORMER

**GOGREEN Bio Diesel provides a wide range of blends  
B5 to B30 for Automobiles which run with Diesel.  
This Bio Diesel can be used without any modifications  
in the Engine.**

## **Bio Diesel Applications in various Domains.**



# FAQs



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## 1. What is biodiesel?

**Biodiesel is the name of a clean burning alternative fuel produced from domestic, renewable resources. Biodiesel is simple to use, biodegradable, nontoxic, and essentially free of sulfur and aromatics.**

**Biodiesel contains no petroleum, but it can be blended at any level with petroleum diesel to create a biodiesel blend.**

## 2. What is the difference between biodiesel and ethanol?

**Biodiesel is essentially diesel fuel, used for truck, bus and other equipment in diesel designed engines. Ethanol is used as an additive with gasoline up to 10% or used as E85 which is 85% ethanol and designed for use in ethanol or flex-fuel approved gasoline engines.**

## 3. What does the number mean after the B ? Example: B2, B20?

**The biodiesel numbers stands for the % of blend – a blend of ULSD (ultra-low sulfur diesel) and biodiesel. A B2 blend is 2% biodiesel and 98% petro diesel (ULSD). A B20 blend is 20% biodiesel and 80% petro diesel (ULSD)**

## 4. What is the most popular type of biodiesel?

**At this time, it is B5 (5% biodiesel) as this blend is most commonly mandated for use by states for municipalities, including government vehicles. Many fleets have already stepped up use and are using B20 (20% biodiesel)**

## 5. Do I need special storage facilities?

**In general, the standard storage and handling procedures used for petroleum diesel can be used for biodiesel. The fuel should be stored in a clean, dry, dark environment. Acceptable storage tank materials include aluminum, steel, fluorinated polyethylene, fluorinated polypropylene and teflon. Copper, brass, lead, tin, and zinc should be avoided.**

## 6. Is biodiesel used as a pure fuel or is it blended with petroleum diesel?

**Biodiesel can be used as a pure fuel or blended with petroleum in any percentage. B20 (a blend of 20 percent biodiesel with 80 percent petroleum diesel) has demonstrated significant environmental benefits with a minimum increase in cost for fleet operations and other consumers.**

## 7. Is biodiesel better for human health than petroleum diesel?

**Scientific research confirms that biodiesel exhaust has a less harmful impact on human health than petroleum diesel fuel. Pure biodiesel emissions have decreased levels of polycyclic aromatic hydrocarbons (PAH) and nitrated PAH compounds that have been identified as potential cancer causing compounds.**

**Also, particulate matter, an emission linked to asthma and other diseases, is reduced by about 47 percent, and carbon monoxide, a poisonous gas, is reduced by about 48 percent.**

## 8. Can I use biodiesel in my existing diesel engine?

**Biodiesel blends of up to 20 percent work in any diesel engine with no modifications to the engine or the fuel system. It can be used in compression ignition (diesel) engines with no major modifications. Biodiesel has a cleansing effect that may release deposits accumulated on tank walls and pipes from previous diesel fuel usage.**

[www.gogreenbioenergy.com](http://www.gogreenbioenergy.com)

The logo features the words "Go Green Fuel" in a white, rounded, sans-serif font. The text is arranged with "Go" on the top line, "Green" on the middle line, and "Fuel" on the bottom line. The text is centered within a large green circle. A white, curved, brush-stroke-like line arches over the top of the text, starting from the left edge of the circle and ending on the right side, partially overlapping the top of the word "Go".

**Go  
Green  
Fuel**

**GOGREEN BIOENERGY INDIA PRIVATE LIMITED**

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