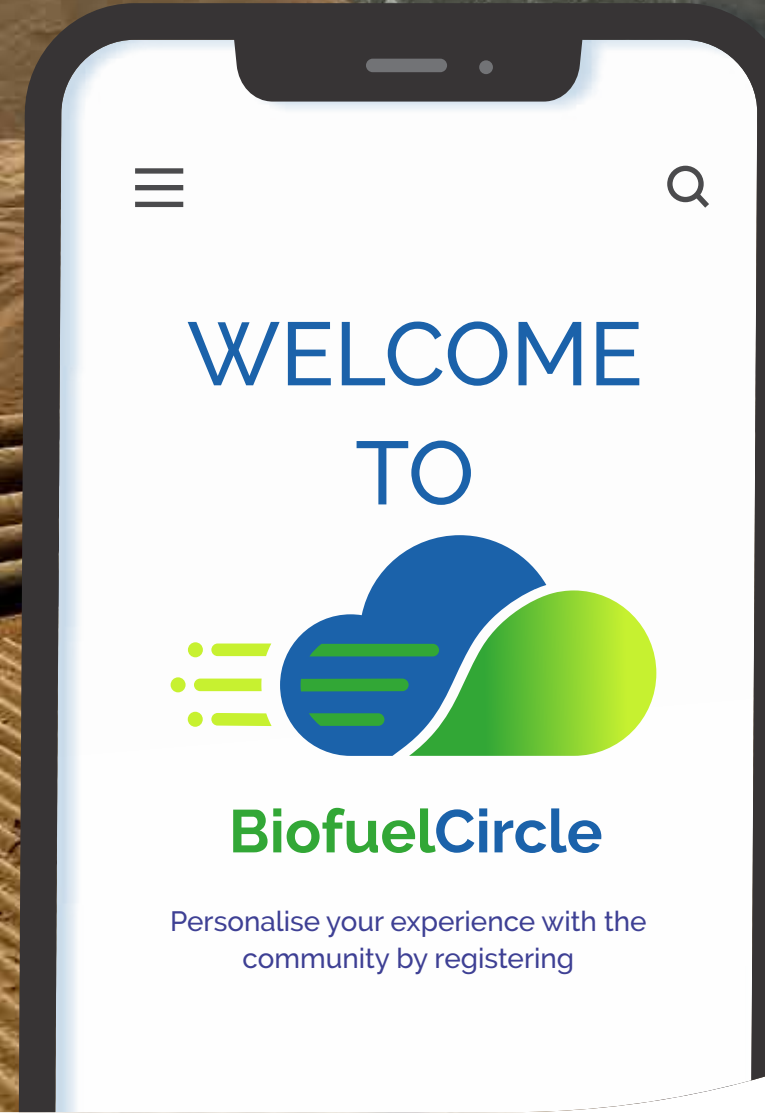
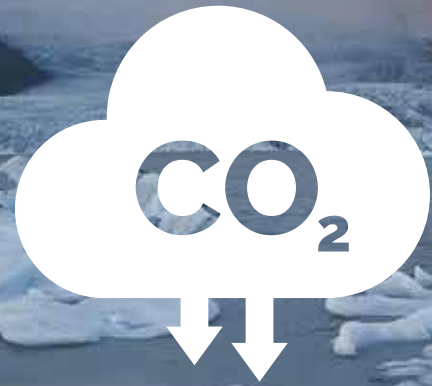


Redefining the Bioenergy Supply Chain

Boiler Owners | Bioenergy Companies & Industry





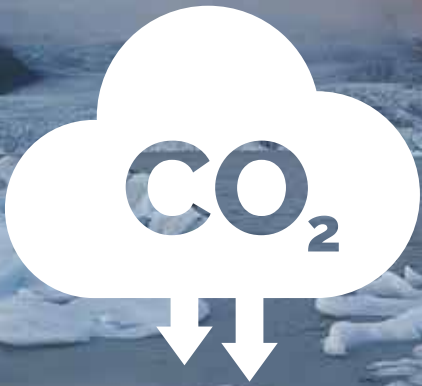
Bioenergy Sector in India: An Overview

The immense potential of the Biofuel and Bioenergy sector in India is waiting to be harnessed.

The Bioenergy Industry has a strong capacity to:

- Create a **carbon-neutral substitute** for fossil fuels
- **Negate the impact of climate change**
- Create **rural and urban employment**
- Encourage **carbon-neutral operations**
- Bring about **social change** across India

However, the bioenergy supply chain is **relatively unorganized and inefficient** in a large country like India due to multiple factors.



BiofuelCircle's Purpose:



Aims to create a **dependable supply chain** for bioenergy



Addresses all the **challenges** related to the bioenergy supply chain at different stakeholder stages



Simplifies the green energy approach for all through a **cloud-based marketplace**



Enables rural and industrial participants of the bioenergy supply chain to **discover suppliers, customers, buy, sell, transport, and complete all the transactions**



Creates avenues for dynamic market-based participation that will **enhance scalability** for the Bioenergy Industry

Key Challenges faced by Boiler Owners | Bioenergy Companies & Industry



Unreliable Biofuel Supply

- Seasonal availability of biomass
- No or limited availability of organized storage capacities
- Relatively unorganized bioenergy supply chain leading to the high cost of funding to create organized storage facility
- Inconsistent quality



Key Challenges faced by Boiler Owners | Bioenergy Companies & Industry



High Cost of Logistics

- Farmers' lack of interest in correctly disposing biomass and lack of proper mechanism to handing the biomass over for an economic value
- Scattered and small farmlands far drawn from the industrial area
- Smaller and multiple trips for collections, aggregation, and processing adding to the cost



Key Challenges faced by Boiler Owners | Bioenergy Companies & Industry



Opaque Prices

- Rewards do not offer an incentive for farmer participation; resulting in the burning of agri-waste and wastage
- Opaque and dominated by demand side pricing
- Unequal participant representation leading to driving biomass prices up for end consumers





Key Challenges faced by Boiler Owners | Bioenergy Companies & Industry

Limited Supply Options

- Lack of options to choose type and variety of biofuels
- Lack of mechanism to evaluate supplier performance and quality parameters
- Scattered and diverse biomass and biofuel sources
- High interest rates on funding leading to higher storage costs
- Lack of transparent trade finance options to create organized storage facility



How does BiofuelCircle solve your problems?

Through its unique offerings and services, BiofuelCircle is connecting diverse participants through a digital ecosystem.

BiofuelCircle solves these challenges by:



Offering an organized e-marketplace where buyers and sellers can engage in bilateral transactions with the platform







Providing logistics and easy finance services* to ensure ease of doing business



Bringing a host of value-added services to help remove bottlenecks in the supply chain and create efficiency

*T&C Apply. Finance at the sole discretion of the finance partner.

Value for Bioenergy Companies and Industry

-  **Efficient procurement:**
Easily find suppliers and buyers within your area of operation and ensure reliable supply thus offering ease of procurement
-  **Decision support:**
Discover prices and evaluate provider performance
-  **Reliable logistics:**
Get reliable access to biomass, storage, and most competitive transportation options
-  **Dependable green energy source:**
Reduce your dependency on fossil fuels and move towards sustainability



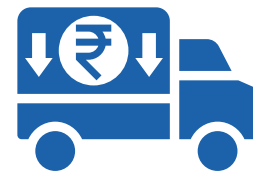
Benefits of a Cloud-based Bioenergy Platform



With BiofuelCircle, you can achieve:



Reduction in physical
inventory holding
cost in excess of
50%



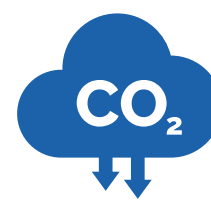
Inbound Logistics
cost reduction
20%



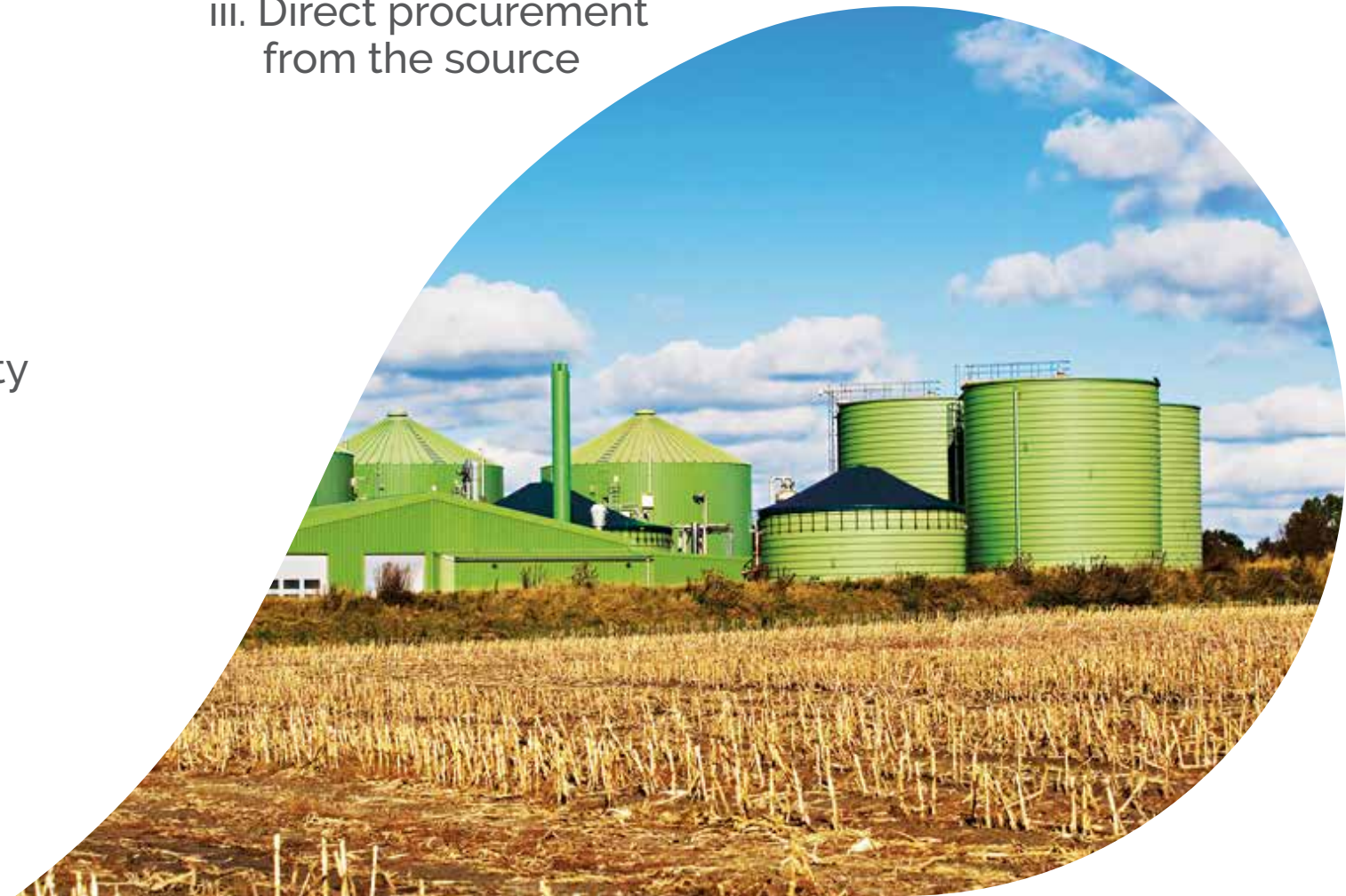
Lower Fuel Cost by **10%** due to
i. Structured deals
ii. Competitive landscape
iii. Direct procurement from the source



Your long-term
strategic sourcing
goals



Your sustainability
goals of
carbon reduction





BiofuelCircle is driving disruption through digitalization and helping create a circular economy, that aims at -

1. Creating rural employment & entrepreneurship opportunities
2. Providing avenues to farmers to increase their income
3. Helping companies achieve their sustainability goals

We firmly believe that the full benefits of this platform can be reaped only when all the stakeholders join us and our mission of transcending the green energy space. We invite you to build your profile on my.biofuelcircle.com.





Value Drivers



Bioenergy
Advisory



New Business
Opportunity



Lower
Transport Cost



Supply Chain
Financing



Greater Reach
for Green Energy



Price Discovery
Digital Payments



Ease of Logistics
Storage Efficiency

BiofuelCircle is committed to



Local
Jobs



Rural
Economy



Scale for
Green Energy



Energy
Security