



PAGODA

CRAFTING A CLEANER FUTURE

www.biogreenprojects.com >



Incubated by IIT Kharagpur, IIT Mandi and
KIIT TBI Bhubaneswar





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About Us

At BioGreenProjects, we are dedicated to crafting a greener future through our innovative range of compostable **bioplastic** packaging solutions. Incorporated in Kolkata, West Bengal, in 2021, we operate two state-of-the-art manufacturing facilities. Our technical expertise and commitment to eco-friendly solutions help our esteemed clients achieve EPR and ESG compliance.

From manufacturing and innovation to customized printing and last-mile packaging distribution, **BioGreenProjects is the preferred partner for a sustainable future.**





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BIOGREEN
Biogreen Projects Pvt. Ltd

**WE DO NOT INHERIT THE EARTH FROM OUR ANCESTORS,
WE BORROW IT FROM OUR CHILDREN**



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Our Solution: Compostable Bio-Plastics

BioGreen Projects specializes in compostable bio-plastics. Made from natural resources like corn starch and seeds, our bio-plastics are 100% compostable.

Our compostable bio-plastic bags decompose naturally, significantly reducing environmental impact compared to traditional plastics.



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Biogreen Projects Pvt Ltd

BioGreen Plastic

75+

micron compostable
bio-plastics



Traditional Plastic

120

microns



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Key Features and Benefits



Eco-Friendly:

Completely compostable, our bio-plastics help reduce landfill waste.



Cost-Effective:

Competitive pricing ensures that switching to sustainable options doesn't mean higher costs.



Sustainability:

Our products are made from plant-based materials, significantly lowering environmental impact



Compliance:

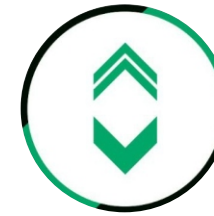
Our products support achieving Environmental, Social, and Governance (ESG) and Extended Producer Responsibility (EPR) compliance.



Customization:

We offer tailored solutions, including customized printing and packaging to meet specific client needs.

Innovation through Products



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Our compostable bio-plastics are the result of continuous research and development. We use cutting-edge technology to ensure our products are durable, practical, and environmentally friendly.

BioGreen Projects' compostable bio-plastics can be used across various industries, including:



RETAIL

Shopping bags, packaging



FOOD & BEVERAGE

Compostable cutlery, containers, carry bags & straws



HEALTHCARE

Disposable bags, protective covers, garbage & biohazards



TEXTILES

Sustainable fabric alternative, Laundry/ BOT/Shopping Bags



PAINTS & ADHESIVES

Eco-friendly solutions for industrial and household use



GENERAL USE

Everyday items that contribute to a greener lifestyle



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Canada: Banned harmful single-use plastics in 2022. This has already led to a 15% decrease in coastal plastic pollution.

United Kingdom: Banned single-use plastics in 2020, cutting down plastic waste by 15% and reducing plastic pollution in rivers by 10% within two years.

United States: Certain states and cities have implemented bans, contributing to a national reduction in single-use plastic consumption by 18% since 2021.

Japan: Introduced stringent regulations on plastic waste, achieving a 20% reduction in plastic waste and a 12% decrease in marine plastic pollution since 2020.

Australia: Phased out single-use plastics, resulting in a 30% reduction in plastic waste entering landfills by 2023.

New Zealand: Enforced a ban on plastic bags in 2019, reducing plastic waste by 80% in the retail sector and leading to a 10% drop in overall plastic pollution.

Nations which have enforced strict single-use plastic bans!



How Single-Use Plastics Contribute to the Problem



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NON - RENEWABLE RESOURCES

Made from fossil fuels, depleting non-renewable resources.



TOXIC LEACHATE

Leak harmful chemicals into soil and water.



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WATER CONTAMINATION

Pollute rivers, lakes, and oceans.



PERSISTENT POLLUTION

Do not break down naturally, lasting hundreds of years.



WIDESPREAD LITTER

Increase plastic pollution, affecting communities and ecosystems.



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WILDLIFE HAZARD

Harm stray animals and wildlife through ingestion and entanglement.



Role of Microns in BioGreen Products

Traditional plastics can take up to 1,200 years to decompose and are often non-recyclable, especially those with less than 120 microns in thickness. This is a significant environmental concern, as they continue to pollute the planet for centuries.

In contrast, BioGreen Plastics are designed with a focus on sustainability. Our products, which meet the Government of India's mandated micron sizes, are not only fully compliant but also decompose within a year. These compostable bioplastics can break down in backyard settings, eliminating the need for industrial composting facilities and making disposal both easier and more eco-friendly.

By choosing BioGreen Plastics, you're supporting a product that aligns with modern environmental standards and contributes to a greener future.



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Why Choose BioGreen?

Because every choice matters. When you choose BioGreen, **you're not just selecting a product—you're making a commitment to a healthier planet**, a sustainable future, and a better tomorrow for generations to come.



SUSTAINABLE PRODUCTS

Our products provide environmental, social, and economic benefits while protecting public health and the environment over their entire lifecycle, from raw material extraction to final disposal.



ECO-FRIENDLY CHOICES

The choices we make in our daily lives can significantly impact the planet. Using BioGreen products is a positive step towards minimizing that impact.



HIGH-QUALITY BIOPOLYMERS

Biopolymers are long-chain compounds made from natural sources like starch and cellulose. These are biodegradable, eco-friendly, and ideal for various packaging needs.

Client Testimonials



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Kolkata's Biryani QSR

Just recieved these carry bags,
economical, eco-friendly and
looks stunning



Roll Mama

Quality of the packets are
excellent! Thankyou!



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MAKE THE **SWITCH TO**
BIODEGRADABLE CARRY BAGS
NOW before it's too late!



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Sustainable Manufacturing

BioGreen is a leader in eco-friendly production, utilizing renewable resources like corn starch and natural compounds to create fully compostable and recyclable bioplastics such as PLA Type 1 and Poly Tetraphthalic Type 2.



100-Ton Monthly Capacity: Ensures a steady supply to meet diverse industry demands.



First in India: Six-color printing machines and an innovative Garbage & Roll-On Machine for advanced waste management.



Industry-Endorsed: Recognized by the CPCB as the optimal alternative to traditional plastics.

Our bioplastics serve a wide range of applications, from carry bags to disposable cutlery, playing a crucial role in the global fight against plastic pollution. By choosing BioGreen, you contribute to a sustainable future.

Our Esteemed Clients



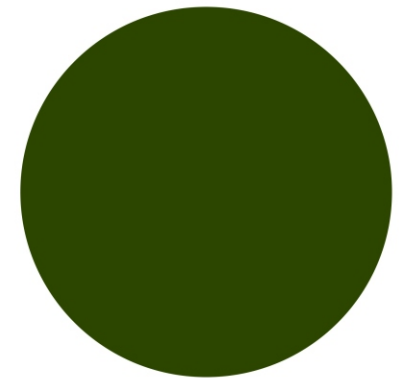
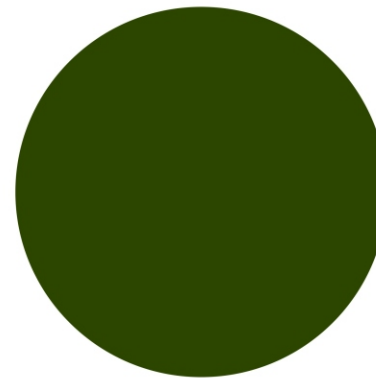
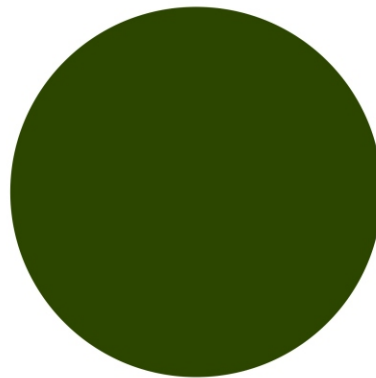
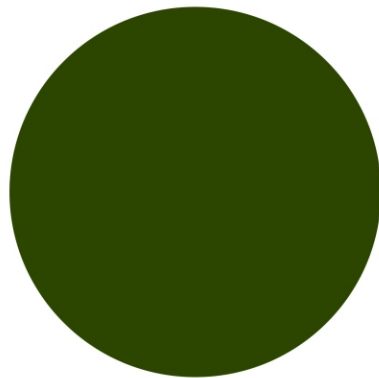
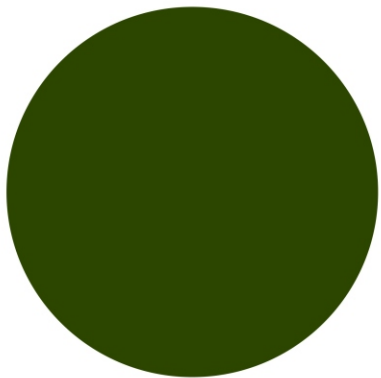
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Our Team



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Let's Discuss How We Can Drive a Change Towards a Greener World Together

INTERNATIONAL CHANNEL PARTNER **PAGODA GROUP**

- 📍 **REGISTERED OFFICE :**
"One Rajerjht" Building, Tower, C2 Suit,
3F Newtown, Kolkata-156 (W.B.) India.
- ☎ **HOD. International Relations +91 9831829482**
Export Officer : +91 9875492114
HOD Incharge : + 91 9830022887
- ✉ **global@pagodagroup.biz**
ss@pagodagroup.biz
- 🌐 **www.pagodagroup.biz**

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