

# Uttar Pradesh: India's Green Revolution in Bioplastics



## Introduction

As environmental concerns grow and the world urgently shifts towards sustainable alternatives to petroleum-based plastics, 'Uttar Pradesh' is boldly stepping up as a national leader in **bioplastics manufacturing** (<https://invest.up.gov.in/bioplastic-industry-policy-2024-in-uttar-pradesh/>). The state is positioning itself at the forefront of India's green revolution through the development of a robust, eco-conscious bioplastics sector.

Backed by its newly launched Bioplastics Industry Policy 2024, abundant agro-residue feedstock and a comprehensive investment ecosystem, Uttar Pradesh is laying the foundation for a future centred on sustainable industrialization.

Strategic initiatives 'such as the establishment of **India's first biopolymer plant** and the rollout of a comprehensive state bioplastics policy' are setting new benchmarks in green manufacturing. With its vast agricultural potential and a focused, future-ready development approach, Uttar Pradesh is not just embracing sustainability—it's becoming a model for it.

**Why Bioplastics?** (<https://invest.up.gov.in/bioplastic-industry-policy-2024-in-uttar-pradesh/>)

## Why Uttar Pradesh?

Uttar Pradesh is one of India's top producers of sugarcane, wheat and maize, making it a natural hub for biomass-based industries. With over 28.5 lakh hectares under sugarcane cultivation and 118

operational sugar mills, the state generates significant agro-residue, especially bagasse, an ideal feedstock for the production of PLA (Polylactic Acid) and other bio-based polymers.

Recognizing this opportunity, the Government of Uttar Pradesh is establishing a dedicated Bioplastic Park in Kumbhi village, Gola Gokarannath tehsil, Lakhimpur Kheri district, under the leadership of UPSIDA (Uttar Pradesh State Industrial Development Authority) as the nodal agency. This initiative marks a major milestone in building a comprehensive value chain for bioplastics—from raw material processing to final product manufacturing.

## Anchor-Led Cluster Development Model

At the core of this initiative is the idea of “Anchor Companies” —firms investing ₹1000 crore or more in PLA bioplastic production units. These companies will lead the development of the park, around which small and medium enterprises (SMEs) will thrive, creating a self-sustained bioplastic ecosystem within the state.

The goal is to transform the park into a hub of innovation, R&D and scalable manufacturing (all rooted in sustainable, biomass-based feedstock utilization).

## Exclusive Incentives under **Bioplastics Policy 2024**

(<https://invest.up.gov.in/bioplastic-industry-policy-2024-in-uttar-pradesh/>)

The 'Bioplastics Industry Policy 2024' offers a compelling incentive structure aimed at attracting large-scale investments into Uttar Pradesh's emerging bioplastics sector.

### For Anchor Units

- **Capital Subsidy:** 50% over 7 years
- **Interest Subsidy:** 5% for 7 years
- **SGST Reimbursement:** 100% for 10 years
- **Electricity Duty:** 100% exemption for 10 years
- **Stamp Duty Exemption:**
  - 100% in Bundelkhand & Purvanchal
  - 75% in Madhyanchal & Pashchimanchal (excluding Gautam Buddha Nagar & Ghaziabad)
  - 50% in Gautam Buddha Nagar & Ghaziabad
- **Capped Incentives:** Up to 200% of eligible capital investment over 10 years

### For Non-Anchor Units

Eligible for benefits under the Uttar Pradesh Industrial Investment and Employment Promotion Policy 2022, including capital subsidies, tax exemptions, and infrastructure support.

## Towards a \$1 Trillion Economy

With a strong industrial foundation, a progressive policy environment and a vision for green growth, Uttar Pradesh is not only addressing environmental challenges but also propelling itself towards a '**\$1 trillion economy**'. The state's bioplastic sector is a testament to how sustainability and economic development can go hand in hand.

*For investors and innovators, the message is clear, 'Uttar Pradesh is the future of bioplastics in India'.*

## Making Investment Seamless: Invest UP

To streamline project implementation and facilitate investment, Invest UP has been appointed as the 'nodal agency' for processing proposals under the Bioplastics Policy 2024. Investors will receive **end-to-end support**—from approvals and compliance to coordination with industrial departments.

## Vision for a Sustainable Future

Through this initiative, Uttar Pradesh aims to:

- Promote clean manufacturing
- Generate large-scale employment across rural and urban areas
- Encourage R&D and local innovation
- Position the state as a national and global leader in sustainable industry practices

With the groundwork now laid, the Bioplastic Policy 2024 is not just an industrial scheme—it is a **bold step toward a greener, cleaner, and more prosperous Uttar Pradesh.**

## Conclusion

Uttar Pradesh's proactive approach in fostering the bioplastics industry demonstrates its commitment to sustainable development and environmental conservation. By integrating agricultural resources with cutting-edge technology and supportive policies, the state is setting a precedent for other regions to follow in the pursuit of a greener and more sustainable future.

***Bioplastics in Uttar Pradesh: Where Green Innovation Meets Industrial Power- Fuelling India's Sustainable Future with Smart Policy, Natural Abundance, and Visionary Investment.***

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