

Encode Life Sponsors BioConverge 2025, Showcases India's First Cost-Competitive Corn-Based Bioplastic Initiative

At International BioE3 Conference on Bridging Biology, Engineering and Sustainability for Global Impact, Encode Life presented its mission to make PLA bioplastics cheaper than conventional plastics and shared insights on India's BioE3 policy.



New Delhi, Delhi Oct 10, 2025 ([IssueWire.com](https://www.issuewire.com)) - [Encode Life](#), an emerging startup in sustainable material innovation, proudly sponsored *BioConverge 2025*, an international conference hosted by **Manav Rachna International Institute of Research and Studies**, dedicated to exploring convergence in biotechnology, bioeconomy, and environmental innovation.

At the event, [Encode Life](#) showcased its groundbreaking efforts to bring **corn-based Polylactic Acid (PLA)** to Indian markets. A bio-based, compostable alternative to petroleum-derived plastics. The company's mission to make PLA **cheaper than traditional plastics** marks a significant step towards achieving India's sustainability goals and fostering a circular economy.

Mr. Vardaan Chaudhary, Co-Founder of Encode Life, participated as a **panelist in a high-level discussion** on the *BioE3 Policy*, an initiative led by the **Department of Biotechnology (DBT)** and **BIRAC**, Government of India. During the session, Mr. Chaudhary emphasized the government's proactive stance in enabling the growth of **biopolymer ecosystems** by supporting startups, academia, and established players alike.

He further highlighted how the **BioE3 Policy — focused on Economy, Environment, and Employment** — is designed to position India as a global hub for bio-based materials. Mr. Chaudhary's insights resonated with researchers, policymakers, and industry leaders, reinforcing the collaborative spirit required to accelerate India's transition toward sustainable manufacturing and reduced plastic dependency.

Speaking about Encode Life's participation, Mr. Chaudhary stated, *"Our vision is to create a sustainable India by replacing conventional plastics with cost-effective, compostable alternatives made from renewable sources like corn. Initiatives like BioConverge 2025 are vital in connecting innovators, policymakers, and industry stakeholders to build a greener future together."*

Encode Life's sponsorship and participation at BioConverge 2025 underscore its commitment to sustainability, innovation, and national self-reliance in bioplastic production. The company continues to collaborate with academia and industry partners to enable scalable production and widespread adoption of **PLA-based bioplastics** in India.

About Encode Life:

Encode Life Pvt. Ltd. is an Indian startup dedicated to developing and manufacturing **bio-based and compostable plastics** derived from renewable agricultural feedstocks. With a focus on sustainability, affordability, and innovation, Encode Life aims to replace conventional plastics and drive India's transition toward a circular and bio-based economy.

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