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Kerala unveils BioEconomy Report 2025, sets target of $11-12 B by 2030

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By 2030, Kerala aims to establish district-level biotech clusters and ESG-compliant bioindustrial parks



During Bio Connect 3.0, held on 9 and 10 October in Trivandrum, the Government of Kerala released the State BioEconomy Report 2025, a comprehensive blueprint to position the state as a national leader in sustainable bio-based innovation.

Prepared by the Association of Biotechnology Led Enterprises (ABLE) for Kerala Lifesciences Industries Parks (KLIP), a subsidiary of Kerala State Industrial Development Corporation (KSIDC), the report projects the state's BioEconomy value at $ 7.53 billion (Rs 62,000 crore) and sets a target of $11-12 billion (Rs 1 lakh crore) by 2030.

"Kerala's BioEconomy brings together science, sustainability, and social welfare," said the HChief Minister of Kerala. "By 2030, we aim to make bio-based industries a key pillar of the state's Gross State Domestic Product (GSDP), creating value through innovation, wellness, and ecological stewardship."

BioPharma (44.2%) leads with Ayurveda, nutraceuticals, medical devices, and therapeutics. BioIndustrial (35.2%) follows, driven by biofuels, marine biotechnology, and fermentation-based industries.

According to Kerala Startup Mission (KSUM), Kerala hosts 320 recognised startups in life sciences and allied domains across all 14 districts, led by Ernakulam, Thiruvananthapuram, and Thrissur.

Complementing this, ABLE Research analysis based on Ministry of Corporate Affairs (MCA) data shows 275 new startup incorporations between 2022 and mid-2025, with BioPharma leading 2024 registrations at 47%. Together, these data sets confirm Kerala's emergence as one of India's most geographically inclusive biotechnology ecosystems.

Kerala's healthcare and life sciences sector has attracted over $35.8 million (Rs 301 crore) in investments between 2020 and 2025. Major deals include DentCare Dental Lab ($17.5 million) and Cyrix Healthcare ($16.5 million), with early-stage activity from startups such as Piiko Labs and Previu Health.

The Kerala Medical Technology Consortium (KMTC), established in 2018, now anchors a network of 32 research institutions and 86 licensed MedTech firms, collectively generating Rs 9,000 crore ($1.05 billion) in annual output—around 20% of India's medical device production.

"The BioEconomy aligns with the Kerala Industrial Policy 2023 and the upcoming Biotechnology & Life Sciences Policy," said P. Rajeev, Minister for Law, Industries and Coir, Government of Kerala.