BioSpect
the business of Bi
24 years of leveraging the business of Bio
www.biospectrumindia.co

Government gives nod to BioE3 policy for fostering high performance biomanufacturing

25 August 2024 | News

To invest in the industrialisation of biology to promote sustainable and circular practices



The Union Cabinet, chaired by the Prime Minister Narendra Modi, has approved the proposal 'BioE3 (Biotechnology for Economy, Environment and Employment) Policy for Fostering High Performance Biomanufacturing' of the Department of Biotechnology.

The salient features of BioE3 policy include innovation-driven support to R&D and entrepreneurship across thematic sectors. This will accelerate technology development and commercialization by establishing Biomanufacturing & Bio-AI hubs and Biofoundry.

Along with prioritising regenerative bioeconomy models of green growth, this policy will facilitate expansion of India's skilled workforce and provide a surge in job creation.

Overall, this Policy will further strengthen Government's initiatives such as 'Net Zero' carbon economy & 'Lifestyle for Environment' and will steer India on the path of accelerated 'Green Growth' by promoting 'Circular Bioeconomy'. The BioE3 Policy will foster and advance future that is more sustainable, innovative, and responsive to global challenges and lays down the Bio-vision for Viksit Bharat.

To address the national priorities, the BioE3 Policy would broadly focus on the following strategic/thematic sectors: high value bio-based chemicals, biopolymers & enzymes; smart proteins & functional foods; precision biotherapeutics; climate resilient agriculture; carbon capture & its utilisation; marine and space research.