

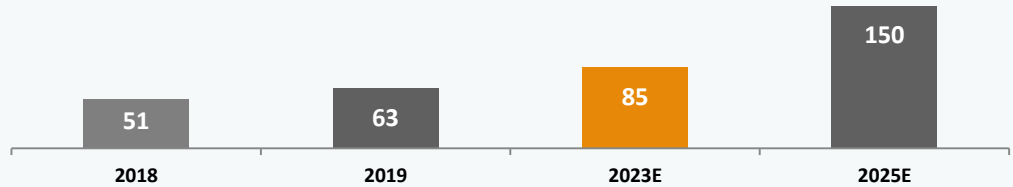


BIOTECHNOLOGY



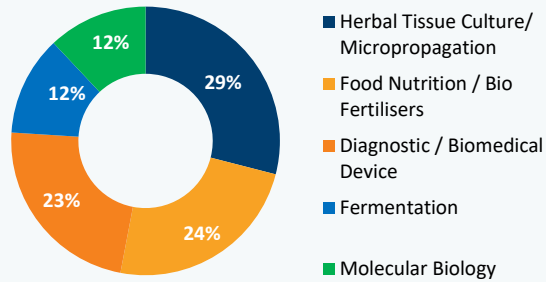
MARKET SIZE

India Biotechnology industry valuation (US\$ million)



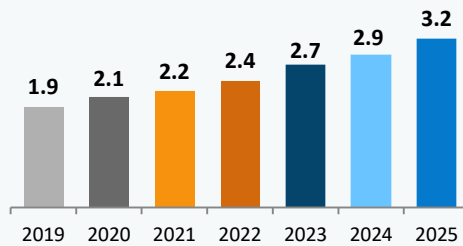
SECTOR COMPOSITION

Vertical-wise distribution of start-ups, FY21 (%)

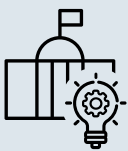
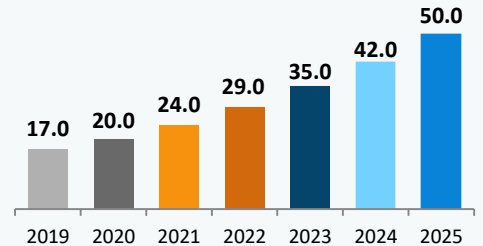


KEY TRENDS

Clinical trials market in India (US\$ billion)



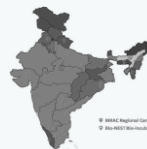
Medical device market in India (US\$ billion)



GOVERNMENT INITIATIVES



Make in India



Biotech Parks



National Biopharm Mission



ADVANTAGE INDIA

- **Skilled human capital:** With a total population of 1.3 billion, 50% being under the age of 25, India has large pool of young and skilled workforce. India has a large reservoir of scientific human resources including scientists and engineers
- **Infrastructure facilities:** Central and state governments have worked to set up several incubators and life science clusters across India. Under the Union Budget 2021-22, the government announced plans to set up nine biosafety level-3 (BSL-3) laboratories through Pradhan Mantri Aatmanirbhar Swasth Bharat Yojana. 9 DBT-supported biotech parks and 60 BIRAC-supported bio-incubators.
- **Policy support:** 100% under automatic route for greenfield projects for pharmaceuticals. Mission COVID Suraksha was announced by the Government of India to accelerate the development and production of indigenous COVID vaccines.
- **Epidemiological factors:** Patient pool expected to increase over 20% in the next 10 years, mainly due to rise in population.