## Biotech Areas Covered under Facilitation Cell



# 'INDIA's BIO-ECONOMY is estimated to be \$44 Billion

Segment	Value in \$ Billion (2017)
BIGAGRI	10:32
BIOINDUSTRIAL	2.85
BIOPHARMA	24.3
CRO/BIOIT/RESEARCH	7
TOTAL BIDECONOMY	44.47



"Source: India Biotech Handbook, ABLE, 2018

## BIRAC Energising Biotech Ecosystem

#### 1. Incubation

BioNEST (Bioincubators Nurturing Entrepreneurship for Scaling Technologies)

### 2. Ideation to Early Stage

- BIG (Biotechnology Ignition Grant)
- · SIIP (Social Innovation Immersion Program)
- SPARSH (Social Innovation programme for Products: Affordable & Relevant to Societal Health)
- SITARE (Student Innovations for Advancement of Research Explorations)
- E-YUVA (Encouraging Youth for Undertaking innovation research through Vibrant Acceleration)

### 3. PoC to Late Stage

- SBIRI (Small Business Innovation Research Initiative)
- BIPP (Biotechnology Industry Partnership Programme)

#### 4. Translation Research

PACE (Promoting Academic Research Conversion to Enterprise)

### 5. Equity Funding

- SEED Fund (Sustainable Entrepreneurship and Enterprise Development Fund)
- Biotechnology Innovation Fund AcE Fund (Accelerating Entrepreneurs), Fund of Funds

Make in India Facilitation Cell for Blotech sector at BIRAC

1st Floor, MTNL Building, 9 CGO Complex, Lodhi Road, New Delhi-110003 Emails: sped.birac@gov.tn, mil01.birac@nic.in, mil02-birac@nic.in Website: www.birac.nic.in | Follow us on ☑ BIRAC 2012



# MAKE IN INDIA FACILITATION CELL FOR BIOTECH SECTOR



## MAKE IN INDIA BIOTECHNOLOGY

Make in India Initiative was launched in 2014 by Hon'ble Prime Minister of India, Sh. Narendra Modi



Facilitating Investments



Fostering innovations



Protecting Intellectual Property



Building best in class Infrastructure



Ease of doing Business



Providing Employment in-Manufacturing Sector



State Partnerships to Expand Biotech Innovation Ecosystem



Create Global Start-up: Comnects

\*DBT has established Biotechnology Industry Facilitation Cell for Make in India at BIRAC

# ADVANTAGE INDIA

Fastest Emerging Market

Growing Blotech Innovation Ecosystem

**Global Competitiveness** 

Strong Policy Support

# INDIA A Shining Star

Among the top 12 destinations for biotechnology in the world

3rd biggest Blotech industry in Asia Pacific region

> 2nd highest number of USFDA-approved Plants

Leader in Global Supply of DPT, BCG, and Measle Vaccines

Largest Cotton Producer in the World

USD 100 Billion industry by 2025

### **Policies**

20 Indian States have issued Biotech Policies

Open Access Policy 2015

**Bioenergy Roadmap Vision 2020** 

National Health Policy 2017

National Policy For Skill Development and Entrepreneurship 2015

National Intellectual Property Rights Policy 2016

Similar Biologics Guidelines 2016

National Biotechnology Development Strategy 2015-2020

FDI Policy 2017

GST Exemption on Services provided by Bioincubators recognised by BIRAC

Medical Devices Rules 2017

# STARTUP INDIA



## Action Plan for Biotechnology 2016-2020

2000 startups
by 2020

50 Bio
Incubators

Biotechnology
Innovation
Fund-AcE\*

5 Biotech
Clusters

5 Regional
Centres

\*Fund of Funds

Single Window Clearance 100% permitted in Pharma and Medical Devices Skill Development Delicensing Deregulation Industrial Corridors Introduction of Patent Box Simple Exit Policy

Incentives offered by the

INDIAN GOVERNMENT