

**GOVERNMENT OF INDIA
MINISTRY OF SCIENCE AND TECHNOLOGY
DEPARTMENT OF BIOTECHNOLOGY**

**LOK SABHA
UNSTARRED QUESTION No. 3343
TO BE ANSWERED ON 23.03.2022**

Innovation of Environmentally Sustainable Technology

3343. SHRI HEMANT TUKARAM GODSE:

Will the Minister of SCIENCE AND TECHNOLOGY be pleased to state:

- (a) the total amount of funds allocated and funds spent in innovation of environmentally sustainable technology during the last five years, year-wise;
- (b) whether there is a scheme to fund NGOs or startups working to create environmentally sustainable technologies;
- (c) if so, the details of total funds allocated during the last three years, to such NGOs and startups, year-wise; and
- (d) if not, the reasons therefor?

ANSWER

**MINISTER OF STATE (INDEPENDENT CHARGE) OF
MINISTRY OF SCIENCE AND TECHNOLOGY AND EARTH SCIENCES
(DR. JITENDRA SINGH)**

- (a) Consolidated details of funds allocated and funds spent in the innovation of environmentally sustainable technology in the last five years, as well as year-wise, is placed below:-

(Rs in crores)

Year-wise	Funds allocated	Funds spent
2017-18	267.09	266.13
2018-19	310.38	296.19
2019-20	181.02	177.92
2020-21	145.41	148.58
2021-22 (as on 16-03-2022)	182.86	177.75
Total for last Five Years	1086.76	1066.57

- (b) Yes Sir, Department of Biotechnology, Ministry of Science and Technology has scheme for Industrial and Entrepreneurship Development (I&ED), and The Department through its public sector undertaking, Biotechnology Industry Research Assistance Council supports various start-ups under the thematic area “Energy Environment and Secondary Agriculture” for the development of environmentally sustainable technologies through various schemes such as Biotechnology Industry Partnership Programme (BIPP); Small Business Innovation Research

Initiative (SBIRI); Social Innovation Programme for Products: Affordable & Relevant to Societal Health (SPARSH); Biotechnology Ignition Grant (BIG); Sustainable Entrepreneurship & Enterprise Development (SEED) Fund; Launching Entrepreneurial Driven Affordable Products (LEAP) Fund and Synthetic Biology. A dedicated incubator - Clean Energy International Incubation Centre (CEIIC) focused on supporting startups working in the area of clean technology has been set up under the BioNEST scheme in collaboration with Tata Trusts under Mission Innovation. Apart from the above, recognized academic institutions and research organizations registered as NGOs are also being supported under the scheme “Biotechnology Research and Development” based on the merit of the research and development proposals.

- (c) and (d) A total of Rs. 31.21 crores have been allocated for startups and NGOs working for research and development for innovation of environmentally sustainable technology in the last three years.

(Rs in crores)

Year	2019-20	2020-21	2021-22	Total
Amount Sanctioned	16.04	10.14	5.03	31.21
