

GOVERNMENT OF INDIA  
MINISTRY OF NEW AND RENEWABLE ENERGY  
**RAJYA SABHA**  
**UNSTARRED QUESTION NO. 3495**  
ANSWERED ON 01.04.2025

**SUPPORT TO RENEWABLE ENERGY BASED START-UPS**

3495. SHRI MASTHAN RAO YADAV BEEDHA

Will the MINISTER OF NEW & RENEWABLE ENERGY be pleased to state:

- (a) Whether Government has any schemes / programs for incentivizing start-ups in the renewable energy sector in the country;
- (b) If so, the details thereof including a list of such schemes and programs over the last five years;
- (c) the details regarding the total number of beneficiaries of such schemes / programs over the last five years;
- (d) the details regarding the total number of start-ups, State-wise, presently active in the renewable energy sector; and
- (e) whether Government has undertaken any campaigns to increase renewable energy – based startups in the country, if so, details thereof?

**ANSWER**

**THE MINISTER OF STATE FOR NEW & RENEWABLE ENERGY AND POWER**

**(SHRI SHRIPAD YESSO NAIK)**

(a) & (b) Yes. the following are schemes /programs for start-ups :-

i. The Ministry of New and Renewable Energy (MNRE) is implementing a “Renewable Energy Research and Technology Development Programme (RE-RTD)” through various research institutions and industry to develop indigenous technologies and manufacturing for widespread applications of new and renewable energy in efficient and cost-effective manner in the country during the period FY 2021-22 to FY 2025-26. The Ministry provides up to 100% financial support to Government/non-profit research organizations and upto 70% to Industry, **start-ups**, private Institutes, entrepreneurs, and manufacturing units.

ii. As informed by Department for Promotion of Industry and Internal Trade (DPIIT), under the Startup India initiative, the Government is implementing three flagship Schemes, namely, Fund of Funds for Startups (FFS), Startup India Seed Fund Scheme (SISFS) and Credit Guarantee Scheme for Startups (CGSS) to support startups across categories and sectors at various stages of their business cycle including renewable energy.

- FFS was approved and established in 2016 to catalyze venture capital investments and is operationalized by Small Industries Development Bank of India (SIDBI), which provides capital to Securities and Exchange Board of India (SEBI)-registered Alternative Investment Funds (AIFs) which in turn invest in startups. AIFs supported under FFS are required to invest at least 2 times of the amount committed under FFS in startups.

- SISFS provides financial assistance to seed stage startups through incubators. SISFS is implemented from 1st April 2021.
- CGSS is implemented for enabling collateral free loans to startups through eligible financial institutions [Member Institutions (MIs)]. CGSS is operationalized by the National Credit Guarantee Trustee Company (NCGTC) Limited and has been operationalized from 1st April 2023.

(c) & (d) Under MNRE's RE-RTD programme, the total three number of start-ups are benefited through various research projects implemented during last five years.

In addition, as informed by DPIIT, total number of start-ups recognised by DPIIT over the last five years in the renewable energy sector are as follows: -

Year	Start-ups in Renewable Energy (Nos)
2020	377
2021	521
2022	685
2023	1017
2024	1082

(e) The MNRE organized the R&D Conclave on Renewable Energy from April 11–12, 2023, to promote innovation in renewable energy and also hosted the 4<sup>th</sup> Global Renewable Energy Investors Meet & Expo (RE-INVEST 2024) from September 16–18, 2024, to further encourage investment and collaboration in the renewable energy among start-ups, industries and other stakeholders.

As informed by DPIIT, the Government also implements periodic exercises and programs including States' Startup Ranking, National Startup Awards, and Innovation Week which play an important role in the holistic development of the startup ecosystem. Government also encourages and supports ecosystem led initiatives such as Startup Mahakumbh which serve as a vibrant platform for stakeholders to network and collaborate. Initiatives to improve market access and enable public procurement which support startups in growing and scaling up their businesses have also been undertaken. Digital platforms such as the Startup India portal and BHASKAR enable easy access to resources and startup ecosystem collaboration. These measures are complemented by regulatory reforms and other ecosystem development events and programs.

\*\*\*\*\*