

**GOVERNMENT OF INDIA
MINISTRY OF COMMUNICATIONS
DEPARTMENT OF TELECOMMUNICATIONS**

**LOK SABHA
STARRED QUESTION NO. 247
TO BE ANSWERED ON 20TH DECEMBER, 2023**

DLI AND PLI SCHEMES

***247. SHRI BHOLA SINGH:
SHRI VINOD KUMAR SONKAR:**

Will the Minister of COMMUNICATIONS be pleased to state:

- (a) whether the Ministry has received applications under the Design-Linked Incentive (DLI) Scheme and Production Linked Incentive (PLI) Scheme;
- (b) if so, the details thereof including number of applications received, amount of investment, employment created, production and sales done so far, year-wise;
- (c) whether the Government has been able to succeed through Production Linked Incentive (PLI) Scheme that promotes telecom and networking products manufacturing;
- (d) if so, the details thereof, year-wise; and
- (e) the other steps being taken by the Government for effective implementation of these schemes?

ANSWER

**MINISTER OF RAILWAYS, COMMUNICATIONS AND ELECTRONICS AND
INFORMATION TECHNOLOGY
(SHRI ASHWINI VAISHNAW)**

- (a) to (e) A statement is laid on the Table of the House.

STATEMENT TO BE LAID ON THE TABLE OF LOK SABHA IN RESPECT OF PARTS (a) TO (e) OF THE LOK SABHA STARRED QUESTION NO. 247 FOR 20TH DECEMBER, 2023 REGARDING “DLI AND PLI SCHEMES.”

(a) to (e) Government is committed to develop entire electronics and telecom manufacturing ecosystem in India. To develop telecom technologies and promote manufacturing, multiple initiatives have been taken. These are enumerated as follows:

PLI in telecom sector:

Production Linked Incentive (PLI) Scheme for Telecom and Networking Products was launched in June, 2021. Within a short span, it has catalyzed production of telecom equipment in India. The details are as follows:

- Total of 33 telecom and networking products.
- Incentives ranging from 4 to 7%.
- Additional 1% incentive for MSMEs for first 3 years.
- Additional 1% incentive for products ‘Designed in India’.
- Total 42 applicant (attached as Annexure) companies including 28 MSMEs.
- Total financial outlay: Rs. 12,195 Crore.

Achievements of PLI in telecom sector till date:

	Total commitment by applicants	Progress till 31 st October, 2023
Investment	4,014 Cr	2,725 Cr
Incremental Sales	2,37,807 Cr	38,999 Cr
Additional direct employment	44,494	15,561

- Under telecom PLI scheme, products worth Rs 8,804 Crore have been exported till date.
- As on date, Rs. 34.97 Crore has been disbursed under the PLI Telecom Scheme for FY 2021-22.

TTDF:

- Government launched Telecom Technology Development Fund (TTDF) Scheme on 01.10.2022.
- TTDF is aimed at funding research and development of technologies, products, and services for providing telecom services in rural and remote areas.
- More than 405 applications have been received under TTDF scheme from Start-ups, MSMEs, Academia, etc. After due assessment, 8 applications with a total outlay of Rs. 266.05 Crore has

been approved so far. These include setting up Advanced Optical Communications Test Bed and 6G Tera Hertz Test Bed with Orbital Angular Momentum and Multiplexing.

DCIS Scheme:

- Government has launched Digital Communications Innovation Square (DCIS) Scheme to promote and support translation of innovative ideas and knowledge by Start-ups/MSMEs.
- Government has supported more than 96 start-ups/MSMEs till date with Rs. 74.7 Crore as grant-in-aid under this scheme.
- These innovators are working on backhaul radio and communication technologies, LTE Advanced, 5G/6G and future generation access technologies, Software Defined Networks (SDNs) etc.

Made in India 5G:

- India has witnessed one of the fastest roll-out of 5G anywhere in the world with more than 4 Lakh sites commissioned in less than 14 months.
- A significant amount of equipment used in roll-out of the 5G is 'Made in India'.

Developing indigenous 5G

- Under Atmanirbhar Bharat, indigenous 4G/5G telecom stack has been developed and is under deployment in BSNL network.

Developing ecosystem:

Government of India's goal is to broaden and deepen the country's electronic manufacturing ecosystem as well as increase India's participation in electronics Global Value Chains (GVCs).

Government has taken several measures to boost electronics manufacturing. They include:

- Production Linked Incentive Schemes (PLI LSEM and PLI IT Hardware).
- Scheme for Promotion of Manufacturing of Electronic Components and Semiconductors (SPECS).
- Modified Electronics Manufacturing Clusters 2.0 (EMC 2.0).
- Further, a program for Development of Semiconductors and Display manufacturing Ecosystem was also introduced, wherein, schemes, viz., Scheme for setting up of Semiconductor and Display Fabs, Scheme for setting up of Compound Semiconductors / Silicon Photonics / Sensors Fab / Discrete Semiconductors Fab and Semiconductor Assembly, Testing, Marking and Packaging (ATMP) / Outsourced Semiconductor Assembly and Test (OSAT) and Design Linked Incentive (DLI) Schemes are being implemented.

Impact of Government initiatives:

- As a result of these measures the domestic production of electronic items has increased significantly from Rs 1,80,454 Crore (USD 29.8 Billion) in 2014-15 to Rs. 8,22,350 Crore (USD 102 Billion) in 2022-23.
- Further, construction on first semiconductor unit under the Semicon India program has commenced in Sanand, Gujarat.
- A prominent semiconductor company has started its largest semiconductor design centre in Bengaluru.
- Another prominent semiconductor company has collaborated with Indian Institute of Science to train a large pool of engineers conversant in semiconductor technologies.
- Further, Mobile production has increased from Rs 18,900 Crore in 2014-15 to Rs 3,50,000 Crore in 2022-23. From about 78% import dependence in 2014, India has reached a stage where 99.2% of all mobiles sold in India are 'Made in India'.

Details of Companies approved under PLI Scheme of Telecom and Networking Products

S.No.	Name of the Applicant
1	Alphion India Private Limited
2	Candid Optronix Pvt Ltd
3	Coral Telecom Limited
4	Design and Manufacturing Vista Electronics Private Limited
5	Frog Cellsat Limited
6	Go IP Global Services Private Limited
7	Kaynes International Design & Manufacturing Private Limited
8	Lekha Wireless Solutions Pvt Ltd
9	Matrix Comsec Private Limited
10	Samriddhi Automations Private Limited
11	Sansap Technology Private Limited
12	Vihaan Networks Limited
13	Dixon Electro Appliances Private Limited
14	HFCL Limited
15	ITI Limited
16	Tejas Networks Limited
17	VVDN Technologies Private Limited
18	Ehoome IOT Private Limited
19	Elcom Innovations Private Limited
20	GDN Enterprises Private Limited
21	GX India Private Limited
22	Huber + Suhner Electronics Private Limited
23	Netlink ICT Pvt Ltd
24	Netweb Technologies India Pvt. Ltd.
25	Panache Digilife Limited
26	Priyaraj Electronics Limited
27	Sixth Energy Technologies Private Limited

S.No.	Name of the Applicant
28	Skyquad Electronics and Appliances Private Limited
29	Surbhi Satcom Private Limited
30	Synegra EMS Limited
31	Systrome Technologies Private Limited
32	Tecniqua India Private Limited
33	Tianyin Worldtech India Private Limited
34	Commscope India Private Limited
35	Flextronics Technologies (India) Private Limited
36	Jabil Circuit India Private Limited
37	Neolync Tele Communications Private Limited
38	Nokia Solutions And Networks India Private Ltd
39	Rising Stars Hi-Tech Private Limited
40	Samsung India Electronics Pvt Ltd.
41	Sanmina-Sci India Private Limited
42	Syrma SGS Technology Limited
