

GOVERNMENT OF INDIA
MINISTRY OF HEAVY INDUSTRIES
LOK SABHA
UNSTARRED QUESTION NO. 1367
ANSWERED ON 03.12.2024

ADVANCING INDIA'S ELECTRIC VEHICLE ECOSYSTEM

**1367. SHRI YOGENDER CHANDOLIA:
SHRI SHANKAR LALWANI:
SHRI DINESHBHAI MAKWANA:
SHRI MANOJ TIWARI:
DR. HEMANT VISHNU SAVARA:
SHRI RAVINDRA SHUKLA ALIAS RAVI KISHAN:
SMT. SMITA UDAY WAGH:**

Will the Minister of **HEAVY INDUSTRIES** भारी उद्योग मंत्री be pleased to state:

- (a) whether the Government has taken efforts in advancing India's Electric Vehicle (EV) ecosystem and if so, the details thereof;
- (b) the targets set by the Government for fostering local manufacturing and promoting sustainable growth;
- (c) the details of efforts taken by the Government in achieving the national goal of Atmanirbhar Bharat and Viksit Bharat 2047; and
- (d) the details of the achievements of Atmanirbhar Bharat Yojana and Viksit Bharat 2047, State-wise including Uttar Pradesh and Maharashtra including Palghar district?

**ANSWER
THE MINISTER OF HEAVY INDUSTRIES
(SHRI H.D. KUMARASWAMY)**

(a) to (d): Ministry of Heavy Industries has formulated the following schemes for advancing and strengthening India's Electric Vehicle (EV) ecosystem by supporting local manufacturing aligned with the vision of Atmanirbhar Bharat and Viksit Bharat 2047 and these schemes are implemented on pan India basis including State of Uttar Pradesh and Maharashtra:

- i. **PM Electric Drive Revolution in Innovative Vehicle Enhancement (PM E-DRIVE) Scheme:** PM E-DRIVE Scheme has been notified on 29.09.2024 for promotion of electric mobility and to reduce dependence of fossil fuels in the country. The scheme has an outlay of Rs.10,900 crore over a period of two years from 01.04.2024 to 31.03.2026. The Electric Mobility Promotion Scheme (EMPS) 2024 implemented for the period of 06 months, from 01.04.2024 to 30.09.2024, is subsumed in PM E-DRIVE Scheme. This scheme aims to incentivise sale of e-2W, e-3W, e-Trucks, e-Ambulances, and e-buses. The scheme also supports development of charging infrastructure and upgrading testing agencies over two years, i.e. up to FY 2025-26.
- ii. **Production Linked Incentive Scheme for Automobile and Auto Component Industry (PLI-Auto):** PLI-Auto Scheme was launched on 15.09.2021, for enhancing India's manufacturing capabilities for Advanced Automotive Technology (AAT) products with a budgetary outlay of Rs. 25,938 crores for a period of 5 years.

The details of the scheme are available at <https://heavyindustries.gov.in/pli-scheme-automobile-and-auto-component-industry>

- iii. **Production Linked Incentive (PLI) scheme for manufacturing Advanced Chemistry Cells (ACC):** Government on 12th May, 2021 approved PLI-ACC in order to promote manufacturing of ACC in the country with a budgetary outlay of Rs. 18,100 crore. The scheme envisages to establish a cumulative ACC battery manufacturing capacity of 50 GWh. The details of the scheme may be seen at <https://heavyindustries.gov.in/pli-scheme-national-programme-advanced-chemistry-cell-acc-battery-storage>

- iv. **Faster Adoption and Manufacturing of Hybrid and Electric Vehicles (FAME) scheme:** Faster Adoption and Manufacturing of (Hybrid &) Electric Vehicles in India (FAME India) scheme Phase-II (FAME II) was implemented for a period of 5 years w.e.f. 01st April, 2019 with a total budgetary support of Rs.11,500 Crore. Under FAME India scheme Phase-II, Phased Manufacturing Programme (PMP) was introduced with the objective of domestic manufacturing of electrical vehicles, its assemblies/ sub-assemblies and parts/sub-parts thereby increasing the domestic value addition.
