

GOVERNMENT OF INDIA
MINISTRY OF HEAVY INDUSTRIES
RAJYA SABHA
UNSTARRED QUESTION NO. 1068
ANSWERED ON 28.07.2023

ELECTRIC MOBILITY IN THE COUNTRY

1068. SHRI KAILASH SONI:

Will the Minister of **Heavy Industries** be pleased to state:

- (a) the manner in which Government is ensuring public awareness about the merits of increased electric mobility in the country;
- (b) whether there is any plan to further the formalization of the legal framework to ensure rapid electric mobility in the country;
- (c) if so, the details thereof, and if not, the reasons therefor; and
- (d) the details of the measures through which Government is considering to remove logical bottlenecks in achieving better electric mobility in the country?

ANSWER
THE MINISTER OF STATE FOR HEAVY INDUSTRIES
(SHRI KRISHAN PAL GURJAR)

(a): As per the information received from NITI Aayog, NITI Aayog introduced the e-AMRIT web portal during COP 26 on 10th November, 2021. Serving as a 'one-stop site,' it aims to raise EV awareness, increase adoption, and attract investments. Since its launch, the portal has garnered 2.58 lakhs visitors and 1000+ app downloads, inspiring Karnataka, Telangana, and Gujarat to develop their State EV Awareness Portals.

Additionally, NITI Aayog launched the "Shoonya - Zero Pollution Mobility" consumer awareness campaign in collaboration with prominent companies in India's EV ecosystem. Over 150 industry partners joined, with 28 companies committing to scale Shoonya's efforts, leading to the deployment of 140,000 EVs and 350,000 charge points across India by 2025. This initiative is expected to reduce 1.9 million tonnes of CO₂, 4200 tonnes of nitrogen oxide (NO_x) emissions, and 200 tonnes of particulate matter emissions.

Furthermore, on the side-lines of India's G20 Presidency, during the 4th Energy Transition Working Group (ETWG) meeting, NITI Aayog launched a consumer-based ad campaign highlighting the environmental and economic benefits of transitioning to EVs.

(b) to (d): As per the information received from NITI Aayog, India's ambitious climate goals are driven by the announcement made by the Hon'ble Prime Minister, advocating for the "Panchamrit," five nectar elements, which aim to lead the country towards a low-carbon economy and achieve Net Zero Pathways by 2070.

Electric Mobility is a major technology disruption, and India urgently needs to shift its policies and investments in favour of electric vehicles. Market reports suggest that adopting EVs could save up to INR 8 trillion on oil imports by 2035, presenting a significant market opportunity. All major carmakers, two and three-wheeler manufacturers are already offering all-electric vehicles in their line-up.

As per the Economic Survey 2022-23, the domestic EV market is expected to grow at a CAGR of 49% between 2022 and 2030, with annual sales reaching 1 crore units by 2030, creating 5 crore direct and indirect jobs.

To realize this potential, India plans to collaborate closely with states, and address critical issues while attracting investments in indigenising EV and Battery Ecosystem. The country also aims to develop risk-sharing instruments to offset the cost parity of EVs and mobilize large-scale investments in manufacturing various components.
