

**GOVERNMENT OF INDIA
HEAVY INDUSTRIES AND PUBLIC ENTERPRISES
LOK SABHA**

UNSTARRED QUESTION NO:884
ANSWERED ON:08.08.2013
NATIONAL MOBILITY PLAN
Tandon Annu

Will the Minister of HEAVY INDUSTRIES AND PUBLIC ENTERPRISES be pleased to state:

- (a) whether the Government is considering a separate auto policy for electric, hybrid and hydrogen powered vehicles as part of the National Mobility Plan;
- (b) if so, the details thereof;
- (c) the steps taken by the Government to promote research and development of green and clean vehicles;
- (d) whether the Government is considering special incentives and required infrastructure to encourage mainstream auto manufacturer to produce electric and hybrid vehicle; and
- (e) if so, the details thereof and the steps taken by the Government in this regard?

Answer

MINISTER OF HEAVY INDUSTRIES AND PUBLIC ENTERPRISES (SHRI PRAFUL PATEL)

(a) & (b): Yes Madam, Government has formulated a Mission Plan for promotion of electric vehicles (including hybrid vehicles) viz. National Electric Mobility Mission Plan 2020 (NEMMP-2020). The NEMMP-2020 provides a roadmap for facilitating the manufacture and use of electric and hybrid vehicles through a series of interventions in order to support R&D in technology, including battery technology, create demand for such vehicles, and to enhance manufacturing of such vehicles significantly by the year 2020. The ultimate objective of NEMMP-2020 is to enhance the energy security of the country and reduce the impact of transportation on environment by progressive introduction of electric and hybrid vehicles.

(c): The Government has been supporting automotive R&D activities including the R&D for Green & Clean vehicles. Department of Heavy Industry has funded a number of R&D projects through the Automotive Cess that is levied on sale of vehicles. This includes the development of a retrofit hybrid kit being developed by ICAT, NATRIP, hybrid simulator being developed by ARAI etc. In addition, Department of Science & Technology (DST) has also been supporting this effort.

(d) & (e): The NEMMP-2020 roadmap envisages a comprehensive demand creation scheme as well as R&D and charging infrastructure creation to support greater adoption of electric and hybrid vehicles. The specific scheme for these interventions is being finalized for the consideration of National Board for Electric Mobility (NBEM).