

LOK SABHA
UNSTARRED QUESTION No. 4401
TO BE ANSWERED ON 27th March, 2025
PRADHAN MANTRI JIVAN YOJANA

4401. SHRI MADDILA GURUMOORTHY:

पेट्रोलियम और प्राकृतिक गैस मंत्री

Will the Minister of PETROLEUM AND NATURAL GAS be pleased to state:

- (a) the details of the specific goals that the Government aims to achieve with the increased budget for the Pradhan Mantri JIVAN Yojana and the manner in which progress would be tracked and reported;
- (b) whether the schemes focusing on promoting biofuels and reducing oil imports align with the Government's overall energy strategy and the long-term benefits it would bring to the agricultural sector and the economy and if so, the details thereof; and
- (c) the details of the funds allocation including the share allocated for research, raw material procurement and financial support for project developers along with its utilisation?

ANSWER

पेट्रोलियम और प्राकृतिक गैस मंत्रालय में राज्य मंत्री
(श्री सुरेश गोपी)

MINISTER OF STATE IN THE MINISTRY OF PETROLEUM & NATURAL GAS
(SHRI SURESH GOPI)

(a) to (c): The Government has been promoting the blending of ethanol in petrol under the Ethanol Blended Petrol (EBP) Programme with multiple objectives. As a green fuel, ethanol supports the environmental sustainability efforts of the Government. It reduces dependence on crude oil imports while saving foreign exchange and promotes the domestic agriculture sector.

EBP Programme has resulted in expeditious payment to farmers of more than Rs.1,04,000 crore from Ethanol Supply Year (ESY) 2014-15 up to January 2025, besides savings of more than Rs.1,20,000 crore of foreign exchange, net CO₂ reduction of about 626 lakh metric tonnes and substitution of more than 200 lakh metric tonnes of crude oil.

To further facilitate ethanol production, the Government notified the "Pradhan Mantri JI-VAN (Jaiv Indhan- Vatavaran Anukool Fasal Awashesh Nivaran) Yojana" in 2019, amended in 2024, with the objectives to establish advanced biofuels projects in the country using lignocellulosic biomass and other renewable feedstocks, provide remunerative income to farmers for their otherwise waste agriculture residues, create rural and urban employment opportunities, address concerns of environmental pollution caused by burning of biomass/agriculture residue, reduce soil and water pollution from municipal solid waste, contribute to Swachh Bharat Mission, help in meeting the target envisaged in Ethanol Blended Petrol (EBP) programme, reduce dependence on crude oil import, etc.

The PM JI-VAN scheme outlines an institutional mechanism to track and report the projects under the scheme for their selection, evaluation, and implementation. The Scientific

Advisory Committee of Ministry of Petroleum and Natural Gas (MoPNG) is the nodal body for recommending the eligible projects under the scheme and Centre for High Technology (CHT), a body under MoPNG, is the nodal implementing agency. Projects are approved by Steering Committee of CHT for grant of financial assistance under the scheme. Progress of the projects are periodically reviewed to ensure their compliance with guidelines to safeguard the interest of the Government and ensure timely completion of the projects.

The total financial outlay for PM JI-VAN is Rs. 1,969.50 crore, of which Rs. 1,800 crore is allocated for commercial-scale advanced biofuel projects and Rs. 150 crore for demonstration-scale advanced biofuel projects. The total cost of the project inter-alia includes biomass supply chain and handling, technology charges, cost of the total equipment etc. The revised scheme has been extended by five years i.e., from 2023-24 to 2028-29, expanding eligibility to cover “bolt-on” plants and “brownfield projects”, and replacing “2G ethanol” with advanced biofuels.
