

GOVERNMENT OF INDIA  
MINISTRY OF PETROLEUM AND NATURAL GAS

**RAJYA SABHA**  
**UNSTARRED QUESTION No. 1737**  
ANSWERED ON 18.12.2023

**PM-JIVAN SCHEME**

1737. SHRI RAVICHANDRA VADDIRAJU:

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

- (a) the details of funds allocated and utilised under Pradhan Mantri-Jaiv Indhan-Vatavaran Anukool Fasal Awashesh Nivaran (PM JIVAN) Scheme since its inception;
- (b) whether there has been an under utilisation of funds under the scheme and if so, the details thereof;
- (c) the details of projects supported through the Scheme and their current status including in Andhra Pradesh;
- (d) whether the Scheme has made 2G Ethanol plants financially viable and technologically feasible, if so, the details thereof; and
- (e) the further steps Government has taken to promote 2G Ethanol plants?

**ANSWER**

THE MINISTER OF STATE IN THE MINISTRY OF PETROLEUM & NATURAL GAS  
(SHRI RAMESWAR TELI)

(a) to (d): In March, 2019, Government had notified the “Pradhan Mantri JI-VAN (Jaiv Indhan-Vatavaran Anukool fasal awashesh Nivaran) Yojana” for providing financial support to integrated bio-ethanol projects for setting up Second Generation (2G) ethanol projects in the country using lignocellulosic biomass and other renewable feedstock. The total financial outlay for the scheme is Rs. 1969.50 crore for the period 2018-19 to 2023-24.

Under the PM JI-VAN Yojana, the maximum financial assistance of Rs.150 crore per project for commercial projects and Rs.15 crore per project for demonstration projects has been prescribed for improving commercial viability as well as promoting R&D for development and adoption of technologies in the field of production of 2G ethanol.

Under the above scheme, financial assistance of about Rs.1208 crore has been approved to Public & Private Sector Companies for eight commercial Second Generation (2G) bio-ethanol projects in Punjab, Odisha, Assam, Karnataka and Andhra Pradesh and four 2G ethanol demonstration projects in Haryana, Bihar, Maharastra & Karnataka. One commercial project at Panipat (Haryana) has been dedicated to the nation on 10<sup>th</sup> August, 2022. The commercial projects at Bathinda (Punjab), Bargarh (Odisha) and Numaligarh (Assam) are in advanced stages of construction. Release of funds is based on the milestones achieved as per the scheme. So far about Rs. 189 crores have been released

(e): The other steps taken to promote Ethanol Plants including 2G ethanol plants *inter alia* include imposition of additional excise duty on non-blended fuels; offtake assurance by Oil Marketing Companies (OMCs) for 15 years to private stakeholders by signing Ethanol Purchase Agreement (EPA); diversification of feedstocks for 2G ethanol production; lowered GST rate to 5% on ethanol for EBP Programme; etc.

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