

Pradhan Mantri JI-VAN Yojana - Govt Schemes PDFs

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All About Pradhan Mantri JI-VAN Yojana - Govt Schemes PDFs

Union Government has approved the "Pradhan Mantri JI-VAN (Jaiv Indhan- Vatavaran Anukool fasal awashesh Nivaran) Yojana" for providing financial support to Integrated Bio-ethanol Projects using lignocelluloses biomass and other renewable feedstock.

Ministry : Ministry of Petroleum & Natural Gas

Background:

- Government launched Ethanol Blended Petrol (EBP) programme in January, 2003. The programme was launched to promote the use of alternative and environment friendly fuels and to reduce import dependency for energy requirements.
- Currently this programme is being run in 21 States and 4 UTs of the country. Under this, OMCs are to blend upto 10% of ethanol in Petrol.
- The Scheme will allow procurement of ethanol produced from molasses and non-food feed stock like celluloses and lignocelluloses material including petrochemical route.

Features:

- Under the Scheme, Viability Gap Funding (VGF) to 12 Commercial Scale and 10 demonstration scale Second Generation (2G) ethanol Projects will be provided VGF Support in following two phases :
- a) Phase-I (2018-19 to 2022-23): In this phase, six commercial projects and five demonstration projects will be supported.
- b) Phase-II (2020-21 to 2023-24): In this phase remaining six commercial projects and five demonstration projects will be supported.
- To create suitable Ecosystem to Incentivize 2G Ethanol sector and set up commercial projects and increase Research & Development in this area

Benefits :

- Fossil fuels will be substituted with Biofuels, thus Import dependence will be reduced

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- To Achieve the GHG emissions reduction targets through progressive blending/ substitution of fossil fuels.
- Support the aggregation of non-food biofuel feedstocks such as waste biomass and urban waste.
- Improve health of citizens by addressing environment concerns caused due to burning of biomass or crop residues &
- Doubling farmer income by providing them remunerative income for their otherwise waste agriculture residues.
- Indigenizing of Second Generation Biomass to Ethanol technologies.

Ministry has targeted to achieve 10% blending percentage of Ethanol in petrol by 2022.

Second Generation (2G) Ethanol from biomass and other wastes will be explored by MoP&NG to bridge the supply gap for EBP programme.

Implementation Agency :

Centre for High Technology (CHT), will be the implementation Agency for the scheme.

Budget : Rs 5000 Crore

Important Take-aways :

Scheme	Pradhan Mantri JI-VAN Yojana
Approval Date	28/02/2019
Ministry	Ministry of Petroleum & Natural Gas
Aim	To providing financial support to Integrated Bioethanol Projects using lignocellulosic biomass and other renewable feedstock
Projects that will be provided funding support	12 Commercial Scale and 10 demonstration scale Second Generation (2G) ethanol Projects
Target	to achieve 10% blending percentage of Ethanol in petrol by 2022
Budget	5000 Crore

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