

GOVERNMENT OF INDIA  
MINISTRY OF AGRICULTURE AND FARMERS WELFARE  
DEPARTMENT OF AGRICULTURE AND FARMERS WELFARE

**LOK SABHA**  
**UNSTARRED QUESTION NO. 1987**  
TO BE ANSWERED ON THE 1<sup>ST</sup> AUGUST, 2023

**MANURE VALUE CHAIN**

1987. SHRI DIPSINH SHANKARSINH RATHOD:

Will the Minister of AGRICULTURE AND FARMERS WELFARE कृषि एवं किसान कल्याण मंत्री be pleased to state:

- (a) whether the Government has established any pilot project/model on manure value chain to harness the potential of cow dung;
- (b) if so, the details thereof;
- (c) whether the Government is working to expand said unique model to other entities;
- (d) if so, the details thereof; and
- (e) if not, the reasons therefor?

**ANSWER**

MINISTER OF AGRICULTURE AND FARMERS WELFARE

कृषि एवं किसान कल्याण मंत्री (SHRI NARENDRA SINGH TOMAR)

(a) & (b): Ministry of Fisheries, Animal Husbandry and Dairying has informed that, in order to harness potential of cow dung, National Dairy Development Board (NDDB) has established 4000 cubic meter biogas plant at Varanasi Milk Union, which uses 100 MT per day of cow dung purchased from farmers. It is a unique model in the country where milk processing is achieved through energy generated by cow dung. Bioslurry obtained from the plant is converted into organic fertilizer and made available to member farmers at reasonable rates.

(c) to (e): NDDB has informed that Zakariyapura model wherein small capacity flexi biogas (2 Cubic meters) are installed by women farmers of the village Zakariyapura in their household backyard, is replicating through various collaborations such as CSR support and in partnership with agencies like Sustain Plus Energy Foundation. 11 more such projects have been taken in 9 states. 25 such cluster projects have been implemented in various districts of Gujarat under the Gobardhan Scheme. Under the cluster projects and through various initiatives of NDDB, more than 14000 household level biogas plants have been installed. NDDB has also established NDDB MRIDA Limited as its wholly owned subsidiary in July 2022 to take forward manure management initiatives across the country.

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