

**GOVERNMENT OF INDIA
HOUSING AND URBAN POVERTY ALLEVIATION
LOK SABHA**

UNSTARRED QUESTION NO:3283
ANSWERED ON:22.03.2017
Fabricated Construction Technology
Owaisi Shri Asaduddin

Will the Minister of HOUSING AND URBAN POVERTY ALLEVIATION be pleased to state:

Will the Minister of HOUSING AND URBAN POVERTY ALLEVIATION be pleased to state:

- (a) whether the Government proposes to encourage fabricated construction technology in the housing sector and if so, the details thereof;
- (b) the number of houses constructed under different projects under this technology;
- (c) the details of States so far covered using this technology demonstration;
- (d) the extent to which this technology is useful for para-military forces and Pradhan Mantri Awas Yojana;
- (e) whether the Government has examined their durability and safety and if so, the details thereof; and
- (f) the further steps taken or being taken by the Government in this regard?

Answer

THE MINISTER OF STATE IN THE MINISTRY OF HOUSING AND URBAN POVERTY ALLEVIATION
(RAO Inderjit Singh)

(a) : Yes, Madam. The Government of India through Technology Sub-Mission (TSM), a sub-component of Pradhan Mantri Awas Yojana (PMAY) (Urban) Mission is facilitating modern, innovative and green, prefabricated alternate housing technologies and building materials for faster and quality construction of houses. Ministry of Housing and Urban Poverty Alleviation has released

"Compendium of Prospective Emerging technologies for Mass Housing" and is coordinating with other Ministries of Government of India and the State/UT Governments for application of the alternate prefabricated housing technologies. Ministry of Urban Development, Government of India has directed Central Public Works Department (CPWD), Delhi Development Authority (DDA) and National Buildings Construction Corporation Ltd. (NBCC) for mandatory adoption of three identified new and emerging prefabricated alternate housing technologies for housing construction projects with effect from 01.04.2017. The State/UT Governments have also been advised to suitably adopt the alternate prefabricated housing technologies.

(b) : Till date, 42,102 houses have been constructed in the State of Gujarat and NCT of Delhi by using new and emerging alternate housing technologies and 28,688 houses have either been tendered or being tendered under new and emerging alternate housing technologies in the States of Gujarat, Chhattisgarh and Jharkhand.

(c): In the states, which have offered land free of cost and willing to participate in Demonstration Housing Project (DHP), Building Materials and Technology Promotion Council (BMTPC), an autonomous body under the aegis of this Ministry and also the nodal agency for the TSM has been undertaking DHPs by using alternative / emerging housing technologies.

(d) :The pre-fabricated construction technology is useful for para-military forces and Pradhan Mantri Awas Yojana (Urban) mission as the prefabricated housing technology has advantage of speed and quality. Further, as intimated by the Ministry of Home Affairs, pre-fabricated construction technology in Central Armed Police Forces is encouraged, wherever feasible.

(e): Technical institutions like Indian Institute of Technology (IIT), National Institute of Technology (NIT), Research and Development organizations like Structural Engineering Research Centre (SERC), Chennai, Central Building Research Institute (CBRI), Roorkee are involved in examination/evaluation of prefabricated/new technologies.

(f): Under Technology Sub Mission, States are being encouraged to adopt new/alternative technologies with support from IITs/NITs and other technical Institutions.
