

**GOVERNMENT OF INDIA
MINISTRY OF HOUSING AND URBAN AFFAIRS
RAJYA SABHA
UNSTARRED QUESTION NO. 2607
ANSWERED ON 16/03/2026**

**LIGHT HOUSE PROJECT UNDER GLOBAL HOUSING TECHNOLOGY CHALLENGE
IMPLEMENTATION**

2607. SHRI SANJAY KUMAR JHA:

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

- (a) whether it is a fact that Government has conceptualized the Light House Project (LHP) under Global Housing Technology Challenge, India (GHTC);
- (b) if so, the main objective of the project; and
- (c) the locations in the country where the project has been initiated?

ANSWER

**THE MINISTER OF STATE IN THE MINISTRY OF HOUSING AND URBAN AFFAIRS
(SHRI TOKHAN SAHU)**

- (a) to (c): Ministry of Housing and Urban Affairs (MoHUA) has been implementing Pradhan Mantri Awas Yojana - Urban (PMAY-U) since 25.06.2015 with an aim to provide all weather pucca houses with basic civic amenities to all eligible urban beneficiaries across the country. Under PMAY-U, a Technology Sub-Mission (TSM) has been set up for promotion and adoption of innovative, sustainable, eco-friendly and disaster-resilient technologies and building materials by various stakeholders of construction sector for fast, cost effective and quality construction of houses across the country including hilly States/Union Territories (UTs).

The Global Housing Technology Challenge - India (GHTC-India) was initiated to identify and mainstream globally best available proven construction technologies that are rapid, sustainable, green and disaster resilient. Under GHTC-India, a total of 54 proven technologies from across the world were shortlisted and grouped into six categories based on geo-climatic regions for adoption by States/UTs, which are available at https://ghtc-india.gov.in/Content/pdf/54_Tech_Compendum_with_Preface.pdf.

Out of the identified 54 technologies under GHTC-India, six Light House Projects (LHPs) of more than 1,000 houses each with allied infrastructure facilities using six distinct technologies are constructed at Indore (Madhya Pradesh), Rajkot (Gujarat), Chennai (Tamil Nadu), Ranchi (Jharkhand), Agartala (Tripura) and Lucknow (Uttar Pradesh). The objective of implementation of LHPs was to enable States/UTs to adopt proven innovative housing construction technologies and demonstrate the delivery of ready-to-live houses with greater speed, cost efficiency, improved quality and sustainability. The LHPs were aimed to function as Live Laboratories to promote widespread learning among urban planners, builders and other stakeholders on the use of innovative construction technologies/systems on ground and mainstreaming in Indian context.

The construction of LHPs at Chennai, Rajkot, Indore, Lucknow and Ranchi has been completed and inaugurated by Hon'ble Prime Minister. The LHP at Agartala is in advanced stage of construction.
