



## PMAY (U) PROGRESS

70 lakh  
Houses  
Sanctioned



37 lakh  
Houses  
Grounded



15 lakh  
Houses  
Completed



₹3,87,433 cr  
Total  
Investment



₹34,573 cr  
Central Assistance  
Released

## LAUNCH OF GLOBAL HOUSING TECHNOLOGY CHALLENGE-INDIA

Shri Hardeep Singh Puri, Hon'ble Minister of State (Independent Charge), Ministry of Housing and Urban Affairs (MoHUA), Government of India launched "Global Housing Technology Challenge-India" (GHTC- India) on (14th January, 2019).

GHTC-India is an international competition which envisions a 360 degree transformation of the housing construction sector in India by mainstreaming innovative construction technologies from across the world.



Speaking on this occasion Shri Hardeep Singh Puri said, “Given the demand for housing in Indian cities, there is a need for the Construction sector to innovate in a smart manner. The need for smart innovation is because we face a set of challenges, the solutions to which are at times conflicting one another and a balance needs to be achieved. Honourable Prime Minister on several occasions has emphasized upon the need to bring to this country the best innovations in Housing Technologies being demonstrated and practiced in different parts of globe that are suitably adopted to the different regional conditions in India”

The Guest of Honour at the event Shri Amitabh Kant, CEO NITI Aayog said. “Timing of this challenge is perfect as we are in the cusp of a massive wave of large scale housing development in this country. This is expected to bring a paradigm shift in the Housing and Construction sector in India.”

Shri. Durga Shanker Mishra, Secretary. MoHUA made a detailed presentation to set the context by highlighting the challenges of Urbanisation and the methodologies Govt. of India is adopting to manage the same. He also elaborated the need for such a Challenge and the process that is planned to be followed. The challenge has three components viz. i) Conduct of GrandExpo-cum-Conference, ii) Identifying Proven Demonstrable Technologies from across the world and actual construction of “Light House Projects” and iii) Promoting Potential Technologies through setting up incubation centers at selected IITs and organizing accelerator workshops under the Affordable Sustainable Housing Accelerators- India (ASHA-India) Program.

MoU exchange with Knowledge Partners, Launch of GHTC-India Logo, Website & Mobile App and Launch of Book on 'Sustainable Building Technology' took place at the event.



Launch of GHTC Website

The event saw participation from various partners and stakeholders including officials from Central and State Governments, Representatives from various Central & State Govt. organizations, IITs, NITs and other Academic Institutions, World Bank, IFC, UN- Habitat, Multi-laterals and International Agencies, WRI-India, Massachusetts Institute of Technology, Developer Associations NAREDCO & CREDAI, Technology Providers And Housing Finance Companies. Shri. Amrit Abhijat, Joint Secretary and Mission Director, Pradhan Mantri Awas Yojana – Urban, Housing for All earlier welcomed the dignitaries to the event. He also informed that MoHUA has been implementing Pradhan Mantri Awas Yojana, Urban (PMAY-U) Mission to provide all weather pucca houses to eligible beneficiaries by the year 2022.

This Challenge will be a win-win proposition for all and also result in the formation of a much needed platform for cross learning among stake holders. States /UTs and Private sector will be well exposed to global technologies and Local support partners will get an opportunity to tie up with Global leaders of housing technologies.



MOU Exchange With Knowledge Partners



CEO Niti Aayog, Shri Amitabh Kant addressing the gathering



Context Setting by Secretary MoHUA Shri Durga Shanker Mishra



JS&MD HFA, Shri Amrit Abhijat exchanging MOU with WRI

## The Ministry of Housing and Urban Affairs, Government of India has conceptualized a Global Housing Technology Challenge - India (GHTC- India) which aims to identify and mainstream a basket of innovative technologies from across the globe that are sustainable and disaster-resilient.

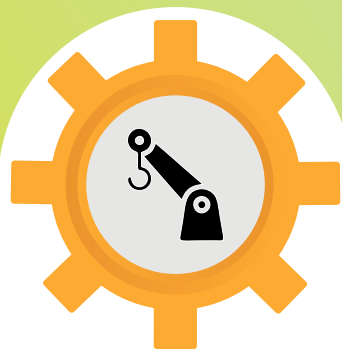
Such technologies would be cost effective, speedier and ensure a higher quality of construction of houses, meeting diverse geo-climatic conditions and desired functional needs. The GHTCIndia platform aspires to provide an eco-system for the adoption of innovative technologies in the housing construction sector in a holistic manner. Lighthouse projects are envisaged that will be built using these innovative technologies and further support will be provided to upcoming domestic technologies to foster an environment of research and development.

Conceptualised through extensive consultations with various stakeholders, GHTC-India leverages the scale and successes of the Pradhan Mantri Awas Yojana (Urban) and its Technology Sub-Mission. It furthers the transformative vision of the Hon'ble Prime Minister and his belief in technological advances to rapidly deliver low-cost housing that meets stringent environmental, societal, quality and economic standards.

To enable a technology transition, GHTC-India will encourage participation from across the affordable urban housing and construction sectors, such as technology providers, researchers, start-ups, developers, academia, public sector agencies, and civil society organizations. Details of participation will be progressively updated on the challenge website



**Grand Expo and Conference on Alternative and Innovative Construction Technologies**



**Identifying and Mainstreaming Proven Demonstrable Technologies for the Construction of Lighthouse Projects**



**Identifying Potential Future Technologies for Incubation and Acceleration Support through ASHA- india (affordable Sustainable Housing Accelerators)**

## GHTC-India Launch and Applications Open

Press Meet, Website Launch, and Applications open for Proven and Potential Technologies. Registration open to participate in EXPO

### Town Hall (Pre-Bid Meeting for clarifications on challenge)

#### Proven Technologies

Screened by TEC for Expo

6 sites selected across  
6 States / Uts

#### Potential Technologies

Shortlisted for Expo

**Pre-prototype:** recommended for **incubation**  
**Post-prototype:** recommended for **acceleration**

### Grand Expo and Conference

Presentations – Exhibits – TEC Evaluations – Panel Discussions  
Networking – Announcements – Awards

#### TEC Identifies Basket of Technology

##### Specific Technologies Sorted

**Site Wise by TEC** - Location Specific  
exclusive Technologies Selected as per Geo  
Climatic Conditions, Livability, Functionality

##### Procurement Process for Lighthouse Projects

Technical Eligibility Qualification followed by  
Least Cost Based Selection

##### Award of Work

Light House Project Construction

#### Shortlisted Potential Technologies receive Accelerator Workshops

Post prototype technologies get market  
mainstreaming familiarity and winners awarded

#### Winning Potential Technologies receive Incubation at IITs

Pre prototype technologies receive  
handholding to become market ready

### Learnings Documentation and Dissemination

Live Laboratory – Certification, Standardization, SORs –  
Skill Building - Curriculum Update

### Grand Expo and Conference (2nd edition)

Felicitation of Winners and Other Events





# PMAY(U) AWARDS – 2019

In a bid to recognize the outstanding performance and to promote a healthy competition by States/UTs, Urban Local Bodies, Beneficiaries and Housing Finance Corporations (under CLSS), Ministry of Housing and Urban Affairs, Government of India has instituted the 'PMAY(U) awards for Implementation and Innovation' under the Mission. The

overarching purpose of the PMAY(U)

Awards is to identify and reward the “Top Performers” in

different categories, to encourage others to compete and attain the goal of 'Housing for All' in a sustained manner. Out



of 3 broad levels of awards, the first level is instituted for States/UTs and Urban Local Bodies (ULBs) for performance on key indicators of the Mission. There would be separate competition among Municipal Corporations and Municipalities within the ULBs. The second level is to reward Banks and Housing Finance Corporations for their remarkable performance under CLSS component of PMAY(U). The highlight of the PMAY(U) awards is that it will also recognise and reward the selected beneficiaries (owners) from each State/UT under 'Beneficiary-led Construction' component for building their house in a most aesthetic and innovative manner i.e. the 3rd level. Along with these, few Special Category awards to give special recognition to States/ UTs for Innovative Technology in construction, Community Mobilisation, Slum Redevelopment, Policy initiatives, Project monitoring etc. have also been instituted.

## STATES & MUNICIPAL CORPORATION AWARDS

### BROAD PARAMETERS

Parameter A	Implementation of PMAY(U)
Parameter B	Institutional Architecture of the Scheme
Parameter C	Incremental Monthly Progress
Parameter D	Outreach & Transparency

The award shall consist of a **Trophy and Scroll**

### 9 Special Awards For Innovation

- Best performing Union Territory under PMAY(U)
- Project Monitoring methods/Tools
- Policy Initiatives
- Adoption of innovative construction technology
- Community Mobilization Initiatives
- Best AHP Project on Public land
- Best AHP Project on Private land
- Best ISSR Project
- Convergence

04 AWARDS FOR STATE/ UT GOVERNMENT

04 AWARDS FOR MUNICIPAL CORPORATIONS

08 AWARDS FOR MUNICIPALITIES

105 BENEFICIARY AWARDS



Best Performing State



Best Performing NE & Hilly States



Best Performing MCs



Best Performing MC in NE & Hilly States



Best Performing ULBs



Best Performing ULBs in NE & Hilly States



Best house constructed in each State/ UT