



INDIAN URBAN HOUSING CONCLAVE

RAJKOT, GUJARAT

2022

INAUGURATION OF
LHP RAJKOT- GUJARAT

EXHIBITIONS

CONFERENCE

PMAY-U AWARDS

19-21 OCTOBER 2022

BACKGROUND

Ministry of Housing and Urban Affairs (MoHUA) has been implementing **Pradhan Mantri Awas Yojana-Urban (PMAY-U)** since 25th June 2015 for construction of all-weather pucca houses with all basic amenities for all eligible families/ beneficiaries in urban areas of the country. The scheme is implemented through four verticals i.e. Beneficiary Led Construction (BLC), Affordable Housing in Partnership (AHP), In-Situ Slum Redevelopment (ISSR) and Credit Linked Subsidy Scheme (CLSS). Under the Mission, so far, we have sanctioned **1.23 crore** houses; out of this over **1.04 crore** have been grounded for construction and more than **64 lakhs** have been completed and delivered to the beneficiaries.

Within the ambit of the overarching PMAY-U, a Technology Sub-Mission (TSM) has been set up, to facilitate the adoption of innovative, sustainable, eco-friendly and disaster-resilient technologies and building materials for cost effective, speedier and quality construction of houses. For promoting new and innovative construction technologies and systems under, so far following activities have been taken up:

Global Housing Technology Challenge - India (GHTC-India) - January 2019

Construction Technology India (CTI) - March 2019

54 Global Construction Technologies Identified

6 Distinct Technologies shortlisted for Light House Projects

Compendium of 54 Technologies identified through GHTC-India & 84 Technologies under IHTM published

11 Pre- proto type technologies selected for incubation support under ASHA-India

**NAVARITI -
a certificate course on Innovative Construction Technologies**

LHP Chennai inaugurated by Hon'ble Prime Minister in May 2022

**RACHNA-
75 Trainings on innovative construction Technologies
& Thermal Comfort across the country**

Indian Urban Housing Conclave 2022



RATIONALE

Since inception of GHTC-India in 2019 and IHTM, various other innovative construction technologies, materials and processes may have been developed through R & D by various stakeholders across the world which may also be included for further adoption and mainstreaming in the domestic context.

Further, there is tremendous scope and interest among Innovators, Start-ups, Entrepreneurs, and Small & Medium Developers on use of Innovative and Alternate Construction Systems, Materials, Components and Processes for housing construction who may also be called on to showcase their products for cross learning and adoption.

Therefore, in order to widen the horizon and to bring technology transition in the construction sector for sustainable development, it is imperative to bring together all global and indigenous innovative technologies, materials and process shortlisted under GHTC-India as well as under IHTM and showcase them to the relevant stakeholders on a common platform.

The said platform will provide stakeholders a venue to demonstrate their technologies as well as deliberate upon various options of technologies, materials and processes for large scale adoption and mainstreaming in different type of housing construction suited to different Geo-climatic regions of the country.

INDIAN URBAN HOUSING CONCLAVE COMPONENTS



**INAUGURATION OF
LIGHT HOUSE PROJECT
RAJKOT, GUJARAT**



**NATIONAL EXHIBITION ON
INNOVATIVE CONSTRUCTION
PRACTICES**



**EXHIBITION ON
BEST PRACTICES
BY STATES/UTS
UNDER PMAY-U**



**THREE DAYS DELIBERATIONS
ON AFFORDABLE
HOUSING DISCOURSES**



**FELICITATION OF
PMAY(U) AWARDS
2021 WINNERS**

WHO CAN PARTICIPATE

**Proven Global
Innovative Technology
providers**

**Innovative/ Indigenous
Technology providers**

**State/UTs/
ULBs**

**Public/ Private Agencies
in Construction Sector**

**Relevant
Civil Society
Organizations**

**Innovative
Construction Tool/
Equipment providers**

**Innovative Material/
Components Providers**

**Professionals/
Architects/ Engineers**

**Local
Artisans/
Craftsmen**

**Public/
Beneficiaries**

**R&D/
Academic
Institutes**

**Innovators/
Start-ups/
Entrepreneurs**

EXPECTED OUTCOMES

► Technology Driven Houses

To provide safe, comfortable and innovative houses to 1,144 EWS LIG beneficiaries through Light House Project Rajkot, Gujarat.

► Shortlisted technologies

Readily available basket of shortlisted & approved innovative, rapid, climate resilience and disaster resistant technologies & materials suitable for different geo-climatic regions bringing paradigm shift in the construction sector.

► Enabling eco-system

To create enabling eco-system for further adoption, the shortlisted innovative technologies will be incorporated in Schedule of Rates (SoRs) and standards, receiving certifications and fast track approvals.

► Propagation of world best innovative construction technologies

Public/ Private Agencies, R&D and Technical institutions, Construction Agencies, Developers, Contractors, Start-ups and other stakeholders will get exposure to the world best innovative construction practices and knowhow unleashing business opportunities and skill upgradation in the construction sector.

► Access to innovative technologies to common public

Beneficiaries (house owners) will have access to innovative, rapid and cost-effective construction technologies and materials for use and thereby improved living conditions and environment with a sense of dignity.

Vision India@ 2047: Devising strategies, action plan and roadmap for achieving the vision of "Future Ready Urban India" focussed on urban housing during the Amrit Kaal.





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Government of India**

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