

**GOVERNMENT OF INDIA
MINISTRY OF HOUSING AND URBAN AFFAIRS**

LOK SABHA

UNSTARRED QUESTION NO. 1847

TO BE ANSWERED ON JULY 28, 2022

URBAN HOUSING PROGRAMME

NO.1847. SHRI ANURAG SHARMA:

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

- (a) whether Pradhan Mantri Awas Yojana-Urban (PMAY-U) is the one of the largest urban housing programmes in the world and if so, the details thereof;**
- (b) the total number of houses constructed and delivered to the needy people under PMAY-U since its inception and till date;**
- (c) the target set by the Government under 'Housing for All' initiatives for the next three years;**
- (d) the details of various technological and reformative measures taken by the Government to provide housing to urban poor in the country;**
- (e) the names of cities in which these technological and reformative measures have been initiated, city-wise; and**
- (f) the details of funds sanctioned and released by the Government under these new initiatives?**

ANSWER

THE MINISTER OF STATE IN THE

MINISTRY OF HOUSING AND URBAN AFFAIRS

(SHRI KAUSHAL KISHORE)

- (a) to (c): Yes, Sir. Ministry of Housing and Urban Affairs (MoHUA) is implementing Pradhan Mantri Awas Yojana – Urban (PMAY-U) 'Housing for All' Mission since 25.06.2015 for giving Central Assistance to States/ Union Territories (UTs) for providing all-weather pucca houses to all eligible urban beneficiaries. Based on the project proposals submitted by States/ UTs, so far more than 122 lakh houses have been sanctioned in all urban areas, out of which more than 101 lakh have been grounded**

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and more than 61 lakh have been completed/ delivered to the beneficiaries. Construction of such a large number of houses, makes it one of the largest urban housing programmes in the world.

- (d) to (f): A Technology Sub-Mission (TSM) under the PMAY-U Mission has been set up to facilitate adoption of modern, innovative and green technologies and building material for faster and quality construction of houses. TSM also facilitates preparation and adoption of layout designs and building plans suitable for various geo-climatic zones and assists States/ UTs/ Cities in deploying disaster resistant and environment friendly technologies.**

Following technological measures have been undertaken under TSM to promote innovative housing construction technology:

- i. 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, 54 innovative proven construction technologies were shortlisted from across the globe.**
- ii. Six Light House Projects (LHPs) consisting of about 1,000 houses each with physical and social infrastructure facilities are demonstrating construction of six distinct technologies shortlisted under GHTC-India. The objective of LHPs is to demonstrate the use of these technologies in the building construction industry which are rapid, sustainable, disaster resilient, cost-effective as compared to conventional construction system. The LHP at Chennai was completed and inaugurated by Hon'ble Prime Minister on 26th May 2022 and the remaining five LHPs are at an advanced stage of construction.**
- iii. Under PMAY-U, MoHUA has also initiated construction of 14 Demonstration Housing Projects (DHPs) across the country to orient housing practitioners, both from public and private sectors, field level implementation of new/ alternate technologies and create awareness among stakeholders (State/ UT/ ULB officials, technical professionals, builders, development agencies, academic institutions and others).**

iv. MoHUA has launched Affordable Rental Housing Complexes (ARHCs) as a sub-scheme of PMAY-U to provide dignified living to urban migrants/ poor near their workplace. This scheme is being implemented through two models as under:

a) Model-1: Utilizing existing Government funded vacant houses constructed under Jawaharlal Nehru National Urban Renewal Mission (JnNURM) and Rajiv Awas Yojana (RAY) to convert into ARHCs through Public Private Partnership (PPP) or by Public Agencies,

b) Model-2: Construction, Operation & Maintenance of ARHCs by Public/ Private Entities on their own available vacant land.

Under Model-1, 5,548 houses have been converted into ARHCs. Under Model-2, proposals for construction of 80,273 new ARHC units have been sanctioned which involves Technology Innovation Grant of ₹178.28 crore for use of innovative construction technologies.

MoHUA has initiated an online Enrolment Drive for all stakeholders as Technograhis to register themselves to visit these LHPs; learn the use of latest innovative, green and sustainable materials/ process/ technologies; innovate and adapt as per their local needs and contexts of new construction technologies to be adopted as 'Make in India'.

Further, to foster an environment of research and development in the country, MoHUA is conducting 'e-Learning sessions & webcasting of LHP's construction process' to disseminate knowledge about the technology, construction process, sustainability, and mass-cum-fast construction for faculty and students, technical professionals, start-ups/ entrepreneurs/ innovators.

MoHUA in partnership with Building Materials and Technology Promotion Council (BMTPC) and Deutsche Gesellschaft für International Zusammenarbeit (GIZ) is promoting green aspects and sustainability

in built environment and developing a thermal comfort action plan for climate resilient buildings for mass scale application. Under Azadi Ka Amrit Mahotsav, 75 RACHNA (Resilient, Affordable and Comfortable Housing through National Action) training programs are being organised by MoHUA in association with GIZ under “Indo-German Energy Programme” to spread awareness on the use of green and innovative technologies amongst Students/ Faculty members, Researchers, Practitioners, Government officials, Construction Workers/ Masons/ Artisans.

Under Affordable Sustainable Housing Accelerator – India (ASHA-India), five Incubation Centres have been set up at Indian Institute of Technologies (IITs) of Madras, Mumbai, Kharagpur, Roorkee and Council of Scientific and Industrial Research (CSIR), North East Institute of Science and Technology (NEIST), Jorhat to provide Incubation and Acceleration Support to potential future technologies.

An online course named NAVARITI (New, Affordable, Validated, Research Innovation Technologies for Indian Housing) has been started to enhance the capability of building professionals about the new and emerging building materials, technologies and processes for construction.

Indian Housing Technology Mela (IHTM) was organized to showcase the domestic indigenous and innovative technologies, building materials and construction processes for low & medium rise houses. 84 innovative technologies/ products/ materials were shortlisted under IHTM.

The project-wise details of LHPs, DHPs, ARHCs and ASHA-India along with funds sanctioned and released by the Government are at Annexure.

In addition, Government has taken various reformative measures to provide housing to urban poor in the country such as reduction in Goods and Service Tax, increase in limit of Priority Sector Lending for Affordable Housing Projects and setting up of Affordable Housing Fund in National Housing Bank. Further, regulations related to Floor Space Index/ Floor Area Ratio, change of land use, stamp duty charges/ transaction cost etc. are being regulated by States/ UTs. However, this Ministry has issued advisories to reduce the stamp duty charges on registration of Affordable Housing Projects under PMAY-U.

Project-wise details of LHPs, DHPs, ARHCs and ASHA-India along with funds sanctioned and released by the Government**(Rs. in Crore)**

S. No.	Projects	Cities of implementation	Funds Sanctioned	Funds Released
1.	LHPs	Chennai, Rajkot, Indore, Lucknow, Ranchi, Agartala	360.2400	288.1920
2.	DHPs	Nellore, Bhubaneswar, Bihar Sharif, Lucknow, Hyderabad, Panchkula, Agartala, Ahmedabad, Bhopal, Guwahati, Tiruppur, Ayodhya, Jammu, Dimapur	84.4659	54.6487
3.	ARHCs Model-2	Sriperumbudur, Hosur, Chennai, Raipur, Kampur Town, Prayagraj, Surat, Nizampet, Kakinada, Vishakhapatnam	178.2800	83.2600
4.	ASHA-India Centres	IIT Madras, IIT Kharagpur, IIT Roorkee and CSIR-CBRI, Roorkee	38.9427	15.5771