



INDIAN URBAN HOUSING CONCLAVE

2022

RAJKOT, GUJARAT

19-21 OCTOBER 2022

Session Partners:

Sessions at a Glance

Day 1

Wednesday, 19th October 2022

Inaugural Hall

02:00 pm - 05:00 pm	Registration
07:00 pm - 08:15 pm	Inauguration of Exhibition by Hon'ble Prime Minister
08:15 pm onwards	Felicitation of winners of PMAY-U Awards 2021 & Release of MoHUA publications

Day 2

Thursday, 20th October 2022

Inaugural Hall

10:00 am - 11:45 am	Plenary Session 1: Policy Dialogues for Beyond PMAY-U
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Board Room

11:45 am - 01:15 pm	Brainstorming Session 1: Multipronged Approaches to Slum (Re)development
01:15 pm - 02:00 pm - Lunch	
02:00 pm - 03:30 pm	Brainstorming Session 2: Formalizing Informal Settlements & Slums- Role of Planning, Policies and Financing
03:30 pm - 03:45 pm - Tea Break	
03:45 pm - 05:15 pm	Brainstorming Session 3: Global Approaches on Sustainable, Affordable, and Inclusive Housing

Hall 1

11:45 am - 01:15 pm	Thematic Session 1: Climate Smart Buildings - Focus on Thermal Comfort & Energy Efficiency in Affordable Housing
01:15 pm - 02:00 pm - Lunch	
02:00 pm - 03:30 pm	Thematic Session 2: Public-Private-People Partnerships (4Ps) for Inclusive & Sustainable Housing
03:30 pm - 03:45 pm - Tea Break	
03:45 pm - 05:15 pm	Thematic Session 3: Policy, Institutional and Financial Frameworks for Scaling of Slum Redevelopment Initiatives

Hall 2

11:45 am - 01:15 pm

Thematic Session 4: Role of Private Sector in Housing Ecosystem

01:15 pm - 02:00 pm - Lunch

02:00 pm - 03:30 pm

Thematic Session 5: Use of Innovative Technologies by Public and Private Agencies

03:30 pm - 04:00 pm - Tea Break

04:00 pm - 06:15 pm

Thematic Session 6: Mainstreaming of Innovative Construction Technologies – Initiatives and Way Forward



Day 3

Friday, 21st October 2022

Inaugural Hall

10:00 am - 11:30 am

Plenary Session 2: Learnings from PMAY(U)- Best Practices from States

11:30 am - 11:45 am - Tea Break

11:45 am - 01:00 pm

Valedictory and Closing Session chaired by Hon'ble Minister of State (HUA)

- Release of MoHUA publications
- Felicitation of winners of Poster Competition and Exhibitors

01:00 pm onwards - Lunch

**NOTE: Poster competition and TEC to continue
in the exhibition area on Day-2 & 3**



Plenary Session - 1 : Policy Dialogues for beyond PMAY(U)
20th October 2022 | 10.00 am to 11.45 am | Inaugural Hall

MoHUA has been putting conscientious efforts in addressing the rising needs of citizens in rapidly growing cities and towns. While PMAY (U) aimed to provide Housing for All adopting the cafeteria approach through four verticals, there is still a long way to go before the housing deficit of the country is addressed completely. Hence, there is a strong need to deliberate and brainstorm with respective State/UT Governments and domain experts of the urban sector for devising strategies for slum redevelopment, prevent future growth of slums and also seek ideas and suggestions about the future of affordable housing policies in India.

With this objective, MoHUA created a platform for dialogues with national and international development institutes, civil society organisations, academic & research institutions and respective State/UT Governments for exchange of strategic, tactical and implementation ideas for policy measures beyond PMAY(U). So far, the Ministry has conducted 19 policy dialogues with multiple organisations. These dialogues have not only created an open platform for idea exchange but also brought forth new and innovative perspectives in the field of affordable housing. As a step forward, the culminating dialogue is proposed.

Chair



Sh. Manoj Joshi
Secretary,
MoHUA

Moderator



Sh. Kuldip Narayan
JS&MD (HFA),
MoHUA



Sh. Amrit Abhijat
Principal Secretary, Urban Development,
Government of Uttar Pradesh



Dr. N Shridharan
School of Planning & Architecture
Bhopal



Ms. Parul Agarwala
Country Programme Manager,
UN-Habitat India



Ms. Shikha Srivastava
Head, Urban Habitat & Migration,
TATA Trusts



Ms. Renu Sood Karnad
Managing Director,
HDFC Bank



Sh. Gautam Bhan
Senior Fellow,
IIHS

Brainstorming Session - 1 : Multipronged Approaches to Slum (Re)development
20th October 2022 | 11.45 am to 01.15 pm | Board Room

With significant population growth, while cities have expanded infrastructure, but rarely been ahead of the demand, specially affordable housing. Limited options are then available to the low-income segment, often leading to an increase in slums and squatter settlements. With every sixth Indian living in slums and 65 percent of our urban centres being a slum, slum upgrading or relocation programmes and projects are not unknown to the country. The 'sites and services' approach devised by the World Bank in Chennai, India in 1972 is one such approach where the focus shifted from supplying a fully serviced house to that of providing only serviced land. "Sweat equity" and other resources of the beneficiaries in the actual construction of the house was used instead. With the above in mind, this session intends to give spotlight to the new and innovative elements in slum upgrading that ensure a green, healthy, economically prosperous, and equitable future to all. It also will attempt to unpack relocation and draw attention to key questions such as:

1. What elements should a comprehensive slum upgrading programme entail? What benefits do public spaces and streets bring for transformation within the settlements?
2. What are new and cutting-edge elements that will ensure these upgraded slums have a sustainable future? How can we include green jobs within the upgradation agenda?
3. How do we create context-specific engagement processes and establish local partnerships to involve the informal settlement dwellers?
4. Is relocation of slums a cost-effective answer or the only solution? What are other solutions and what benefits would they bring, for example ensuring livelihood continuity and socio-economic safety nets?
5. Are there opportunities to convert under-utilized urban land, urban regeneration as well as assessment of available under-utilized housing.

Chair



Sh. Kuldip Narayan
JS&MD (HFA),
MoHUA

Moderator



Ms. Mansi Sachdev
Senior Urban Planner,
UN-Habitat



Sh. Jafar Malik
Executive Director
Kudumbshree, Kerala



Sh. Patrick Canagasingham
Chief Operating Officer
Habitat for Humanity



Ms. Kerstin Sommer
Project Manager &
Human Settlement Officer
UN-Habitat



Sh. R.D. Padmakumar
Resource Person
Laurie Baker Centre
for Habitat Studies



Ms. Manimekalai
Senior Planner
Tamil Nadu Urban Habitat
Development Board (TNUHDB)

**Brainstorming Session - 2 : Formalizing Informal Settlements & Slums-
Role of Planning, Policies & Financing | 20th October 2022 | 2.00 pm to 3.30 pm | Board Room**

This session designed as an interactive and moderated conversation where the speakers will share their responses to a set of key questions aimed at gaining an in-depth perspective on the theme. A few key questions are:

1. Slum networking/Integration as an idea has been around for a while now. But why is it that this idea has seen very limited successes and has not been able to scale up as was envisaged?
2. How can informal settlements be 'networked' and 'integrated' within the city since many are located along infrastructure corridors?
3. What are some mechanisms by which slums, and informal settlements can be encouraged to pay for the municipal services?
4. What are socio-economic implications of introducing fees for municipal services on slums/informal settlement households?
5. What are the models/mechanisms in lieu of municipal service provision in slums/informal settlements?
6. How can green/sustainable innovations/nature-based solutions help in creating new (affordable/durable) models of infrastructure provision to these overlooked areas?
7. How can infrastructure and service provision provide opportunities for local economic development, socio-economic empowerment and ultimately a reduction of poverty?
8. How can the well-being of the communities be achieved while providing a sustainable financing model for urban local bodies to meet the scale needed?

Chair



Sh. Rakesh Shanker
Secretary, Housing
Government of Gujarat

Moderator



Dr. Barsha Poricha
Technical Head,
Centre for Urban and
Regional Excellence (CURE)



Ms. Banashree Banerjee
Independent Architecture &
Planning Professional



Ms. Amita Bhide
Professor,
Centre for Environmental Health, TISS



Sh. Anshu Sharma
Co-Founder,
SEEDS



Ms. Darshini Mahadevia
Professor & Associate Dean, Arts,
Ahmedabad University



Sh. Vishal Singh Chouhan
Municipal Commissioner,
Dewas, Madhya Pradesh

Brainstorming Session - 3 : Global Approaches on Sustainable, Affordable, and Inclusive Housing | 20th October 2022 | 03.45 pm to 05.15 pm | Board Room

The challenge of providing enough good affordable housing is a problem facing all countries today, and particularly cities that are the fastest growing. The problem for policy makers is to know where best to intervene, given competing demands on resources and legislative time. It therefore should help to indulge in dialogues with stakeholders from a range of approaches and their strategies chosen for their similarities to the situations in many developing countries, as well as for the different approaches they have adopted.

However, it should be noted that there are also surprising similarities between the cases themselves. Many strategies such as the proactive role played by local authorities in developing new settlements, the use of cooperatives in management, and the mix and balance of tenures and housing types emerge time and again and provide a great number of lessons to be learned for the Indian context.

Chair



Ms. Sejal Patel
Professor and Program Chair,
CEPT University

Moderator



Ms. Mansi Sachdev
Senior Urban Planner,
UN-Habitat



Ms. Monika Glinzler
Director of International Relations,
Department Of Human Settlements
Republic Of South Africa



Sh. Hong Soo Lee
Senior Urban Specialist,
Sustainable Development and
Climate Change Department,
Asia Development Bank (ADB)



Dr Lana Winayanti
Former Director General for Housing Finance,
Ministry of Public Works and Housing,
Republic of Indonesia



Sh. . Ahila Ganesan
Senior Director,
ThinkCity Malaysia



Ms. Pooja Nandy
Fellow
HUDCO's HSMI



Sh. Vijay Anadkat
Program Senior Fellow
Sustainable Cities & Transport, WRI



Ms. Namrata Kapoor
Senior Consultant
Academics & Research,
IHS



Sh. Washington Fajardo
Architect and Urbanist,
Former City Planning Commissioner
Municipality of Rio de Janeiro



Sh. Gireesh Singh
Director,
Rising Japan

Thematic Session - 1 : Climate Smart Buildings - Focus on Thermal Comfort & Energy Efficiency in Affordable Housing | 20th October 2022 | 11:45 am to 01:15 pm | Hall 1

The building sector is second largest consumer of electricity in India. The growing economy of our country, rapid urbanization, and massive construction activity across the country will lead the exponential rise in our need of pucca houses and its associated energy needs. To provide housing for all, India is running one of the biggest social housing programs - Pradhan Mantri Awas Yojana (PMAY-U). It is a flagship initiative of the Government of India that aims to provide around 122 lakhs Affordable Housing. It is important to note that houses once built last for at least 50-60 years and thus have the potential to impact resources usage during its life span. Thus, it is very important to ensure that these constructions are energy efficient as well as thermally comfortable.

Energy efficiency in affordable housing plays a very critical role and needs action across building design, construction, material selection, and operational optimization. It's important to focus on low-cost design solutions, passive measures, low-energy comfort systems etc to ensure a sustainable and affordable solutions to the habitants of affordable housing. In addition to the energy efficiency, thermal comfort in affordable housing is most important. Massive efforts are given by the government to provide a pucca house to all but it is important to ensure these houses are thermally comfortable with least dependency on active measures to meet the need of cooling or heating of indoor spaces. This will not only reduce the need of purchasing expensive equipment by the habitant of affordable housing but also ensure a sustainable and low-carbon building operation.

Chair



Sh. Hitesh Vaidya
Director
NIUA

Moderator



Sh. Vikash Ranjan
Domain Expert



Ar. Andreas Binkert
2000-watt
Smart City Association



Ar. Suhasini Ayer
Auroville Design Consultant



Dr. Saket Sarraf
PS Collective



Ms. Bijal Brahmbhatt
SEWA MHT



Sh. Yash Shukla
Professor
CEPT, University



Sh. Akshima Ghatge
Managing Director,
Rocky Mountain Institute- India

Thematic Session - 2 : Public-Private-People Partnerships (4Ps) for Inclusive & Sustainable Housing 2.00 pm to 3.30 pm | Hall 1

This session will explore how cities can work with different players to incentivize provision of well-located affordable housing units and ensure an equitable future to the community. Some key questions that this session, organized as a panel discussion will attempt to answer are:

- What are some new and transformative approaches that the private and public sector can take to ensure that the vulnerable sections of the society get access to affordable housing?
- Who are the actors that can participate in building an equitable future while ensuring their interests as well?
- What are mechanisms to engage communities and what role can community play in the different approaches to sustainable, affordable, and safe housing?
- Are there examples of 'people as a resource' where local solutions have benefited the community and the city as a whole?

Chair



Sh. Hitesh Vaidya
Director
NIUA

Moderator



Ms. Parul Agarwala
Country Programme Manager,
UN-Habitat India



Sh. Amit Arora
Municipal Commissioner
Rajkot



Dr. Renu Khosla
Director,
CURE



Sh. Ian Shapiro
CEO,
Reall



Ms. Francesca Lionetti
Associate Expert
Housing Rights, Diversity & Inclusion,
UN-Habitat



Sh. Pratima Joshi
Executive Director
Shelter Associates



Sh. Harpal Dave
Assitant Town and Country Planner,
Town and Country Planning
Organisation



Ms. Sarika Chakravarthy
Senior Sector Coordinator
NIUA

Thematic Session

**Thematic Session - 3 : Policy, Institutional, and Financial Frameworks for Scaling of Slum
Redevelopment Initiatives | 20th October 2022 | 03.45 pm to 05.15 pm | Hall 1**

Addressing the challenge of existing slums and future need for affordable housing in urban India must adopt a “systems approach” based on a set of core principles that lend to a systematic change with long term vision for driving transformation at all levels. To deliver “adequate housing” at scale in India requires a comprehensive systems approach that offers flexibility to respond to the changing urban dynamics in cities and communities. Three pillars encapsulate the proposed Systems Approach: (i) Integration: sectoral and institutional integration; (ii) Holistic planning and governance, and (iii) Partnerships for financing. A systems approach acknowledges that given the urban diversity in India, the conventional “one-size-fits-all” rationale must be replaced with a “fit-for-purpose” intent in design and implementation of policies and programmes.

- What are the new and transformative approaches that can be taken to address the housing needs of the most vulnerable groups? How can progressive urban housing programmes be scaled up?
- An impact-oriented governance requires successful convergence of mandates and responsibilities of multilateral organizations, national and sub-national governments, and networks of local governments, and organization. What interventions are necessary for multi-level institutional reforms to be pro-equity to slum upgrading and preventing slums?
- What are the new and emerging partnerships for social equity-oriented financing? How can the risks of privatization of public goods with engagement of non-state actors and other types of external donors be minimized and mitigated?
- What policies/procedures can be put in place to ensure such frontier technologies are aligned with the universal values?

Chair



Sh. Manish Singh
PS (UA& D)
Madhya Pradesh

Moderator



Ms. Parul Agarwal
Country Programme Manager,
UN-Habitat India



Sh. Arthit Tangtasawad
Senior Architect,
Community Organization
Development Institute (CODI)



Ms. Lajana Manandhar
Executive Director,
LUMANTI, Asian Coalition for
Housing Rights (ACHR)



Ms. Sri H. Sofjan
Senior Program Administrator
& Strategist,
Huairou Commission



Sh. Sanjay Joshi
Senior General Manager & Head,
Affordable & Green Housing,
HDFC Ltd.



Dr. Yan Zhang
Senior Urban Specialist and
Coordinator for Housing
World Bank



Sh. Abhijit Shankar Ray
Senior Urban Specialist,
World Bank



Sh. Vishal Goyal
General Manager
National Housing Bank



Sh. Duk Hwan Son
Senior Programme Officer
UN-Habitat



Dr. N Shridharan
School of Planning & Architecture
Bhopal

Thematic Session - 4 : Role of Private Sector in Housing Ecosystem
20th October 2022 | 11.45 am to 01.15 pm | Hall 2

The session aims to highlight the role played by private sector in the delivery of housing. Considering the continuously changing housing demand, there exists tremendous opportunities for the private sector. However, the role of the government is to facilitate the private sector and create an eco-system where housing delivery can reach the last mile with an active participation of the private sector. The session aims to create a platform for dialogue between the public and private sector in order to create a self-conducive and sustainable housing future for the country.

Chair & Moderator



Sh. Dinesh Kapila
Economic Advisor,
MoHUA



Sh. Harsh Vardhan Patodia
President,
CREDAI



Sh. Jaxay Shah
CMD,
Savvy Infrastructure



Sh. Suresh Patel
President,
NAREDCO, Gujarat



Sh. Kishore Bhatija
MD
Raheja Corp.



Sh. Pankaj Kapoor
Managing Director,
Llases Foras



Sh. Santhosh Kumar
Group Vice Chairman
ANAROCK

Thematic Session - 5 : Use of Innovative Technologies by Public and Private Agencies
20th October 2022 | 03.30 pm to 04.45 pm | Hall 2

Public and private sector have been using innovative construction systems and materials for their projects. Under Pradhan Mantri Awas Yojana (Urban) more than 1.5 million houses are being constructed using innovative construction technologies.

The session will deliberate on the innovations being used by the agencies and road blocks being faced. The session will also dwell upon the lessons learnt and pros and cons of innovative technologies being used. How effectively the use of innovative technologies be upscaled will be discussed in the session along with feedback from the agencies regarding these innovative systems.

Chair



Sh. Hitesh Makwana
Principal Secretary,
Government of Tamil Nadu

Moderator



Dr. Shailesh Kr. Agarwal
Executive Director
BMTPC



Er. Shailendra Sharma
Director General,
CPWD



Er. Amit Barde
L&T



Shri Aditya VS
Tvasta,
Chennai



Prof. Brijesh Bhatha
CEPT University



Sh. Jignasu Mehta
CEO,
Outinord



Sh. Ajay Shah
CEO,
Mitsumi Housing
Private Limited



Sh. Yogesh Aychitte
Sr. General Manager,
BG Shirke Construction
Technology PVT LTD

Thematic Sessions

Thematic Session - 6 : Mainstreaming of Innovative Construction Technologies & Initiatives - Way Forward
20th October 2022 | 4.00 pm to 6.15 pm | Hall 2

There have been many innovations in the area of building materials and components and being implemented successfully over the years using local materials, skill, know-how and practices in our country. With fast pace of urbanisation, it is of paramount importance that the future construction in the country is sustainable, affordable and green suiting to different geo- climatic regions of the country and also in line with climate change mitigation strategies being practiced world over.

With the clarion call given by Hon'ble Prime Minister on AtmaNirbhar Bharat and Vocal for Local, it is opportune time to take stock of these innovations, create enabling eco-system, build entrepreneurship and mainstream them in the construction sector specially for low and mid-rise construction. In order to mainstream innovations in the construction sector, the organisations under MoHUA i.e., BMTPC and CPWD are working towards certification of such innovations and inclusion in SORs. BIS is also roped in along with other line departments for wider applicability of the new materials and technologies. The session will stock of these initiatives along with what is required to be done for wider replication of such technologies in the sector.

Chair



Sh. Durga Shanker Mishra
Chief Secretary,
Uttar Pradesh

Moderator



Sh. Kuldeep Narayan
JS&MD (HFA),
MoHUA



Ms. Prof. Meher Prasad
IIT Madras



Dr. Ashok Kumar
Professor,
CBRI



Dr. Sejal Patel
Professor and Program Chair,
CEPT University



Er. Shailendra Sharma
Director General,
CPWD



Prof. Subrata Chattopadhyay
IIT Kharagpur



Sh. Dipan Shah
SEP,
Ahmedabad, NGO



Sh. Siddharth Sharma
SGC Magicrete,
LHP Ranchi



Sh. Sanjay Pant
Deputy Director General,
BIS



Sh. Sanjay Seth
CEO,
TERI GRIHA



Prof. Gaurav
IIT Gandhinagar



Col (Dr) Pawan Pandey
Military Engineering Services



Prof. Y. Singh
IIT Roorkee



Dr. P.N. Ohja
NCCBM

Plenary Session - 2 : Learnings from PMAY(U)- Best Practices of States
21st October 2022 | 10.00 am to 11.30 am | Inaugural Hall

Since land and colonisation are state subjects as per the Constitution, States/UTs have been constantly innovating and evolving approaches to provide affordable housing for the urban poor in our cities. Pradhan Mantri Awas Yojana (Urban) is being implemented by MoHUA since 2015 through States/UTs.

The session aims to bring out the innovative policy, finance, administrative, planning, construction technology, sustainable construction practices undertaken by States/UTs to facilitate the implementation of PMAY(U). The learnings from the session will be helpful for recognising and formulating the future of housing policies/programmes in the country. Overall, it will aim to answer questions like:

- What have been the innovative best practices adopted by States/UTs in giving fillip to the implementation of PMAY(U)?
- How has the implementation mechanism of the Mission varied from State-to-State?
- How has the Mission helped answer the local housing issues of the States/UTs?
- What are the limitations faced by States/UTs in the implementation of the Mission?

Chair



Sh. Amitabh Kant
G 20 Sherpa

Moderator



Sh. Kuldip Narayan
JS&MD (HFA),
MoHUA



Sh. G. Mathivathanan
Principal Secretary (H&UD),
Odisha



Sh. Manish Singh
Principal Secretary (UA&D),
Madhya Pradesh



Sh. Ajay Jain
Special Secretary (Housing),
Andhra Pradesh



Dr. Sharmila Mary Joseph
Principal Secretary (LSGD),
Kerala



Sh. Hitesh Makwana
Principal Secretary (H&UD),
Tamil Nadu



Ms. Mitali Namchoom
Secretary (Urban Development),
Arunachal Pradesh



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