NEW URBAN INDIA
Promoting Technology & Innovations in Housing
Expo-cum-Conference
27-29 March, 2020 | Vigyan Bhawan, New Delhi

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1cr+ houses of PMAY(U) comprises of about 60% individual houses through BLC vertical

Requirement of building materials and construction technologies is different for BLC and mid-rise houses

Innovations and research with respect to construction technologies, processes and building materials/components for small/mid rise houses are being taken up and requires upscaling

Existing sustainable technologies/materials requires wider advocacy and better outreach

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New Urban India: Promoting Technology & Innovations in Housing, Expo-cum-Conference is being organized for Promoting local materials, skills & construction techniques with latest know how & innovations for low rise up to three storey construction to achieve affordability, sustainability, disaster resilience facilitating faster construction
When, Where & How?

When?
Day 1 (27th March 2020)
• Inauguration by Hon’ble PM
• Technical Sessions
• Exchange of Knowledge and Business
• Training and Capacity Building Sessions
• Master Classes
Day 2 (28th March 2020)
• Technical Sessions
Day 3 (29th March 2020)
• Exhibition for Public

Where?
• Vigyan Bhawan, New Delhi

How?
• Issue based Deliberations/ Technical Sessions
• Exhibition: Audio: visual gallery, digital interfaces, PMAY (U) display
• Advocacy, wider outreach and confidence building
• Showcasing Prototype Model houses
• Preliminary screening
• Evaluation and Shortlisting
• Region wise grouping
• Compendium/ Manual
• Regional Training
Who?

- Innovators, Start-ups, Entrepreneurs
- Innovative materials/component Providers
- Innovative/Indigenous Technology Providers
- Professionals
- Civil Society Organizations dealing with the subject
- Innovative Tools and equipment Providers
- Contractors/Developers
- Public/Private Agencies
- Institutions
- Public/Beneficiary
New Urban India: Promoting Technology & Innovations in Housing

**COMPONENT 1**
National Expo & Conference

- **Exhibition**
  - Of Innovative and Sustainable Construction Technologies, Materials and Components
  - For Low & Mid-Rise Structures for Affordable Housing Networking Sessions
  - Promotion, Sales & marketing Audio-visual Demonstration
  - Exchange of Knowledge & Business Training & Capacity Building Seminars/Panel Discussions.

**COMPONENT 2**
Screening & Shortlisting

- **Screening**
  - Detail Technical Evaluation

- **Shortlisting**
  - Appropriate for different geoclimatic regions
  - Cost-effective, Energy Efficient, Environment-Friendly, Disaster Resilient
  - Sustainable with specific focus on use of locally available skills and resources

**Region Wise Grouping**
Shortlisted Technologies and Materials
4C- Strategy

**COLLECT**
Nationwide call to invite applicants, collect details of their previous work learnings, financial details and replication models.

**COLLATE**
Assessment of application on parameters of technical viability, suitability, cost effectiveness & other factors.

**CATEGORISE**
Grouping of applications as per their region/context specific for use by States/UTs stakeholders and beneficiaries.

**CONNECT**
Showcasing and disseminating to all relevant stakeholders for further learning and adoption.
Expected Outcomes

- **Readily Available Empanelled Technologies/Materials**
- **Compendium of Technologies Circulated to all States/UTs**
- **States to be Facilitated for Adoption** (Inclusion in circulars, specifications, SORs, tender documents)
- **Training & Capacity Building**
  - Regional Training on use of such Shortlisted Innovative Technologies & Materials
- **Supporting to Post-prototype Technologies through ASHA-India**
- **Adopting the Shortlisted Technologies for Demonstration Housing Projects**
- **Felicitation of shortlisted Technologies in CTI-2021: 2nd Biennial Expo-cum-Conference**
Thank You