



# GLOBAL HOUSING TECHNOLOGY CHALLENGE INDIA

- By -

**Durga Shanker Mishra**

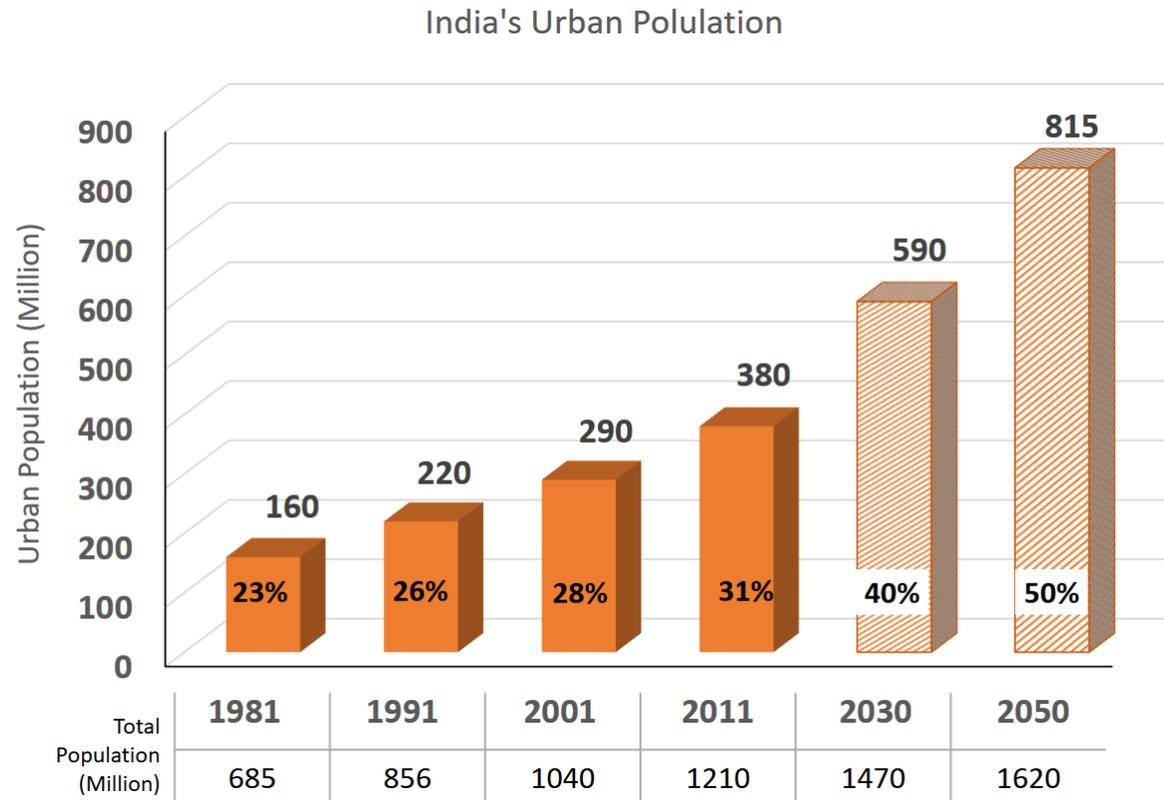
Secretary

Ministry of Housing & Urban Affairs

Govt. of India, New Delhi

**14<sup>th</sup> January, 2019**

# Growing Opportunities with Rapid Urbanization

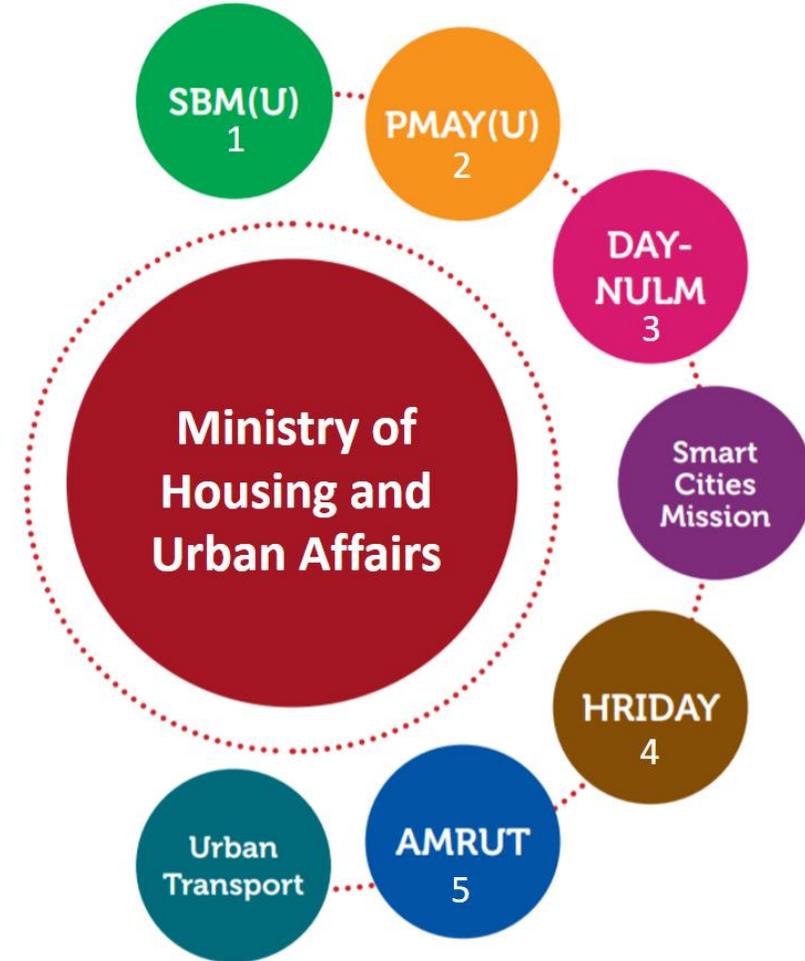


*Source: UN report on World Urbanisation Prospects (2014 revision)*

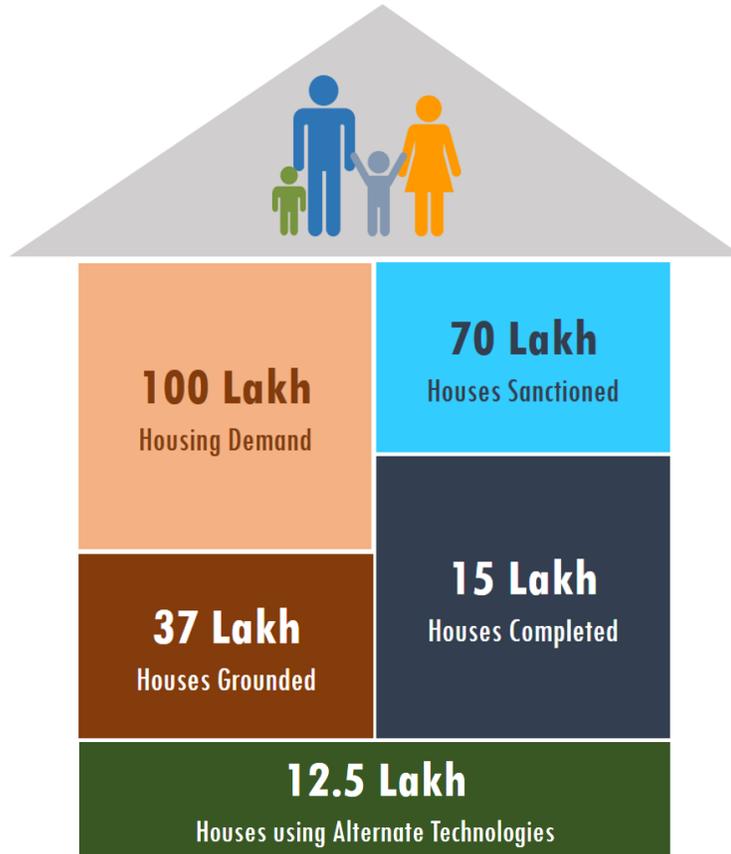
- With US \$2.85 trillion GDP, India is one of the largest and fastest growing economies in the world. It is witnessing massive public investment, robust private consumption, and structural reforms leading to rapid growth (> 7%).
- The construction is emerging as the third largest sector globally; may reach US \$738.5 billion in value by 2022.
- The cities which will contribute over 80% to GDP by 2050 need to be Receptive, Innovative and Productive to foster sustainable growth and ensure better quality of living.
- Hence, a comprehensive strategy of 3-S Mantra is needed: **Skill, Scale and Speed**

# MoHUA Initiates for Urban Renaissance

The flagship Missions under the Ministry of Housing & Urban Affairs (MoHUA) aim to achieve transformative, inclusive and sustainable development through planning and reforms for achieving Urban Renaissance.



# Why is This Challenge ?



<b>BLC*</b>	<b>39 Lakh</b>
<b>AHP*</b>	<b>23 Lakh</b>
<b>ISSR*</b>	<b>4.5 Lakh</b>
<b>CLSS*</b>	<b>3.5 Lakh</b>

- For addressing the huge housing demand, Govt. of India launched **Pradhan Mantri Awas Yojana-Urban** in June 2015.
- Nearly 10 Million affordable houses are to be delivered by 2022.
- Construction of houses at this scale offers an **opportunity to attract alternative and innovative technologies from across the globe** to trigger transition through introduction of cutting-edge building materials, technologies and processes.
- Hon'ble Prime Minister desired to leverage this opportunity to get the best globally available construction technologies through a Challenge to enable paradigm shift in the construction sector.
- Accordingly, through wide consultation with various stakeholders, **Global Housing Technology Challenge-India (GHTC-India)** has been conceptualized.

# What is This Challenge ?



## Grand Expo- Cum- Conference

- Biennial Event
- Promotion of Innovative Construction Technology
- Platform to Facilitate Signing of MoUs and form Potential Partnerships
- Technical Evaluation
- Exchange of Knowledge and Business
- Exhibition Space



## Proven Demonstrable Technologies

- Onboard States & Local Support Partners
- Induct Established Technologies from Across the Globe
- Technical Evaluation - TEC
- Identify Basket of Technologies
- Site specific Technologies
- Six Lighthouse Projects
- Live Laboratories

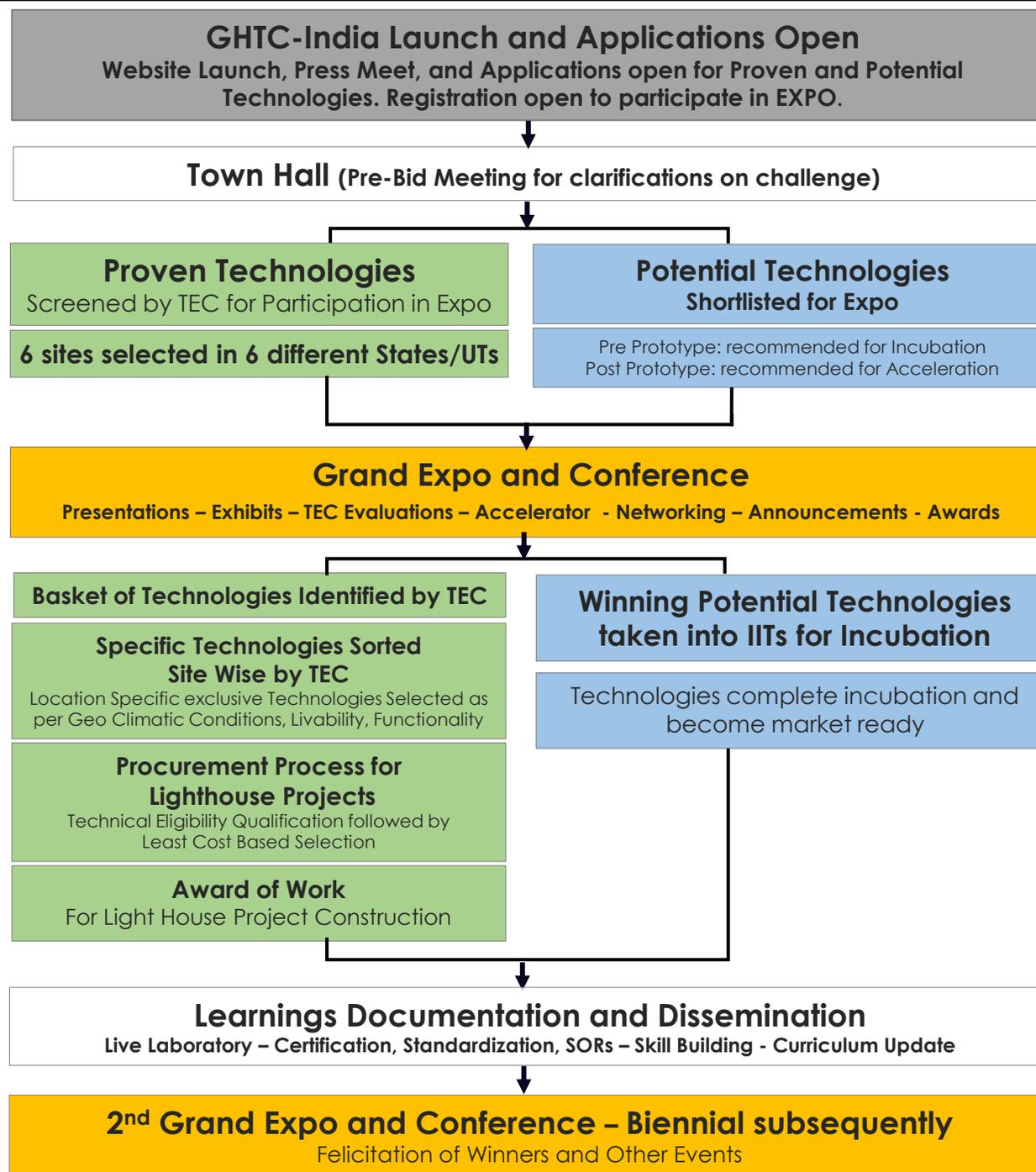


## Potential Future Technologies

- Setting up **ASHA- India** (Affordable Sustainable Housing Accelerators)
- Support Domestic Technologies by Product Development, Mentoring & Market Support
- Incubation Centres in IITs
- Periodic Accelerator Workshops

**GHTC-India will create a holistic and enabling eco-system to facilitate construction technology transition and mainstream it in the country.**

# The Challenge



# When is This Challenge ?





Thanks