

Interactive Session with Heads of Missions on



GLOBAL HOUSING TECHNOLOGY CHALLENGE INDIA

- By -

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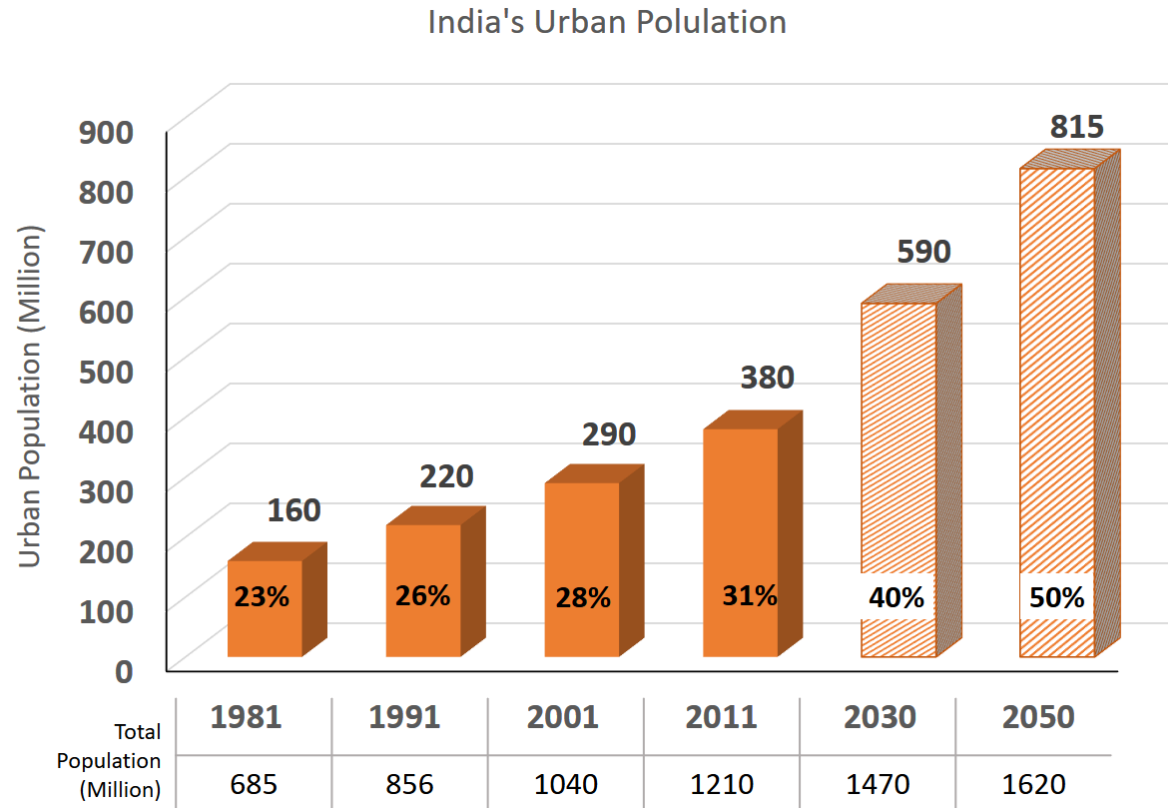
Secretary

Ministry of Housing & Urban Affairs

Govt. of India, New Delhi

21st January, 2019

Growing Opportunities with Rapid Urbanization

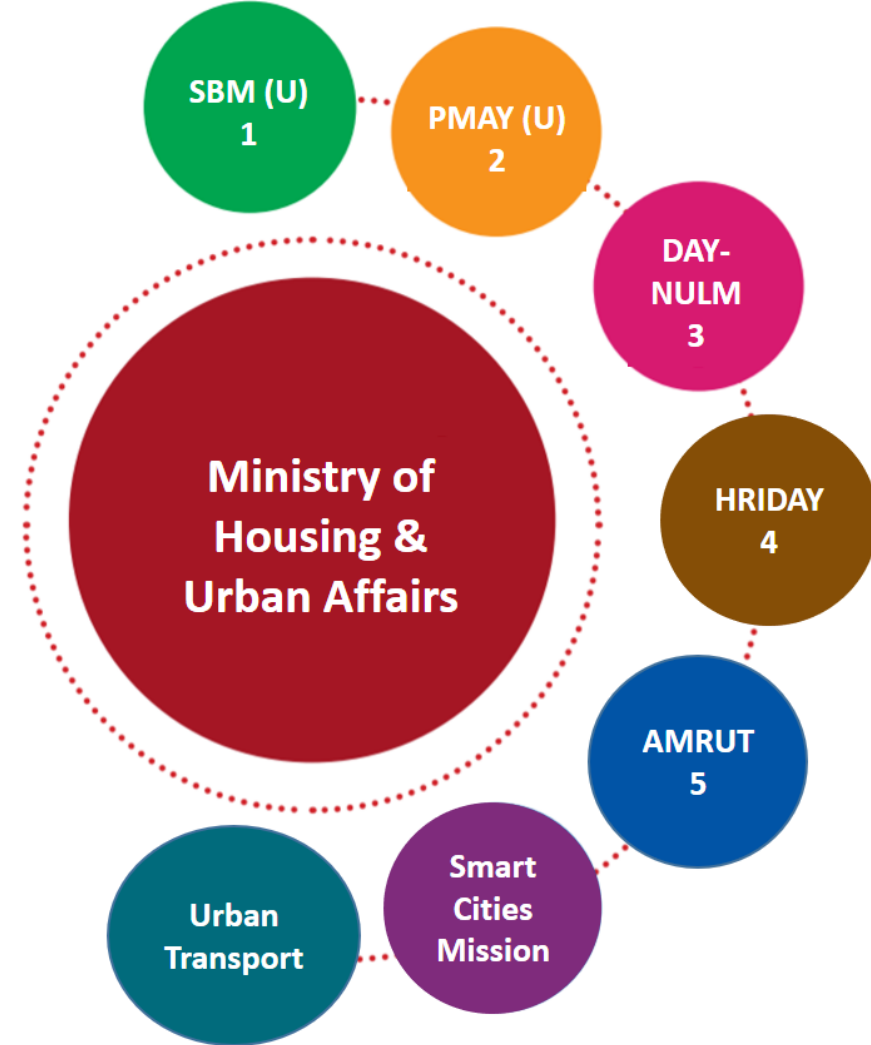


Source: UN report on World Urbanisation Prospects (2014 revision)

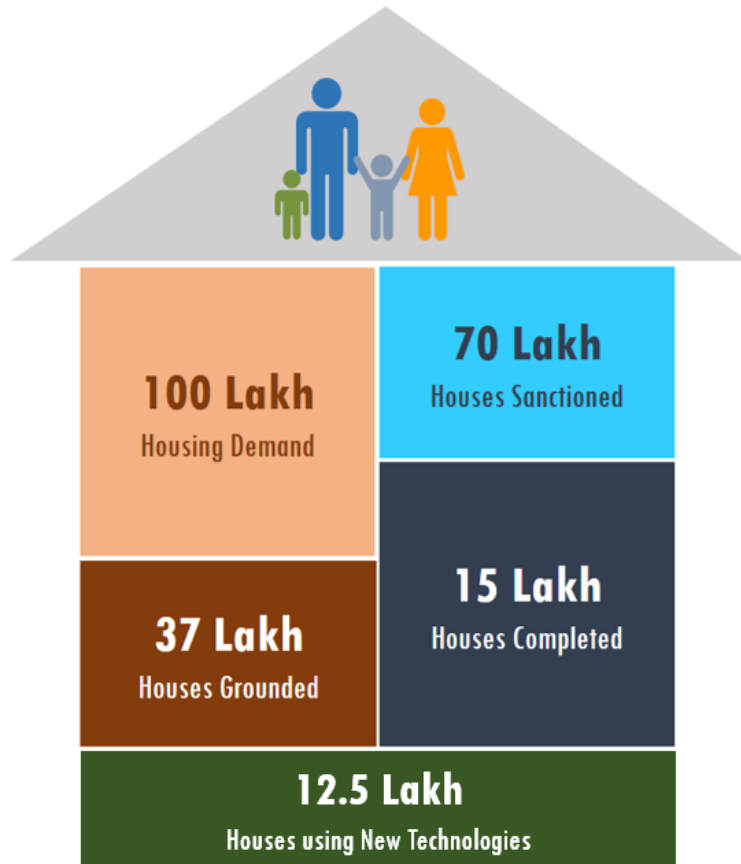
- With US \$2.85 trillion GDP, India is one of the largest and fastest growing economies in the world. It is witnessing massive public investment, robust private consumption, and structural reforms leading to rapid growth ($> 7\%$).
- Construction in India is emerging as the third largest sector globally; it may reach US \$750 billion in value by 2022.
- 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** has been adopted: **Skill, Scale and Speed**.

MoHUA Initiates for Urban Transformation

Flagship Missions under the Ministry of Housing & Urban Affairs (MoHUA) aim to achieve **Transformative, Inclusive** and **Sustainable** development through planning, development and reforms for achieving Urban Transformation.



Challenge - Why?



BLC*	39 Lakh
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AHP*	23 Lakh
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ISSR*	4.5 Lakh
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CLSS*	3.5 Lakh
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- For addressing the huge housing demand in Affordable Sector, 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 new 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.

Challenge - What?



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 of Technologies



Proven Demonstrable Technologies

- Onboard States & Local Support Partners
- Six Lighthouse Project Sites
- Induct Established Proven Technologies from Across the Globe
- Identify Basket of Site-specific Technologies
- Different Technology for Each Site
- Live Laboratories for Learning
- Technology to be Adopted in Curriculum and Indian System

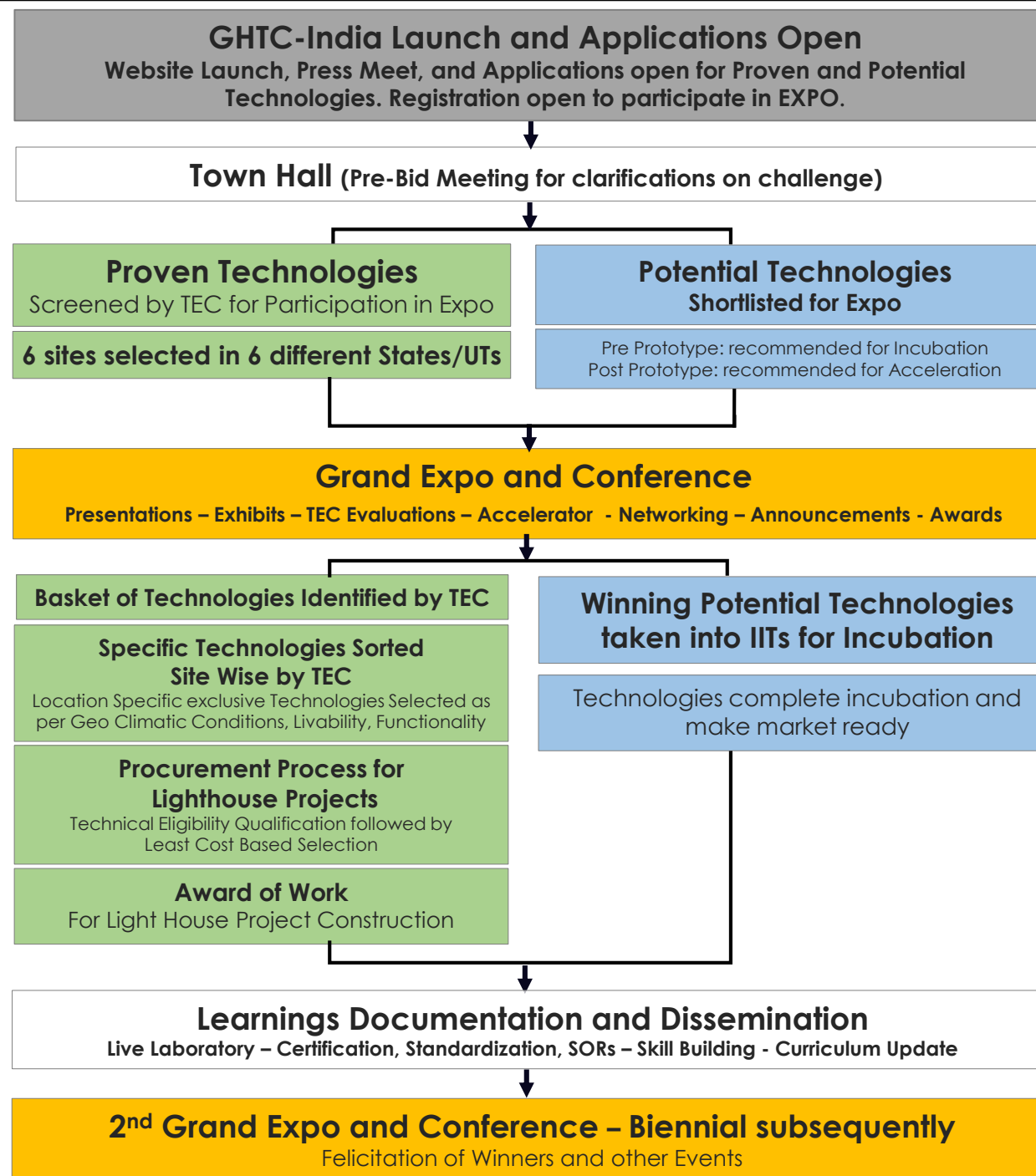


Potential Future Technologies

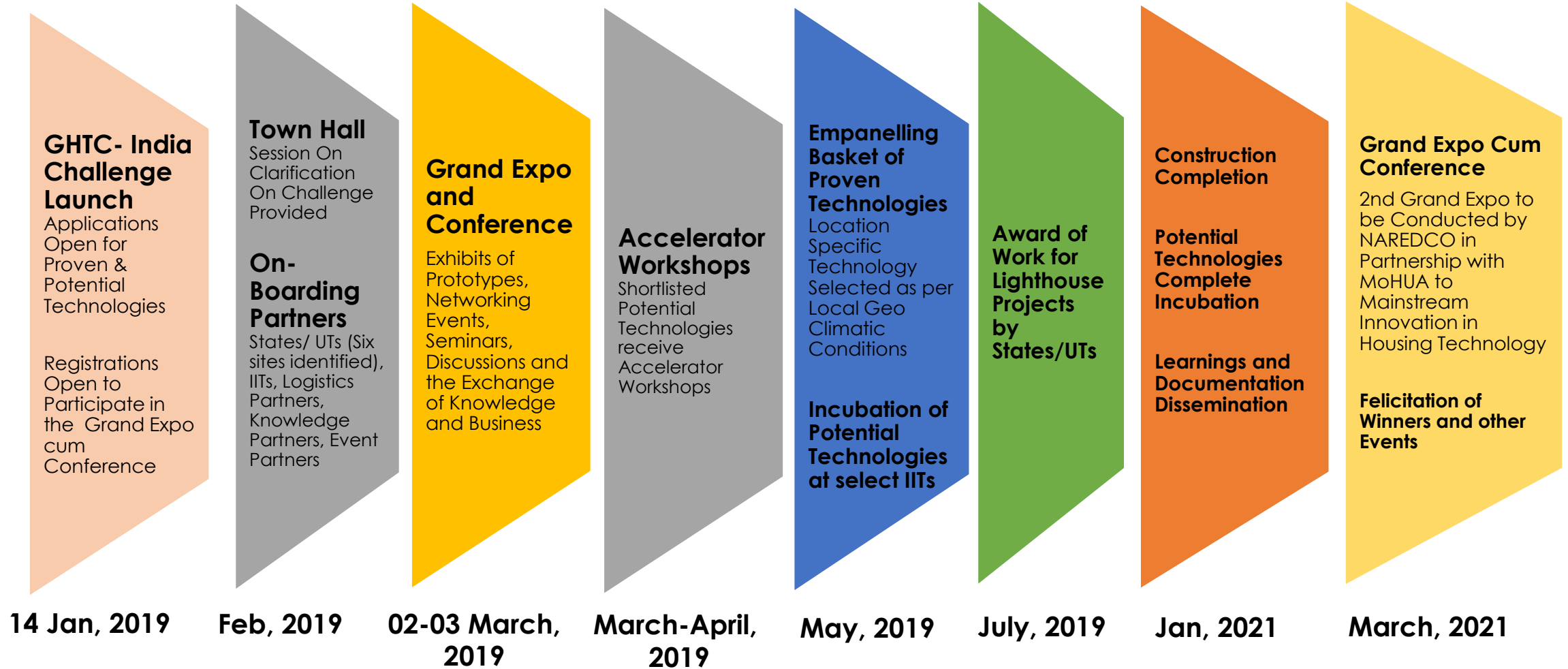
- Setting up **ASHA- India** (Affordable Sustainable Housing Accelerators)
- Support Domestic Technologies by Product Development, Mentoring & Market Support
- Incubation Centres in IITs
- Organizing Periodic Accelerator Workshops

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

Challenge - How?



Challenge - When?



Challenge Participant - Who?

- Construction Entity having delivered one of the following multi-storeyed affordable housing projects (carpet area ≥ 30 sqm for each house) during last 5 years using resource efficient green technology reducing cost and time:
 - a) *Three completed projects of 400 or more affordable houses at one place each.*
 - b) *Two completed projects of 500 or more affordable houses at one place each.*
 - c) *One completed project of 800 or more affordable houses at one place.*
- Entity whose technology has been successfully employed and proven in delivering constructions as above.
- List of possible entities from our research is [shared](#).

Challenge Participation - Why?

- Exposure to large scale rapidly growing Indian Market
- Central/ State Government support this technology transition
- Smooth adoption: Curriculum, Schedule of Rates, Make in India
- Enabling huge outreach through lighthouse projects: Academia, Practitioners (Public/ Private), Policy Makers
- Opportunity for new Partnerships (Public/ Private)
- Success in India opens up huge possibilities in India and other Transition Economies

Participation Support - What?

- Six sites be made ready for Light House Projects
- Indian Partners (Public/ Private) be registered for local logistic support, if needed
- States provide necessary civic infrastructure and assist in all clearances
- Central/ State Governments organise financial flow after selection
- Indian Missions abroad assist in visa, information etc. for participation

Foreign Mission in India - Support Expected

- Spread the word to prospective technology providers
- Encourage participation in this unique Challenge
- Support Indian Missions abroad to network them for facilitating participation
- Provide details to/ contact for any query to:

Name: **Mr R. K. Gautam**
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Phone: **+91-11-23063266, +91-9868992637**
(from 09:00 hrs to 20:00 hrs Indian Time)
E-mail: **ghtc-mhua@gov.in**

GHTC-India, Video Link: <https://www.youtube.com/watch?v=HvjMcpbFchw>



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India's Growth Story of

Reform, Perform & Transform



Thanks



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