



Ministry of Housing and Urban Affairs  
Government of India



# GLOBAL HOUSING TECHNOLOGY CHALLENGE INDIA

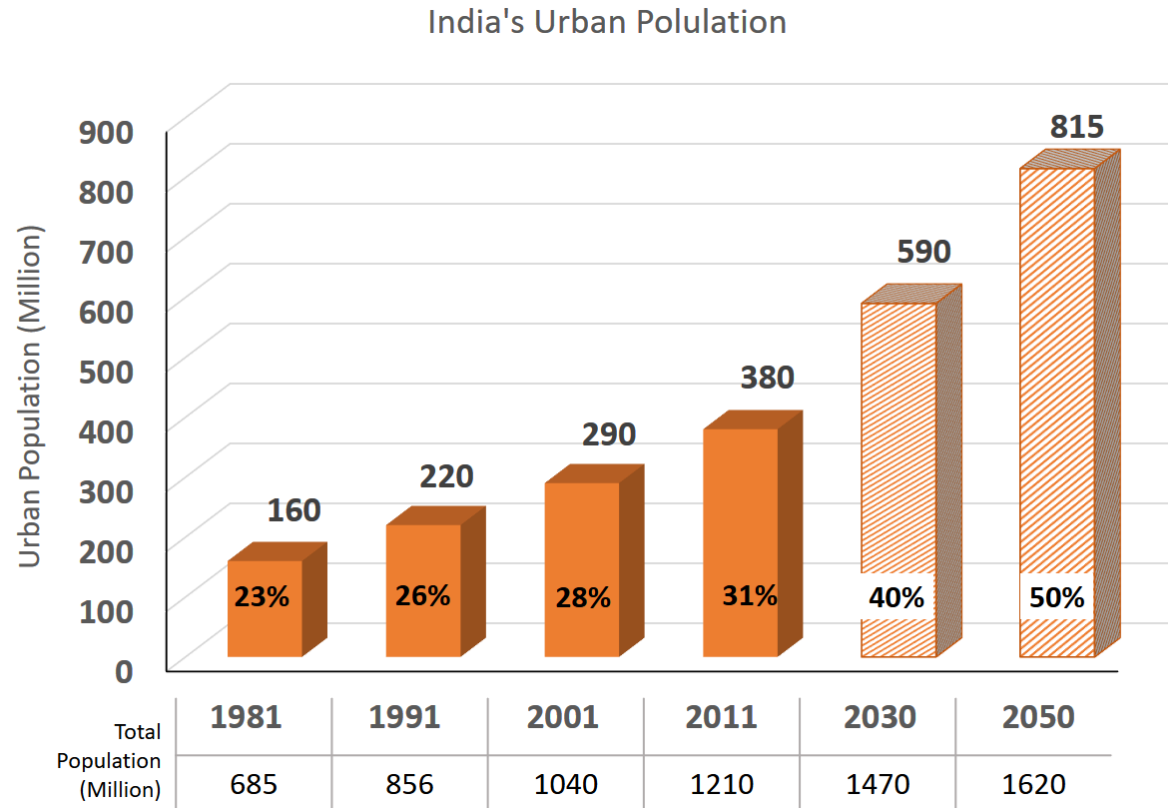
Meeting with Knowledge Partners - 6<sup>th</sup> Feb' 2019

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# Growing Opportunities with Rapid Urbanization

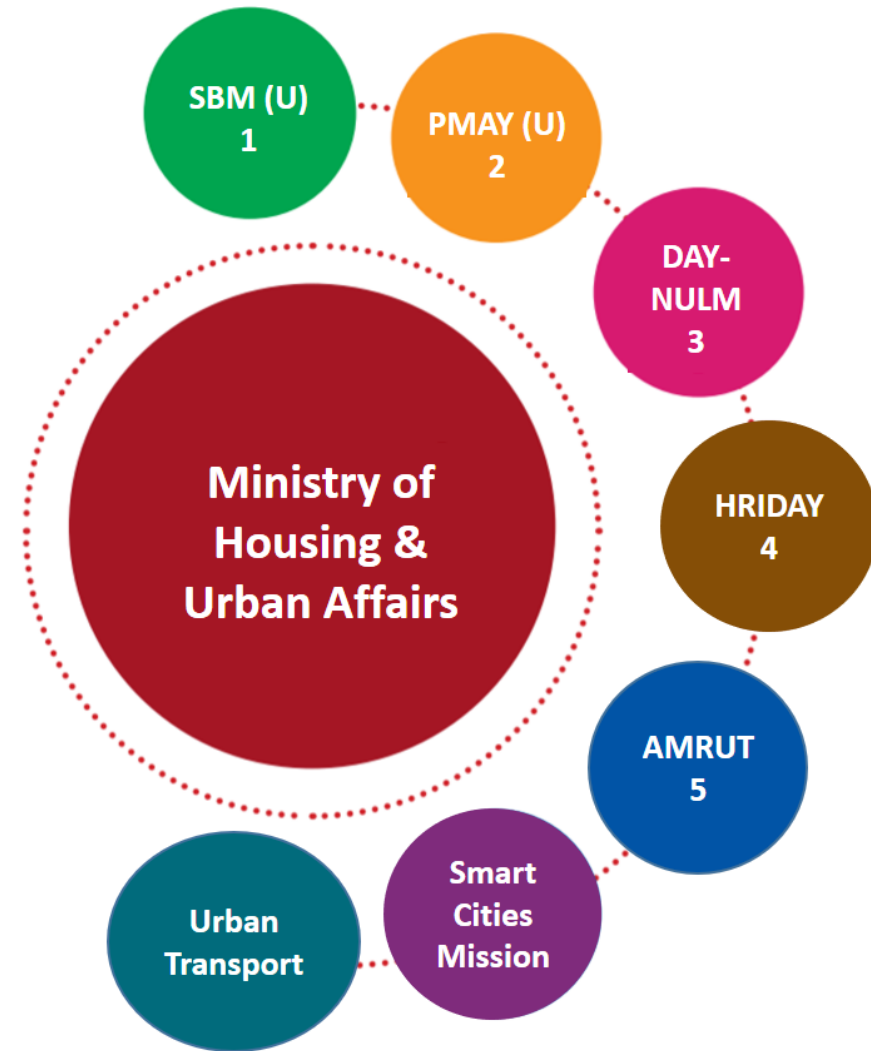


*Source: UN report on World Urbanisation Prospects (2014 revision)*

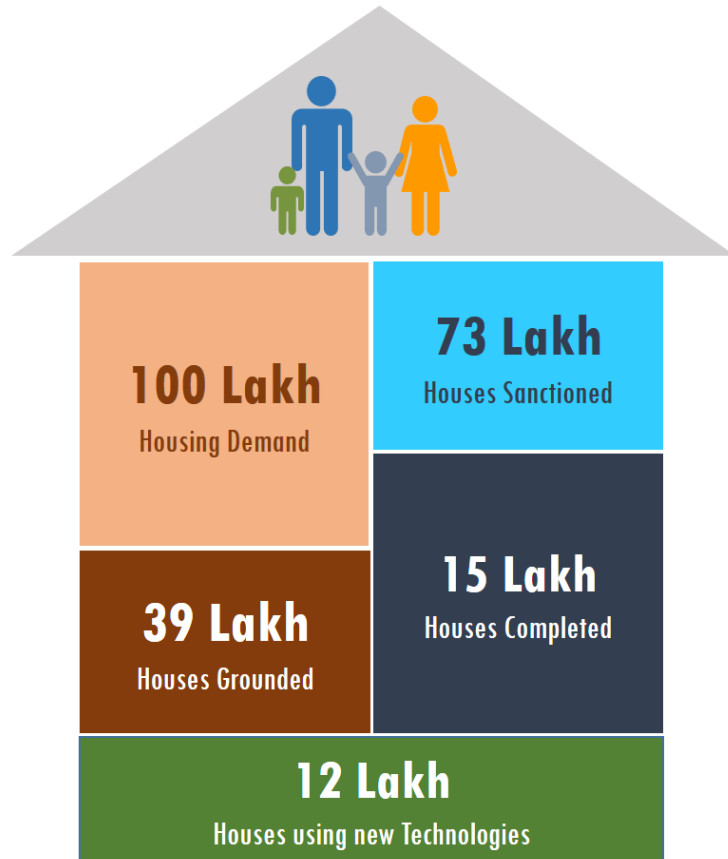
- With US \$2.85 trillion GDP, India is one of the largest and fastest growing economies in the world. It is witnessing massive public investment, robust private consumption, and structural reforms leading to rapid growth ( $> 7\%$ ).
- Construction in India is emerging as the third largest sector globally; 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?



<b>BLC*</b>	<b>41 Lakh</b>
<b>AHP*</b>	<b>24 Lakh</b>
<b>ISSR*</b>	<b>4.5 Lakh</b>
<b>CLSS*</b>	<b>3.5 Lakh</b>

- 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

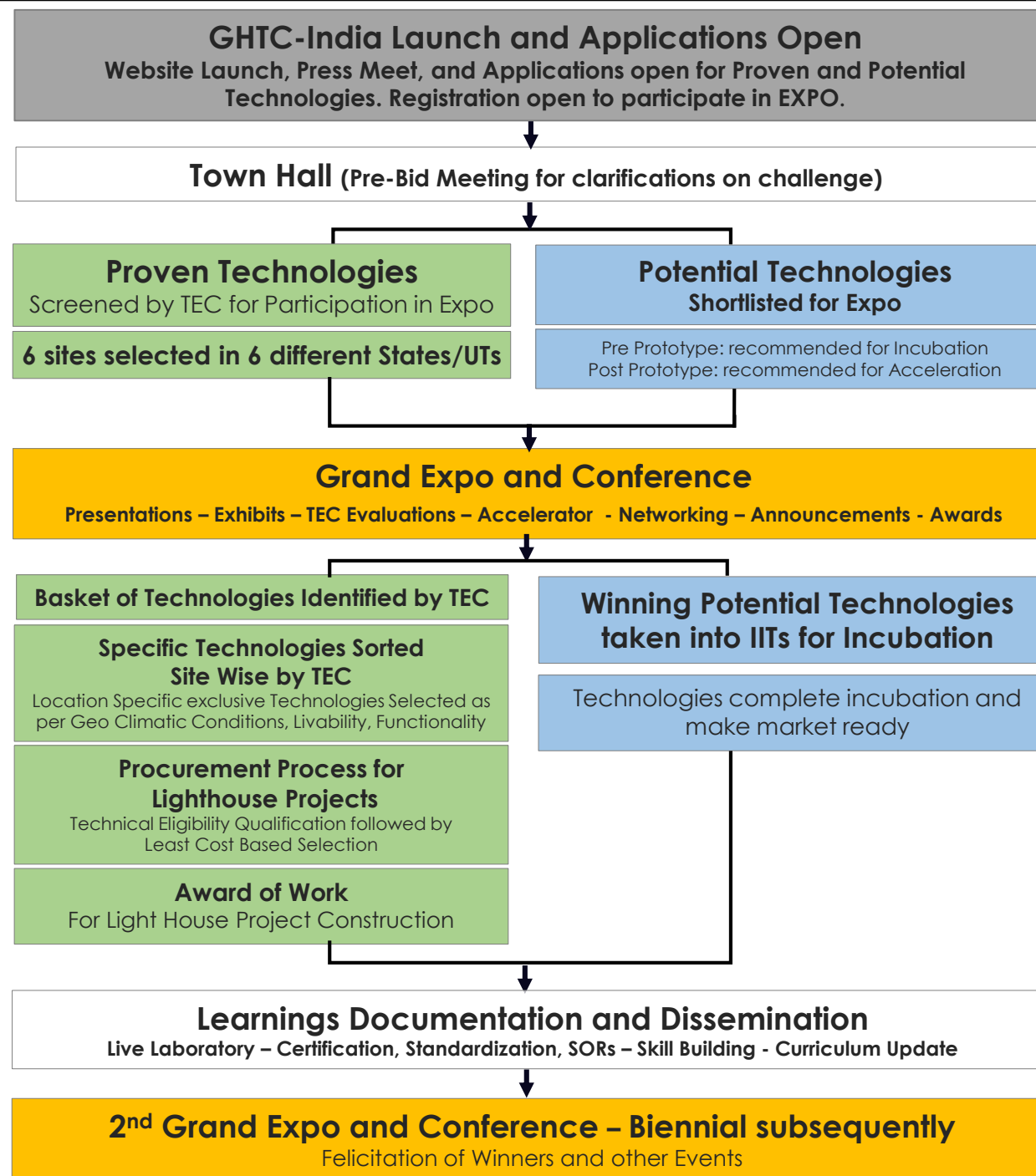


## Potential Future Technologies

- 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

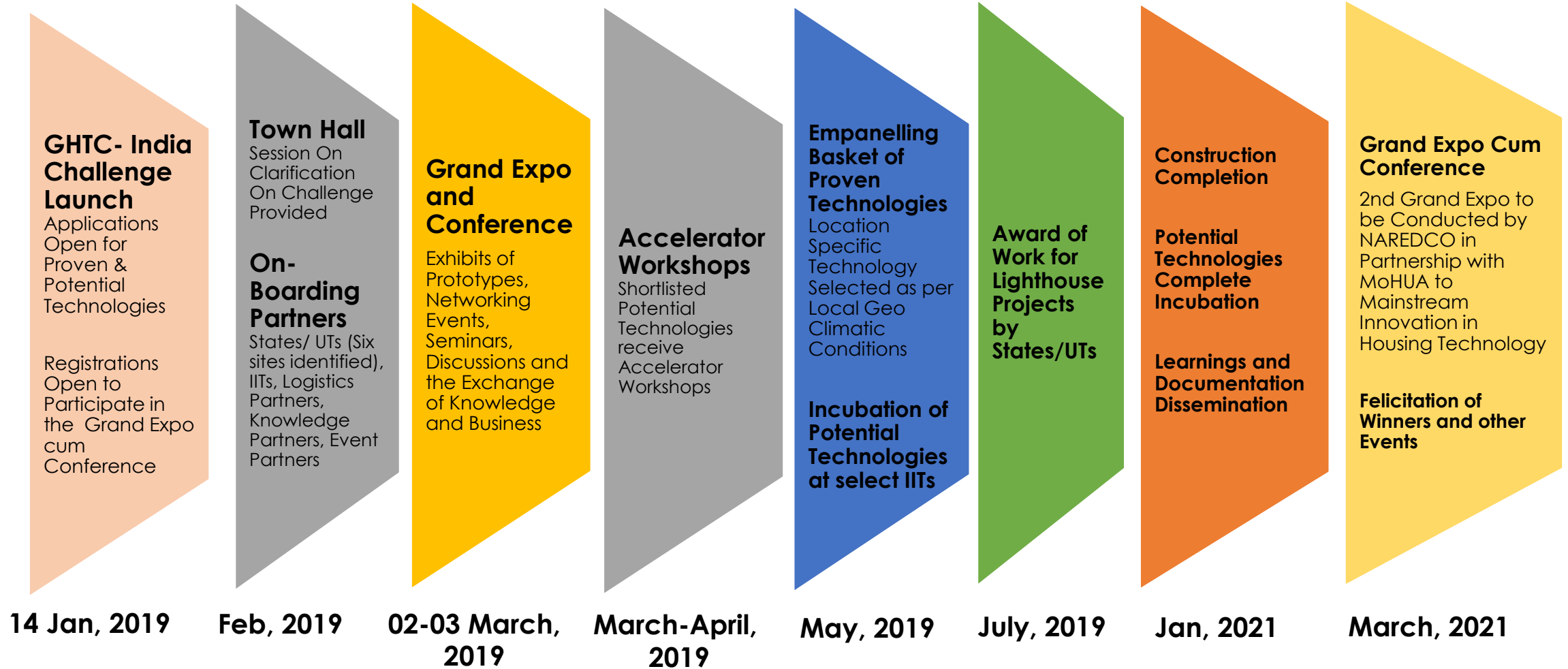
**GHTC-India will create a holistic enabling eco-system to facilitate construction technology transition and mainstream that in the country.**

# Challenge - How?





# Challenge - When?



## Challenge 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



**GLOBAL  
HOUSING  
TECHNOLOGY  
CHALLENGE INDIA**

We Invite You to  
Be a Partner in  
India's Growth Story of

**Reform, Perform & Transform**

# Thanks

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