



12th GRIHA Summit

Why in News

Recently, the inaugural session of the [12th Green Rating for Integrated Habitat Assessment \(GRIHA\) Summit](#) was organised virtually.

Key Points

- **12th GRIHA Summit:**
 - **Theme:** Rejuvenating Resilient Habitats.
 - **Purpose:** To serve as a platform to **deliberate on innovative technologies and solutions** which shall help in creating robust mechanisms **for developing sustainable and resilient solutions for the benefit of the entire community**.
 - **Launch Event:** The Vice President of India launched the **SHASHWAT magazine** and the book **'30 Stories Beyond Buildings'** during the event.
- **Green Rating for Integrated Habitat Assessment (GRIHA):**
 - It is the national rating system of India for any completed building construction.
 - **GRIHA** is recognised as India's own green building rating system in India's [Intended Nationally Determined Contributions \(INDC\)](#) submitted to the [United Nations Framework Convention on Climate Change \(UNFCCC\)](#).
 - **Created By:** It was conceived by [The Energy and Resources Institute \(TERI\)](#) and developed jointly with the **Ministry of New and Renewable Energy**.

The Energy and Resources Institute

- **The Energy and Resources Institute (TERI)** is a non-profit research institute which conducts research work in the fields of energy, environment and sustainable development for India and the global south.
- It was established in 1974 as Tata Energy Research Institute and renamed to The Energy Resources Institute in 2003.
- **Objective:** To help design green buildings and, in turn, help evaluate the 'greenness' of the buildings.
- **Mechanism:**
 - The system has been developed to help 'design and evaluate' new buildings (buildings that are still at the inception stages). A building is assessed based on its predicted performance over its entire life cycle.
 - **Parameters used:**
 - a. Site selection and planning
 - b. Conservation and efficient utilization of resources
 - c. Building operation and maintenance
 - d. Innovation points
- **Benefits:**

- This system, along with the activities and processes that lead up to it, benefits the community with the **improvement in the environment by reducing GHG (greenhouse gas) emissions, reducing energy consumption and the stress on natural resources.**
- **Other Related Initiatives:**
 - [Global Housing Technology Challenge \(GHTC\)](#)
 - **Organised by:** The Ministry of Housing and Urban Affairs.
 - **Launched:** January 2019
 - **Aim:** To identify and mainstream best available and proven construction technologies that are sustainable, green and disaster-resilient to enable a paradigm shift in housing construction.
 - [Affordable Sustainable Housing Accelerators \(ASHA\)](#)
 - Under this initiative five Incubation Centers have been set up for identifying innovative materials, processes and technology for resource-efficient, resilient and sustainable construction.
 - [Smart Cities Mission](#)
 - It is an innovative initiative under **the Ministry of Housing and Urban Affairs, Government of India** to drive economic growth and improve the quality of life of people by enabling local development and harnessing technology as a means to create smart outcomes for citizens.
 - It is working towards integrated and comprehensive development of cities

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