

Mahindra-TERI Centre of Excellence to enable energy efficiency in the real estate industry

Real Estate

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First-of-its-kind research facility will look at creating innovative solutions adapted to Indian climatic conditions and accessible to all

June 12, 2018, New Delhi: Mahindra Lifespace Developers Ltd. (MLDL) and The Energy and Resources Institute (TERI) today launched the first-ever Centre of Excellence (CoE) to boost energy-efficient real estate in India. Energy-efficient building stock in India stands at less than 5% today; the CoE will leverage state-of-the art research techniques, tools and performance measurement solutions to boost the development of green buildings in India. This joint research initiative will focus on developing open-source and science-based solutions for India's real estate sector.

The CoE will aim at developing a robust and coherent database for market-ready, scalable and energy-efficient materials and technologies. It will also work towards preparing policy briefs for Central and State Ministries to promote 'green' development that can transform India's housing industry and thereby help reduce the country's carbon footprint. Research output will be validated on the field prior to dissemination of databases, guidelines and standards to the real estate and building materials industry. The research output, which will be available in the public domain, will aim at wider adoption of its recommendations by developers, architects and individual

home owners.

Inaugurating the CoE, **Anand Mahindra, Chairman, Mahindra Group**, stated, “India has the opportunity to be the world’s largest laboratory for doing things differently - be it the future of urbanisation, or mobility, or climate change. The Mahindra – TERI CoE embodies our focus on sustainability beyond just business - towards creating a larger urban stakeholder ecosystem that can power a transformative ‘green shift’ across India’s cities and towns.”

Dr Ajay Mathur, Director General, TERI, emphasised the need for cost effective, greener yet cheaper building technologies and materials suitable to Indian climatic conditions, that also provide better comfort and ensure low energy consumption. He said that the information and knowledge sharing enabled by the Mahindra - TERI Centre of Excellence would facilitate developers to make informed decisions towards resource-efficient designs. Dr. Mathur emphasized that the research undertaken at the CoE would be a huge step towards enabling the developer community to upscale the supply of green buildings.

Anita Arjundas, Managing Director, Mahindra Lifespace Developers Limited, added, “As a pioneer of sustainable urban development in India, we believe that lasting and widespread innovation demands a collaborative approach encompassing multiple stakeholder communities. The Mahindra – TERI CoE will positively influence the Indian construction industry to develop innovative and sustainable solutions, thereby building a robust green supply chain ecosystem.”

The CoE will adopt a tiered approach to implement, review and ensure deliverables. A Technical Advisory Committee (TAC), comprising industry leaders and practitioners, will provide technical oversight to research activities. The newly launched CoE in Gurugram is SVA-GRIHA 5-star rated

and incorporates various sustainability principles and design strategies espoused by the CoE.

About TERI

The Energy and Resources Institute (TERI) is a leading think tank dedicated to conducting research for sustainable development of India and the Global South. Established in 1974, TERI has become the pre-eminent institution for research, discussion and thought leadership on environmental governance and sustainable development. TERI is ranked globally as one of the five most impactful think tanks by the International Center for Climate Governance. The Institute is committed to the application of thought that drives action in the direction of tackling climate change.

We have been involved in providing technical consultancy for the design and development of sustainable building complexes. Our rating system for green buildings, GRIHA, has been adopted as India's national rating system, and has helped design hundreds of future-ready buildings that use less resources and give more to the environment.

Know more about TERI: <http://www.teriin.org/>

Twitter and Facebook - @teriin

LinkedIn - www.linkedin.com/company/teriin/

About Mahindra Lifespace Developers Ltd.

Established in 1994, Mahindra Lifespace Developers Ltd. is the real estate and infrastructure development business of the USD 20.7 billion Mahindra Group, and a pioneer of sustainable urbanisation in India. The Company is committed to transforming India's urban landscape through its residential developments under the 'Mahindra Lifespaces' and 'Happinest' brands; and through its integrated cities and industrial clusters under the 'Mahindra World City' and 'ORIGINS by Mahindra World City' brand.

Mahindra Lifespaces delivers innovative customer-focused solutions that are rooted in a legacy of trust and transparency. The Company's development footprint spans 23 million sq. ft. (2.133 million sq. m.) of completed, ongoing and forthcoming residential projects across seven Indian cities; and over 4960 acres of ongoing and forthcoming projects under development/management at its integrated developments in four cities. A pioneer of the green homes movement in India, Mahindra Lifespaces has been ranked 4th in Asia in its category, in the '2017 GRESB Real Estate ESG (Environmental, Social and Governance) Assessment'. The Company has also been ranked among the top 50 great mid-size workplaces in India – 2017, by the Great Places To Work Institute.

Learn more about Mahindra Lifespaces at www.mahindralifespaces.com

About Mahindra

The Mahindra Group is a USD 20.7 billion federation of companies that enables people to rise through innovative mobility solutions, driving rural prosperity, enhancing urban living, nurturing new businesses and fostering communities. It enjoys a leadership position in utility vehicles, information technology, financial services and vacation ownership in India and is the world's largest tractor company, by volume. It also enjoys a strong presence in agribusiness, aerospace, commercial vehicles, components, defense, logistics, real estate, renewable energy, speedboats and steel, amongst other businesses. Headquartered in India, Mahindra employs over 2,40,000 people across 100 countries.

Learn more about Mahindra on www.mahindra.com / Twitter and Facebook: @MahindraRise

For further enquiries please contact:

Pramuch Goel

General Manager, Group Communications, Mahindra Group

Tel: +91 22 2490 5943

Email: goel.pramuch@mahindra.com

Pallavi Singh

Research Associate, Communication Services, TERI

Ph no. 011 2468 2100

Email: pallavi.singh@teri.res.in

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