



WEB-S Unlocking Sustainability 2020

Greetings from TERI!

The onset of COVID-19 pandemic, a public health emergency of international concern, has presented a situation of social and economic turmoil. Limiting the economic impact of the pandemic and stimulating the economies, once the pandemic is brought under control and operations resume to a 'new normal', is a vital concern of the government. Resource efficiency has both direct and indirect impacts on the economy. The sectors likely to benefit from the investments are construction, infrastructure, and manufacturing.

Resource efficiency has both direct and indirect impacts on the economy. The sectors likely to benefit from the investments are construction, infrastructure, and manufacturing. Some of the direct benefits of investment are employment creation, revenue generation, and cash flow. The indirect benefits of resource efficiency are long term and can be witnessed in the form of reduced GHG emissions, low energy bills, thermally and visually comfortable indoor environments, resilient infrastructure, and improved access to reliable, affordable, and clean energy.

Buildings offer significant opportunities such as encouraging the use of high-efficiency insulation and high-performance glazing in the building envelope; energy-efficient lighting, heating and cooling systems; and integration of renewables. This is likely to boost the building materials manufacturers and supply chains across the country.

Besides, effective implementation of building codes and green building certification systems (GRIHA/IGBC/LEED, etc.) would enable the transparent roll out of incentives to the developers, savings in energy bills to the consumers, and engage the workforce in construction of both new and existing building projects.

In our country, buildings are a state subject. As part of their mandate, the states must be encouraged to develop and implement state-specific sustainable material procurement policies, skills, and entrepreneurship building depending on the uniqueness of each state for the deployment of sustainable technologies, and water and waste treatment plans.

In view of the above, Sustainable Buildings Division, TERI, have initiated a series of webinars titled '*TERI Web-S: Unlocking Sustainability*' to discuss ideas and initiatives on the identified themes. The series will focus on building the capacity and knowledge of building practitioners, practitioners in ULBs, early career researchers, and university students towards informed decision-making for resource efficiency.

These webinars will focus on aspects related to mainstreaming resource efficiency in the built environment, such as Sustainable building materials; Water use and waste water management; Building codes, implementation, and governance; Energy-efficiency in buildings; Building resilience; and Occupant comfort.

We hope that TERI Web-S provides an interactive and collaborative platform for the stakeholders and participants to understand the role of various aspects of resource efficiency to prepare better towards the new normal.

We are eager for your active participation in all the webinars to deliberate further!