

Co. Profile

Planting on roofs and walls in the present day is perceived as one of the most innovative and rapidly developing solutions in architecture and horticulture. In order to promote the novel concept of living walls and green roofs in India, ELT India Enterprise was established. With a research facility located in Pune, this company studies the different aspects of green roofs and living walls under varied climatic conditions across the country.

Equipped with the infrastructure to grow living wall panels and roof panels, the enterprise is in a position to provide a unique solution to reduce the heat island effect in developed sites. "We started in 1987 by establishing our plant nursery, Nandini Gardens. The next step was the scientific execution of landscaped gardens", informed Mr. Pradeep Barpande, Principal, ELT India Enterprise. With the motto of saving large trees on site by transplanting, the company kept the use of chemicals to a bare minimum and used organic manure and insecticides. He further adds, "During this journey we experienced that urbanization was taking its toll on mother nature and it was crucial to bring back greenery into our cities.", and this led to the conception of ELT.

ELT India Enterprise is the sole distributor and installers in India for ELT Easy Green®, Canada - a line of products built around the main idea of sustainable living. Promoting the concept of saving energy and with the intent to improve habitats in countries like the US, UK, India and many others, the company's new products of green roof systems and living wall systems are made of 100% renewable materials. "Sales turnover was never our target, in the first 14 months and after extensive research and experiments, these products were developed which would work successfully under various climatic conditions", briefed Mr. Barpande.

The ELT Easy Green® Living Wall system, being both practical and efficient, is revolutionizing the landscape and green building industry. The custom designed irrigation system, use of gravitational force and trouble-free mounting facilitates easy maintenance. Furthermore, it's applicability on surfaces having a slope of 25 degrees to 90 degrees, minimum water requirement, 100% waterproof design, maximum green surface area, simple drip irrigation system and warranties have rendered the sys-

ELT - Working With Nature

ELT India Enterprise, with its green roof and wall technologies, paves the road ahead for a sustainable future. BY SHRIYAL S.



tem as one of the most suited. The fact that these HDPE modules do not require constant irrigation, and at the end of their life are 100% recyclable distinctly announces the system's sustainable properties.

The trend of roof gardens is catching on all over the world and ELT's light weight, low maintenance, Easy Green® roof system is designed keeping sustainability in mind where each component is either renewable or recycled. Moreover, it can be categorized as intensive green roofs and extensive green roofs, mainly depending on the amount of maintenance, type of vegetation and substrate depth. Intensive green roofs are intended to be accessible to people, whereas extensive green roofs are more for visual purposes and energy conservation.

Apart from these systems, Mr. Barpande informs that ELT in the near future will be introducing 100% indoor gardens growing



with the help of grow lights. "Also, our special growth medium with the longevity of 10 years or more is coming into the market for pot culture and terrace gardens." The company is also working on some more products for saving energy, treatment of grey water and solar applications in landscapes.

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