

City in Focus

Tirupati

The Aerobic Waste Composting project at Tirumala Devasthanam Hill Temple aimed at setting up a facility to process the biodegradable waste. The waste management process here begins by the segregation of waste by Dual Dustbin System followed by shredding and subjecting to dilute culture solution. The bacteria in the culture facilitates the decomposition of the waste. The wet waste is exposed to air for around 30 days to ensure uniform aeration. The waste finally gets fed into the rotary where it is processed to form smaller particles which are then sent to a trommel. The trommel segregates the waste in various sizes.

Every 100 kg of wet waste is capable of producing 20 kg to 30 kg of high-quality manure which is successfully used for crops, in gardens and nurseries.

PARTNER CATEGORY	M/S MAHINDRA & MAHINDRA BRIGHT WASTE TECHNOLOGIES
CONTACT PERSON	PARAMITA DATTA DEY (PROGRAM LEAD) KAUSTUBH PARIHAR, (PROJECT ASSOCIATE)

Aerobic Waste Composting at Tirumala Devasthanam Hill Temple Town



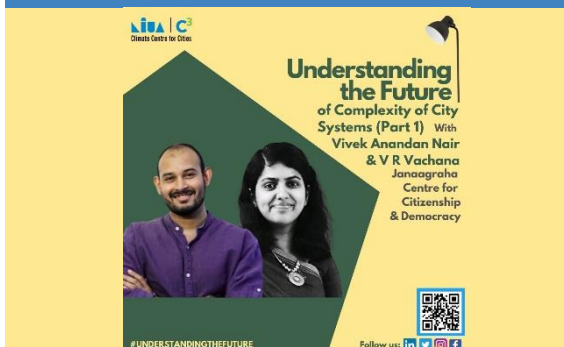
Segregated waste collection



Wet waste being exposed to air

- About 36 MT per day of solid waste is generated on normal days and approximately 54 MT during peak days. The general composition of garbage is 91.00% of organic waste and remaining in-organic waste such as plastics, glass, metals, paper cardboards, leather, cloth, coconut coir/shell etc.
- The processing capacity of the aerobic waste composting plant is 45 MT.
- The aerobic waste composting plant has proved immensely beneficial as it handles effectively more than 75 per cent of the daily waste generated.
- This helps the TTD administration to keep the hill town more clean winning many national awards.

PODCAST

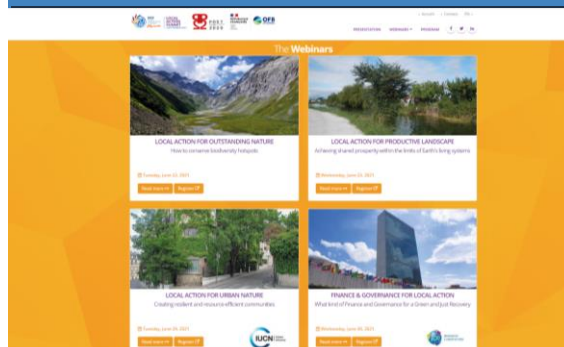


Understanding the Future of Complexity of City Systems (Part 1)

In this week's podcast, we interview Vivek Anandan Nair and V R Vachana of Janaagraha Centre for Citizenship and Democracy. Through the two-part episode, they will help improve our understanding of the Complexity of the City Systems. The focus areas for the first part being quality of life, digitisation and challenges in the ecosystem will.

[Listen](#)

EVENT



Webinar: Local action for outstanding nature

On 3 September 2021, IUCN will, organise the first ever IUCN Local Action Summit. This will mark the beginning of IUCN World Conservation Congress to be held in Marseille (France) from 3rd to 10th September 2021. IUCN invites participants for a preparatory webinar titled Local action for Outstanding nature to be held on 22nd June for the same.

[Register](#)

ARTICLE

Energy & Climate Concerns in India's Buildings Sector



Energy & Climate Concerns in India's Buildings Sector

Ms. Raina Singh and Ms. T Shravani from C-Cube wrote an article on the key role of the buildings sector in meeting India's climate action targets in the special series e-GOV magazine released recently. The special issue features articles focusing on SDG 11.1 - Ensure access for all to adequate, safe and affordable housing.

[Read](#)

Testimonials

"CSCAF 2.0 helps systematically integrate the process of decision making with respect to Climate Change in Cities. Being part of the assessment helped in understanding the position of urban India as well as how they can move forward to a sustainable future. One of the best parts was conducting peer to peer learning exercise called MasterClass for city nodal officers to take the sustainable step forward."

Punit Gandhi
Senior Associate - Climate Centre for Cities



Climate Centre for Cities

National Institute of Urban Affairs

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