

City in Focus

Coimbatore

Primary objective of the project was the installation of a 100 cu. m capacity kitchen waste-based biogas plant in the crematorium premises. The gas produced in the biogas plant is further passed through the scrubbers where hydrogen sulphide is removed. Finally, purified methane gas is charged into the crematorium's burner to be used as fuel along with regular LPG cylinders for cremation. Initially, the operator used to consume about 4 commercial LPG cylinders (19 kgs each) for the cremation of an average of 5 corpses a day. This amounted to a daily expenditure of ₹ 4,180 (approx). Thus, on an average, about 120 LPG cylinders were consumed on a monthly basis. However, the operator charged only ₹ 1750 per cremation from the bereaved. In order to bring down the cost, the Coimbatore City Municipal Corporation initiated this innovative project in 2015.

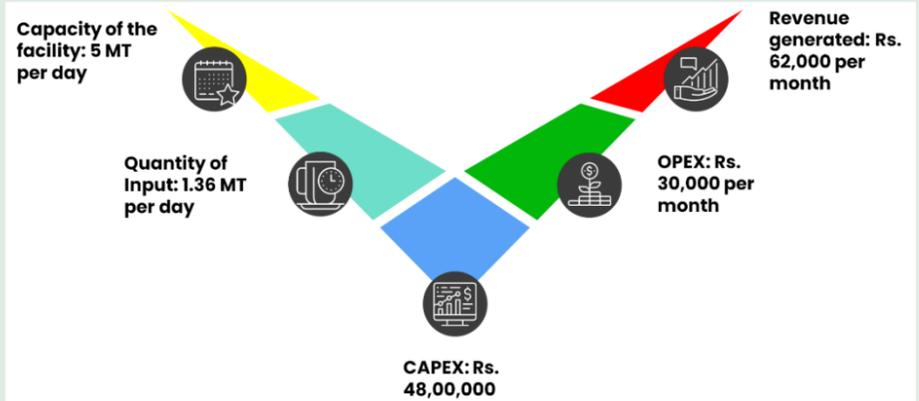
PARTNER CATEGORY	ISHA FOUNDATION
CONTACT PERSON	PARAMITA DATTA DEY (PROGRAM LEAD) TAVISHI DARBARI (RESEARCH ASSOCIATE)



Kitchen Waste-based Biogas Plant

Gasifier Crematorium at Najundapuram Area

- After installation of the Biogas plant, the usage of LPG cylinders has been reduced to 60 cylinders per month at the rate of 2 cylinders per day thereby reducing the cost to Rs.2,090 (approx.) per day.
- The plant does not release any foul odour and the water released from the plant is let out into the existing underground sewerage system.



KNOWLEDGE HUB



Impactful Waste Management Through Behaviour Change Communication in India.

In the C-Cube Blog, **Ms Ahona Datta Gupta**, Communications and Partnership Coordinator, NIUA writes about Impactful Waste Management Through Behaviour Change Communication in India.

[Read Here](#)

ANNOUNCEMENTS



Podcast Highlights: Season 1

C-Cube released a video with Highlights of Season 1 of the Podcast – Understanding the Future hosted by **Mr. Punit Gandhi**, Senior Associate, C-Cube. The podcast focuses on understanding various fields in the domain of Climate Change, Urban Development, Innovation and Sustainability.

[View](#)

EVENT



ClimateSmart Cities Alliance Meeting

C-Cube organized the 2nd Meeting of the ClimateSmart Cities Alliance on Friday, 30th April, 2021. More than **45 participants** from **28 organizations** attended the meeting to discuss the progress of CSCAF 2.0 and other activities being implemented by C-Cube and partner organizations in 126 cities across India and chart the next steps for 2021. ClimateSmart Cities Alliance is a multi-stakeholder partnership of 50+ organizations working in the space of climate change and urban development in India.

Testimonials

"CSCAF 2.0 is a national-level climate change initiative that has integrated the climate scenarios of 126 cities under a single framework, intending to support cities in driving climate actions. Despite the complex urban challenges in the cities, it was wonderful to witness their interests and motivation towards completing the assessment. It has been an extremely encouraging and great learning experience to be a part of the process."

Manjaree Dutta
Research Assistant- Climate Centre for Cities

