



CITY IN FOCUS



Figure 1: Walkway for citizens in Jamshedpur



Jamshedpur Climate Facts

JAMSHEDPUR

PROJECT	Internet controlled smart street lights – bringing innovation to streets of Jamshedpur city
TYPE	Digital Intervention
THEME	Energy & Green Building
PARTNER	Tata Communications Ltd.
CONTACT	Gaurav Anand, Chief Manager, Business Excellence, Tata Steel Utilities and Infrastructure Services Ltd.

****Views expressed are of the author and do not necessarily reflect the view of C-Cube or its any officials.***


Jamshedpur is a sustainable city that utilises fewer resources and maximises waste reuse, thereby generating lesser waste and reducing pollution levels.

Being sustainable has been part of Jamshedpur's DNA since Jamsetji Tata's city-planning steered by his son since 1902.

The current digital intervention undertaken by the city aims to control the street lights remotely in order to save energy, reduce maintenance costs and get real time reports.

There are two major parts of this innovation i.e. Network and Controller. The network opted for this solution is LoRaWAN, which has a longer range and it consumes less energy compared to any other available network. The controller is attached to every individual street lights responding to LoRaWAN protocol enabling the service provider to remotely on/off/dimming of the street lights. The dimming is done in the range of 10-100%, which not only saves energy but also the maintenance cost.

KNOWLEDGE HUB



CLIMATE SMART CITIES ASSESSMENT FRAMEWORK 2.0

C-CUBE BLOG SERIES

TACKLING TRANSPORT EMISSIONS

Link: <https://linktr.ee/ccube>

- In the C-Cube Blog, Mr Madhav Pai, Executive Director, WRI India Ross Center writes about Tackling Transport Emissions. Read more [here](#)
- C-Cube released its last podcast, 'Understanding the Future of Philanthropy and Climate Change' with Amita Ramachandran, COO, India Climate Collaborative. Check out the podcast [here](#)

ANNOUNCEMENTS



Understanding the Future

A podcast on future of work

Podcast series, 'Understanding the Future' successfully completes its trial phase

We have successfully released 13 episodes of podcast and will be back soon with the more interesting interviews with thought leaders and champions from the ground. Write to us what topic you would be interested for our podcast. You can reach out on c-cube@niua.org or on our social media [here](#)

OPPORTUNITY CALENDAR



Job Openings: [Apply here](#)

Climate Smart Cities
Subject Matter Expert 3
Last Date to Apply : 11-Jan-2021

TESTIMONIALS

“One of the best experiences of CSCAF 2.0 has been to observe the cities gradually becoming proactive and engage in the assessment by way of regular communication with the C-Cube team and becoming self-aware of the critical aspects of climate change at the city level. ”



Mohini Bhaisare

Research Associate
Climate Centre for Cities
(C-Cube)