

Inauguration of IoT Enabled Smart Lighting Project at TERI Gram

New Delhi, 21st Oct 2021

The IoT enabled smart lighting project at TERI Gram was inaugurated by Panitek Power, TERI and eSave with His Excellency Dr. Ralf Heckner, ambassador of Switzerland to India and Bhutan, being the chief guest this evening.

Dr. Vibha Dhawan spoke at the event mentioning that such innovative smart projects are the need of the hour and make sense not only for urban spaces but also for rural or remote areas.

Rico Karmer, CEO eSave was also present at the event and talked about how environment friendly the smart lighting system proved to be at the installation back in Switzerland.

The smart lighting project of 21 streetlights was installed at TERI Gram campus by Panitek Power and Ajay Goel, BrightLED. eSave was the technology provider of the smart controllers, gateway and centralise dashboard used in the project.

The Smart Lights, have dimmable controllers and motion sensors. When there is no movement, the lights would remain dim and automatically increase the brightness only when they detect motion on the street.

The project was installed at the start of the year (Feb'21) and data analysis showed significant energy saving (>70%) compared to keeping the lights at full brightness. The solution also has a 2.5 PM sensor that collects data on air quality.

The solution also supports weather station, heat maps, radar mapping that provides data which can act as an added layer of security for that region.

Watch the video of the IoT enabled Smart Lighting: [Click Here](#)

About Panitek Power:

Panitek is an Indo-European company dedicated towards solving some of the biggest sustainable energy challenges in the emerging countries. The company's expertise lies in successful commercialization of innovative, smart, efficient and clean technologies. The company sources proven technologies from small and medium size enterprises and translates them into developing economy markets.

For more visit: www.panitek.com

About eSave:

eSave develops and offers state-of-the-art technologies and smart solutions in the area of light management, guiding municipalities and industries on the journey to become connected and autonomous, bringing the real and digital worlds together, and ensuring a sustainable future.

For more visit: <https://www.esaveag.com/>

About TERI:

TERI is an independent, multi-dimensional organization, with capabilities in research, policy, consultancy and implementation. We are innovators and agents of change in the energy, environment, climate change and sustainability space, having pioneered conversations and action in these areas for over four decades. We believe that resource efficiency and waste management are the keys to smart, sustainable and inclusive development. Our work across sectors is focused on

- Promoting efficient use of resources
- Increasing access and uptake of sustainable inputs and practices
- Reducing the impact on environment and climate

For more visit: <https://www.teriin.org/>