



kWatt Solutions Pvt. Ltd.
economising renewables



S-Rooftop



About Us

kWatt Solutions Pvt. Ltd. is founded by a team of IITians and Prof. Chetan Singh Solanki with the vision to economize renewables. We are incubated in Society for Innovation & Entrepreneurship (SINE) at Indian Institute of Technology (IIT) Bombay. We are working in training segment of solar industry and specialize in solar rooftop power plants.



Vision

kSPL is a technology driven company focusing on energy optimization and technology customization to provide economic renewable energy solutions. S-Rooftop envisions clean & green energy by solarizing the rooftops in an efficient, cost-effective & technologically advanced manner.



Team



Dr. Chetan Singh Solanki

Chairman, kWatt Solutions Pvt. Ltd.
Professor, IIT Bombay
Principle Investigator, NCPRE



Atul Kumar Jain

Vice President, Technical
IIT Bombay Graduate
5+ years exp. in Solar Semiconductor



Ayush Mahajan

Vice President, Business Development
IIT Bombay Graduate
Receipient of charpak Scholarship (Awarded by French Govt.)

Advisors Board

Mr. G J Girase
Ex-Finance Director Mahagenco

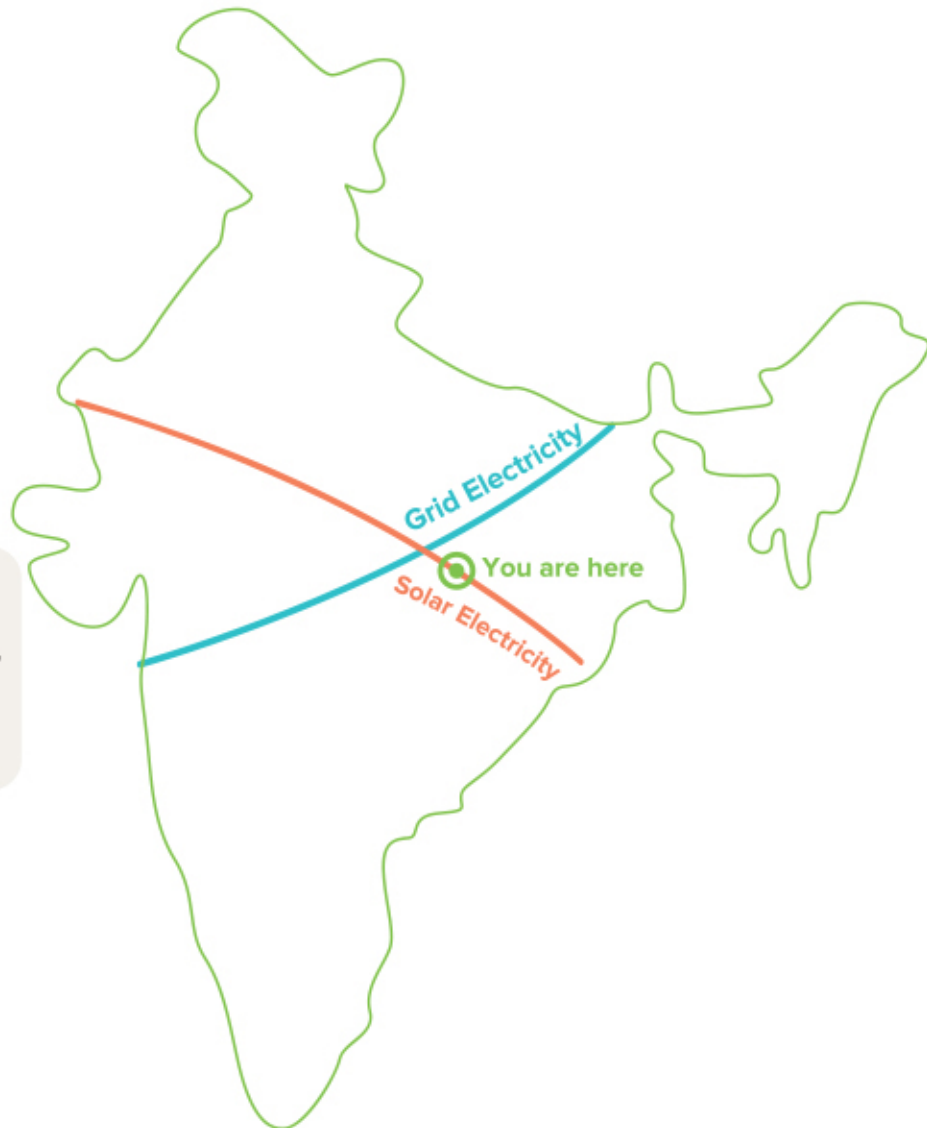
Mr. Bikash Kumar
Ex-VP, Lanco/MoserBaer

Mr. Vaman Kuber
Consultant NCPRE, Founder Sol2Sys

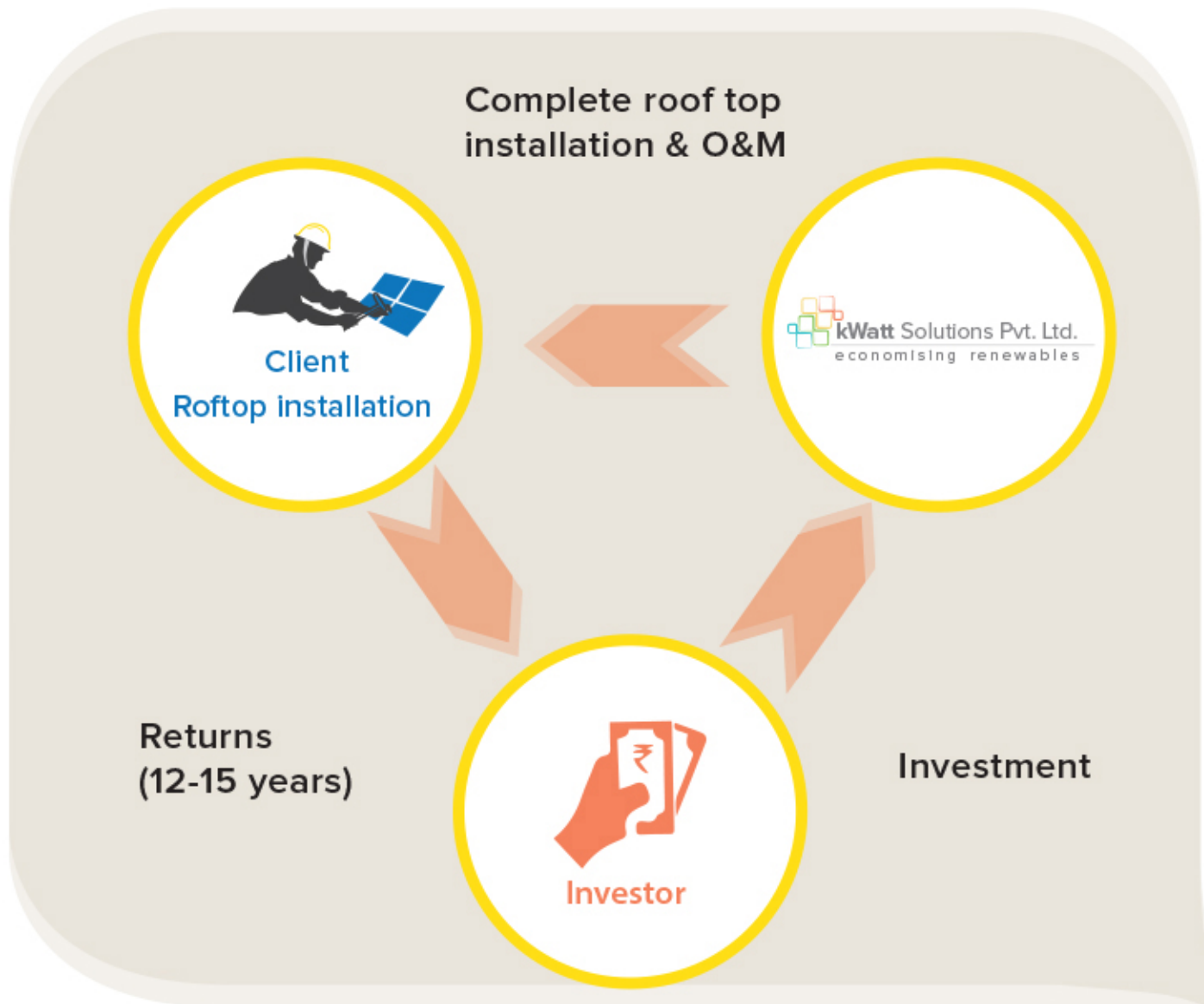
Solar Scenario

- Exponential growth of solar market in India
- Solar Energy will play an important role in India's energy mix
- Currently, there exists only 3000 MW of installed solar power in India

● **Target : 100,000 MW**
of installed solar power
by the year 2022

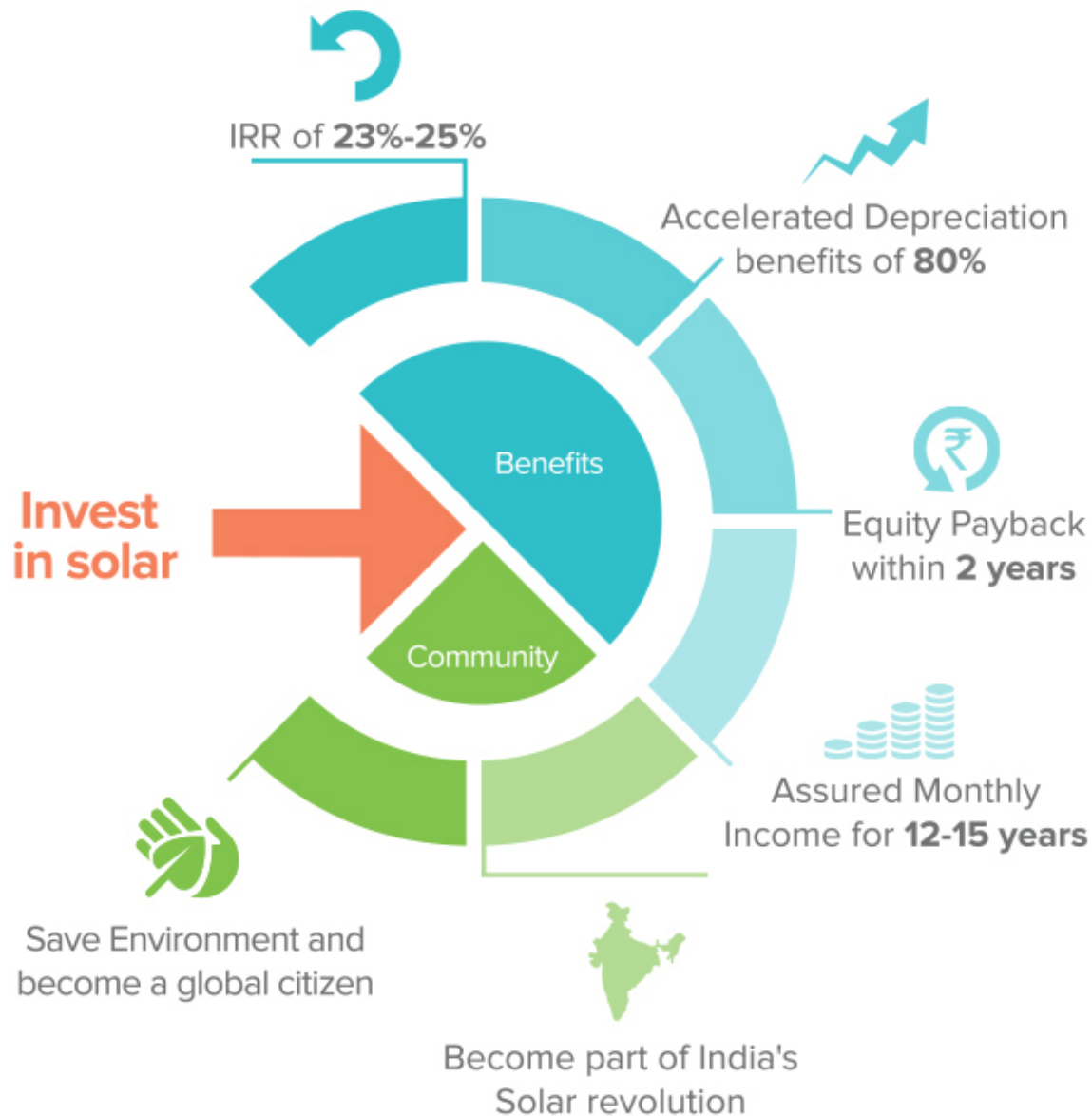


Build Operate Transfer



Build Operate Transfer

Investor Benefits



Build Operate Transfer

Client Benefits



- Complete turnkey solutions for kW and MW scale projects for both Rooftop and Ground Mounted
- Standard operating procedures for DC and AC side to ensure high degree of reliability and repeatability
- Team and advisory board (top level mentors from International Solar Industry & an experienced team to manage all the stakeholders)
- Drawings, check lists and documentations at each level to ensure quality of the PV Project
- Strong network for liaising and Regulatory Approvals
- Tie ups with Tier 1 component suppliers
- Quality Assurance team to ensure best generation
- Automatic Binning of PV modules to reduce mismatch losses
- Testing (PID and EL-Crack Test) and Approvals (Safety, Performance, Corrosion)
- R&D center at IIT Bombay for in house O&M techniques
- Affiliated with NCPRE, IIT Bombay

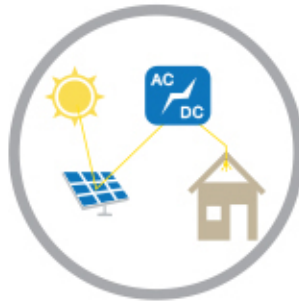


O&M

- Latest equipment used for diagnostics
- Regular health monitoring of Panels, Inverters and other components
- Reliable Instrumentation ensuring continuous monitoring
- String level monitoring: ensuring up to 2% more energy generation
- Meticulously designed Analytics Engine
- Fast error reporting and multi-level control action



Data Logging



Capture-Conversion-
Transmission (CCT)
level efficiency



Real time monitoring



Effective Treatment
strategy comparison



Alarms & control
action



Reports and Error
logging

Projects



Guru Nanak Institute of Technology,
Hyderabad - **100 kWp**



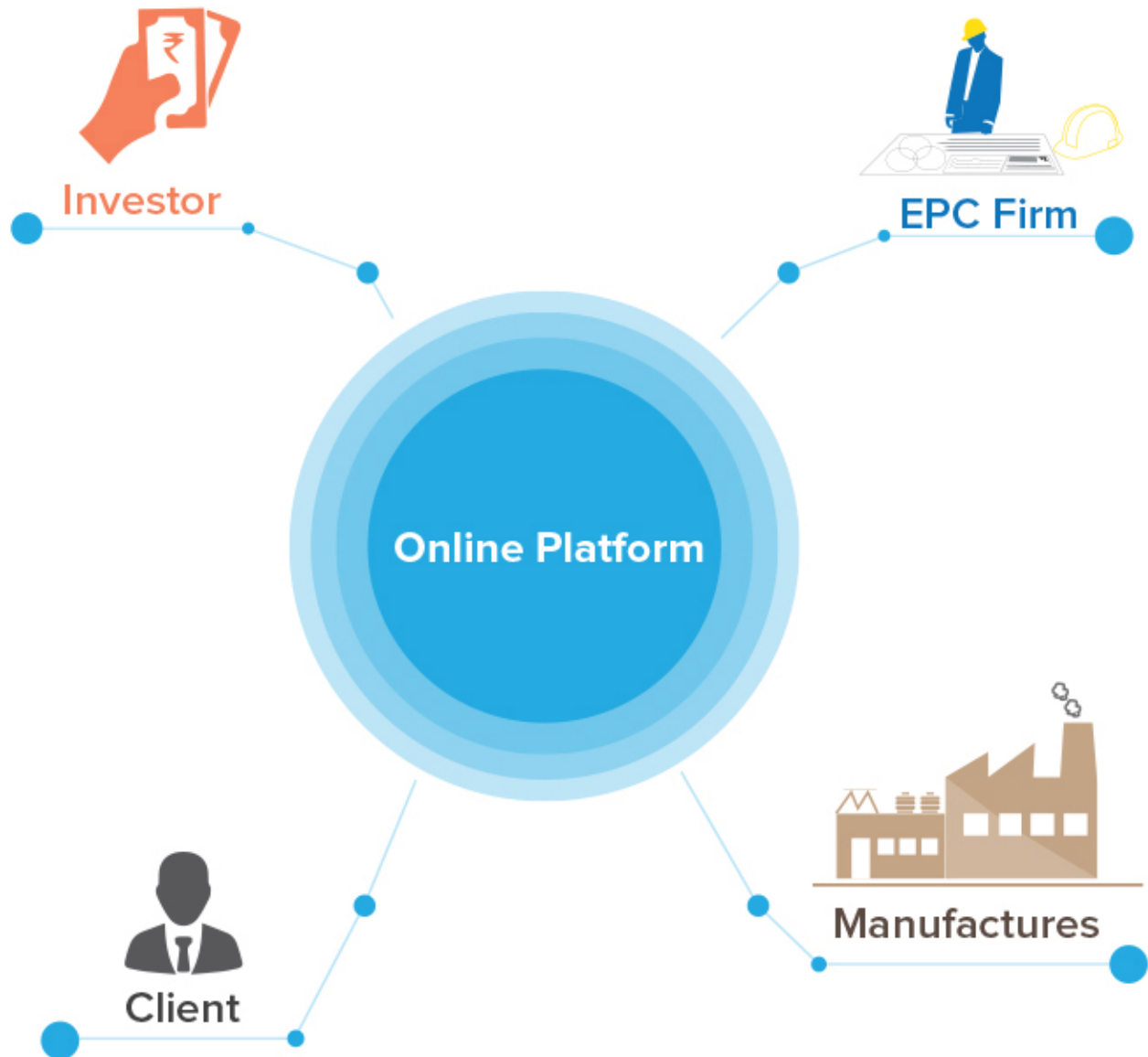
Panineeya Institute of Dental
Science & Research Center
Hyderabad - **75 kWp**



Sevens Rays Energy Pvt. Ltd.,
Mumbai (SVC Bank) - **22.5 kWp**

Online Platform

Bringing all stakeholders together





Our Associations



Featured On



Corporate Office: M- 08, 3rd floor, CSRE Building, SINE, IIT Bombay, Powai, Mumbai - 400076.

 info@kwattsolutions.com

 +9122 25728065

 www.kwattsolutions.com