

Harit Soni

Harit is the Co-Founder/Director of Ecolibrium Energy – a pioneer of Smart energy management solutions for the developing world using Big Data Analytics. Headquartered in India, Ecolibrium works with utilities (Power, Water & Gas), and its consumers, helping them reduce wastage and operational costs by creating energy intelligence from diverse sources resulting in savings ranging from 5-20%. Currently the company has more than 450 clients in India, Malaysia and the Middle East, handling 1400 MW of power, and monitoring more than 1500 nodes with nearly 100 Million data points flowing into the cloud servers daily for analysis and feedback to consumers using a web based portal.

Harit is a Telecommunication engineer from Bangalore Institute of Technology, and is a chevening gurukul from London School of Economics and Political Sciences (LSE). Prior to forming Ecolibrium, Harit has worked with various multi-national firms including KPMG Advisory and Infosys, and leadership roles in global youth organization, AIESEC, with working assignments across India, Canada and the Middle East

Harit has been recognized by various forums for his innovations in the Indian Power sector, including the TR-35 award by MIT's Technology Review Magazine- A recognition for outstanding innovators under the age of 35 for their continuing work in across sectors that have the highest impact locally and globally, and are changing our world.

In his spare time, Harit likes travelling to unexplored locales and trying exotic cuisines. Harit is also a biking and aviation enthusiast.

About Ecolibrium Energy



Creating Energy intelligence in a World Where every watt counts!

Ecolibrium: (n) A defined state of ecological equilibrium describing a pristine environment, which utilizes all the existing resources (Energy, Water, Air) in a sustainable and ecologically balanced manner

Background

Ecolibrium Energy was found in 2010 by Harit Soni and Chintan Soni, who started the company after corporate careers in KPMG, and Schlumberger/Pine Labs respectively. The company was selected for incubation at the centre of Innovation, incubation and Entrepreneurship (CIIE) at IIM, Ahmedabad, under a Re-Search program supported by MNRE, and Indian Department of Science and Technology. It was one of the first smart grid companies in India, and is now supported by IFC (World Bank), and Infuse Ventures (Investees include MNRE,BP, ICICI, among others).

Profile:

Ecolibrium Energy is a pioneer of Smart energy management solutions for the developing world, working towards creating a balance between rising demands on energy generation, and need for cleaner and efficient consumption, using Big Data Analytics.

In an era where cities and its residents are becoming smarter, Ecolibrium works with utilities (Power, Water & Gas), and its consumers, helping them reduce wastage and operational costs by creating energy intelligence from diverse sources using 'made-in-India' Smart Grid technology. Its consumers have seen savings ranging from 5-20%.

Clients:

Currently the company has more than 450 clients, handling 1400 MW of power and monitoring more than 1500 nodes, with nearly 100 Million data points flowing into the cloud servers daily and analysed, giving users real time feedback of their power consumption on a web based portal.

Some of the key clients include the Delhi Metro Rail Corporation, Bangalore International Airport, EESL (Govt. of India Company), Ashok Leyland, Ranbaxy, Fiat India, Coca Cola India, amongst others

Solutions:

Helping Utilities reduce Losses: At the time when T&D losses in India are as high as 20-40%, Ecolibrium helps utilities to monitor, analyse, and manage the energy distribution, providing them solutions for identifying and plugging inefficiencies, along with providing them with a platform to effectively engage with its customers for optimal utilization. The Gridsense® suite of products provide smart grid solutions such as Cloud Hosted consumer portals to enable power consumer to access their live energy consumption and costs on their laptops/phones, Transformer monitoring solutions, Peak level Management/Demand Side management solutions, etc.

Developing the Industrial Internet for Energy Efficiency: Ecolibrium also works with Energy Consumers and generators in optimizing the energy consumption and Generation using cloud computing technology and its Analytics Engine – Smartsense Insight®. Ecolibrium is a pioneer of Industrial Internet of things (IOT) in the developing world. The Smartsense ® and Greensense ® suite of products are a low cost solution for large Industrial, Commercial and Municipal consumers to removing the ‘energy consumption blindness’ by giving them access to real time analytics helping them reduce operational costs and introduce energy efficiency.

Awards:

- United Nations ‘Momentum of Change’ 2014 award for mitigating climate change using ICT innovations (Video Link: www.youtube.com/watch?v=qMCcf4xdBYw)
- WWF India Climate Solver Award, (Video: <https://www.youtube.com/watch?v=S8elySpwZyc>)
- MIT TR-35 Award,
- CII award for the most Innovative energy efficiency product of the year 2014
- GEC, Barcelona