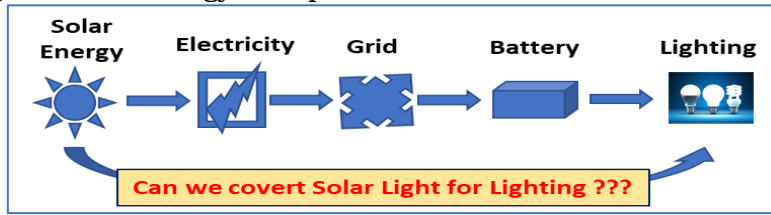


## Solar Direct Lighting Technology

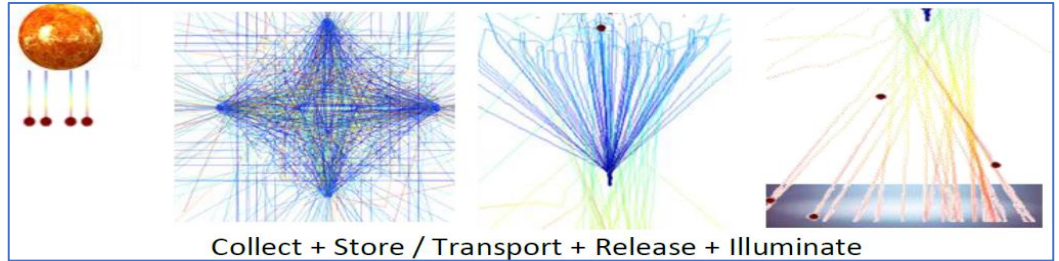
**Problem Statement**

Currently, solar light is converted to electric energy, stored in a battery, and used for Lighting. Will it be possible to use Solar Light, as it is, for Lighting without converting to electric energy? Is it possible?



**Our Technology**

Our unique technology using optical physics collect and store sun light and use it for outdoor/indoor lighting, as it is. Proprietary Direct Lighting Technology with Primary Ray Optics and Secondary Wave, Photonic Optical element enablers.

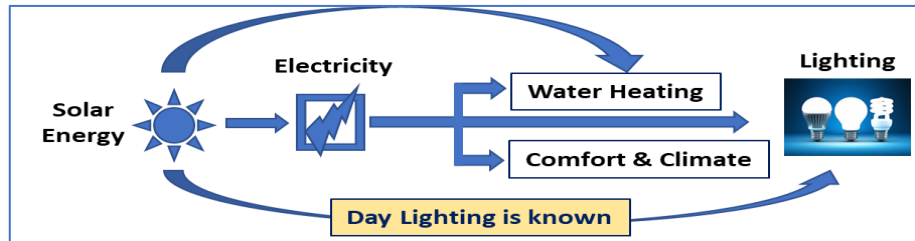


**Market**

Global lighting market, which is close to US\$115Billion, initially we could address for the outdoor and street light market

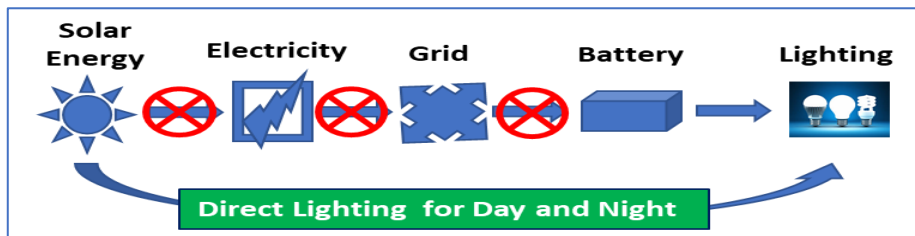
**Competition**

Very few Competitors (e.g., Parans, Solros etc) are known. However, their products are used, only when sunlight is available, meaning it is only for Day Lighting, bringing solar light to indoor by optical fibers.



**Competitive Advantage**

Low cost, 24x7 direct, Sustainable Lighting Solution



**Team and Advisors**

Dr.Raj CN Thiagarajan, Founder and MD of [ATOA Scientific Technologies Pvt. Ltd.](#), Ph.D from Cranfield University, UK and IITB alumnus. 25+ years of Industrial Research experience. Successfully and consistently delivered innovative solutions to MNCs in last 20+ years. Prolific Inventor (20+ US patents) with successful Engineered products in the Market.

Dr. Immanuel Selvaraj, Founder of [i-EL Technologies](#) Ph.D from IIT Kanpur – more than 16 years of experience in Technology, Innovation and Leadership in GE and SABIC. Co-Founder of Johnu-EL Technologies Pvt. Ltd.

**IP Status**

In the process of filing patents in Indian Patent office.