



Global Himalayan Expedition

Travel for Impact



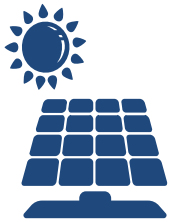
Key Challenges



300 million – Population in Mountain and Island Communities living without access to energy



Fragile Ecosystem – Potential for tourism development and economic growth



Untapped Solar Potential - Perfect for Solar based Energy generation due to high solar radiation levels



World's Oldest Civilizations, need for sustainable lifestyle – Minimizing waste generation





Remote Off beat Tourist Destinations - 14500ft





Biodiversity





National Park





Tourists Resorts at 14500 ft

10 Resorts in 2008



467 Resorts in 2017



.2 million Tourists Arrival in 2017



Challenges at Pangong Tso Lake

- Overcrowding Tourism: .2 Million Tourists in 2017
- Pressure on Local Resources – Water
- No Sewage Facilities: All Sewage into the Lake
- No Local Biodiversity Left
- Excessive Atmospheric pollution: 500 Vehicles/day in 2017
- All Tourists Resorts using Diesel Gensets
- Approximately 5625 Tons of CO2 generated in 6 months





Policy Execution By Local Government

- Local Ladakh Government : Survey and Assessment
- Inputs on Camp Relocation
- Local Community Involvement
- Leasing of Local Land for Resort setup
- Incentive on Waste Deposit by Tour Operators
- Mitigation of Diesel – Promotion of Solar Systems



PPP model for Solar Nanogrids for Resorts

- 30% Subsidy provided by Local government
- 70% To be contributed by resort Owner
- Localization of Solar System installation Skills
- Repair and Maintenance by Local Community
- Portable Solar Nano grid systems
- 350 Resorts signed up for systems in 7 days
- Savings of Approx. : 425675 Gallons of Diesel /Annually

**Model to be replicated in
6 more Destinations with 1200 resorts**



Let there be Light!

