

Concept note on Holistic development of any Village or Community through Solar Mini/micro grids

Who we are? We are BOOND Engineering and Development P Ltd. a social enterprise founded in 2010 promoting alternative energy in Rajasthan, Uttar Pradesh, Delhi NCR and other northern states of India and now expanding its base in the Eastern and North Eastern part of the country too. We are specialized in providing customized solar solution across the spectrum of various solar products and applications. BOOND's identity is well established as a social enterprise that is driven by its social mission to serve the underserved. At BOOND, we realize how access to energy can catalyse India's cohesive and inclusive development and that access to energy is a primary driver for development. The different areas of interventions carried out by BOOND are

1. Education
2. Health
3. Socio economic development

The projects carried out by BOOND result in a positive impact on health, education and socio economic development of the target community. The program of BOOND is designed specifically for each area of intervention.

What is the project? Holistic development of villages through Solar Minigrids:

- Sustainable Development Goals (SDG) cannot be achieved without drastic improvements in the economic and social conditions of villages where poverty continues to be endemic and persistent.
- While providing electricity is critical for improving the economic and social conditions of villages, promotion of sustainable farming and irrigation services, development and enhancement of local microenterprises, clean cooking fuel supply, clean drinking water, health and sanitation services, waste management, clean local transportation, development and enhancement of local microenterprises, IT services and training and local capacity building are equally important for the sustainable growth of new local enterprises, jobs and income of the rural community.
- We simply believe that to achieve this, we will need "Energy" (through mini/microgrid) as a catalyst or fulcrum of the changes, which we dream to bring

What we did till date?

- We have till date built nearly 40 micro/mini grids (ranging 1kWp AC/DC to 5kWp AC) in various location of UP, mainly in Unnao district
- We have a manpower and expertise to build such grids in quantity and quality. Beyond the technical capabilities which are essentially required we have a team of community influencers/managers who are expert in mobilising community and they are from diverse background to take care of the holistic approach we are talking about.

How it impacted?

- Nearly 1500 families are impacted by our 40 MGs till date; we have made more than 40 small entrepreneurs in these villages with nearly 7500-8000 satisfied and interested customers.
- We have positively changed the lives of women and children and set them free from the clutches of kerosene oil lantern, diyas and dhibris and related accidents.

- Students are happy that they have a flexibility of studying, as they get the reliable and quality light, as and when they need
- Women are now cooking food in light and are free from using kerosene oil lanterns which is unhealthy and risky too.

What are possibilities/Opportunities?

- “Smart Cities” Programs started in many cities will also depend significantly on the economic and social progress of villages since better incomes in agriculture and more jobs in villages will significantly reduce the flow of immigrants to the cities.
- We are planning the program of “Smart Village through ecosystem development” the primary requirement is to make our village economically strong and work on the village GDP to make the same robust, ever growing and self reliant
- Boond has a dream to be a driving force in building atleast **100 such villages by 2022.**
- To achieve this dream we are looking for likeminded partners, impact investors, philanthropist to take this journey and be a part of our journey to make it yours too.

How you can contribute? One can contribute by funding or be a facilitator for least 1 and as many project, out of this 100 village program, to take this journey forward.

You can reach us to know the details and way to be our partner by writing to us as per the below mentioned detail.

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