



Coastal villages in Bangladesh are Brightened by the Solar Energy

A local Initiative Under **E**Co Village Project

IMPACT BY OUR INITIATIVES

Banishanta Union is the first Solar Union in Bangladesh declared by the local Government in 2018

Approx 11,000 villagers of 3,000 families have been benefited through solar home system, solar lamps, solar battery, solar generator and community digital center

Increasing the number of solar energy usage from 10% to 70% in just 5 years in Banishanta union

Decreased kerosene usage from 80% to 10% and saving 200-600 BDT/month/family from buying kerosene

Multimedia class has been introduced in rural remote coastal areas

Small business are being conducted by communities by using solar energy



Activities summary:

Approx 3.5 million coastal people's life and livelihoods depend on the World single largest mangrove forest Sundarbans. But, the Sundarbans coastal people don't concern for conserving this ecosystem. Most of the coastal area is also non electrified and living in dark at night due to lack of electricity and increased kerosene price. So, BEDS has taken comprehensive initiatives to solve these major problems without harming ecosystem. Under the initiatives, installed two solar stations and distributed solar lamps, home systems and generates among 3000 families. As a result approx 70% families of our project area are now using solar energy where the percentage was only 10% in 2013. Communities are conducting small business by using energy. Local government has declared first Solar Union in Bangladesh. Our target is to cover 100% families will come under renewable energy by 2020.

Reference:

1. National TV (RTV) news on Eco Village
<https://www.youtube.com/watch?v=NKRteC7vM9I>
2. NatureforAll published success story
<http://www.natureforall.global/success-stories/2017/8/29/bangladesh-environment-and-development-society-beds>
3. National TV (RTV) news on impact of Solar activities
<https://www.youtube.com/watch?v=LK33lqx-Tog>
4. National TV (RTV) news on impact of Solar activities
<https://www.youtube.com/watch?v=L1Xh3sFGLvg>
5. National TV (RTV) news on impact of drinking water support activities
https://www.youtube.com/watch?v=hqb_93w9weU
6. National TV (RTV) news on dialog at national level on Eco Village

<https://www.youtube.com/watch?v=kBfqNyM8x4U>
7. Connect4Climate published success story

<https://www.connect4climate.org/article/solar-lamps-brightened-coastal-villagers-lives-bangladesh>

8. National Daily English Newspaper Daily Star published the success of solar activities
9. <http://www.thedailystar.net/backpage/solar-lamps-brightened-their-lives-1340548>
10. National Daily Bangle Newspaper KalerKantho published the success of solar activities

<http://www.kalerkantho.com/print-edition/last-page/2016/11/23/432433>

11. NGOs news published our success on the effects of our drinking water support activities

<http://ngonews.com.bd/2016/11/03/bedss-grass-roots-initiative-for-solving-this-drinking-water-problem/>

<http://ngonews.com.bd/2016/11/03/why-drinking-water-crisis-is-so-acute-in-the-coastal-region-initiative-needs-for-sustainable-solution/>

12. Donor webpage about our Eco Village
http://www.greenfund.org/en/m51_3.php
13. About our grass-roots activities

<https://www.youtube.com/watch?v=yBPBmWRNE2c>

SOLAR ENERGY IS CHANGING THE COASTAL LIFE



Students are charging their solar lights from solar station and read at night



Solar energy promotional education program is being conducting among the students and villagers



Multimedia class has been also introduced at the non electrified area by the solar energy



Non electrified coastal communities working at night by using solar energy



Villagers are doing small business by using solar energy

