

SOLAR COOKER FOR VULNERABLE AND COSTAL AREA ,

Bangladesh is located in South Asia, bordered by India in the north, the Bay of Bengal in the east and west, while Myanmar surrounds it to the south. Bangladesh is the eighth most populous country in the world. Officially known as the People's Republic of Bangladesh. The country of Bangladesh is in the Asia continent and the latitude and longitude for the country are 23.8511° N, 89.9250° E.

In Bangladesh there exists a huge area of riverside and land masses locally know as CHAR LAND where lives approximately over 5 million people and their livings are highly vulnerable to sudden and forceful natural calamities like Tidal Bore, Flooding, Hurricane as well as erosion and loss of land which make their living both hazardous and insecure. Many Char dwellers struggle to or buy enough food to eat and malnutrition and micronutrient deficiencies are more common than elsewhere in the country and in this deplorable situation they are not assured with a minimum infrastructural support like Power and Energy due to lack of which even they can't Cook their daily meals regularly and have to pass in the darkness at night without electricity

For such a vulnerable area and its dwellers SOLAR COOKER is the best option to solve their need in respect of preparation of their daily meals side by side the concept of SOLAR COOKER should be change to ELCTRO SOLAR COOKER with an addition of small solar panel(5w-10w), controller, and storage at the (bottom of the cooker) which will ensure the lighting of their 2 room house by 2 x 3w LED Lamp in Plug & Play way and user will get both the fuel and power from one arrangement.

With the introduction of ELECTRO SOLAR COOKER to such vulnerable areas and people in the world , undoubtedly world will be saved from the deforestation thus the effect of greenhouse will be less.

In respect of commercialization of this type of SOLAR COOKER, International OEM should come forward with their best possible innovation and development which will address maximum need of people of these vulnerable areas like Bangladesh and similar localities of the world in respect of price economy and Maintenance and operational convenience.

To commercialize and familiarize such COOKER International Dooners, Agencies and Subsidizers have to play great role with the offering of their most of the available resources to the Manufacturers, Middle Traders and End-users of this type of Cookers as incentives..

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