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OPEN-WINDMILL

Who we are and what we do

We from OPEN-WINDMILL green desert are a non-profit association, which has made it its task to enable many people in this world to have their own water supply.

Access to water is a basic right

For 2.2 billion people on all continents, access to clean water would mean the into a new, hopeful future for 2.2 billion people on all continents. The main beneficiaries would be people and families in poorer regions - and especially in rural areas. Their essential concern is the basic right to a self-determined satisfactory water supply.

A reliable water supply is an absolute prerequisite for all the projects we have developed so far. Without drinking water for people, livestock and water for agriculture, any attempt at agriculture, every attempt of a self-determined civilization fails.

Our KUKATE wind pumps built within our non-profit association OPEN WINDMILL - Wind pumps are on the level of a "medium technology" available to most people. technology".

Help for self-help

This enables many people to manage their own water supply within their means. water supply themselves. The core of our concept is to provide, free of charge, construction plans and with the aim of creating their own autonomous and efficient water supply.

With our activities we develop together with the local population sustainable concepts. We adapt these concepts to their respective needs with our offers and enable them to implement them on an artisanal level.

Free access to proven KUKATE construction plans

The self-construction concept developed in the environment of Prof. Dr. Horst Crome within 30 years. KUKATE has proven itself hundreds of times on all continents. The now available efficient wind rotors are the culmination of our many years of development work.

With our free OPEN WINDMILL materials, we make it possible for a great many people to use wind energy for their own use.

Self-determined water supply

The construction plans of the KUKATE wind energy converters satisfy the essential needs for a reliable self-supply with water. Associated with this, it forms the basis for economic activity and supports local proven economic structures and the ecological ecological livelihoods. At the same time, it reduces the risk of wind-pump self-builders to become dependent on others.

Worldwide transfer and exchange of experience

Our medium- and long-term goal is, besides our concrete OPEN-WINDMILL construction plan offers is also to build up an international network of engineering scientists in order to share their successfully disseminate its wealth of experience as part of OPEN WINDMILL development aid activities.

Economically, ecologically and politically adapted technology

Our water self-sufficiency concept, which is suitable for so many parts of the world, meets criteria of an economically, ecologically and politically appropriate technology. Wind energy use is one of the of the soft technologies. It has a marginal impact on people and the environment. It is inexhaustible.

Realizable technology

OPEN-WIND-KUKATE wind turbines are of a size that can be handled by humans without large transport or lifting equipment. They are extremely simple in design - without pneumatics, hydraulics or electronics. Capital costs are low because of self-assembly. The components and materials do not lose their value. They are completely recyclable.

The plan:

We are only at the beginning of our project and need further the cooperation of many experts in technical and organizational areas. In any case, the construction plans and other information on this website will be translated into as many languages as possible.

We finance our work exclusively through donations



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