



Nordic Folkecenter for Renewable Energy



inform | inspire & involve | test & demonstrate

*Solar Energy | Wind Power | Biogas | Biomass
e-Mobility | Sustainable Architecture | Wave Energy
Power Balancing | Community Power | Technology Transfer*

COLLABORATION WITH ECOPRENEURS AND GREEN SMEs

A sustainable planet needs creativity and innovation –it needs ecopreneurs and green small and medium-size companies (SMEs)! Entrepreneurs and SMEs that provide sustainable solutions have a major role to play in the transition to 100% renewables. It is essential to make the most of their creativity and innovation potential by helping them overcome the barriers they may encounter to develop their products and services, enter the market or be competitive and economically sustainable.

We support ecopreneurs and green SMEs in product development and testing, idea-to-market processes, fund raising, market analysis, business strategy definition, internationalisation, training of staff and teams, networking and event organisation.

If you have a brilliant idea or if you are an ecopreneur or green SME, don't worry, you are not alone – we are here to help you!



RENEWABLE ENERGY TRAINING & INFORMATION

The transition to sustainable energy systems requires well-informed societies and skilled and knowledgeable professionals!

We offer a wide range of training and education programmes and activities meant to meet the main needs of current and future professionals in the field. Workshops, conferences, renewable energy courses or the trainee programme are some of the examples. All these activities and programmes are supported by our International Network for Renewable Energy Training and Education, which enables training and education activities to take place all around the world.

We work to keep politicians, decision-makers, concerned consumer groups and the wider public well-informed about existing alternatives by producing informative material and participating in meetings, debates and several other activities.

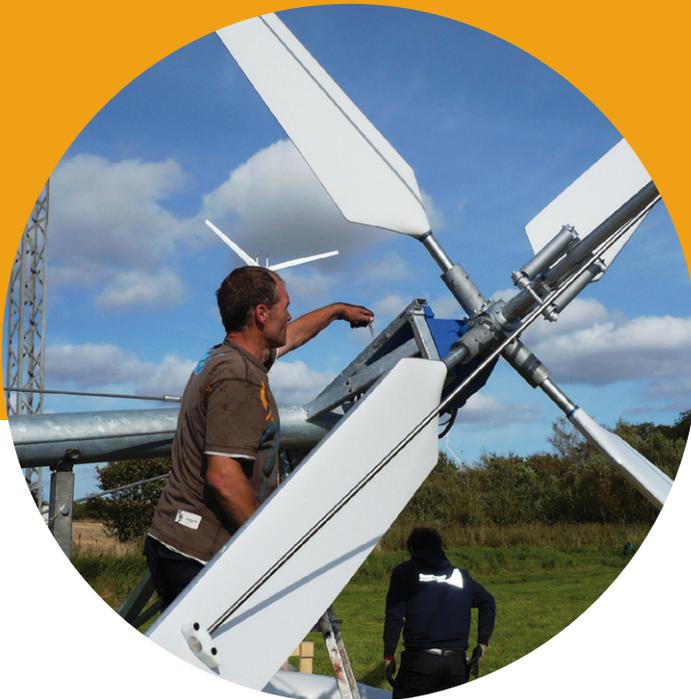


RESEARCH & DEVELOPMENT

As in any learning process, new challenges arise and new opportunities are perceived continuously. In other words, there is a constant demand for improved knowledge and solutions!

We carry out research and development projects in collaboration with Danish and international universities, research centres, SMEs, local authorities and other civil society organisations. New energy solutions, improved products, tools for local authorities or energy policy recommendations are some of the outcomes of these projects.

Practical expertise and years of tight collaboration with different actors that are making the energy transition happen are our added value as partners of any research project. Furthermore, in all our projects our objective is to make sure that the newly developed knowledge or solutions do not land in a drawer, but reach the right actors or markets.



TESTING & DEMONSTRATION

There is no unique solution to solve all of the world's climate and energy problems –different energy sources and renewable energy technologies have to work together!

Our living lab, the Village of Green Research, demonstrates how various energy solutions can be combined to achieve the ultimate goal of 100% renewable energy. Small wind turbines, photovoltaic panels, combine heat and power plants, biomass-fired and electric boilers, heat pumps, solar thermal collectors, thermal storage, district heating network and sustainable ways of transportation are all integrated in order to meet the electricity, heating and mobility needs of the various energy-efficient buildings and the people who work and live here.

The lab is equipped with testing facilities to examine and further develop prototypes and commercial products. Among others, it is possible to test small wind turbines, photovoltaic panels, and wave energy. Moreover, we provide certificates for small wind turbines and we have a second test station for small wind turbines on the way.

Our lab is open to the public and receives more than 6,000 visitors every year. You are also welcome to visit us or rent our facilities to make your green events outstanding!



TRANSFER OF KNOW-HOW & BEST PRACTICES

Let's not reinvent the wheel! We support national and international collaboration and knowledge sharing for a fast, resource-efficient and cost-effective transition to sustainable energy systems.

For many years we have been working to make up-to-date know-how and best practices in renewable energy and energy efficiency accessible for Denmark and the entire world. We have cooperated with local industries, NGO's and governmental authorities in Europe, Asia, Africa, North- and South America to install biogas digesters, wind turbines, solar systems, district heating networks as well as integrated systems and to improve and develop sustainable energy policies. We participate in national and international projects and organise ready-made and tailor-made study tours in Denmark.

We collect the best available knowledge from all over the world and help you make it yours.



IMPLEMENTATION OF RENEWABLE ENERGY IN DEVELOPING COUNTRIES

Everybody needs clean energy! Lack of access to clean and modern types of energy is one of the main and most urgent energy challenges to be faced.

We have organised solar lighting projects in Africa since 1998. Folkecenter in cooperation with local NGO's and suppliers has installed solar systems in over 300 rural schools in Mali, Uganda and Burkina Faso. Folkecenter's project "Light over Africa" aims at solar lighting in 10,000 village schools in the above-mentioned three African countries.

Over the years we have also been involved in biofuel projects with jatropha, mini-grid installations, tree nursery, green business creation and others. Much of this work has been carried out in collaboration with our two sister organisations in Africa, Mali Folkecenter NYETAA and JEEP Folkecenter Uganda.



*The Nordic Folkecenter for Renewable Energy
is a Danish non-profit independent
organisation working for a world running
on renewables since 1983.*

Our ultimate long term goal is a complete replacement of fossil fuels and atomic power with renewable energies & energy savings while promoting the sustainability, resilience and development of local communities around the world. For this purpose, we have collaborated with local civil society organisations, research and education centres, companies, professionals and governmental authorities from all over the globe for decades.

Among others, we are an active and founding member of the World Wind Energy Association (WWEA), the European Association for Renewable Energy (EUROSOLAR), the European Renewable Energies Federation (EREF) and the International Network for Sustainable Energy (INFORSE). We are also the Danish coordinator of EUROSOLAR and the European Solar Prize.



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