

DECLARATION

from the

3rd International Conference/Workshop on Small and Medium Wind Energy

hosted online by

Nordic Folkecenter for Renewable Energy, Denmark, 27th-30th April 2020

Small and medium wind turbines – including micro- and mini-turbines – are in demand in many parts of the world. They are used in different applications – on-grid, off-grid, grid-backup and water supply, water desalination, and frequently in hybrid energy systems.

In off-grid, the smallest wind turbines are increasingly finding new opportunities to power sensors, lighting, control-, security-, monitoring-, and communication systems, IoT devices etc.

Small and medium wind turbines are of special importance on remote sites, where they can replace fossil fuel consumption in conventional combustion engine generators. They can also contribute to local empowerment, e.g. by local manufacturing.

Participants of the conference call for continued increased awareness of the opportunities of small and medium wind turbines and the many uses they can be put to.

The industry itself is working toward improving its competitiveness e.g. by new products, applying and developing standards and adapting systems to better meet customers' expectations. Furthermore, the availability of open source d.i.y. plans for data, building wind turbine systems, allows e.g. for practical education, collaborative research and development efforts and for energy consumers to by yourself reach for energy independence.

Energy from small and medium wind turbines is indeed a key to energy independence, in areas with suitable conditions.

While the scourge of the Covid-19 pandemic has shown the vulnerability of societies in times of crisis, participants of the conference call on the public, authorities and organizations, to consider deployment of small and medium wind turbines as means of energy supply, not only for regular use, but for use during power outages, in emergency situations and disaster relief. For this, a better policies are needed in many countries.

We envision a more environmentally friendly and robust future society, where energy is increasingly generated where it is used, be it from solar, hydro, wind or other renewable energy sources, and often in combination with different technologies.

Where there is wind and otherwise favorable conditions, we call for 'a small or medium wind turbine for every power consumer'.

Agreed on April 30th, 2020

The participants represented were public utilities, universities, the private sector and NGOs.