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Wind-it and Towerco of Madagascar (TOM) launch the first commercial pilot of Wind-it, a built-to-energy telecommunication tower integrating vertical axis wind turbines



The Wind-it tower constitutes a key new step in technical innovation for off-grid/poor-grid telecommunication sites.

Thanks to its bespoke patented structure, up to four vertical axis wind turbines can be integrated into a 30 to 80m high tower which in turn is capable of hosting numerous mobile network operators.

The resulting autonomous energy production generated from the core wind turbines and a complementary mini solar unit can reduce or even entirely avoid the necessity for a costly, polluting traditional diesel generator.

In addition to this primary role, the fully modular Wind-it tower can be configured to produce energy surplus, thus contributing to local electrification.

A commercial pilot agreement has now been signed with TOM, a Tower company based in Madagascar, within the framework of the rural extension of TOM network, which favours autonomous and renewable power generation solutions.

The expansion of mobile phone networks, an increasing sharing of telecommunication towers through colocation and the growing environmental concerns drive the development of Wind-it.

The initial target market is Africa where ten thousand telecommunication towers should be built in the next five years.

About:

Wind-it SAS is a French start-up, launched in 2014, whose purpose is to provide energy supply solutions for off-grid or poor-grid sites, especially for telecommunication towers. Its first product is a telecommunication tower incorporating vertical axis wind turbines. Wind-it shareholders are DFI Telecom, specialized in telecommunication towers; Egis, an international group offering engineering, project structuring and operations services; Elioth, an Egis entity specialized in complex structures and innovative systems for energy and environment; and Ergos Energy, a consulting company specialized in the energy sector. More information: www.wind-it.fr

Towerco of Madagascar (TOM) is a Tower Company building, owning and operating passive telecommunication infrastructures in Madagascar. With a 800 towers infrastructure park, TOM is the leader in telecommunication infrastructure in Madagascar.

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