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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 is an important technical innovation for off-grid/poor-grid telecommunication sites.

Indeed, this tower, thanks to its patented structure, could integrate one to several vertical axis wind turbines into a tower of significant height (50m in the model presented hereby) while co-locating several mobile operators.

It could thus produce power in an autonomous way and, coupled with mini solar installation, allows to considerably reduce - or even avoid - the use of traditional, expensive and polluting solution: a generator supplied with fuel.

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

An agreement for a commercial pilot has just been signed with TOM, a Tower company based in Madagascar, within the framework of the rural extension of TOM network, extension which favors autonomous and renewable power generation solutions. Setup is scheduled for the third quarter 2016.

Expansion of mobile phone networks, increasing sharing of infrastructure through colocation, and growing environmental concerns are the drivers fostering the development of this solution. The initial target market is Africa where ten of thousand telecommunication towers should be set up within 2020.

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, design office 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, TOM is the leader in telecommunication infrastructure in Madagascar.

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