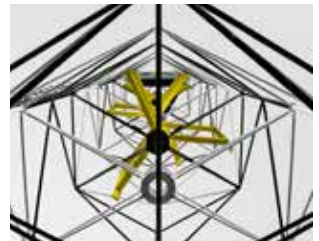
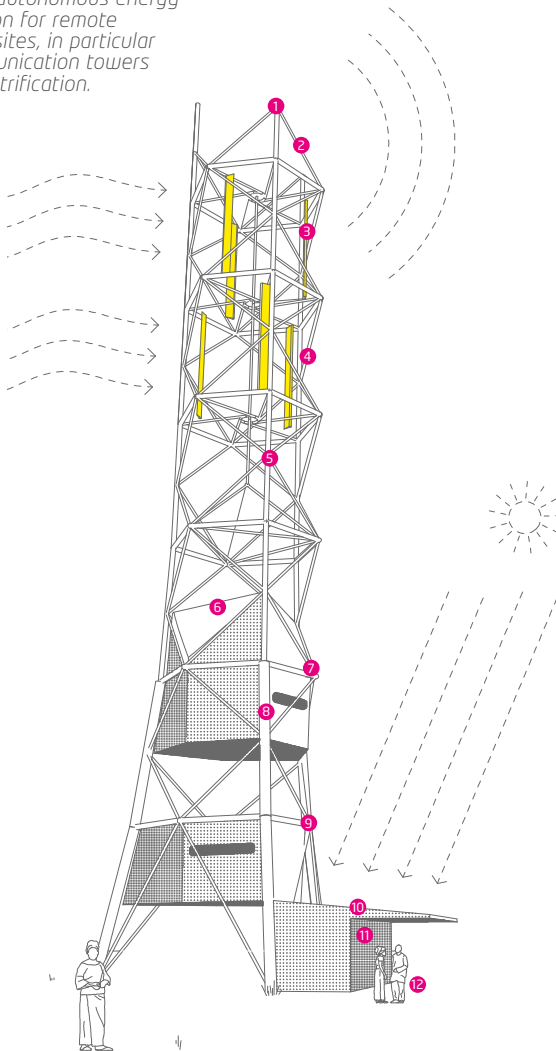


The micro-grid of the future

Wind-it is an autonomous energy supply solution for remote and isolated sites, in particular for telecommunication towers and rural electrification.

 Winner of the 'Grand Prix' of Engineering 2015

 Winner of Metropolis - Next Gen Prize




- 1 HEIGHT 41m
- 2 MULTI-OPERATORS TOWER
- 3 VERTICAL AXIS WIND-TURBINE #1 5kw
- 4 VERTICAL AXIS WIND-TURBINE #2 5kw
- 5 SKELETON IN HIGH POSITION IN STEEL
- 6 UPPER OBSERVATION DECK
- 7 SHELTER #1 ~25sqm (+ MEZZANINE)
- 8 SKELETON IN LOW POSITION IN TIMBER OR BAMBOO STRUCTURE
- 9 SHELTER #2 ~30sqm
- 10 PV SOLAR PANELS ~45sqm 8kWp
- 11 ENERGY SHELTER ~ 20sqm INCLUDING ELECTRICITY STORAGE
- 12 CHARGE FACILITY FOR ELECTRICAL MOBILITY

Wind-it, a living and working invention which was nourished by Elioth from day one. A dedicated start-up, 'the Wind-it company' was created in 2014 to accelerate the product's development. It is currently reinventing and advancing an entirely new field of telecommunications which will result in significant energy savings as part of an independent, low maintenance infrastructure. An extended benefit of Wind-it is that it has significant advantages as a reliable, 100% renewable energy solution for rural electrification. This project has been the subject of patent application and is first and foremost the pooling of Elioth's inventive know-how: geometry, structure and renewable energies. Identifying and understanding the parameters which allow us to redefine and solve new cost-effective solutions for vertical axis wind turbines.

Design: Elioth (Structural design, micro-grid design & engineering)



See more on wind-it.fr
 Flythru of [Wind-it pilote in Madagascar](http://wind-it.pilote.in.madagascar)
 Dedicated page on Elioth website
 Tailored version of Wind-it by 169-architecture

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