

An Introduction to Zephyr's Initiatives in Africa



Who we are?

Zephyr Corporation is a manufacturer of small wind generators and related products. In overseas we focus on promoting the 1kW micro wind turbine “Airdolphin.”

1

Ultra Light Weight

Ability to deploy in mountains, islands, and urban rooftops.

2

Robustness

Continued operation with minimum maintenance.

3

High Efficiency

Quick response to wind changes improving efficiency.

4

Low Noise Level

Suitable for residential and commercial districts.

5

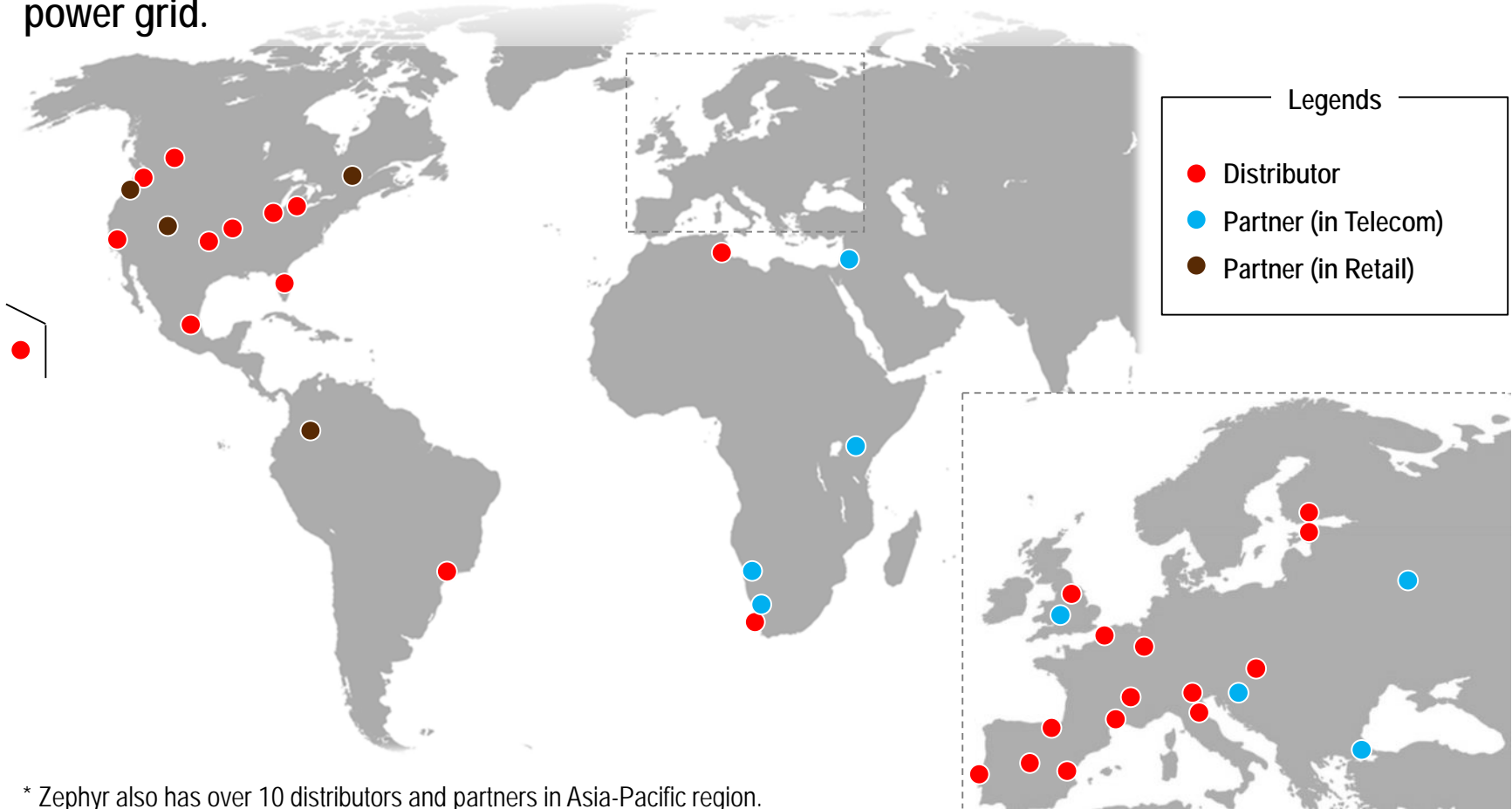
Aesthetics

Designed to match and blend in with the environment.



Where we are?

Zephyr is offering products and services around the globe*, including regions without power grid.



What business is?

We bring solid value for telecommunication operators who have critical issues of the increasing expenditure to run base transceiver stations (BTS-s) in remote places.

Customer

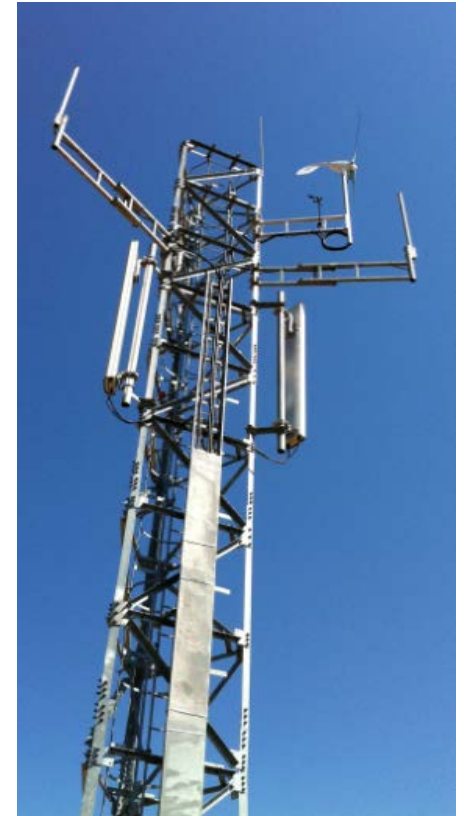
- Telecommunication operators
- Integrators offering integrated system and service for operators

Issue

- High cost for refueling (oil, labor, transportation, etc.)
- Expense for maintenance of diesel generators
- Risk of fuel theft, burglary attempt, and vandalism

Value

- Cut OPEX with unlimited local natural energy - wind
- Long-lasting operation by robust structure
- Low CAPEX due to no independent tower needed
- Easy installation by light weight and compact body
- Much less space required than PV modules



Western Cape, South Africa

- No power grid at an isolated mountain-top
- High cost for refueling and maintenance
- Continuous strong wind exceeding 6 m/s
- No space to install tens of PV modules



How to succeed?

The key success factors are 1. Partner, 2. Solution, and 3. Finance.

