

Greenet



The network of Horizon Europe
Cluster 5 National Contact Point.

Strategic Innovative Initiatives LLC

Prof. Dr. Tarik OZKUL, CEO



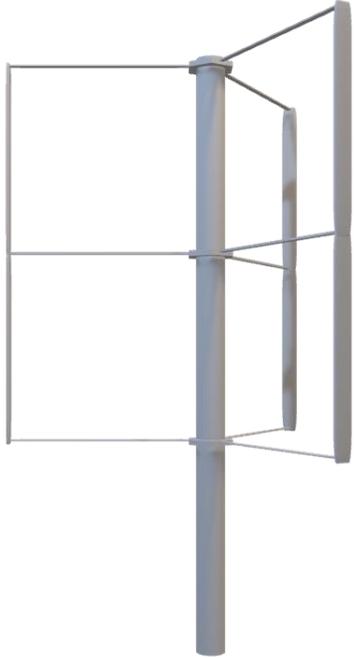
The GREENET project has received funding from the EU Horizon Europe programme under Grant Agreement No 101069604

Two AWARD Winning Technologies

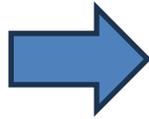
- AeroFOLD - Wind Turbine Technology
- solarSCAPE – CSP Solar collector technology



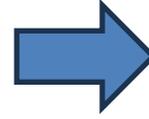
AeroFOLD – Storm Resilient Wind Turbine Technology



Operational



Folded



Tilt-down



One feature →

Radical Results



10% weight

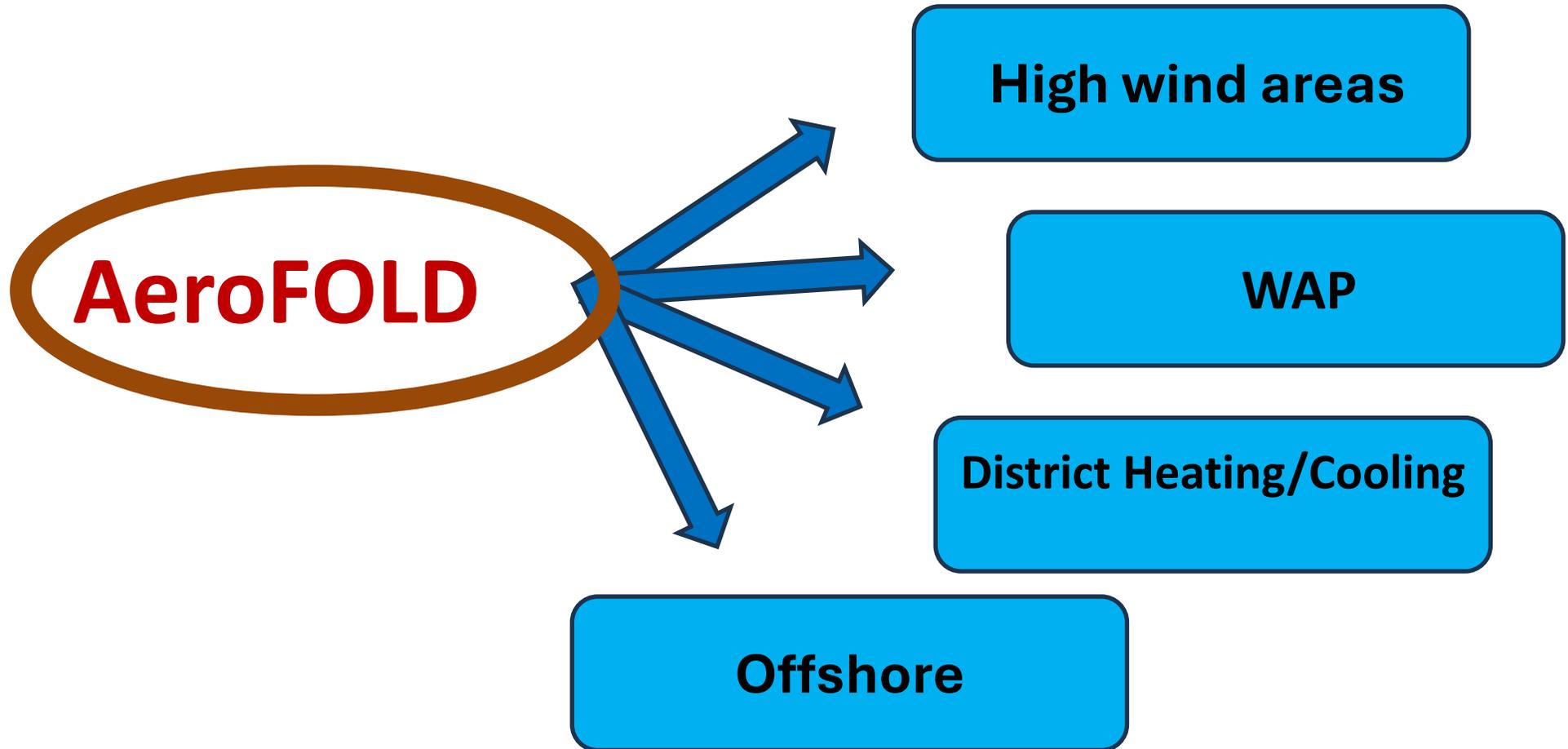
**Simple
foundation**

Quite

Omnidirectional

“Residential Friendly”

One feature – Opens new markets



AeroFOLD is selected by **IMO** for
marine decarbonization



PAID pilot test **St. Kitts and Nevis**

Calls we are interested

- **HORIZON-CL5-2026-04-Two-Stage-D3-02:** Next generation of renewable energy technologies
- **HORIZON-CL5-2026-09-D3-03:** Innovative technologies and solutions to improve wind energy systems supporting the Strategic Energy Technology (SET) Plan on wind
- **HORIZON-CL5-2026-06-Two-Stage-D5-10:** Disruptive Technologies and Innovative Concepts for Energy Saving Onboard of long-distance ships (ZEWT Partnership)
- **HORIZON-CL5-2026-05-D5-11:** Ports of the future (ZEWT Partnership)



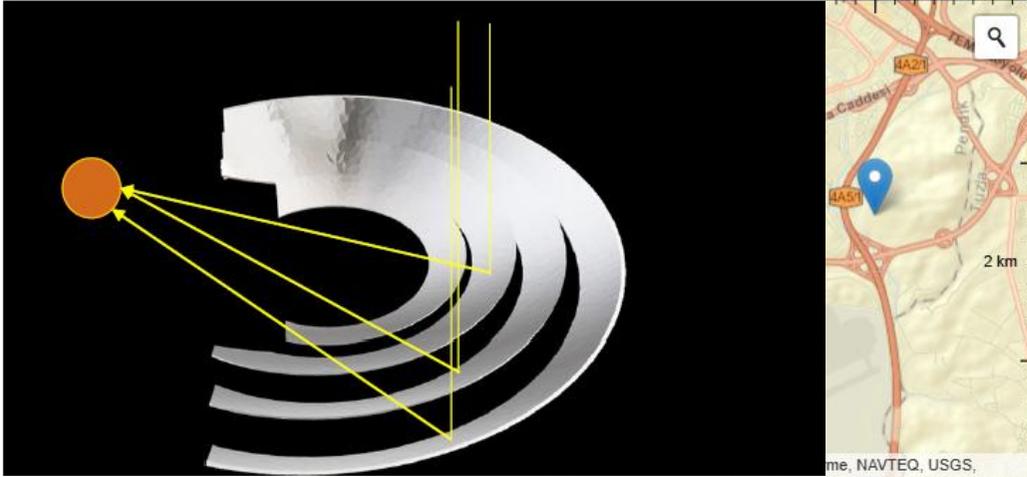
- Sculpt the earth and turn it into solar collector
- Near automated, minimum intervention
- SRTA type construction
- Near perfect parabolic reflector
- Giant solar collectors optimized for latitude
- Automated, no water cleaning



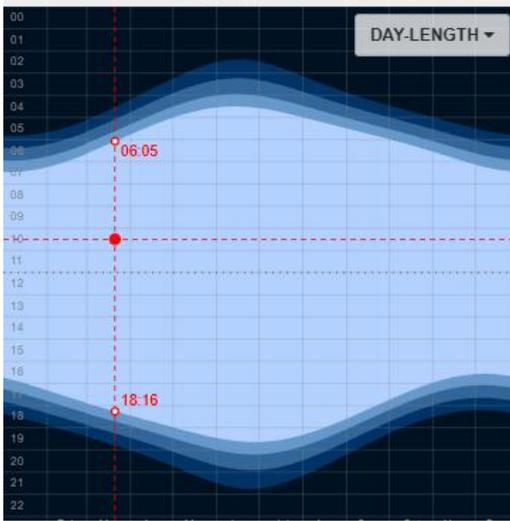
What is it good for?

- Desert sand,
- Hillsides
- Building facades
- Natural depressions
- Architectural marvels

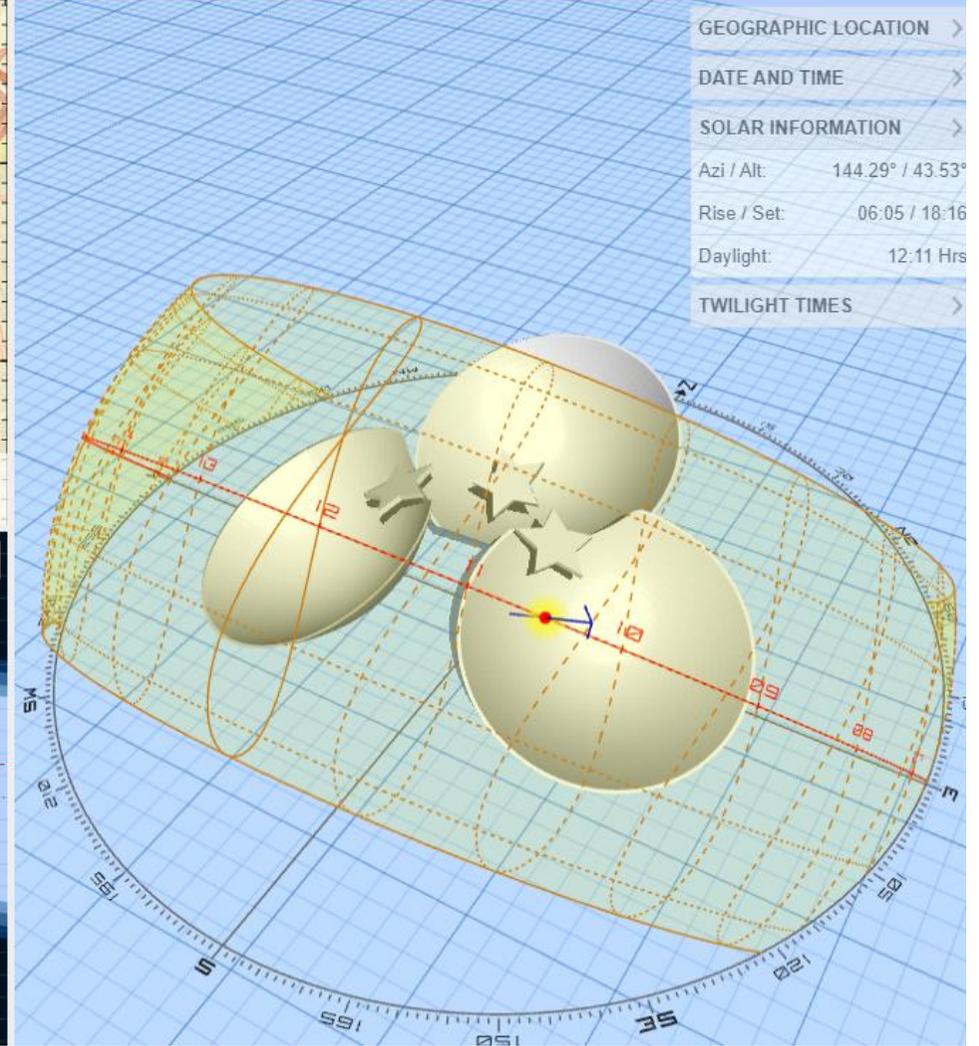




Intermap, IPC, NRCAN, Esri Japan, METI, NAVTEQ, USGS, (Thailand), TomTom, 2012



- Green Hydrogen,
- Ammonia,
- Desalination,
- Utility scale energy
- Industrial heat generation



Calls we are interested in

- **HORIZON-CL5-2027-02-D3-07:** Concentrated solar thermal systems for decarbonizing industrial processes
- **HORIZON-CL5-2026-04-Two-Stage-D3-02:** Next generation of renewable energy technologies



PORTS AUTHORITY ADMINISTRATION BUILDING

**Thank you
tozkul@sygtech.org**

