

**Electrical power
available for remote
locations.**

**Creating a new family of
electric generators,
onboard the Airborne Wind
Energy technology (AWE).**

FOUNDING

€ 10.000

Investment

Marketing	(0 %)	€ 0
Operations	(0 %)	€ 0
Staff	(0 %)	€ 0
Developments	(100 %)	€10.000

TEAM

Marco Ghivarello CEO and creator

Engineering, Innovation, CAD,
Glider & Paraglider license, 10
years in the Airborne Wind
Energy, 37 years exp. in
trasportation (M.G. Design Srl/
GHIVA, others)

Senior Engineering

Sandro La Marca Sw/Hw Engineering

8 years experience in two AWE
company in the Sw/Hw design,
Hardware engineer

Luca Ghivarello

Aerospace Engineering

Master in Aerospace, 3 years
experience done in KGM1
project like flight test project
manager

Training Instructor

Carin Eve Cole

Bachelor's Degree in Science/ double major in Computer Science & Business

business development &
communication



PROBLEM

To make green Electrical power
available for remote locations

Off grid and disastared lands,
often have crippling logistical
problems for most of the
renewable energies, and
overpricing problems for
traditional fuels.

OPPORTUNITY

The investors participating in
the first phase therefore **has
the opportunity to enter the
project before the TRL6**,
when the value of the
company will obtain a high
multiplication factor, due to
the **uniqueness of the
product and the globality of
its application.**

SOLUTION

This initiative is **targetting the
top level of AWE** with a **linear
sled generator**, travelling at
costant height, manteining it
compact with a **easiness in
the concepts.**

Modular size 5-20 kW

In 2022 **the first world wide
prototype without motors on
passive phases.**



WHY INVEST

KGM1 is a **simple mobile wind
energy system using kites**. It
could be a serious option for
mobile, on-site power
generation. This job is
investigating Airborne Wind
Energy with the aim to trace a
new path and **gathered plenty of
experimental experience.**

ADVANTAGE

To bring energy on remote place
has great logistical difficulties and
high cost of fuel. The **AWE KGM1
concept**, due to its carachteristic,
is a virgin land, and **do not have
competitors among renewables.**

TARGET MARKET

More than 800 MM users living
off-grid, without access to the
energy, and are increasing the
needs of alternatives able to
**replace or "hybridize" the diesel
generators** in off-grid systems.

BUSINESS MODEL

B2B, B2C.

Also global energy suppliers and
governements.

ARCHIVEMENTS

2019: «**Master thesis**» on Poli Mi
2022: «**TU Delft**» web reference
paper

2022: A «**TRL 5**» with a prototype
has producted a few watts, but
showing that the concept does
work. Further garancy of reduce
the business risk by starting from
early stage concept.