Award 2010

Debut in Research

Award 2011

Outstanding Paper

Terrific Renewable Energy Site

Award 2012

KITEnrg

ALTITUDE WIND GENERATION

Renewable Energy cheaper than oil

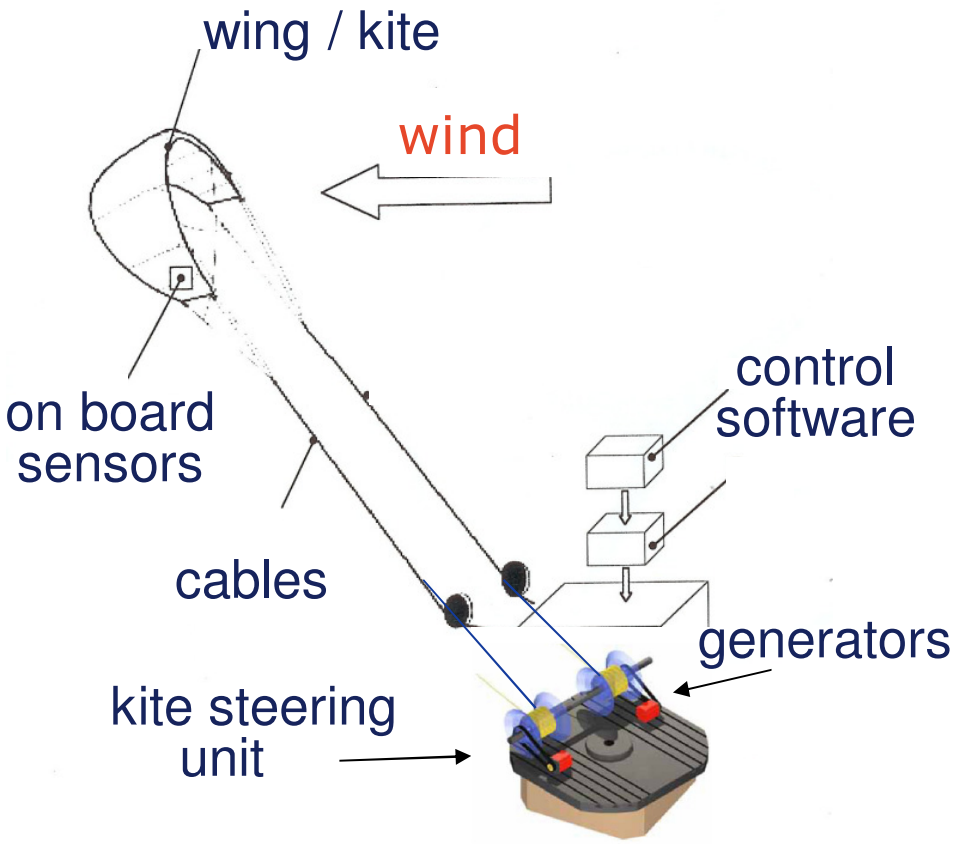
Kitenergy
Via Livorno, 60
10144 Torino - Italy
Tel. +39 011 2258261
Fax +39 011 2258261
www.kitenergy.net

A break-through idea in wind power generation

About Kitenergy

- Radical innovation in wind technology
- Exploiting a renewable energy source, the high-altitude wind (200-600 m above ground)
- Channelled through automatically controlled tethered wings / kites
- World pioneers in developing high-altitude wind generator industrial prototypes

The Technology



Overcoming the limits of existing technologies

Higher Power

2 times more power

compared to existing commercial wind turbines

+

Lower Expenditure

- 25% Capital Expenditure

compared to existing commercial wind installations

=

A dream comes true

Renewable energy at lower production costs

compared to any available technology including those using fossil sources

World pioneers in developing airborne wind generator prototypes

Development Status

20 kW Prototype built in 2007 and tested until 2010 in various locations

60 kW Prototype built in 2012 being tested in 2013

"is a wonderful idea for overcoming various bottleneck issues"

Hidenori Kimura - Director RIKEN BSI-Toyota Collaboration Center

"I regard the kites as the first break-through idea in wind power generation in decades"

Sanjoy K. Mitter – Professor of Electrical Engineering, Massachussetts Institute of Technology

KITEnrg

ALTITUDE WIND GENERATION

Contacts

Stefano Milanese
Managing Director
Mob. +39 348 7332226
e-mail:
stefano.milanese@kitenergy.net
www.kitenergy.net

KITEnergy

Partners

NATIONAL INSTRUMENTS

DSM

POLITECNICO DI TORINO

UNIVERSITY OF CALIFORNIA SANTA BARBARA

MODELWAY INTELLIGENCE TECHNOLOGY

CeSI