



# SWINGS

## Smart WIND and Genset System

AN INNOVATIVE WIND-DIESEL PACKAGE  
BY VERGNET AND ENERIA

ENERIA & VERGNET JOIN EXPERTISE  
IN POWER GENERATION FOR REMOTE AREAS

The power solution for :

- Mines
- Resorts
- Isolated grids
- Desalination facilities
- Industry

Our offer :

- Stand alone Wind-Diesel package
- Smart high penetration system
- Secured and safe power generation
- Grid compliance
- High performance and profitability



# VERGNET and ENERIA introduce SWINGS Wind-Diesel Package.

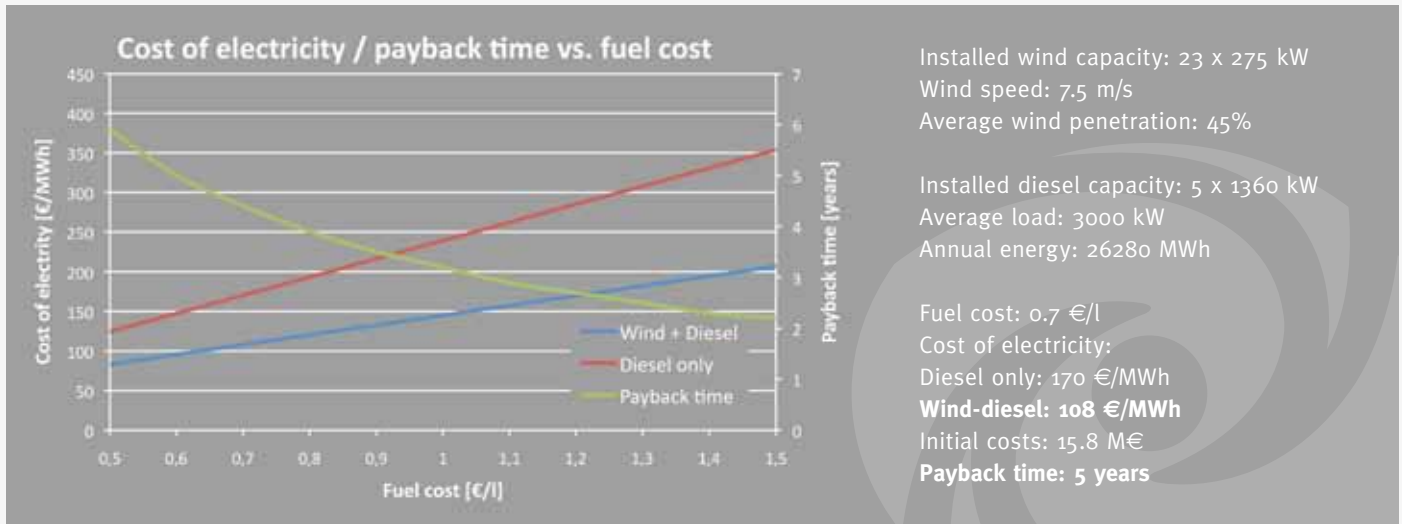
Their expertise with weak and isolated grids have lead to combine GEV MP wind turbines with low load CATERPILLAR gensets to help you reduce your operation costs and improve the sustainability of your project.

SWINGS is designed for **high wind penetration on the diesel grid**. By replacing your conventional diesel plant with SWINGS, you ensure your investment will have a **short payback time** thanks to **optimised fuel savings** and reduced **cost of power generation**.

Thanks to the unique combination of wind turbines and diesel gensets designed for **weak and isolated grids**, with integrated control/command, SWINGS is **adapted to your grid requirements** and ensures **high power quality and grid stability**.



## CASE STUDY



## VERGNET

More than 700 wind turbines installed in remote areas worldwide within 22 years. A 15 year experience in wind diesel couplings.

### TECHNICAL DATA GEV MP 275KW

- Hub height: 55m
- Rotor diameter 32m
- Erection: 20t crane only
- Concrete: 15m<sup>3</sup>
- Shipment in containers
- Total weight: 20 tons



Easy to transport



Weak grid friendly



No crane installation



Ground-level maintenance

## ENERIA

30 years of experience in the construction of reliable and performant diesel power plants with Caterpillar gensets.

- Caterpillar, world leader in diesel engines
- Reliability and performance,
- Best lifetime
- Low emissions
- Low load down to 10%
- Worldwide network for product support

### POWER RANGE

- CAT 3412C - 640 kW
- CAT C32 - 880 kW
- CAT 3512B - 1500 kW