

Sjisjka Wind Farm



Our target

- Doubling the production of electricity from renewable sources, from 1 to 2 TWh by 2020.
- Wind power will be responsible for the majority of this increase.
- Sjisjka is a factor in achieving this target.

Sjisjka development process

- 1999 O2 contacts Girjas Sami village.
- 2000 Nature reserve.
- 2004 Permit application.
- 2010 Permission given for total height of 131 m, rotor span of 101 m.

Project facts

- Owners: Skanska Infrastructure Development 50%, O2 25%, Jämtkraft 25%
- Wind measurements since 2001.
7.2 m/s, mean wind at hub height (80 m).
- 700 m above sea level.
- Roadless country – railway.

The vision

“The project will be conducted in interaction with the natural world and be a role model for how reduced environmental impact, cost efficiency and profitability can create renewable energy in a sensitive mountain environment”.

Challenges

- Roadless land.
- Natura 2000 area.
- Short construction season.
- No natural materials from the area could be used for roads and foundations.



Unique solutions

- Initial work, April 2011, roads, in-transport of material, electricity grid.
- Winter 11/12, prefabricated concrete foundations.

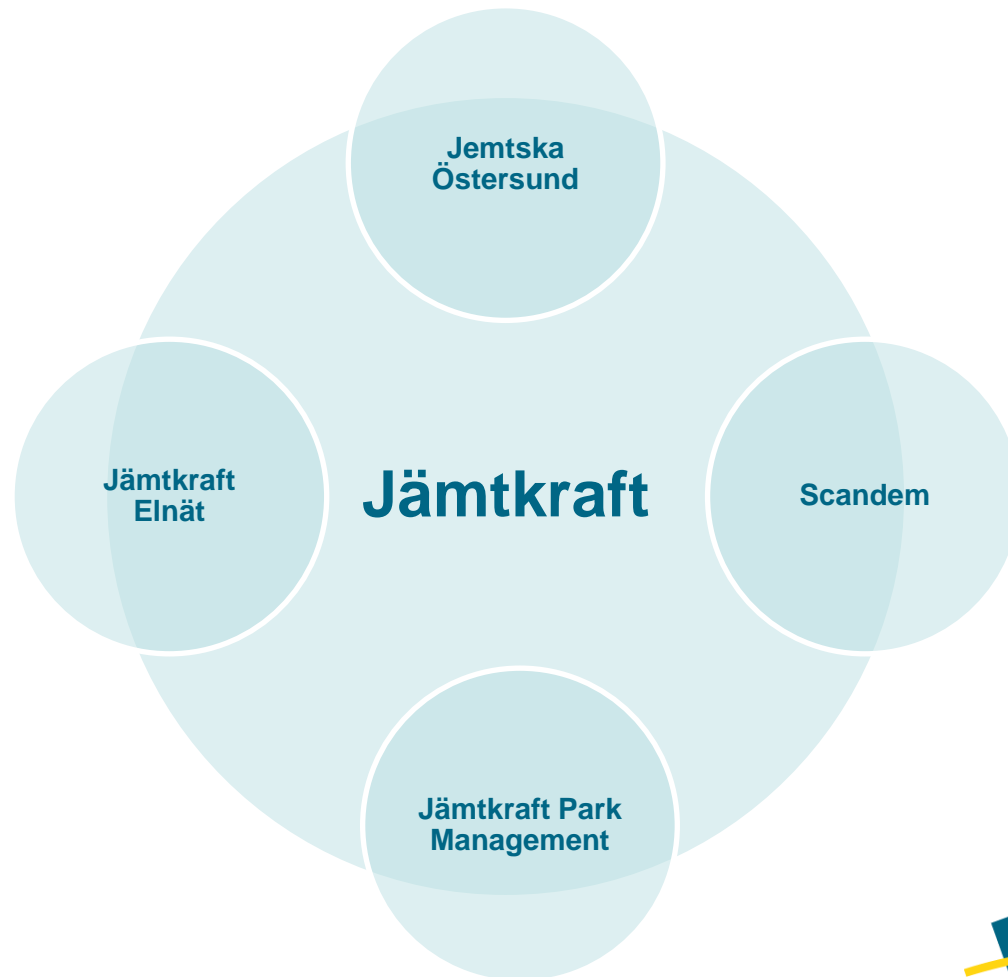


Opening ceremony

October 3, 2012



Our wind power concept



We have the expertise

- Wind measurement, planning, production calculations.
- Environmental impact assessment, permit applications.
- Procurement.
- Construction of roads, foundations, power grids and telecom networks. – Jemtska

We have the expertise

- O&M wind turbines, power grids, telecom networks.
- Management of power production to optimise ROI – Scandem

Jämtkraft Park Management

A complete concept for wind farm ownership

- O&M
 - Turbines, internal grid, telecom networks.
 - Operations centre 24/7.
 - Optimise production and availability.

Jämtkraft Park Management

A complete concept for wind farm ownership

- Portfolio management
 - Physical and financial trading and hedging, Nasdaq/OMX/Bilateral
 - Balance responsibility
 - Measurement
 - Reporting
 - Administration



We keep moving forward

- Mullberg Wind Farm
26 turbines, 78 MW,
230 GWh
Opening Q4 2013
- 400 MW in our project portfolio.



Thank you!

You are welcome to come and meet us
and our associates in the foyer.

