

Bordei Verde

8 MW Wind Park

Romania



Global Wind Power

Turning Wind into Value

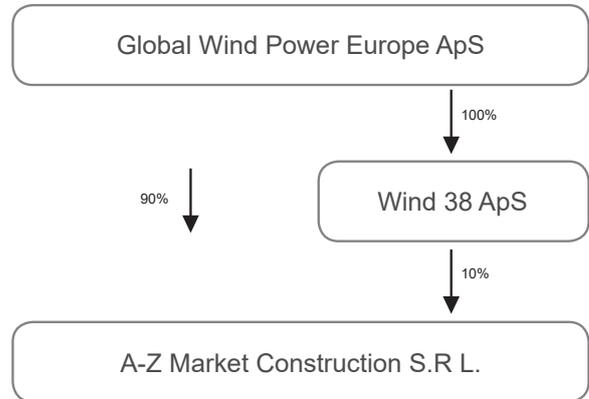
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Project introduction

Global Wind Power is proud to offer the wind turbine project “Bordei Verde” as an investment opportunity in Romania. The project was originally planned for 4 x Vestes V90-2,0 MW wind turbines, but as the project is in late development stage, it leaves open the option to apply changes and therefore the possibility to build a custom-tailored model is in place.

You have received this project sales teaser because we see you as a potential investor for the project. We hope the project matches your specific investment needs and the market conditions in general are within your requirements. If this proves not to be the case, or you are interested in further projects from us, please see our additional project for sale on our updated project sales list covering all markets at www.globalwindpower.com/projects-for-sale.

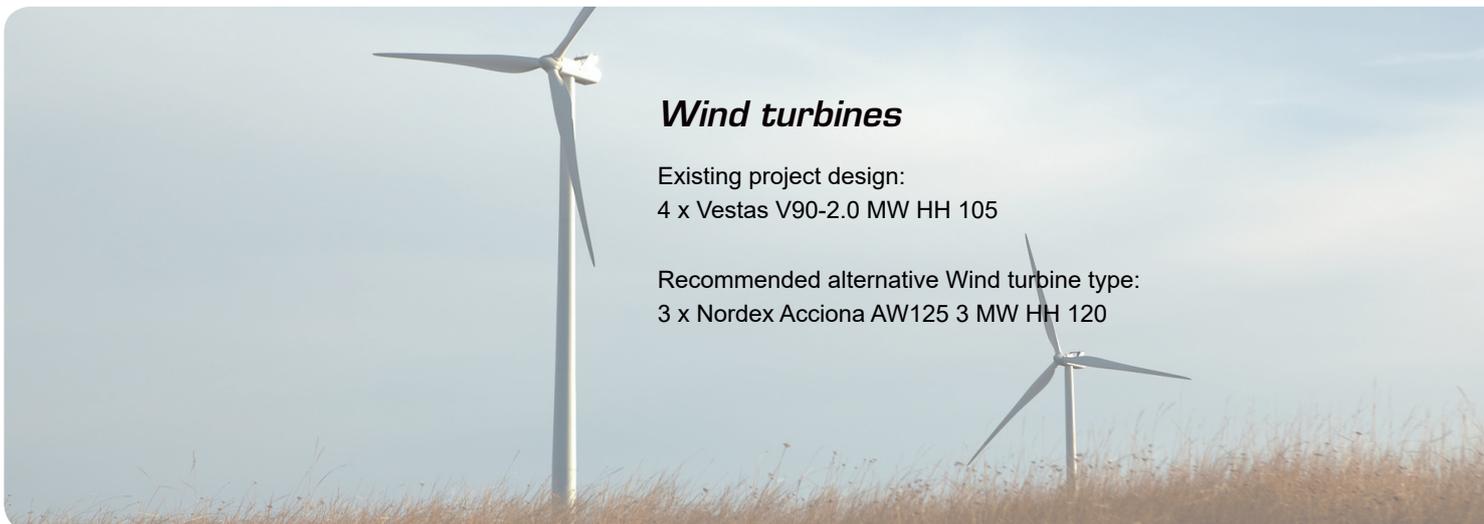
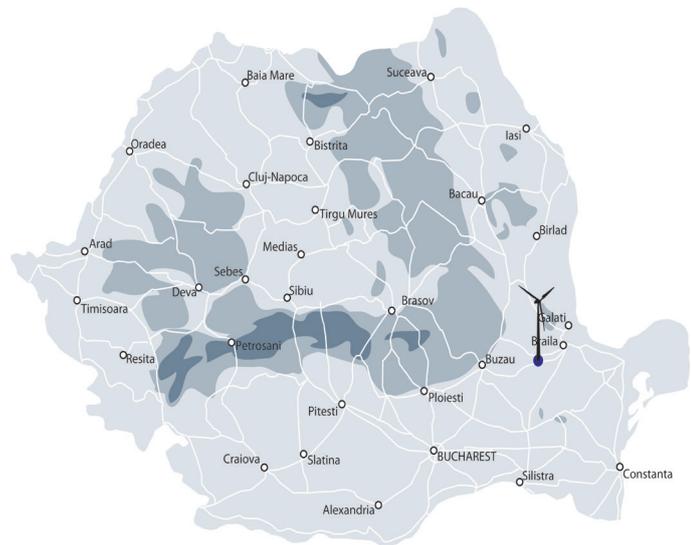
Project ownership:



Project location

The wind turbine project Bordei Verde is positioned in the South East region of Romania. The region is known as one of the most windy regions within Romania. The project is not influenced by any significant restrictions and shows minimal impact to the environment.

Also, as the grid connection point is close to the actual wind park (approx. 8 km), the power generated from the wind park will be connected direct to the medium voltage grid (20 KW) in Bordei Verde Substation.



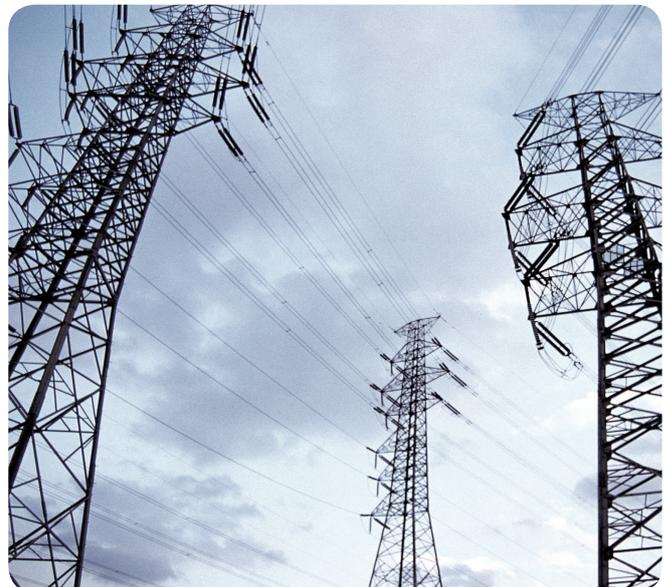
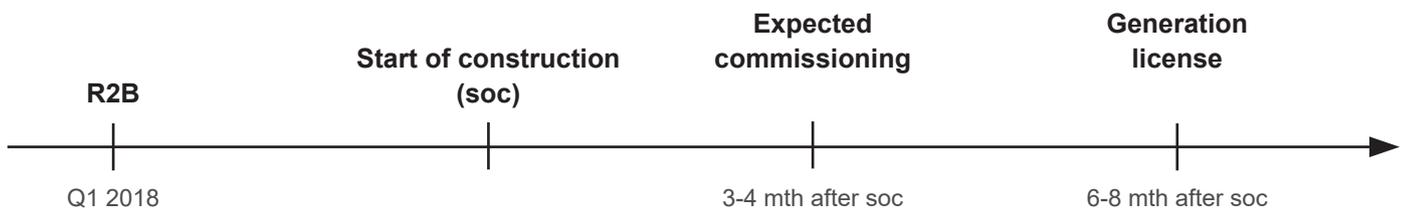
Wind turbines

Existing project design:
4 x Vestas V90-2.0 MW HH 105

Recommended alternative Wind turbine type:
3 x Nordex Acciona AW125 3 MW HH 120

Status of the project

- Wind measurement campaign already performed.
- Land for up to 4 turbine plots has been secured by the SPV under a concession agreement concluded with the local Council.
- Land for access roads is secured through servitudes agreements signed with the local Council.
- Final Grid Connection Agreement for 8 MW was issued by Electrica Distributie Muntenia Nord and is fully paid for.
- The existing project design for 4 x Vestas is in place.
- The environmental permit is obtained without any major environment issue.
- Documentation necessary for the Building Permit is in place
- The expired building permit is pending renewal, subject to final turbine choice.
- Estimated time for the Building Permit to be issued from the submission date of the documentation is approximately four months



Wind data and energy production

Wind data

Global Wind Power performed the calculation of the annual energy production with WindPro using the WAsP calculation engine.

The data has been analysed and cleaned and long term corrected based on data from the 3TIER long term reference data (30 years), but supplied with comprehensive analyses based on other sources as well.

- 6,7 m/s – Mean wind speed at 87.5 m hub height.
- 6,9 m/s – Mean wind speed at 105 m hub height.
- 7,2 m/s – Mean wind speed at 120 m hub height.

Energy production - 4 x Vestas V90-2.0 HH105 wind turbines

- 26 GWh AEP P50 including a park efficiency of 97.9 %.
- 35 % Capacity factor.
- 3,056 Full load hours.

Energy production - 3 x Nordex Acciona AW125 3 MW HH 120 wind turbines

- 30 GWh AEP P50 including a park efficiency of 98.4%.
- 44.9% Capacity factor.
- 3,934 Full load hours.
- Output limited at maximum 8 MW.

Energy production - 3 x Nordex Acciona AW125 3 MW HH 87.5 wind turbines

- 27 GWh AEP P50 including a park efficiency of 98.2%.
- 39.7% Capacity factor.
- 3,483 Full load hours.
- Output limited at maximum 8 MW.





Market conditions and off-take scheme

The price of electricity is determined by the spot price on the energy market. Historical prices average per year:

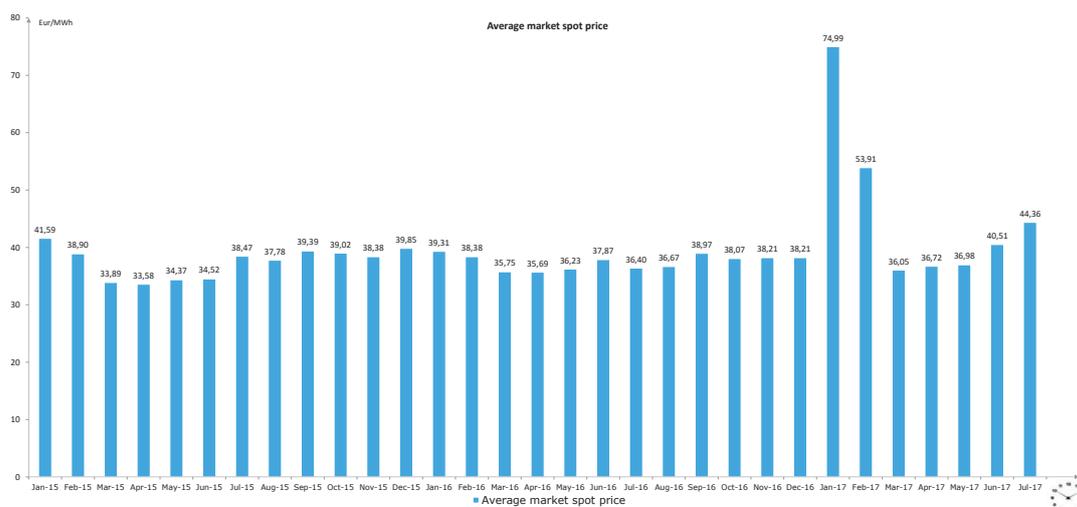
- 2011: 52.13 €/MWh
- 2012: 48.80 €/MWh
- 2013: 35.34 €/MWh
- 2014: 34.66 €/MWh
- 2015: 37.48 €/MWh
- 2016: 37.48 €/MWh
- 2017: 46,22 €/MWh (January to July)

According to the provisions of legislation in force, Romania is providing an organized, viable and efficient framework for the commercial trades' deployment on the wholesale electricity market complying with the consistency, correctness, impartiality, independence, equidistance, transparency and non-discrimination conditions.

Some of the elements of the market are:

- trading of the electricity in the day-ahead market and intraday market;
- term contracting through the centralized market for electricity bilateral contracts;
- term contracting through the centralized market for bilateral contracts for electricity with double continuous negotiation;
- electricity contracting for the last resort suppliers;
- term contracting through the electricity market for large consumers;
- Cross Border Capacity Allocation – Serbia, Hungary, Bulgaria, Ukraine

Energy price Romania 2015/2017



About Global Wind Power

Global Wind Power is a leading international project developer specialising in developing, implementing, selling and managing wind turbine projects for professional investment. The wind turbine projects are sold to a range of international customers: Industrial, institutional and private.

Global Wind Power is a dynamic company which has experienced rapid growth since its foundation in 1999. We closely monitor the opportunities on the global market, and advance in line with the needs of customers. Today, we have more than 650 MW of international experience and an even larger project pipeline on the way.

Our ambition to Turn Wind into Value on new and mature markets demands both know-how and adaptability. With more than 335 wind turbines built in 64 wind parks across Europe, we have established a business concept with global potential.

Locally Rooted

Local representation and involvement are crucial for the successful completion and monitoring of wind turbine projects. This is why we have strong and independent offices in the countries in which we develop projects.

Besides our Danish Headquarters, we have offices in Germany, France and Romania with local employees.

In Romania, Global Wind Power has built 57 turbines, in total 114 MW. Our largest achievement was the construction, commissioning and full permitting of Corni Eolian Wind Farm, consisting of 35 turbines of 2MW each.

Corporate Values

Global Wind Power's four corporate values; empathetic, focused, committed and dynamic impact everything from the way we develop projects to the way we engage with customers or our long list of subcontractors. We believe that a shared set of values among our employees enables us to achieve success in the long term and generate value across our organisation.

Vision

Global Wind Power is the preferred partner for wind turbine projects.

Mission

Global Wind Power transforms a wind turbine project from concept to reality.



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The information in this project teaser reflects prevailing conditions and our views as of this date, which is accordingly subject to change.



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