TERRA EOLICA

PROJECT COOPERATION OPPORTUNITY

WindEnergy Hamburg 2026

Terra Eolica Soluciones S.L. · Girona, Spain

Drochia Wind Farm

31 MW wind + 20 MW / 40 MWh battery storage · Republic of Moldova

Early-stage greenfield project seeking a co-developer or investor to take it to ready-to-build.



Preliminary layout, 3D visualisation · Imagery: Google Earth

31 MW	5 × 6.2 MW	20 MW / 40 MWh	≈ 80 GWh	≈ 29 %	6.5 m/s
installed wind capacity	V162-class turbines, 119 m hub height	LFP battery storage, 2-hour duration	estimated gross annual yield	estimated gross capacity factor	mean wind speed at 100 m (preliminary)

PROJECT AT A GLANCE

Location	Chetrosu, Drochia district, northern Moldova; ≈ 136 km from Chișinău, ≈ 50 km from the EU border (Romania)
Site	≈ 74 ha, 21 agricultural plots; permanent land take ≈ 4 ha. Land use agreement in place with the local project company
Wind turbines	5 × Vestas V162-6.2 MW or equivalent; rotor 162 m, hub 119 m, tip height ≈ 200 m
Storage	BESS 20 MW / 40 MWh, Li-ion LFP, next to the project substation
Grid connection	Own 110/35 kV substation (40 MVA) and ≈ 11.2 km 110 kV overhead line to the Drochia 110 kV substation of Moldelectrica (TSO)
Capacity at node	Max. injection 31 MW, withdrawal 20 MW; published indicative capacity at the Drochia node ≈ 85 MW

LOCATION



DEVELOPMENT STATUS

COMPLETED

- ✓ Site identified and land use agreement for ≈ 74 ha in place
- ✓ Preliminary layout, wind resource and energy yield assessment
- ✓ Primary equipment specification and project description

IN PROGRESS

- ◐ Grid connection request to Moldelectrica under the flexible connection regime of Electricity Law No. 164/2025
- ◐ Urban planning certificate application to the local authority

NEXT STEPS

- ○ Grid solution study and on-site wind measurement
- ○ Environmental assessment: birds and bats, noise, shadow flicker
- ○ Archaeological and geotechnical surveys; detailed urban plan (PUD)

COOPERATION SOUGHT

- **Co-developer or investor** to fund and lead development through to ready-to-build
- **Technical partners** for wind measurement, grid and environmental studies
- **Later stage:** turbine, BESS and EPC suppliers

Terra Eolica leads technical development, documentation and local coordination with the Moldovan project company.

WHY MOLDOVA

- Power system synchronised with continental Europe (ENTSO-E) since 2022
- EU candidate country; new Electricity Law No. 164/2025 introduces flexible grid connection
- New domestic generation is a national energy-security priority

CONTACT

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