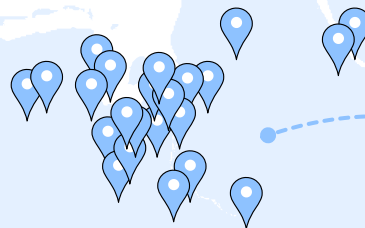


**Your own energy
all year round.**

Built for your land, powered by wind.



900+ small wind turbines installed

Control over your energy. We help you get there.

For over ten years, we've been installing small wind turbines at business locations across the Netherlands and beyond.

The EAZ wind turbine, the heart of our energy system, is developed and produced at our own factory in Groningen. From the wooden blades to the steel mast, the foundation cross, the pitch mechanism, the electronics and the generator: every component is carefully prepared before installation at your site.

And we manage the entire process: location analysis, site visit, permits, installation, and maintenance. No separate contractors. No complicated arrangements. Just a system that works, tailored to your location.



Find out whether wind suits your business

Is a small wind turbine right for your location?

A small wind turbine generates power all year round, day and night, even in winter. But not every location is suitable. Here is where a wind turbine works well:

A small wind turbine is a good fit for your location if:

- ✓ You have open, unobstructed land with few obstacles nearby
- ✓ Your business has a constant, high energy demand: lighting, cooling, pumps or machines running continuously
- ✓ Your location has sufficient wind
- ✓ You want to reduce your dependence on the grid or are dealing with grid congestion

A small wind turbine is less suitable if:

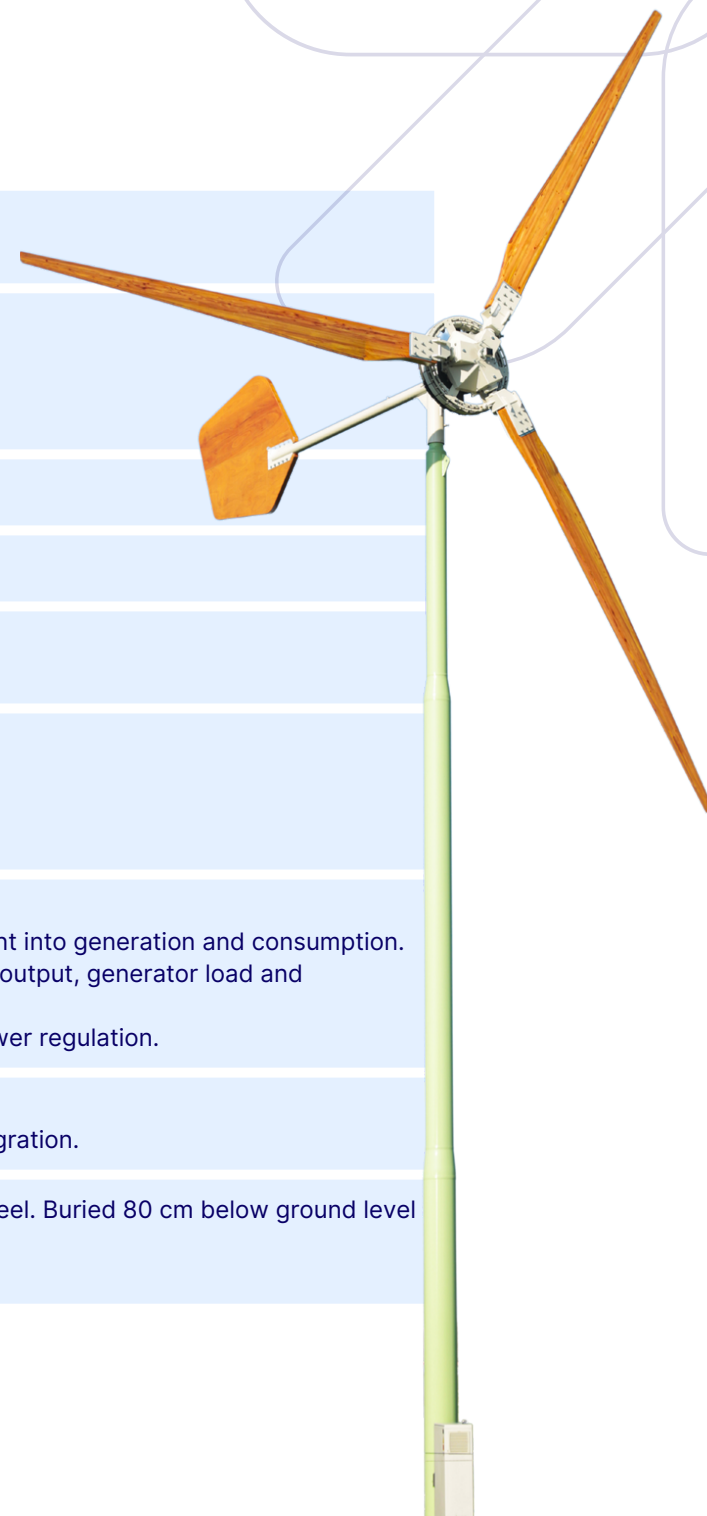
- ✗ Your location is surrounded by buildings, trees or other obstacles
- ✗ Your energy consumption is too low



Learn more about wind energy and other energy solutions?
[Visit our blog for articles on wind turbines, solar energy, and storage.](#)

Ecoways EAZ-13.2 B

Rotor	• 13.2 m diameter, 137 m² of swept area. • Rotor optimised for the most common wind speeds of 3–7 m/s.
Power	• Rated power: 15 kW. • Rated wind speed: 7.2 m/s. • Rated RPM: 78 rpm. • Cut-in and cut-out wind speeds: 2.5 m/s / 20 m/s.
Noise level at 60 m	39 dB.
Generator	Direct drive, dual-rotor, air core, synchronous generator.
Grid connection	• 3-phase. • 3 x 25A.
Control system	• Mechanical pitch system with electronic safety brake. • Mechanical yaw system. • Overvoltage protection. • Lightning protection.
Monitoring	• 3G LTE connectivity. • Fleet management system with mobile app for the customer, providing insight into generation and consumption. • Measurement of: tower and turbine movements and rotation speeds, power output, generator load and temperature, electrical cabinet temperature, and inverter data readout. • Power quality of wind with voltage and capacity measurement to control power regulation.
Mast	• Thick-walled tubular mast based on the soft-soft operating principle. • Height dependent on regulations, surrounding obstacles and landscape integration.
Foundation	• Steel cross on prefabricated concrete slabs with additional reinforcement steel. Buried 80 cm below ground level for extra ballast. • Steel cross on concrete-filled tube piles for settlement-sensitive ground.



What does this look like in practice?

The output of a small wind turbine depends on the average wind speed at your location. Our customers range from businesses with one turbine to businesses with three or more, depending on their energy needs.

Wind speed	Annual output
4.0 m/s	~30,000 kWh
4.5 m/s	~38,000 kWh
5.0 m/s	~45,000 kWh



Goat farm, Noord-Brabant

1,500 goats and 1,000 pigs. Consumption 150,000 kWh per year. Two wind turbines with 83 kWp of solar panels.



Wind energy for businesses like yours

Used by agricultural businesses all across the Netherlands.

Every business has different peak times, different machinery and different energy needs. You know your business best - we bring the knowledge and experience to find the right wind solution to match.



Crop farmers



Goat farmers



Pig farmers



Flower farmers



Dairy farmers



Other agricultural businesses and more



Fruit growers



Poultry farmers

Because of the uncertain net metering regulations and the continuous energy demands of our business in Holwierde, we chose wind energy. After all, the wind blows day and night while the sun only shines during the day.

Poultry farm, Groningen.

Poultry farm with 34,000 broiler chickens. Annual energy consumption: 120,000 kWh. Three windmills.



Energy that pays for itself

An investment in your own energy.

Investment

A complete installation starts from approximately €75,000.

What you pay exactly depends on your location, mast height, subsidies and any additional provisions.

Payback period

On average 6–10 years.

With your own generation, you reduce your energy bill from day one. The more you generate yourself, the faster the investment pays back.

Lifespan

Our windmills are designed to last 20+ years.

Deliberately designed without complex electronics. Fewer moving parts, fewer breakdowns.



After the site visit, we give you a concrete calculation. No vague estimates.



Our tailor-made calculations.

Subsidies

Many renewable energy systems qualify for subsidy.

We assess the options and handle the application for you. No administrative hassle.

[View the latest information about subsidies on our website.](#)



One system. Three energy sources.

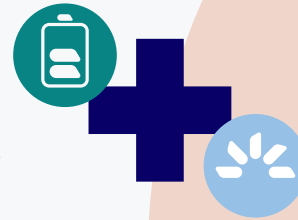
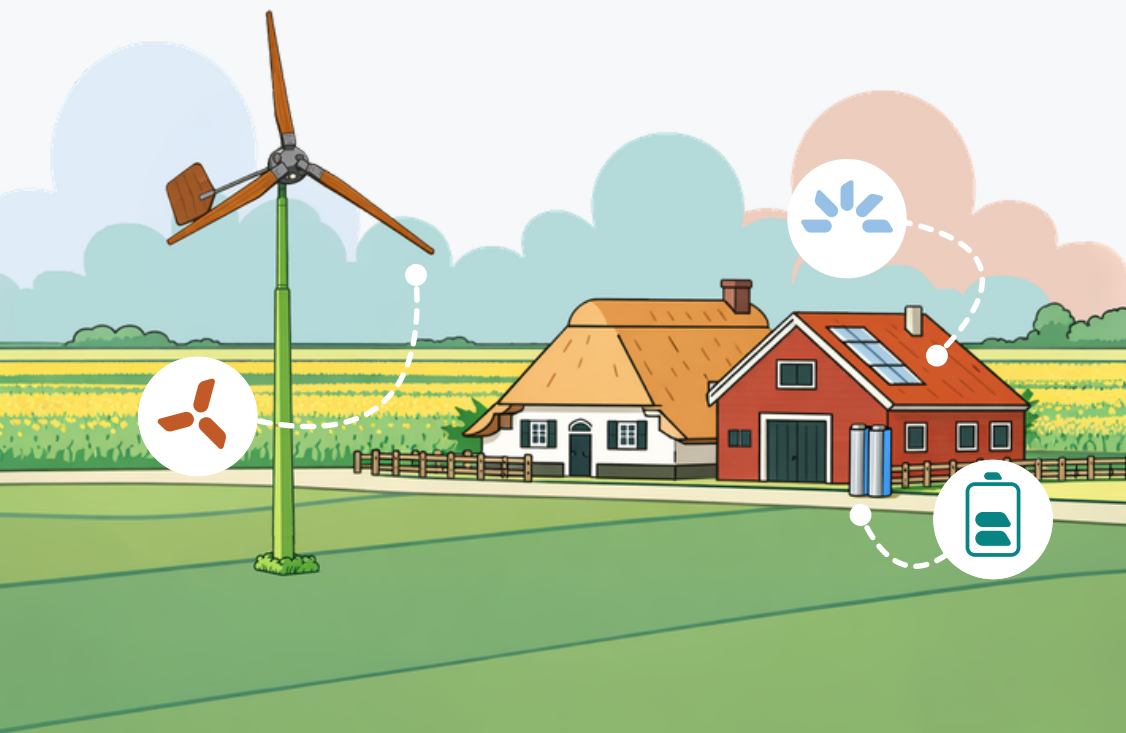
Always on.

Want even more independence? Combine wind with solar and storage.

Many customers start with wind. They then expand with solar panels and battery storage, for even greater self-sufficiency all year round. Wind and solar naturally complement each other: solar peaks in summer, wind in winter. With storage, you use more of what you generate yourself - even when the grid is congested.

As the net metering scheme is phased out from 2027, feeding back to the grid becomes increasingly unattractive. Energy storage gives you back control: you use your own power when you need it, not when the grid allows it.

One system. One point of contact. Under one roof.



Sun + storage



[more info ›](#)

Battery storage

Use your energy when it suits your business best.

Battery storage stores excess solar and wind power and makes it available when you need it most. Depending on your system, storage can help you use more of your own energy, reduce peak load, support backup power, and respond to dynamic energy prices.

Ecoways offers both indoor and outdoor storage systems, tailored to your energy consumption, generation profile, grid connection, and future plans.



[more info ›](#)

Solar panels

Reliable energy during the day.

Solar panels provide predictable energy during daylight hours and help lower your energy costs. They are particularly effective in spring and summer, when yield is highest and energy demand often increases for cooling, ventilation, irrigation, and daily operations.

By combining solar and storage with your wind turbine, you gain more control over your energy costs and consumption.

Ready for energy independence?

Taken care of from A to Z.

Whether it's an EAZ small wind turbine, solar panels, or battery storage, we handle everything from start to finish.



Site visit

Every project starts with a thorough assessment of your situation. If your location looks promising, we'll come by for a consultation and work out the best placement together - completely free of charge and without any obligation.



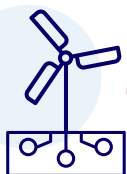
Permits

Ready to move forward? Our back office takes the lead on the permit application. If pre-consultation is required, we handle that too.



Subsidy

Many renewable energy systems qualify for subsidies. We assess the options and - where applicable - submit the application on your behalf once the permit has been filed.



Installation

We plan installations efficiently and with minimal disruption. Small farm wind turbines are typically installed within two days. All cabling is safely connected to the meter cabinet of your farm or business.



Service & maintenance

Our service team ensures your system continues to perform at its best. Routine maintenance takes place every 18 months for wind, and annually for solar and storage.



contact us



Designed and produced in the Netherlands.

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