

Vestas[®]

Building on
experience from

+157 GW installed capacity

+137 GW under service

Track record as of 30 June 2022



Wind. It means the world to us.

Proven technology



Industry Leader

With more than 40 years in the wind industry, Vestas has more experience than anyone else in making wind work. Together with our customers, Vestas has installed more than 157 GW of wind power capacity, including more than 8 GW offshore. This unmatched track record is the backbone of Vestas' expertise and unrivalled experience powering continuous product improvement and performance optimisation.

Experienced Worldwide

Vestas turbines have been installed in 88 countries around the world, operating on every kind of site, from high altitude to extreme weather conditions. Vestas wind turbines meet these diverse challenges through purpose-driven product development and extensive testing at the industry's largest facility.

Platforms

The Vestas 2 MW and 4 MW platforms were introduced in 2000 and 2010, and have now been installed in 47 and 56 countries respectively. Introduced in 2019, the EnVentus platform architecture connects proven system designs from the 2 MW, 4 MW and 9 MW platform turbine technology. The 9 MW offshore platform was first introduced in 2014 and has subsequently seen over 5 GW of capacity installed. Vestas' flexible product range enables a precise match for site specific conditions.

2 MW Platform

+28,000 turbines installed

+56 GW installed capacity

4 MW Platform

+16,000 turbines installed

+59 GW installed capacity

EnVentus Platform

+6 GW firm order intake

+2 GW installed capacity

9 MW Platform

+600 turbines installed

+5 GW installed capacity

Track record by **turbine type***

Turbine type	Quantity*	Total MW*
Other	34,652	23,716
V80-1.8/2.0 MW [®]	4,475	8,747
V90-1.8/2.0 MW [®]	7,817	15,304
V90-3.0 MW [®]	3,427	10,247
V100-1.8/2.0 MW [®]	5,708	11,175
V110-2.0 MW [®]	6,865	14,076
V116-2.1 MW [™]	351	702
V120-2.2 MW [™]	2,974	6,468
V105-3.3 MW [™] /V105-3.45 MW [™]	111	396
V112-3.0 MW [®] /V112-3.3 MW [™] /V112-3.45 MW [®]	3,971	12,661
V117-3.3 MW [™] /V117-3.45 MW [®] /V117-4.2 MW [™]	2,191	7,704
V126-3.3 MW [™] /V126-4.2 MW [™] /V126-3.45 MW [®]	2,900	10,173
V136-3.45 MW [®] /V136-4.2 MW [™]	3,951	14,884
V150-4.2 MW [™]	3,116	13,032
V150-4.5 MW [™]	45	203
V150-6.0 MW [™]	118	649
V155-3.3 MW [™]	117	380
V162-5.6 MW [™] /V162-6.0 MW [™] /V162-6.2 MW [™]	283	1,597
V164-8.0 MW [™]	275	2,255
V164-9.5 MW [™]	297	2,823
V164-10 MW [™]	26	260
V174-9.45 MW [™]	10	95
Total	83,680	157,546

* Installed Vestas wind turbines as of 30 June 2022. Wind turbine variants are represented based on standard nominal rating. Track record figures include wind turbines operating in Power or Load Optimised Mode. Track record figures include Vestas onshore and offshore turbines installed.

Track record by **country***

Country	Quantity	Total MW	LI**
Argentina	464	1,541	2020
Aruba	10	30	2009
Australia	1,588	4,579	2022
Austria	467	1,141	2022
Azerbaijan	2	2	2009
Bahrain	2	2	2018
Belarus	2	4	2018
Belgium	575	1,989	2022
Bolivia	30	108	2021
Brazil	1,666	5,346	2022
Bulgaria	126	323	2013
Canada	2,074	4,115	2021
Cape Verde	39	28	2012
Chile	554	1,478	2022
China	5,416	8,979	2022
Colombia	10	20	2022
Costa Rica	89	105	2015
Croatia	49	132	2015
Cuba	4	4	2005
Curaçao	15	47	2017
Cyprus	47	93	2012
Czech Republic	74	128	2019
Denmark	5,451	4,459	2021
Dominican Republic	64	189	2019
Egypt	124	79	2004
El Salvador	15	54	2021
Faroe Islands	9	27	2022
Finland	683	2,701	2022
France	2,868	6,732	2022
Georgia	6	21	2016
Germany	8,705	16,679	2022
Greece	1,117	2,104	2022
Guatemala	23	76	2015
Honduras	18	59	2018
Hungary	49	105	2010
India	5,144	4,243	2022
Iran	37	16	2004
Ireland	16	58	2022
Israel	3	<1	1993
Italy	3,167	4,889	2022
Jamaica	44	75	2016
Japan	450	782	2022
Jordan	113	353	2021
Kazakhstan	29	100	2019

Kenya	379	322	2017
Latvia	14	55	2022
Lithuania	6	18	2007
Luxemburg	13	9	1999
Malaysia	1	<1	1995
Mauritius	1	<1	1986
Mexico	782	2,484	2021
Mongolia	50	105	2018
Montserrat	2	<1	1991
Morocco	124	170	2018
Netherlands	1,742	3,566	2022
New Caledonia	20	5	1999
New Zealand	264	465	2021
Nicaragua	44	79	2013
North Korea	2	<1	1986
Norway	616	2,303	2021
Pakistan	28	50	2012
Panama	20	72	2021
Peru	63	112	2014
Philippines	70	183	2014
Poland	1,716	3,903	2022
Portugal	430	871	2022
Puerto Rico	13	23	2012
Republic of Ireland	648	812	2019
Romania	392	977	2016
Russia	269	1,078	2021
Saudi Arabia	99	416	2021
Senegal	46	159	2019
Serbia	25	89	2019
Slovakia	4	3	2003
South Africa	359	1,001	2022
South Korea	207	507	2021
Spain	3,237	5,015	2022
Sri Lanka	35	107	2020
Sweden	2,550	6,093	2022
Switzerland	26	49	2016
Thailand	144	353	2018
Turkey	679	2,017	2022
Ukraine	227	888	2022
United Arab Emirates	1	<1	2004
United Kingdom	2,448	7,330	2022
Uruguay	220	564	2019
USA	23,847	39,799	2022
Vietnam	379	1,496	2022

Total **83,680** **157,546**

* Installed Vestas wind turbines as of 30 June 2022.

**LI= Latest installation

Track record figures include Vestas onshore and offshore turbines installed.



Vestas®

Offshore



Turbine Type	Quantity	Total MW
Other	55	41
V80-2.0 MW™	205	410
V90-3.0 MW™	319	957
V112-3.0 MW™/V112-3.3 MW™/V112-3.45 MW™	385	1,227
V164-8.0 MW ^{®*}	275	2,255
V164-9.5 MW [®]	297	2,823
V164-10 MW [®]	26	260
V174-9.45 MW™	10	95
Total	1,572	8,068

Country	Quantity	Total MW
Belgium	244	1,135
China	10	95
Denmark	155	637
Germany	87	700
Netherlands	250	1,126
Portugal	4	27
Sweden	27	61
United Kingdom	795	4,287
Total	1,572	8,068

^{*}Includes projects with operational modes from 8.25 MW to 8.8 MW.

+1,500 turbines installed
+8 GW installed capacity
Across **46** projects



Global service provider

Industry Leader

With more than 137 GW under service onshore and offshore, including +9.5 GW of non-Vestas turbines, Vestas is the wind industry's largest service provider. To deliver the best possible service, Vestas leverages more than 40 years of experience, more than 15,000 dedicated service employees and a global service network spanning across 72 countries.

Worldwide Reach

Vestas' service business is built on a strong, global foundation, combining operational data from more than 48,000 monitored turbines with technical experience from over 10,000 service technicians and a supply chain of more than 1,200 suppliers world-wide. This enables Vestas to provide services that minimise O&M costs and cater for local needs.

Lifetime Partner

The majority of Vestas' service partnerships are long-term, often 20 years or more. This mutual commitment between Vestas and our customers is key to deliver the lowest cost of energy.

Global service

+137 GW combined capacity
under service

+54,000 turbines under
service

+10,000 turbines power
performance upgraded



Track record by **service area**

Area	Quantity	Total MW	Comment
Maintenance			
Total combined capacity under service	54,942	137,085	As of 30 June 2022
Non-Vestas capacity under service	5,666	9,633	As of 30 June 2022
Service technicians	10,866		As of 30 June 2022
Non-Vestas turbine sites under service	365		As of 30 June 2022
Markets with service presence*	72		25 markets with multibrand service
Major OEM brands under service			Gamesa®, GE®, Alston®, Suzlon®, Siemens®, Nordex®, Senvion® and others
Lost Time Injuries Rate (LTIR)	1.0		As of 31 December 2021
Lost Production Factor (LPF)	2.88		As of 31 December 2021
Fleet optimisation			
Turbines power performance upgraded	10,000		As of 31 December 2021

* Track record as of 30 June 2022.





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