

Vestas®

Building on
experience from

+154 GW installed capacity
+132 GW under service

Track record as of 31 March 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 154 GW of wind power capacity, including more than 7 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 87 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 54 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 9MW 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

+27,000 turbines installed
+55 GW installed capacity

4 MW Platform

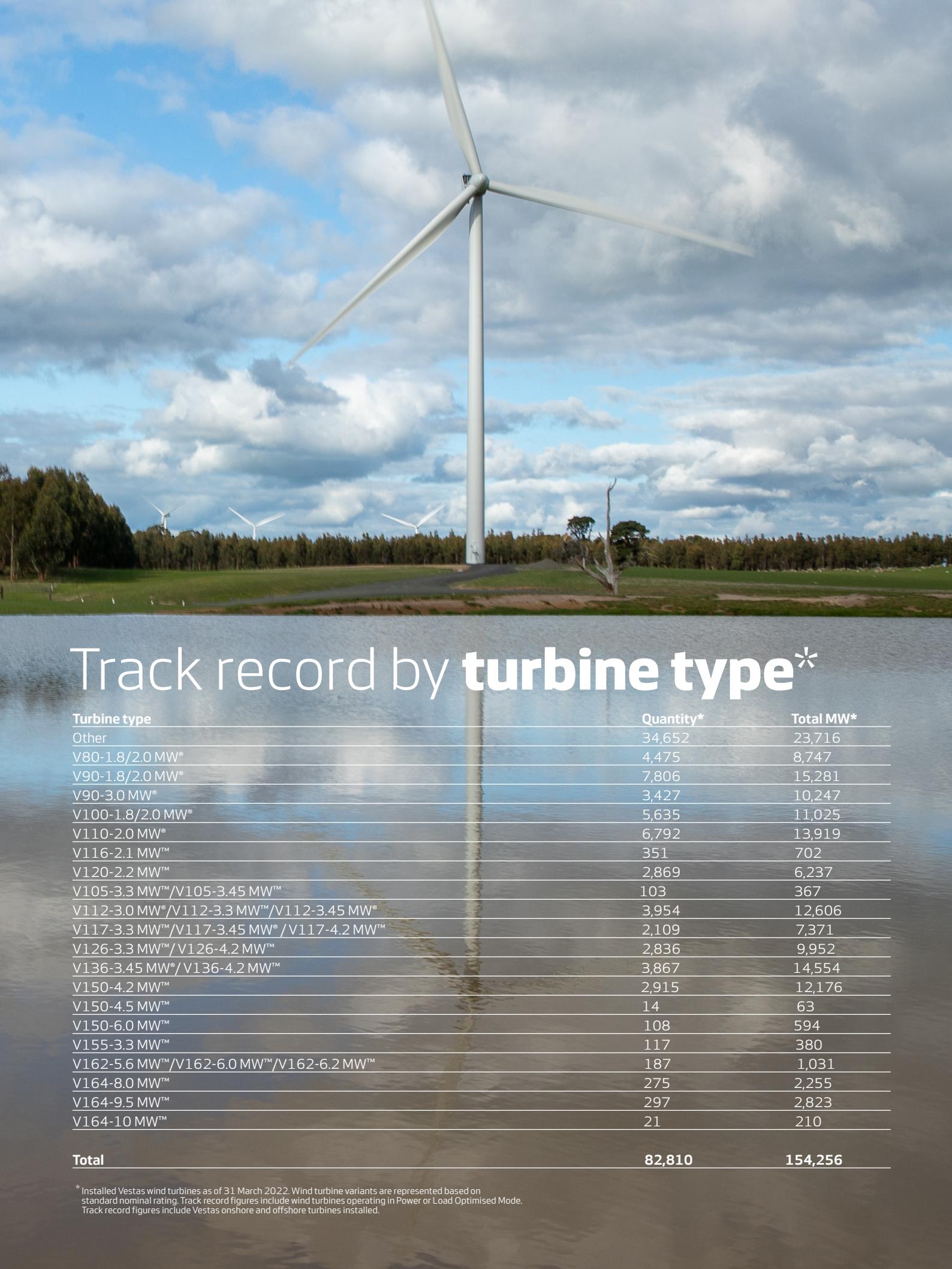
+15,000 turbines installed
+57 GW installed capacity

EnVentus Platform

+6 GW firm order intake
+1 GW installed capacity

9 MW Platform

+500 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®	7,806	15,281
V90-3.0 MW®	3,427	10,247
V100-1.8/2.0 MW®	5,635	11,025
V110-2.0 MW®	6,792	13,919
V116-2.1 MW™	351	702
V120-2.2 MW™	2,869	6,237
V105-3.3 MW™/V105-3.45 MW™	103	367
V112-3.0 MW®/V112-3.3 MW™/V112-3.45 MW®	3,954	12,606
V117-3.3 MW™/V117-3.45 MW®/V117-4.2 MW™	2,109	7,371
V126-3.3 MW™/V126-4.2 MW™	2,836	9,952
V136-3.45 MW®/V136-4.2 MW™	3,867	14,554
V150-4.2 MW™	2,915	12,176
V150-4.5 MW™	14	63
V150-6.0 MW™	108	594
V155-3.3 MW™	117	380
V162-5.6 MW™/V162-6.0 MW™/V162-6.2 MW™	187	1,031
V164-8.0 MW™	275	2,255
V164-9.5 MW™	297	2,823
V164-10 MW™	21	210
Total	82,810	154,256

* Installed Vestas wind turbines as of 31 March 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	1,579	4,537	2022
Austria	455	1,111	2022
Azerbaijan	2	2	2009
Bahrain	2	2	2018
Belarus	2	4	2018
Belgium	565	1,946	2022
Bolivia	30	108	2021
Brazil	1,575	4,954	2022
Bulgaria	126	323	2013
Canada	2,074	4,115	2021
Cape Verde	39	28	2012
Chile	548	1,453	2022
China	5,406	8,884	2021
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	5,454	4,461	2021
Dominican Republic	64	189	2019
Egypt	124	79	2004
El Salvador	15	124	2021
Finland	627	2,360	2022
France	2,791	6,528	2022
Georgia	6	21	2016
Germany	8,650	16,438	2022
Greece	1,113	2,088	2022
Guatemala	23	76	2015
Honduras	18	59	2018
Hungary	49	105	2010
India	5,114	4,177	2022
Iran	37	16	2004
Israel	3	<1	1993
Italy	3,144	4,784	2022
Jamaica	44	75	2016
Japan	409	615	2022
Jordan	113	353	2021
Kazakhstan	29	100	2019

Kenya	379	322	2017
Latvia	1	<1	2002
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	1,712	3,423	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	1,575	3,559	2022
Portugal	426	861	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	3,224	4,964	2022
Sri Lanka	35	107	2020
Sweden	2,505	5,900	2022
Switzerland	26	49	2016
Thailand	144	353	2018
Turkey	670	1,964	2022
Ukraine	227	888	2022
United Arab Emirates	1	<1	2004
United Kingdom	2,441	7,273	2022
Uruguay	220	564	2019
USA	23,669	39,326	2022
Vietnam	362	1,424	2021

* Installed Vestas wind turbines as of 31 March 2022.

**Latest installation

Track record figures include Vestas onshore and offshore turbines installed.

Total **82,810** **154,256**



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 °	21	210
Total	1,557	7,922

Country	Quantity	Total MW
Belgium	244	1,135
Denmark	155	637
Germany	87	700
Netherlands	250	1,126
Portugal	4	27
Sweden	27	61
United Kingdom	790	4,237
Total	1,557	7,922

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



+1,500 turbines installed
+7 GW installed capacity
Across **45** projects

Global service provider

Industry Leader

With more than 132 GW under service onshore and offshore, including +9 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 47,000 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

+132 GW combined capacity under service

+53,000 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	53,682	132,614	As of 31 March 2021
Non-Vestas capacity under service	5,416	9,347	As of 31 March 2021
Service technicians	10,536		As of 31 March 2021
Non-Vestas turbine sites under service	349		As of 31 March 2021
Markets with service presence*	72		25 markets with multibrand service
Major OEM brands under service			Gamesa®, GE®, Clipper®, 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 31 March 2022.







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