

An aerial photograph of a Vestas wind turbine in a desert landscape. The turbine's tower and nacelle are visible in the foreground, with one of its three blades extending across the top of the frame. In the background, another wind turbine stands on a dirt road, and a large blue lake is visible under a clear blue sky. The terrain is arid and brown.

Vestas

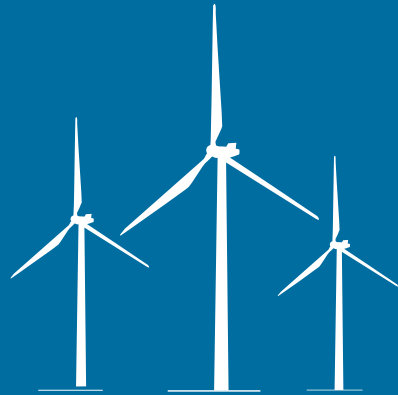
Vestas

Vestas is the energy industry's global partner on sustainable energy solutions



+29,000

We employ more than 29,000 people worldwide and have 40 years of experience with wind energy



+54,000

We have a total of 54,942 combined turbines under service, or more than 137 GW



+ 83,000

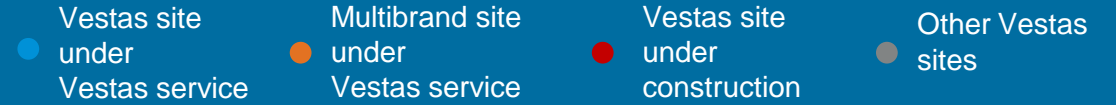
We have a total of 83,680 turbines or more than **157 GW** of installed wind power capacity in 88 countries worldwide spanning five continents



€ 15.6bn

Vestas' revenue for the full year 2021 was EUR 15.6bn

Vestas Australia & New Zealand



- **Almost 5 GW** total installed base
- **2+ GW** under construction
- **570 MW** non-Vestas fleet under service
- **850+** employees



An aerial photograph of a wind turbine in a vast, arid desert landscape. The turbine's tower and nacelle are visible in the foreground, with one of its long blades extending across the top of the frame. In the distance, a large, bright blue lake or reservoir is situated between the desert and a range of low, brown mountains under a clear blue sky. The ground is a mix of reddish-brown soil and sparse, low-lying vegetation. The overall scene conveys a sense of clean energy in a remote, natural setting.

Wind Turbine Innovation

Technology strategy and solutions

- Onshore turbine
- Offshore turbine

Technology evolution

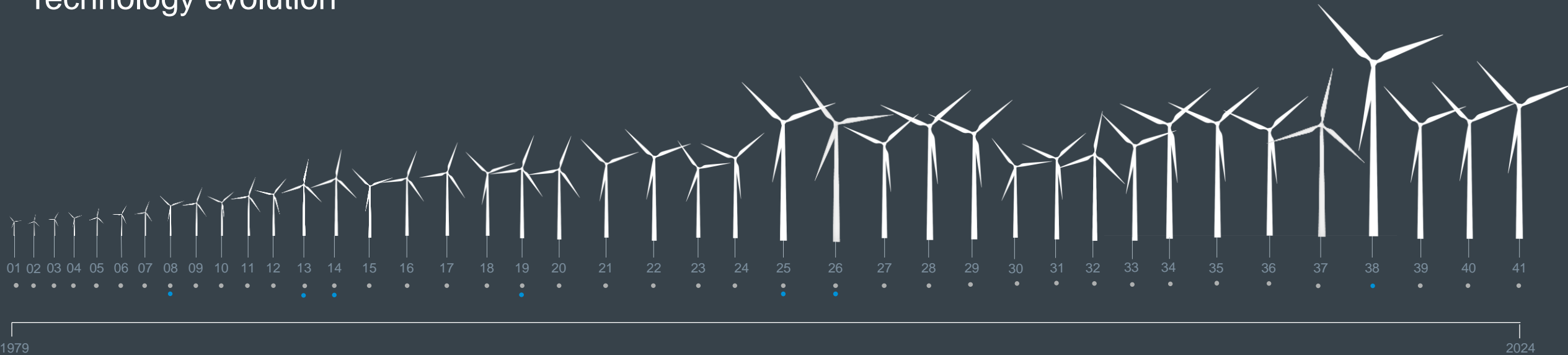


Diagram No.	Turbine model	Year of prototype	Diagram No.	Turbine model	Year of prototype	Diagram No.	Turbine model	Year of prototype	Diagram No.	Turbine model	Year of prototype
• 01	V10-30 KW	1979	• 11	V52-850 KW	2000	• 21	V117-3.3 MW	2013	• 31	V120-2.2 MW	2017
• 02	V15-55 KW	1981	• 12	V66-1.75 MW	1999	• 22	V126-3.3 MW	2013	• 32	V117-4.2 MW	2017
• 03	V17-75 KW	1984	• 13	V80-2.0 MW	2000 / 2002	• 23	V105-3.3 MW	2014	• 33	V136-4.2 MW	2017
• 04	V19-90 KW	1986	• 14	V90-3.0 MW	2002 / 2005	• 24	V110-2.0 MW	2014	• 34	V150-6.0 MW	2019
• 05	V20-100 KW	1987	• 15	V82-1.62 MW	2003	• 25	V164-8.0/9.5/10.0 MW	2014	• 35	V162-6.2 MW	2019
• 06	V25-200 KW	1988	• 16	V90-2.0 MW	2004	• 26	V174-9.5 MW	2014	• 36	V136-4.5 MW	2020
• 07	V27-225 KW	1989	• 17	V100-1.8 MW	2009	• 27	V136-3.45 MW	2015	• 37	V150-4.5 MW	2021
• 08	V39-500 KW	1991 / 1995	• 18	V100-2.6 MW	2009	• 28	V155-3.6 MW	2016	• 38	V236-15.0 MW	2022
• 09	V44-600 KW	1995	• 19	V112-3.0 MW	2010/2013	• 29	V150-4.2 MW	2017	• 39	V162-7.2 MW	2023
• 10	V47-660 KW	1997	• 20	V100-2.0 MW	2013	• 30	V116-2.0 MW	2017	• 40	V163-4.5 MW	2023
									• 41	V172-7.2 MW	2024

Optimized infrastructure and talent

The infrastructure that supports wind turbine design must also evolve

TRANSPORT



Services



Talent

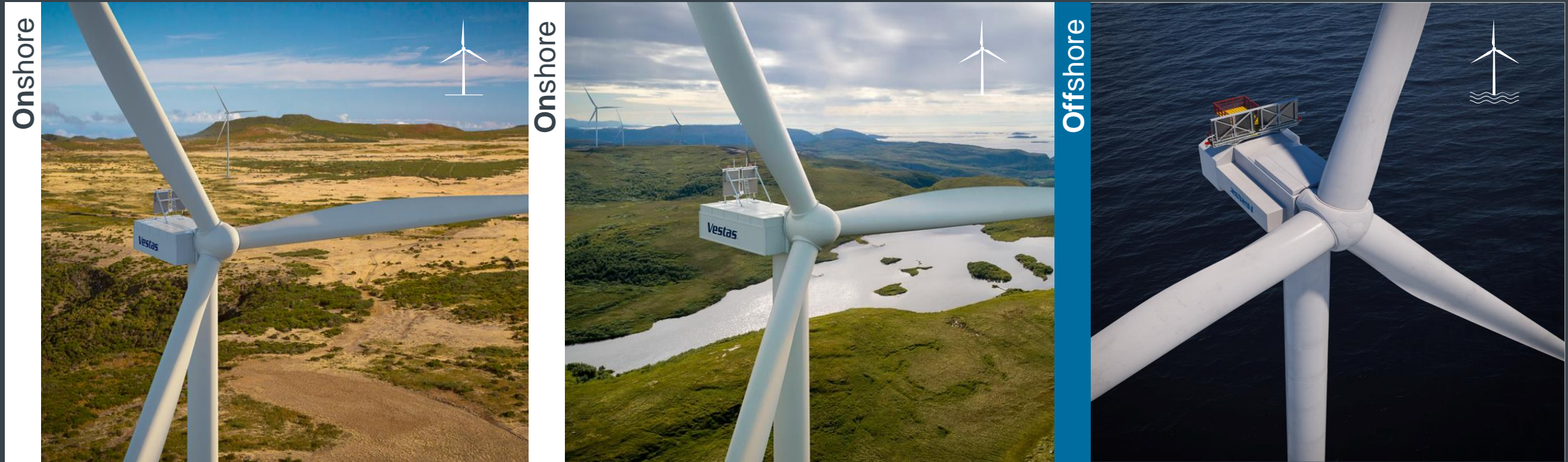


An aerial photograph of a wind farm in a dry, brown landscape. In the foreground, a large white wind turbine is shown from a low angle, focusing on the nacelle and the base of the blades. The blades extend across the top of the frame. In the background, several other wind turbines are visible, along with a body of water and distant hills under a clear blue sky.

Vestas' Latest Products

Cross-platform synergies enabling customisation flexibility

V172-7.2MW™ sharing modularised nacelle architecture with V162-7.2 MW™ and V236-15.0 MW™



V172-7.2 MW™

V162-7.2 MW™

V236-15.0 MW™

An aerial photograph of a wind farm in a vast, arid desert landscape. The foreground is dominated by the massive, white, cylindrical tower and nacelle of a wind turbine, with one of its long, slender blades extending across the top of the frame. Below, several other turbines are visible, their shadows cast long and dark on the reddish-brown ground. In the distance, a large, bright blue body of water stretches across the horizon, with low, brown hills in the background under a clear, deep blue sky.

Future of Vestas' Technology

Ambitious targets for our sustainability journey

CARBON FOOTPRINT

Carbon neutral company by 2030 – without using carbon offsets



CIRCULARITY

Producing zero-waste wind turbines by 2040



PEOPLE

Safest, most inclusive & socially-responsible company in the energy industry



ENERGY TRANSITION

Leading the transition towards a world powered by sustainable energy



LICENSE TO OPERATE

Vestas' Circularity Roadmap

Circularity pathways for Vestas' entire value chain

Design for circularity

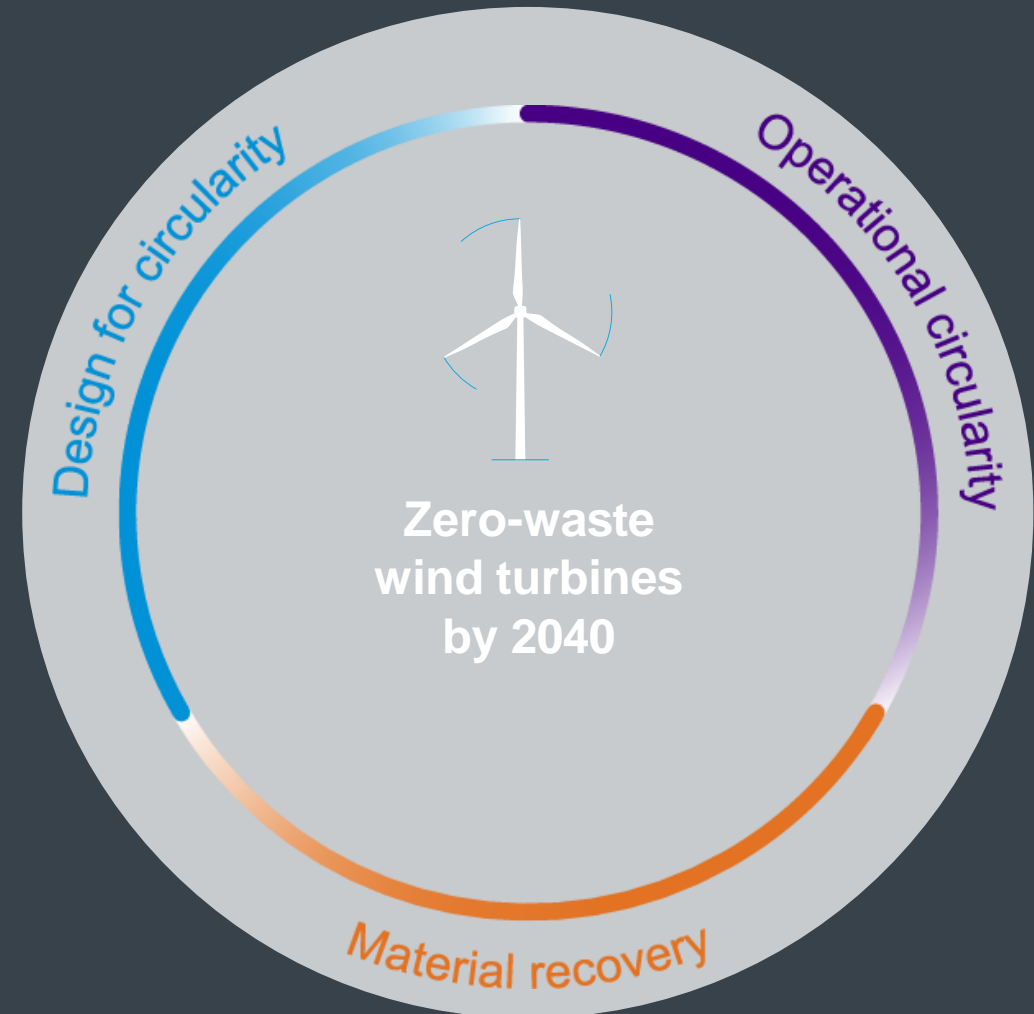
- Fully recyclable blades by 2030, both from technical and commercial perspective
- 90% increase in material efficiency by 2030
- 50% reduction in supply chain waste intensity by 2030

Operational circularity

- 55% total refurbished component utilization by 2030

Material recovery

- <1% of manufacturing waste landfilled by 2030
- >94% of manufacturing waste recycled by 2030





Vestas

Vestas pioneers
world's first **hydrogen-powered**
offshore **service vessel**

Wind. It means the world to us.™

Thank You

Vestas