

# Sustainability in Everything We Do

The Global **Leader** in Sustainable Energy Solutions

Vestas is dedicated to ensuring that our wind projects are installed, operated, and decommissioned sustainably. Steelhead leverages Vestas' recycling services and technologies to better support the communities we serve.

## Our sustainability goals:



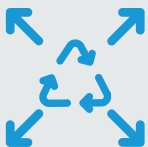
Carbon neutral by 2030—  
without carbon offsets



Fully recyclable blades by 2030



Produce zero waste turbines  
by 2040, offering a fully  
recyclable product



Expand blade recycling  
services and methods in the US



Vestas was named **the most sustainable energy company** in the world by Corporate Knights.

## Sustainable Decommissioning

A wind project lasts up to 30 years and is properly monitored and maintained throughout its lifecycle. At the end of project operations, a wind project is decommissioned safely, responsibly, and sustainably. Decommissioning activities include dismantling the wind turbines and restoring the land to its former state.



# Our Roadmap to Zero Waste Turbines:

Currently, **85% of a Vestas turbine is recyclable**. However, blades are especially difficult to recycle because they are designed to be both light and extremely durable, allowing them to operate under harsh conditions throughout their 30-year lifecycle.

**As the future of energy accelerates, Vestas is taking a leading role in advancing blade recycling technology and solutions.**



Vestas leads the Circular Economy for Thermoset Epoxy Composites (CETEC) coalition which aims to develop a **fully recyclable and circular blade** solution.



Vestas is a member of the DeComm Blades initiative—a group of 10 industry & academic partners—that will design new solutions for **blade material reuse**.



In 2021, Vestas launched a blade recycling partnership solution for several US wind projects where **local recycling infrastructure is robust**.

**Vestas recycles up to 100,000 pounds of blade material in the US each day.**

## Scaling Blade Recycling in the US

Vestas is spearheading blade recycling here in the US by offering **customizable recycling partnership solutions** to help meet the sustainability goals of our customers and communities. Vestas is working with several recycling organizations to expand our recycling methods and services, **enabling US wind farm operators to recycle** decommissioned blades.

By advancing recycling solutions and partnerships, **Vestas is expanding our portfolio of services to better support our communities** and partners, while simultaneously reducing waste to build a more sustainable wind industry.



In 2022, Vestas successfully **recycled 5,500 tons of blade material** in the US - a 212% increase from the previous year!