

June 8th, 2021

Developing Circular Wind Turbine Blades

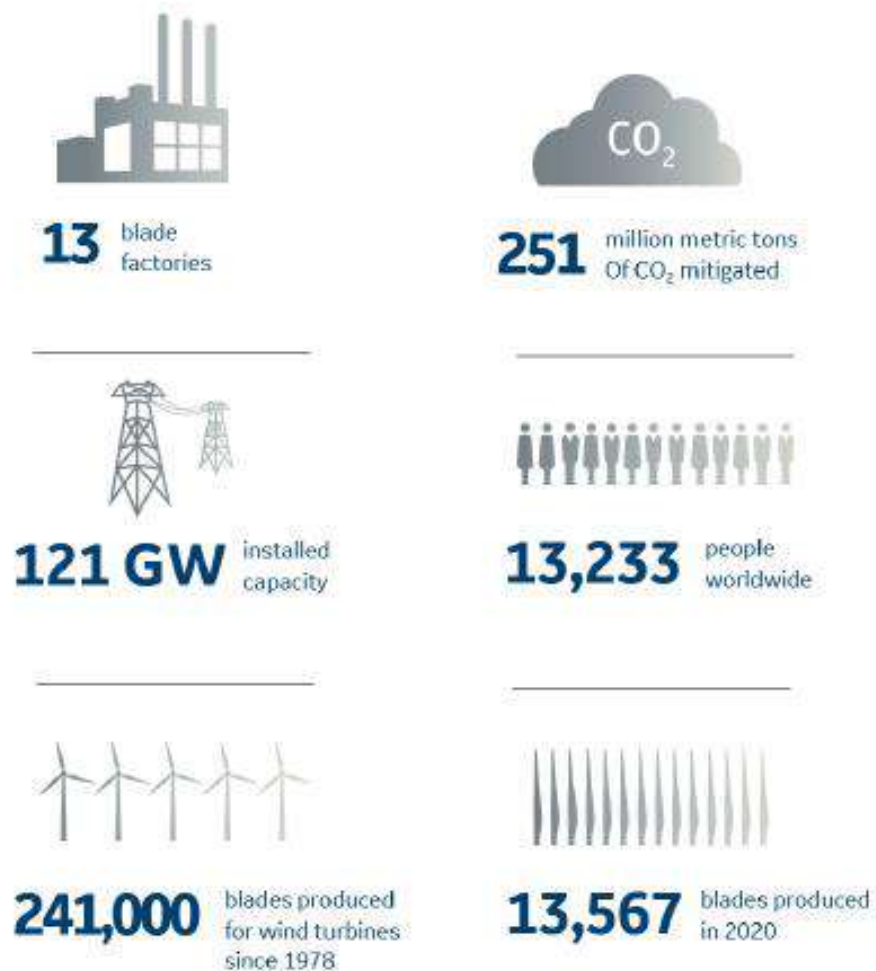


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LM Wind Power

A leading blade supplier to the wind industry



Factories and service locations
Brazil, Canada, China, India, Poland, France, Spain, USA, Turkey



Headquarters
Kolding, Denmark

How to go full circle...



- We need to **innovate** to reduce impacts throughout the blade life cycle, in keeping with our vision, 'Powering a cleaner world with **green** blades'
- We need to **develop viable cost-efficient, environmentally-friendly technologies** that fit into a circular economy, and we can't do it alone.
- ZEBRA is a groundbreaking project to **create zero waste wind turbine blades** by connecting these two priorities:
 1. forward-thinking technology to reduce impacts, and
 2. partnerships with the full value chain to make it a reality.

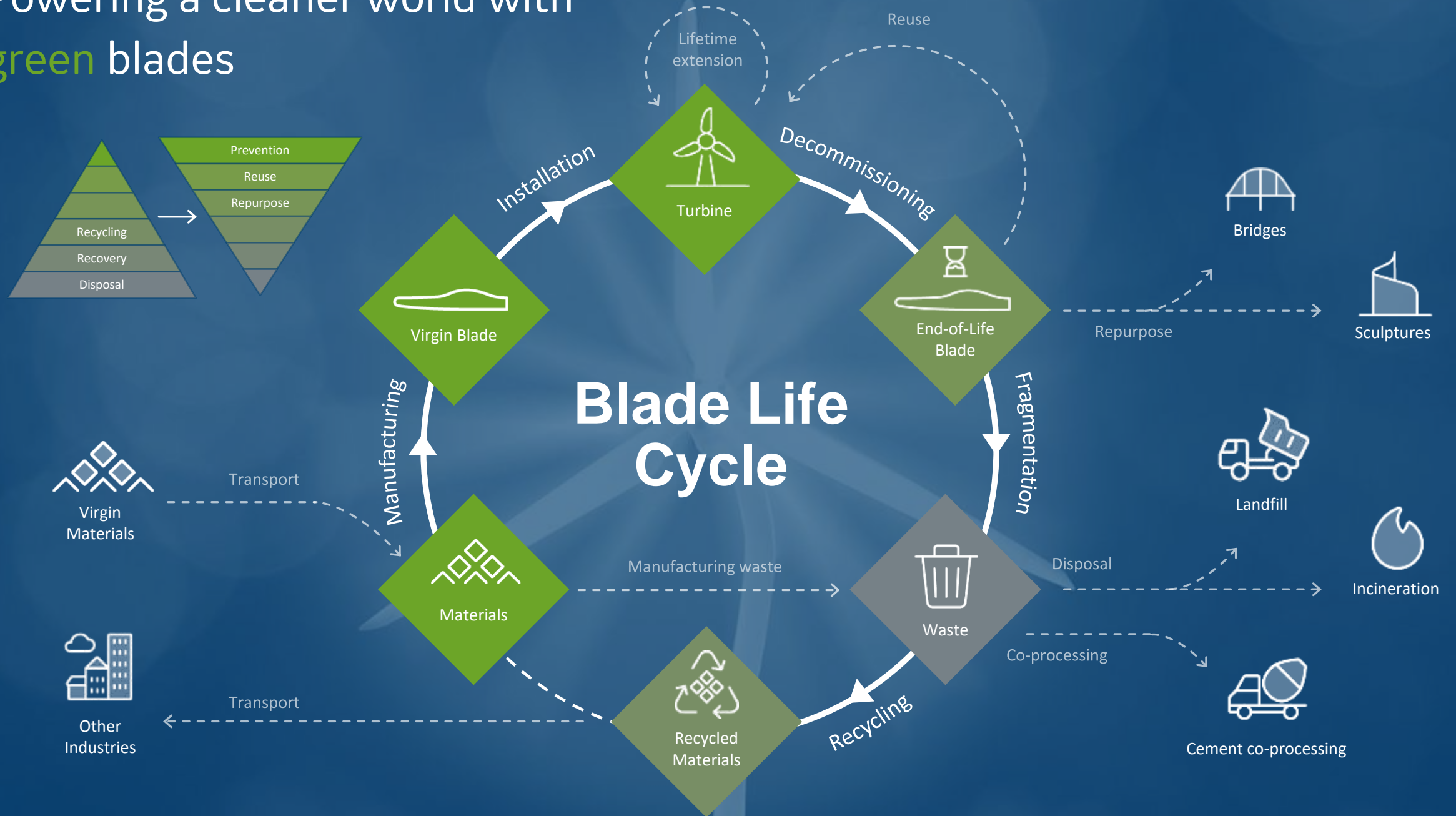
Sustainability is about enhancing enterprise value



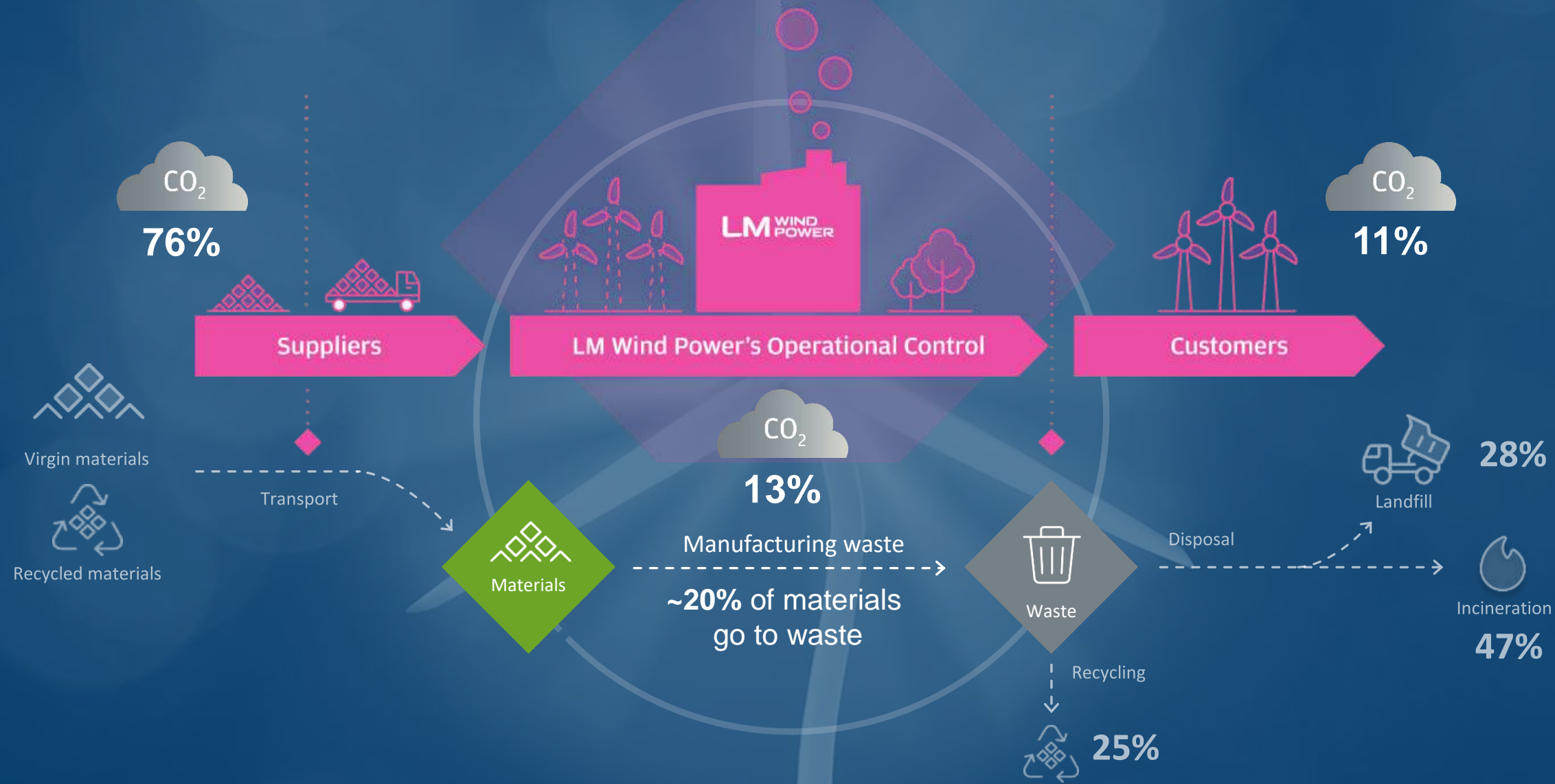
- Drive **operational excellence**
- Exceed **customer** expectations
- Reduce **costs**
- Improve **safety**
- Differentiate our **brand**
- Improve **reputation** with key stakeholders
- Reduce **risk**
- Motivate and engage **employees**



green blades



Reducing up- and downstream impacts



Circular economy must link the full value chain



ZEBRA (Zero waste Blade ReseArch)

Cross-sector partnerships and new value chains are required to realize the potential of manufacturing and material innovations in a circular economy



Unleashing Limitless Energy