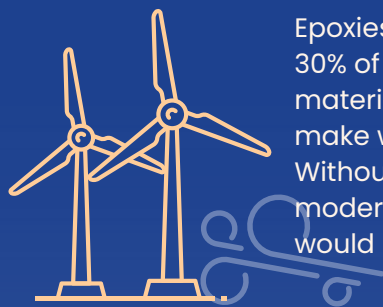


# EPOXIES IN NET ZERO TECHNOLOGIES

## 01 Renewable Energy



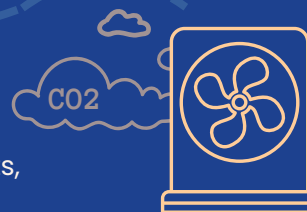
Epoxy makes up to 30% of the composite material used to make wind blades. Without epoxies, modern wind turbines would not be possible.

## 02 Electrical Grid



Epoxy shields the environment and insulates components, ensuring safety and reliability of systems that power our modern life.

## 03 Carbon Capture & Storage



Without epoxy, CCS installations would be more prone to malfunction and succumb earlier to corrosion.

## 04 Electric mobility



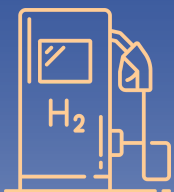
Epoxy forms the structural backbone of the motor and battery, protecting them from the environment and enhancing thermal conductivity.

## 05 Heat pumps



Epoxy resins are used as protective coatings offering high temperature resistance and excellent weather resistivity.

## 07 Hydrogen Fuel cells



Epoxy resins are used as chemically resistant adhesives. Without them, fuel cells would be more expensive, less safe, and require more maintenance.

## 06 Sustainable Biogas



Epoxy resins are used as matrix materials for composite pressure vessels. Without them, biogas pressure vessels would be prone to corrosion and be less safe.

