

Celanese and Henkel: Collaboration producing adhesives from CO₂

This presentation will present the commercial-scale carbon capture and utilization (CCU) project started up by Celanese in early 2024 to convert CO₂ emissions into a range of chemical products including key building blocks for adhesives. Celanese, via its Fairway Methanol JV with Mitsui and Co., captures 180,000 tons of CO₂ per year to produce 130,000 tons of methanol. That methanol can then be converted into a wide range of chemical products, including adhesives. Products and solutions made by Henkel via a collaboration that started in Nov 2024 will be highlighted. More broadly, the potential of CCU for other end markets will be shared as well as an overview of carbon capture and how CCU fits into the larger carbon capture space.