



Project Brief SABIC's CCU project

As a part of its sustainability program, Saudi Basic Industries Corporation (SABIC) plans to build the world's largest plant for capturing and using climate-warming carbon dioxide. It aims to capture around 1,500 tons a day of carbon dioxide from ethylene plants and purify it for use in other petrochemical plants in the industrial city of Jubail.

The carbon capture and utilization (CCU) plant will prevent about 500,000 tons of carbon dioxide a year.

It could also supply 200 tons a day of liquid CO₂ to the food and drinks industry.

While Carbon Capture and Storage (CCS) traps the gas underground, CCU purifies the gas for re-use.