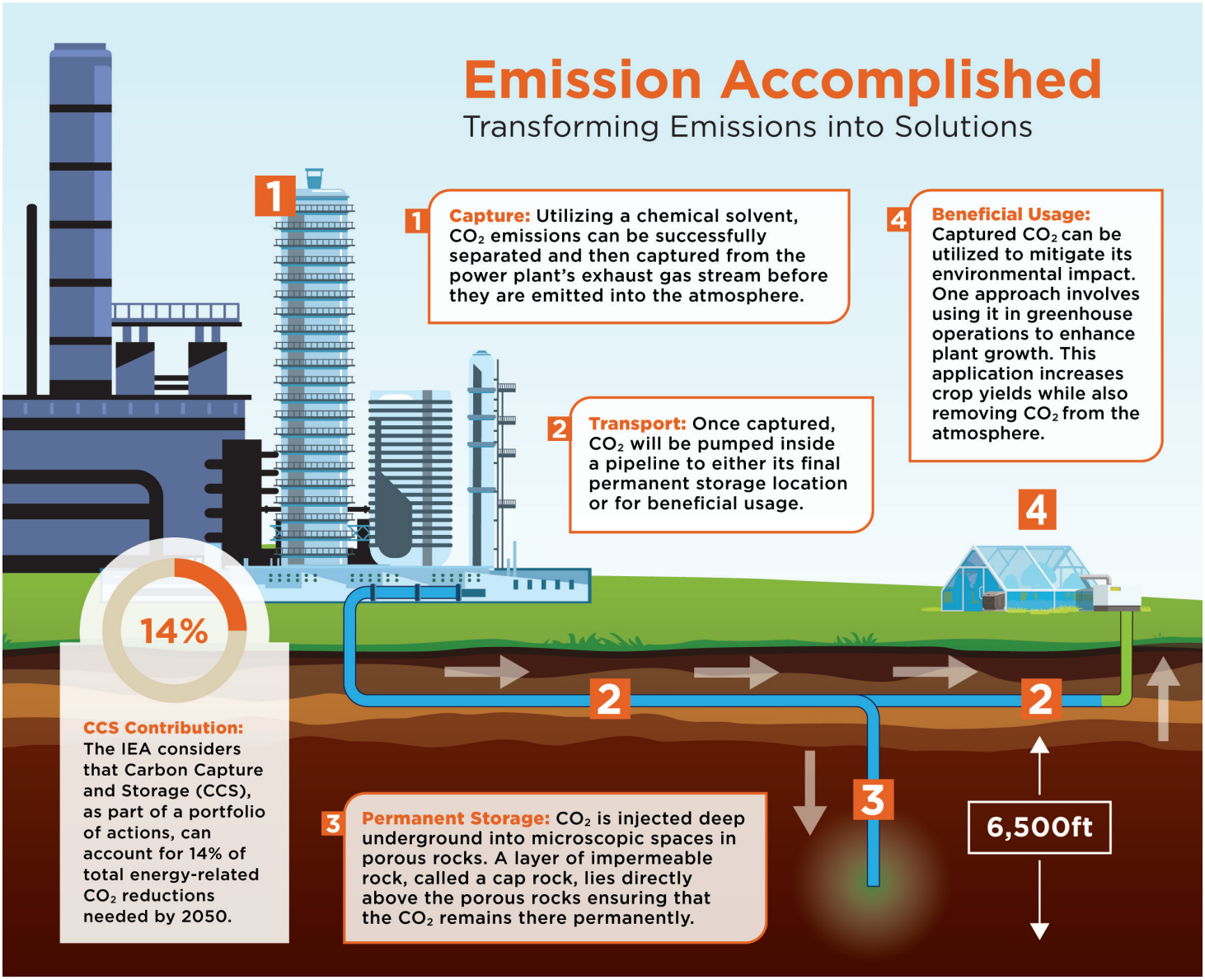
CARBON CAPTURE



The federal government has authorized billions of dollars in grant funding for carbon capture projects through 2035. NTEC was awarded the ability to negotiate for a carbon capture study on the Four Corners Power Plant by the U.S. Department of Energy's Office of Clean Energy Demonstrations. The study will determine the viability of adding carbon capture to the plant, which will decrease carbon emissions by 95%. NTEC has already begun this critical study, regardless of funding decisions.

Carbon Capture and Storage systems take the CO_2 gas from the exhaust of the power plant and transport it in pipelines either for permanent sequestration in the ground or after use in Enhanced Oil Recovery (EOR) applications.

There is also additional potential for the captured carbon to become a valuable, sustaining resource for the Navajo Nation. Pure CO_2 is used in greenhouses, for beverage carbonation, dry ice production, in the pharmaceutical and biotech fields, as a fire suppressant, in clean water applications, and in many other applications.

Carbon capture allows the NavEnergy Hub to maximize current resources for cleaner fuel generation and to develop new revenue streams from otherwise wasted carbon. It also ensures grid reliability and prevents energy poverty by keeping utility prices low through the utilization of affordable, reliable, and readily available natural resources, while achieving clean energy targets.