



TRANSPORTATION OF CO₂

Safely and reliably transporting carbon dioxide (CO₂) from where it is captured to a storage site is an important stage in the carbon capture and storage (CCS) process.

Transport of CO₂ occurs daily in many parts of the world, however, significant investment in transportation infrastructure is required to enable large-scale deployment.

Once separated from other elements of the flue gas (gas exiting via a chimney or 'flue'), the CO₂ is compressed to make it easier to transport.

Today, CO₂ is already transported most often by pipeline, but also by ship and road tanker, primarily for use in the oil industry where CO₂ is injected into mature fields to enhance oil recovery, as well as for use in the food and beverage industry. However, the scale of transportation required for widespread deployment of CCS is far more significant than present levels.

