

TRANSPORTATION OF CO₂

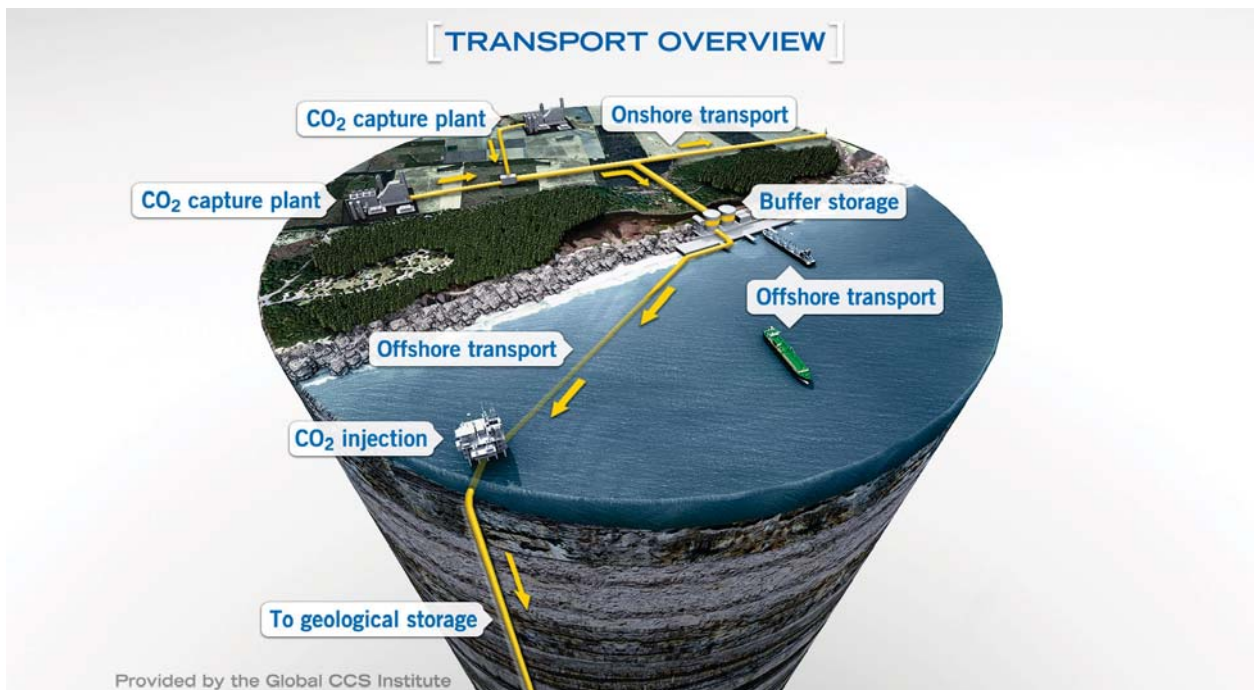
Carbon dioxide (CO₂) is a naturally occurring greenhouse gas that is also produced by human activity. Permanently storing CO₂ deep underground can help address climate change by keeping this greenhouse gas out of the atmosphere.

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.



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