



Visions for Greenhouse Gas Removal

Further information about GGR

In case you need further information or references for how GGR works and what counts as GGR, check out the following links:

- [State of CDR report](#)
- [Protecting and restoring peatlands](#)
- [Using machines to capture CO₂ from the air, also known as Direct Air Capture \(DAC\)](#)
- [Harnessing the power of the ocean](#)
- [Restoring mangrove ecosystems and coastal wetlands](#)
- [Creating and managing woodlands](#)
- [Making biochar and using it in agriculture](#)
- [Using wood in construction](#)
- [Crushing basalt from quarries and adding it to soil](#)
- [Changing agricultural practices to improve soil](#)
- [Growing crops to generate energy and store CO₂](#)

While a significant body of climate experts agree that reducing CO₂ (and other greenhouse gas) emissions from the atmosphere is the most significant step towards achieving global ‘net zero’ targets by 2050, identifying and implementing techniques for removals are a necessary part of this mission. They help close the gap in contexts where emissions reductions prove difficult or impossible (i.e. aviation, steel, cement, and chemicals manufacturing). While some processes naturally contribute to the removal of carbon or greenhouse gases from the atmosphere, note that GGR necessitates some human involvement in the process – land-based, agricultural, marine, or technological.

