

ETC CDR Report - Quotes

Commissioner Quotes

This important and detailed report highlights the critical role carbon dioxide removals can play alongside deep decarbonisation if the world is to limit temperature rise to 1.5°C. A combination of natural climate solutions, direct air capture with storage, and biomass with carbon removal and storage can support rapid and sustained decarbonisation of the global energy system.

Spencer Dale, Chief Economist - bp

CO2 removal technologies are the best shot of humanity as Climate Vaccine for the unfolding climate crisis. Dalmia Cement has one of the lowest carbon footprints in the cement industry and we have committed to carbon negative transition on account of Nature Based Solutions, waste & CO2 recycling, renewable electricity, and sustainable biomass use.

Mahendra Singhi, Managing Director and CEO - Dalmia Cement (Bharat) Limited

The report from ETC estimates that between 70 to 225 gigatonnes of negative CO2 emissions are required between now and 2050 to deliver a 50% chance of limiting global warming to 1.5°C. Natural-climate solutions, engineered and hybrid solutions will play a key role in keeping to a net zero world. The insights provided by the report will provide financial institutions to make key decisions to ensure adequate deployment of capital across the feasible carbon dioxide removal technologies.

Zoe Knight - HSBC

This report highlights the likely essential role of carbon removals in stabilizing global heating at safe levels, as well as mass electrification and a phase out of fossil fuels. From a technology innovation perspective reducing the costs and improving the energy efficiency of direct air capture (DACCS) will be important and represent a good opportunity for technology investment.

Robert Trezona, Head of Cleantech – IP Group

The best insurance policy to avoid catastrophic climate change is the one that eliminates emissions now by leveraging proven, low-cost, and rapidly scalable alternatives to fossil fuels. However, as ETC's report points out, engineered carbon dioxide removal can provide a critical insurance policy against the worst-case scenarios. De-risking these technologies now is critical to safeguard our planet for future generations.

Jules Kortenhorst, CEO – Rocky Mountain Institute

As a founding member, we are pleased to see this latest report recognises the importance of carbon removal in achieving the climate goal of the UN Paris Agreement. Carbon removal will be critical to limiting a temperature rise to 1.5C, both to address emissions during the transition and any remaining emissions after 2050.

Mallika Ishwaran, Chief Economist - Shell

Limiting global heating to 1.5 degree Celsius is imperative. We are glad that ETC has analysed and brought out this report on carbon reduction potential, pathways and costs for the eventuality that carbon emissions go beyond the permissible limits. It will generate informed discussion on what may be feasible in the most optimistic scenario. More importantly, it demonstrates that we do not have much headroom for carbon reduction. We hope it will help in convincing all stakeholders that more vigorous action is needed now especially in the advanced industrial economies to drastically lower emissions in this decade itself by going well beyond NDCs.

Dr. Vibha Dhawan, Director-General – TERI

This report's findings that 90% of carbon dioxide removal in the coming decade will need to come from nature make it clearer than ever where companies should focus efforts. Any company that wants to play their part in tackling the climate crisis needs to be both cutting emissions in line with halving global emissions by 2030 and investing in nature based solutions both within and beyond their value chains.

María Mendiluce, CEO – We Mean Business

Third Party Quotes

This work is a major step forward in bringing clarity to the most complex, divisive, and intellectually challenging issue at the heart of achieving the Paris goals. The ETC Team have built an essential bridge for laypeople: connecting the latest climate-science with highest-ambition decarbonisation scenarios. For the first time – we can clearly see the role of carbon removal in keeping 1.5 alive. Your contribution is essential.

Alex Joss, Technology & Innovation lead - UNFCCC COP26-27 Climate Champions

In addition to rapid and deep decarbonisation, governments and corporates must work together, starting now, to scale-up an ambitious and diverse portfolio of CDR solutions. As we look ahead to COP27, this is vital to delivering on commitments made in Glasgow and keeping 1.5°C alive.

Nigel Topping, UK High Level Climate Action Champion