Circular Carbon Technologies (CCT)

WE ARE DEVELOPING A NOVEL ELECTROCHEMICALLY BASED CARBON CAPTURE TECHNOLOGY THAT ENABLES THE DECARBONIZATION OF OUR ATMOSPHERE

CCT envisions a decarbonized atmosphere through innovative electrochemical-based technology. Our system captures CO2 emissions, reducing greenhouse gases. It stores CO2 effectively in a porous media storage unit, seamlessly integrating with existing facilities.

- Exceptional CO2 capture efficiency of >95% ensures reliable and efficient carbon capture
- Optimal system efficiency with minimal energy consumption for optimal resource recovery
- Energy efficiency surpassing current carbon capture technologies setting new efficiency standards, promoting sustainability and cost-effectiveness
- Potential to operate solely on renewable electricity, reducing reliance on fossil fuels
- Chemical-free operation enabling a safe and eco-friendly carbon capture process
- Seamless integration minimizes disruptions to existing operations, ensuring a smooth transition
- High CO2 purity levels providing valuable, sustainable feedstock for various sectors

Team

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