

# Science Park

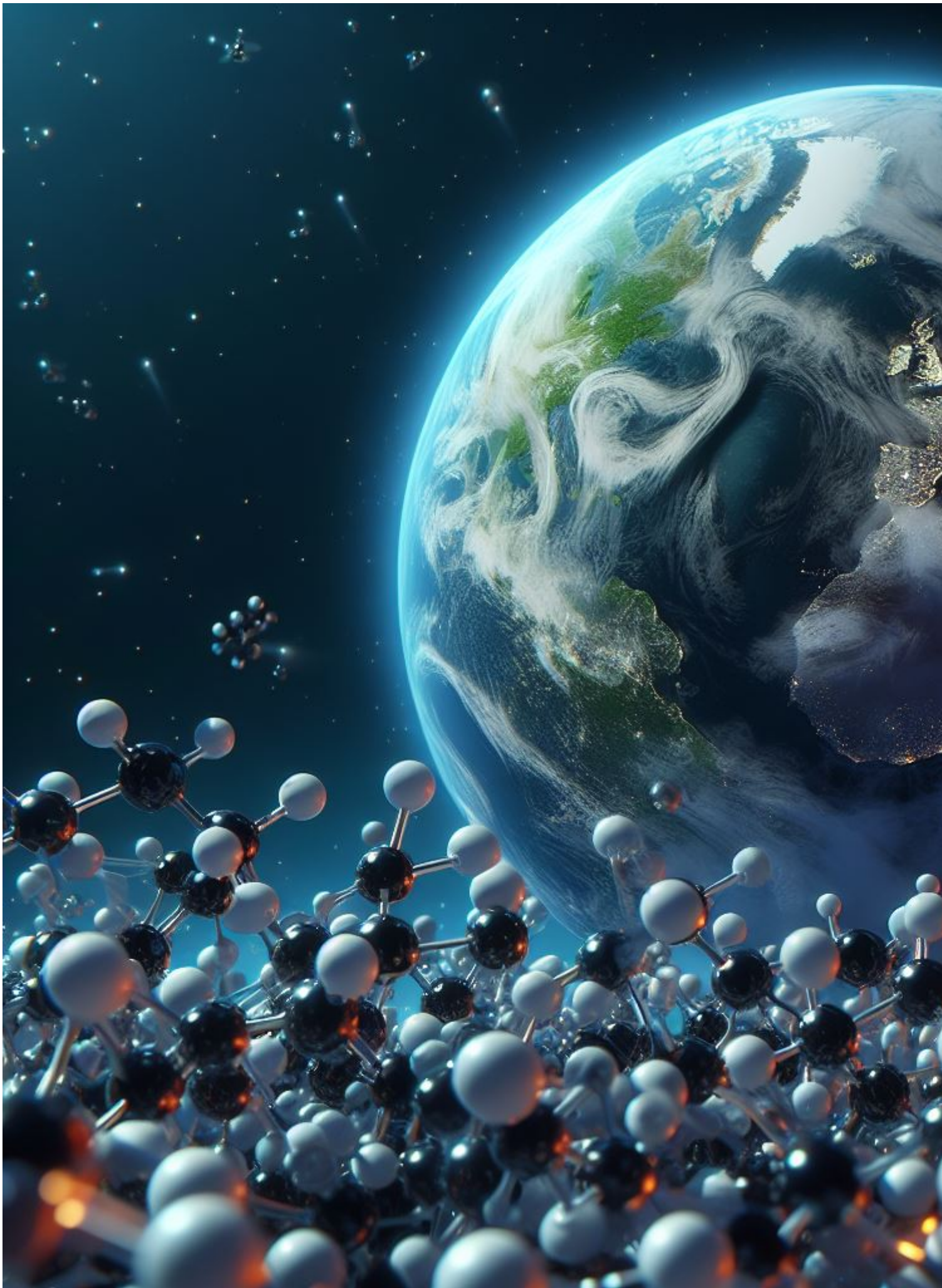
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# Circular Carbon Technologies (CCT)

**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 CO<sub>2</sub> emissions, reducing greenhouse gases. It stores CO<sub>2</sub> effectively in a porous media storage unit, seamlessly integrating with existing facilities.

- Exceptional CO<sub>2</sub> 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 CO<sub>2</sub> purity levels providing valuable, sustainable feedstock for various sectors

## **Team**

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