



Mars Materials turns captured carbon into useful materials | Photo source [Anne Nygård on Unsplash](#)

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SEQUESTERED CO2 TURNED INTO CARBON FIBRE AND WASTEWATER TREATMENT CHEMICALS



SUSTAINABILITY

The company aims to use at least a gigatonne of captured carbon in everyday products

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9th November 2022

Website: marsmaterials.tech

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Takeaway:

Currently, less than one per cent of global [carbon emissions](#) are captured and stored. Yet experts say that the carbon capture and storage (CCS) market could pull significant amounts of carbon emissions out of the atmosphere. What is needed to bridge that gap is the rapid scaling of available technologies and swift development of the next set of innovations. As well as

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port, startups need regulatory guidance, and flexible approaches from governments, transparent, and equitable solutions to challenges specific to a locale. Mars Materials is leading the way in showing how captured carbon can be put to use in the behind-the-scenes manufacturing processes that support our everyday habits.