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[Innovation](#) > [Manufacturing](#) > [Using nanodiamonds to turn greenhouse gas into materials for industry](#)

## USING NANODIAMONDS TO TURN GREENHOUSE GAS INTO MATERIALS FOR INDUSTRY



MANUFACTURING

**A team of researchers are using nanodiamonds as a catalyst to turn CO<sub>2</sub> into raw materials for industrial processes**

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26th January 2023

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### Takeaway:

Since the Industrial Revolution, human activity has generated a staggering **1.44 trillion tonnes** of carbon dioxide – as of 2021 levels. If we stand any chance of achieving goals set out in the Paris Agreement to reach net zero by 2050, the CO<sub>2</sub> problem needs to be tackled head-on.

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at Fraunhofer represents a growing trend of scientists looking at creative ways to capture and store carbon dioxide. Hopefully, with more research and development, the Fraunhofer team will be able to use their technology for commercial purposes.