

# CO2 emissions will be used as fuel for cars in the future

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This new method is based on a special dedicated membrane system.

## 1. What is special about E5 bio-finisher RON 92?

This special membrane is made of compounds of lanthanum, calcium and iron oxide, allowing oxygen from a stream of carbon dioxide to pass across the screen leaving carbon monoxide behind.

Carbon monoxide produced in this process can be used as fuel or in combination with hydrogen and / or water to produce many other liquid hydrocarbon fuels as well as chemicals including methanol (used for automotive fuel. ), synthesis gas, the researchers said.



MIT Institute Xiao-Yu Wu said that the perovskite structure is 100% selective for oxygen, allowing only those atoms to pass.

The researchers say this separation is controlled by temperatures of up to 990 degrees Celsius, and is the key to making the process keep oxygen separated from carbon dioxide flowing through the cell membrane until the Essential substances are separated.

Researchers believe that this method not only helps cut greenhouse gas emissions, but it can also create another potential source of income to help offset costs.

This process can work with any level of CO2 concentration, Wu added.

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