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LanzaTech collaborates with Indian IOC-DBT

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Singapore: LanzaTech, a New Zealand-based firm has collaborated with India to convert harmful carbon dioxide emissions into omega-3 rich fatty acids. These fatty acids with their rich benefits have recently become a multi-billion-dollar business across the globe.

In collaboration with India's IOC-DBT Center for Advanced Bio-Energy Research, Lanza Tech's microbial processes have been used to produce oils by recycling carbon dioxide gases. Mr Jennifer Holmgren, LanzaTech, CEO, said, "We have long focused on increasing energy access and today we are a step closer to increasing access to affordable nutrition for all."

The company has planned to open a pilot manufacturing facility at IOC next year to integrate the processes. IOC is jointly funded by the Indian government, the Department of Biotechnology, and the Indian Oil Corporation.

LanzaTech has mechanisms to absorb carbon-rich gases from large industrial operations such as steel plants and uses microbes to recycle the waste gas. Spread across the globe, the company has offices in US, Europe, China, India and New Zealand.