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**SENT TO LSU AGCENTER/LOUISIANA FOREST PRODUCTS DEVELOPMENT CENTER - FOREST SECTOR / FORESTY PRODUCTS INTEREST GROUP**



Brandon is a friend and (smart) colleague.

## **ReactWell licenses ORNL catalyst for energy conversion applications**

Full Article/Press Release:

<https://www.ornl.gov/news/reactwell-licenses-ornl-catalyst-energy-conversion-applications>

**Topic:** [Advanced Materials](#)

March 1, 2019

OAK RIDGE, Tenn., March 1, 2019—ReactWell, LLC, has licensed a novel waste-to-fuel technology from the Department of Energy's Oak Ridge National Laboratory to improve energy conversion methods for cleaner, more efficient oil and gas, chemical and bioenergy production.

ReactWell will bring ORNL's [electrochemical process](#), which converts carbon dioxide directly into ethanol, into the company's existing conversion solution known as the ReactWell process.

The brainchild of inventor Brandon Iglesias, the ReactWell process is a research and development project involving a reaction that converts organic material to synthetic crude oil. It can be used by refineries to upgrade their feedstock or to convert biomass to oil.

ORNL's method involves nanofabrication and catalysis science, using tiny spikes of carbon and copper to turn the greenhouse gas into a sustainable liquid.

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