



A collaborative initiative has been started by Birla Carbon, a producer of carbon black solutions, to create graphite for lithium-ion (Li-ion) batteries that is obtained from biocrude. The business has partnered with NC State University, the [National Renewable Energy Laboratory \(NREL\)](#), Ensyn, the Battery Innovation Center (BIC), and Yale University to develop and scale up the manufacturing of graphite made from biocrude.

In a Li-ion battery, graphite is one of the materials used to store lithium. Making battery-grade graphite from biocrude is a sustainable way to make such priceless materials. Portable electronics, power tools, household energy storage, and grid-level storage applications are all increasingly reliant on this technology, which is essentially driving the market for Li-ion batteries.

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