Distributed by UW News Service, October 13, 2025

Link to original story: <https://uwm.edu/news/uwm-engineer-discovers-a-way-to-turn-used-ev-batteries-into-fertilizer/>

UW-Milwaukee engineer discovers a way to turn used EV batteries into fertilizer

Captions

*1*  
*Deyang Qu, professor of mechanical engineering at UW-Milwaukee, holds a lithium iron phosphate battery, one of many needed to power electric vehicles. He has developed a strategy to recycle the retired batteries to create an economic opportunity. (UWM Photo/Troye Fox)*

*2  
Qu and graduate student Soad Shajid examine a lithium-ion battery electrode, with the intention of separating the useful battery material from the metal it’s attached to. The goal is to better understand it and make it easier to recycle. (UWM Photo/Troye Fox)*