

# Battery research and development ireland



## Overview

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Researchers at University of Limerick (UL) have developed a battery that could reshape the future of electric vehicles and portable electronics. Their breakthrough in energy storage technology has seen the development of the world's first full-cell dual-cation battery. AMPEiRE - the National Rechargeable Battery Fabrication and Test Facility that will be a one stop shop for battery development was launched today (Monday) at UL's . We are a research group based in the Department of Chemical Sciences and the Bernal Institute, within the University of Limerick, Ireland. The University of Limerick announced the new facility's launch at an event at the UL Bernal . University of Limerick is strategically positioned to be the European focal point for pioneering research in next generation batteries.

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### [World's first full-cell dual-cation battery developed in Ireland](#)

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### **About , Bastille project**

It aims to transform Ireland into a leader in circular economy practices, with a particular focus on the sustainable production and recycling of battery materials such as graphite.



### **University of Limerick opens battery development facility**

The University of Limerick claims that the infrastructure will allow the manufacture of prototype batteries from single cell and coin cell to pouch level cells, which can transform battery

### [University of Limerick leads the way for more sustainable, longer](#)

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### **Form Energy and FuturEnergy**



## Ireland Announce Agreement To

Somerville, MA - Form Energy, an American energy storage company, and FuturEnergy Ireland, a leading Irish clean energy developer, today announced an agreement to jointly deploy a 10

## AMPEiRE University of Limerick new battery research hub

AMPEiRE at University of Limerick is strategically positioned to be the European focal point for pioneering research in batteries



## McNulty Group

Our research is focused on the development of nanostructured materials for use in energy storage applications, specifically lithium-sulfur and lithium-ion batteries. Our research is funded through the

## [University of Limerick is amped for new battery research facility](#)

The facility will create materials for more sustainable and energy efficient batteries for medical devices, consumer electronics, electric vehicles, and more. The facility will also enable the



## [UL leads the way for more sustainable, longer range and faster](#)

Speaking at the launch, Minister O'Donovan said: "Research and innovation have a vital role to play in tackling the sustainability problems facing the world today. There is an increasing

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