

CHEMISTRY. INNOVATING INDUSTRY.



“I hope to provide a sustainable process to power greener, low-carbon transport.”

Skills

- ✓ Project management
- ✓ Communication
- ✓ Technical work

Minimum qualifications

- A relevant degree, followed by a PhD

Salary

- Starting salary £30,000 – £40,000 a year
- Industry median salary £46,100 a year

HOW DOES ZUBERA MAKE A DIFFERENCE?

I'm a Battery Recycling Research Fellow at the University of Birmingham where I'm finding a sustainable process to power low-carbon transport by researching the reuse and recycling of lithium-ion batteries from electric cars.

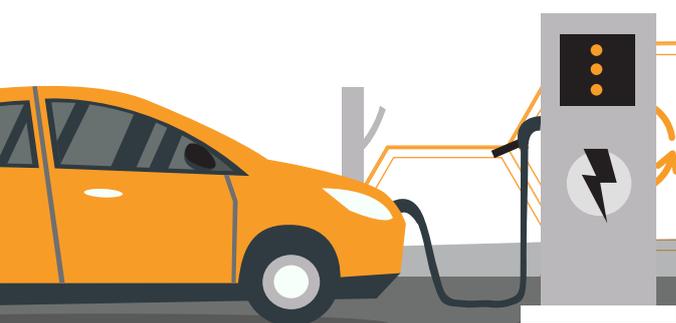
WHAT'S INVOLVED?

- Exploring ways to recycle Li-ion batteries
- Developing technologies to separate and purify the materials in Li-ion batteries
- Using bacteria to recover lithium
- Researching alternatives to traditional recycling methods

DID YOU KNOW?

Currently, only 5% of batteries are recycled. Lithium is needed to make Li-ion batteries, but it's running out and won't last forever.

In 2035, all new vehicles in the UK will be electric, so we need to make sure we recycle lithium for future generations.



WANT TO KNOW MORE?

A Future In Chemistry: [rsc.li/future](https://www.rsc.li/future)

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