

Will Sunderland set up a dedicated battery recycling plant?

(Image: Crest Photography) Plans to establish a dedicated battery recycling plant in Sunderland have taken a step forward, thanks to a £1.7m investment deal.

How can battery recycling improve the sustainability of electric vehicles?

On top, battery recycling further improves the sustainability of electric vehicles as recycled metals have a significantly lower carbon footprint compared to metal production from mining.

Does Altium recycle lithium ion batteries?

Altium is currently in the process of developing a lithium-ion battery (hereafter, "LiB") recycling business in the UK. - Altium operates a small-scale pilot plant in Plymouth, UK, which recycles LiBs used in EVs to produce low-carbon, sustainable recycled materials such as sulphate for use in battery materials.

Can lithium-ion batteries be recycled?

Experts from the University of Birmingham's School of Metallurgy and Materials, one of nine contributing partners, will focus on separating lithium-ion batteries' black mass and direct, cost-effective recycling processes.

How much money does Northstar invest in a battery recycler?

The firm, which aims to be the UK's sole end-to-end recycler of household lithium-ion batteries by 2026, has secured £1.7m in an investment round led by Northstar Ventures through its Venture Sunderland Fund. This funding will aid in scaling up the production process and expanding the Sunderland site.

What is REVITALISE & how can it revolutionise battery recycling?

With EUR3.5M funding from the Horizon Europe programme and Innovate UK, through their Horizon Europe Guarantee Fund, the REVITALISE consortium aims to revolutionise battery recycling, targeting a comprehensive range of materials, including lithium-ion and sodium-ion batteries which represent 85% of battery waste streams up to 2025 and beyond.

American Battery Technology Co., Ascend Elements, Cirba Solutions, Clarios Circular Solutions, Li Industries and others will use the funding for facilities to recycle and process critical materials. Published Sept. 24, 2024 Megan Quinn Senior Reporter Dive Brief: Dive Insight: Funded through the \$1 trillion infrastructure law passed in 2021, the most recent round of DOE ...

[footnote 33] This follows significant UK R& D investment, including the establishment of the Advanced Propulsion Centre (APC) in 2013 - bringing together £1.4 billion in joint industry and ...

American Battery Technology Co. (ABTC), a Reno, Nevada-based critical battery materials company, has

received a contract grant award for its \$20 million project from the U.S. Department of Energy (DOE) for a multipartner industry ...

The latest battery recycling news looking at innovative ways to recycle batteries from the EV and home energy storage sectors. ... Discover how the EU's EUR3bn investment is transforming battery manufacturing, driving innovation, ...

Capable of shredding and recycling multiple battery types, including an alkaline processing plant which is fully operational, and a lithium processing line which is currently being established, a forecasted 10,000 tonnes are expected to be ...

Altium has secured a \$5m (£3.9m) investment from Japan's Marubeni Corporation to strengthen its electric vehicle (EV) battery recycling operations.

12 ???· Ace Green Recycling. Ace Green Recycling has finalized a lease agreement to establish India's largest battery recycling facility in Mundra, Gujarat. The state-of-the-art facility will focus on recycling lithium iron phosphate (LFP) batteries, tapping into the growing demand for LFP battery recycling in the country. Location: Mundra Gujarat

SK Tes, a Singapore-based business unit of South Korea's SK EcoPlant, has opened the doors on a lithium-ion and electric vehicle (EV) battery recycling facility in the Netherlands it says is designed to meet the "surging ...

18 ???· Lithium Salvage has received further investment to expand its battery recycling facility, capable of recovering 98 per cent of shredded battery material. Battery recycling firm ...

"Battery-News" presents an up-to-date overview of planned and already implemented projects in the field of lithium-ion battery recycling. The relevant data comes from official announcements by the respective players ...

1 ??· Plans to establish a dedicated battery recycling plant in Sunderland have taken a step forward, thanks to a £1.7m investment deal. Lithium Salvage aims to construct an ...

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