

For the last six years, it has focused on extracting lithium contained in rechargeable batteries used in everything from mobile phones and laptops to electric cars and solar panels.

While mining multinationals seek to extract lithium from the salt flats of Chile, Bolivia or Australia, in Costa Rica this company innovates with "urban mining" that recycles minerals.

But lithium manufacturing crops take in thousands and thousands of liters of water and can be harmful to the setting. Acquiring lithium from recycling batteries expels only a quarter of the world-warming CO2 ...

While the battery casings take about 100 years to decompose, the often toxic heavy metals inside never do. For Fortech, this presents a proverbial gold mine, and for our planet, perhaps ...

This charge is made because Ecological Services must pay the final processor company for the proper disposal of this waste type, which, by means of sophisticated and specialized technologies, ...

We have been a trusted partner for fully integrated and modular end-to-end electric vehicle (EV) logistics services for years now, including everything from batteries to entire vehicles.

They validated the designs with German universities and built machinery that can recover 98% of the material that makes up the battery. The system has been operating since December 2022, with the ...

The Costa Rican company Fortech has specialized in recycling technological products for 27 years. For the past six years, it has been working to give new life to lithium batteries. Fortech's Cartago plant is ...

Their li-ion battery breaking and separating equipment is engineered to handle the larger, more complex battery packs found in EVs, with modular designs that can be customized to process ...

Issue Mar 08-14 2023: Around 1,500 tons of batteries become obsolete every year in Costa Rica, piling up in collection bins at shopping malls, electronics stores, or electric vehicle sellers.

Web: <https://www.black-hat.co.za>