



# TÄ¼rkiye tozero solutions

What is tozero & how does it work?

Tozero, a Munich-based startup that recovers valuable raw materials from recycled lithium-ion batteries, is gearing up to scale. The startup just closed an oversubscribed EUR11 million seed round (around \$11.7M) to step up production by building its first industrial deployment (A.K.A first-of-a-kind or FOAK) plant.

Is tozero ready for unlimited capacity?

Currently, Tozero's pilot plant processes nine tonnes of lithium-ion battery waste per day, but the startup is shooting for unlimited capacity in what it hopes will be just another couple of years of scaling its business. "Other competitors raise way more money to get to industrial plant."

What is tozero based on?

Before founding Tozero, Neumann spent years at RWTH Aachen developing a breakthrough water-based carbonation process for extracting lithium and other elements like graphite from black mass. This powdery substance is produced after shredding and processing spent batteries. Neumann's research gave Tozero a significant head-start.

Will tozero be able to recycle batteries?

That's what we're aiming to build," co-founder and CEO Sarah Fleischer (pictured above, left) told TechCrunch. Once Tozero's process hits industrial pace and functionality, the startup says there will be no hard limit on what it can achieve in battery recycling as long as it can keep accessing waste streams.

Does tozero have a black mass market?

Access to black mass, the byproduct of mechanical recycling of lithium batteries that Tozero processes, is not restricted across borders. And on the competition front, Fleischer describes this as a "completely blue ocean market," with battery recycling efforts mostly focused elsewhere.

Who founded tozero?

Tozero was founded in 2022 by serial entrepreneur Sarah Fleischer and metallurgy expert Dr. Ksenija Milicevic Neumann. When the pair first met, they were working in the space industry. Three years later they teamed up to fix a pressing issue here on Earth.

Through this, tozero is creating a circular and local source of lithium, reducing Europe's reliance on imports and lowering the carbon footprint of those imports. This enables tozero to take a slice out of the lithium-ion battery recycling market that's on track to be worth \$101 billion annually by 2043. Solving the critical materials crisis

ToZero is introducing a sustainable process to recover critical materials from all types of Lithium-Ion Batteries. They will be the first in Europe capable of recovering all critical materials: Lithium, Nickel, Cobalt,



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Manganese and Graphite.

Honda Xcelerator Ventures welcomes tozero to its portfolio to drive sustainable lithium production in Europe. Munich, 12 November 2024: tozero - Honda Xcelerator Ventures is proud to announce our investment in tozero, Europe's pioneer in sustainable lithium-ion battery recycling. tozero recently raised EUR11 million in their seed round, which will fund the ...

tozero General Information Description. Developer of lithium-ion battery recycling technology intended to accelerate the decarbonization efforts. The company utilizes a sustainable process to recover critical materials like lithium, nickel, cobalt, graphite, and manganese from all types of batteries, enabling industries to get fresh raw materials back into the supply chain.

We are happy to announce that JGC Holding Corporation (Masayuki Sato CEO) and JGC Japan (Yasuharu Yamaguchi CEO) jointly invested in tozero GmbH through Mirai Corporate Venture Capital (CVC) fund. ...

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tozero tozero truly closes the loop by returning recycled raw materials back into the battery supply chain Black Mass Cell Manufacturing Product Usage (+ second life) Collection + Pre-processing produced LiBs end-of-life LiBs 10-20% production scrap Deliver local raw LiB materials source Black Mass Mining & Processing Remainin g waste

Tozero, a visionary Munich-based firm, has brought up \$11.7 million in seed capital to expand its creative battery recycling solutions as the demand for lithium rises internationally. With this substantial investment, Tozero will be able to construct its first large-scale facility, increasing its ability to recover vital components from lithium ...

tozero is a Munich-based startup co-founded by Sarah Fleischer and Dr. Ksenija Milicevic Neumann. The company's target is to establish Europe's leading lithium-ion battery recycling plant, focused on recovering critical materials such as lithium and graphite in a sustainable way.

Last Update: 23.04.2024 . Munich, Germany - 23.04.2024: tozero, a Munich-based climate tech pioneer in lithium-ion battery recycling, marks a significant industry breakthrough with the first commercial delivery of recycled lithium ...

About tozero. tozero recycles lithium-ion batteries within the environmental sustainability sector. The company recovers materials such as lithium, nickel, cobalt, manganese, and graphite from batteries and reintroduces materials into the supply chain. tozero serves emobility firms, electronic waste recyclers, battery



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manufacturers, and second-life battery firms.

About. Media and Press releases. tozero is a Munich-based startup co-founded by Sarah Fleischer and Dr. Ksenija Milicevic Neumann. The company's target is to establish Europe's leading lithium-ion battery recycling plant, focused on recovering critical materials such as lithium and graphite in a sustainable way. ...

tozero GmbH is on the mission to challenge the status quo of lithium-ion battery recycling technologies and accelerate the decarbonization efforts. ... Total Funding. Between EUR2.5 million-5 million. Founded. 2022. Website. <https://> Articles about tozero: November 15, 2024 Weekly funding round-up! All of the European ...

Tozero stands out in a "blue ocean market" that is ready for innovation because to its efficient and lean technologies . Tozero, a visionary Munich-based firm, has brought up \$11.7 million in seed capital to expand its creative battery recycling solutions as the demand for lithium rises internationally. With this substantial investment, Tozero will be able to ...

TECHNOLOGY SOLUTION. tozero developed its proprietary process based on "Hydrometallurgy" to recycle lithium-ion batteries for the EV Industry and recover critical materials like lithium, nickel, cobalt, and graphite. This will allow us to take old batteries and reintroduce fresh raw materials locally back into the supply chain. Therefore, end ...

[TL;DR] tozero is the first and only battery recycler in Europe successfully supplying customers with its recycled lithium, utilized in end products sold worldwide; tozero's proprietary recycling tech focuses on the true bottleneck, recovering critical raw materials from lithium-ion battery waste and reintegrating the recycled materials back into global supply chains

tozero, a Munich-based battery recycling startup, has raised EUR11 million in an oversubscribed seed funding round led by NordicNinja, with new investors including In-Q-Tel, Honda, and JGC Group.Existing investors Atlantic Labs, Verve Ventures, and Possible Ventures also participated in the round. Founded in 2022 by Sarah Fleischer and Dr. Ksenija Milicevic ...



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Web: <https://mzanzipestcontrol.co.za>

