

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.

What can tozero do with battery recycling?

Once Tozero's process hits industrial pace and functionality, the startup says there will be no hard limits 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.

How much money has tozero raised?

The startup's EUR3.5 million pre-seed round, closed around two years ago, was led by Berlin-based Atlantic Labs. To date, Tozero has raised EUR17 million, which includes a EUR2.5 million grant from the EU's R&D support arm, the European Innovation Council.

Does tozero reclaim graphite?

Tozero also reclaims graphite from the black mass waste streams. The startup says its focus on these two critical raw materials is a "key differentiation" versus other battery recycling players. The focus on lithium is also why the startup has customers beating a path to its door.

Can tozero reclaim other raw materials?

Tozero believes it can expand its approach to reclaim other raw materials that could be used as "energy sources," though it wouldn't specify which materials it may add later. The overarching mission is to get to zero waste of critical raw materials.

The Russian invasion of Ukraine 1 Russia's invasion of Ukraine in February 2022 is having deep human, social, and economic impact across countries and sectors. The implications of the invasion are rapidly evolving ...

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 ...

We are happy to announce that JGC Holding Corporation (Masayuki Sato CEO) and JGC Japan (Yasuharu

Yamaguchi CEO) jointly invested in tozero through Mirai Corporate Venture Capital (CVC) fund. tozero (headquartered in Munich, Germany) is a startup company enabling efficient recycling of critical materials from various types of lithium ion ...

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 ...

tozero was founded in July 2022 in Munich, Germany, by Sarah Fleischer and Dr. Ksenija Milicevic Neumann. They are on a mission to build a scalable lithium-ion battery recycling machine to recover the critical materials inside, like lithium, nickel, cobalt, and graphite in a sustainable way.

Russia's existing policies indicate no real commitment to curb emissions. The CAT estimates that Russia can easily reach its updated NDC target from November 2020 with adopted policies and should therefore submit a stronger ...

[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

Laut „tozero“ verursachen Materialien aus der Lieferkette bis zu 70 Prozent weniger CO₂-Emissionen. Eigenen Angaben zufolge plant das Münchener Unternehmen, bis 2026 hunderte Tonnen recycelten Lithiums zu produzieren, um den Abfall von Lithium-Ionen-Batterien zu minimieren.

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 ...

The number of countries announcing pledges to achieve net zero emissions over the coming decades continues to grow. But the pledges by governments to date - even if fully achieved - fall well short of what is required to bring global energy-related carbon dioxide emissions to net zero by 2050 and give the world an even chance of limiting the global ...

Last Update: 22.03.2024 . MUNICH - In a forward-looking move to promote sustainable technologies, Bremerhaven-based Reckelberg Environmental Technologies (RET) and Munich-based startup tozero announced their strategic partnership. Representatives of the companies officially sealed the cooperation by signing a Letter of Intent (LoI) on Monday, March 18, 2024, ...

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 ...

policy documents of the Russian Federation. The involvement of Russia's civil society, private sector, non-governmental organizations, volunteers, and academic community remains essential for the achievement of SDGs. In recent years, Russia has demonstrated positive results in each SDG, most successful of

????????CVC????????(LIB)????????tozero????tozero????
????????LIB???????? ...

As the world turns to renewable energy to revolutionize the energy sector, tozero stands at the forefront, recognizing that recycling is a keystone in the face of resource scarcity. In a future electrified by mobility solutions and home solar ...

The ongoing energy transition also faces unanticipated shocks such as Russia's invasion of Ukraine, which sent energy prices soaring in Europe, and the COVID-19 pandemic, which initially slashed ...

Web: <https://solar-system.co.za>

