

Who is Ecobat?

Ecobat is a world leader in the production of lead, and lead alloys through the recycling of lead batteries. Our lead recycling processes allow us to recover and repurpose over 99% of the metal contained in batteries. With operations throughout Europe and the United States, we have established ourselves as a global sustainability leader.

In our role as the leading contributor to the closed-loop supply chain through the recycling and production of lead used in energy storage solutions, the collection of end-of-life batteries, and the distribution of new batteries. We apply the same mindset and approach to lithium batteries, as we continue to develop and support this evolving technology with the goal of reaching the same closed-loop recycling rates of lead.

Why is Ecobat opening a new facility in Casa Grande?

Driven by our vision to be a sustainable supplier of innovation-based solutions that create value for our stakeholders, we consistently reflect on opportunities to improve our strategy and operations through innovation and product development. Ecobat is building its third lithium-ion battery recycling facility, the first of its kind in North America.

Ensuring that battery materials are efficiently recycled and introduced back into the production value chain, Ecobat's new Casa Grande facility intends to address the increased demand for the recycling of lithium-ion batteries due to increasing electrification efforts and the volume of used batteries.

The new facility in Casa Grande, Arizona will initially process approximately 10,000 tons of scrap lithium-ion batteries per year, with plans to expand the facility in due course.

Details on the new facility in Casa Grande?

The new facility will be located approximately one mile away from its existing Ecobat Resources on a 10-acre stand at 1474 N Vip Blvd.

Construction of the new facility has commenced on the xxxx and process equipment is set to be commissioned during the late third quarter of 2023. It is envisioned that the process will be fully operational and commercialized during the fourth quarter of 2023.

How will Ecobat ensure no negative impacts to the community?

At Ecobat, we believe that strong health, safety, environmental, and sustainability performance is at the core of what we do and how we operate. We strive to provide recycling solutions in a safe, responsible, socially, and environmentally conscious manner through commitment, support, and accountability from all members of the organization and through proactive engagement and collaboration with the community and the administrators of Casa Grande, and the greater Arizona. Through our existing operations, Ecobat has demonstrated that by applying strict management controls it is able to operate with minimal impact on the environment and neighboring communities.

How does Ecobat ensure its operations are safe and sustainable?

With over 100 years of experience in battery recycling, we have we pride ourselves in providing a safe, health-focus work environment where all persons are treated with dignity and respect. We focus on providing sustainable, low-carbon recycling solutions and are committed to upholding the health and safe environment, for our employees and the communities in which we operate.

In addition to the above, Ecobat has obtained certification in terms of the International Organization for Standardization (ISO) systems for environmental, safety and health, quality, and energy management which systems will expand to our facility in Casa Grande.

What does Ecobat contribute to the region?

Ecobat's closed-loop supply chain enhances sustainability whilst addressing the global energy demand. The manner in which this process benefits the community includes, amongst others, the following:

- Recycling of materials reduces disposal to landfills and the long-term impacts of landfills on the broader environment.
- Closed-loop recycling promotes sustainability and the life of non-renewable resources by minimizing the need to extract more resources from the earth and ensuring continued supply.
- Through the application of sound environmental management practices, we assure the integrity of the product and preserve the continuity of a stable supply chain even in uncertain times.
- The new facility will create job opportunities with industry-leading wages and benefits to its employees that will support their families and the economic viability of the communities in which they live.
- The new facility will also stimulate economic growth in the region through contributions to local taxes, fees, purchasing, and charitable donations.

How many jobs will the Casa Grande facility create?

The new facility will initially create 25 job opportunities that will marginally ramp up to 80 employees.

What exactly will be happening at this new facility?

The new facility will repurpose lithium-ion batteries reaching end-of-life. The facility will initially process approximately 10,000 tons of scrap lithium-ion batteries per annum, with plans to expand capacity and input. The applied technology allows for the collection of a wide variety of lithium-ion batteries of different sizes and formats, providing original equipment manufacturers and aftermarket service providers with a sustainable and effective manner for recovering and recycling materials from used batteries.

How will Ecobat source the batteries it plans to recycle?

Ecobat will source end-of-life EV batteries, including used consumer batteries, industrial batteries, and factory scrap from multiple channels and outputs across North America.

What is the supply/demand outlook for end-of-use batteries needed to power the recycling facility?

At present the new facility, once commissioned, will utilize a single-shift operation with the expectation to expand into additional shifts as the market grows. Ecobat projects that there will be a need for additional capacity in the near future as the demand for battery materials ramps up in North America.

What are the associated waste streams?

Waste streams will continue to be optimized throughout the life of the operation, however, the type of wastes produced will mainly depend on the batteries received. It is anticipated that the used/mixed electrolytes and some plastic streams will be specific waste streams generated.

How many lithium-ion recycling sites does Ecobat operate?

Ecobat currently operates three lithium-ion recycling facilities, one in Germany, the UK, and now Arizona, and is planning on further expansions in Europe.