

Pure Battery Technologies (PBT) secures €23 million TCTF grant to expand Hagen pCAM production to 15,000 tonnes

BMWE and North Rhine-Westphalia back scale-up of PBT's environmentally friendly processing technology to support Europe's green transition and a safer battery materials supply chain.

23 January 2026 | Brisbane, Australia and Hagen, Germany — Pure Battery Technologies (PBT) today announced it has been awarded a €23 million grant under the EU Temporary Crisis and Transition Framework (TCTF), supported by the German Federal Ministry for Economic Affairs and Energy (BMWE) and the Government of North Rhine-Westphalia, to accelerate deployment of new technologies that advance the green transition.

The grant will support the expansion of PBT's Hagen project, upgrading the historic Konigswarter & Ebell (K+E) site with PBT's environmentally friendly processing technology to deliver a final expanded capacity of up to 15,000 tonnes per annum of precursor Cathode Active Material (pCAM).

PBT estimates its technology can reduce CO₂ emissions associated with raw intermediate material processing by up to 80%, supporting materially lower-emissions battery supply chains for electric vehicles and energy storage.

Key Project Facts:

- TCTF Grant: €23 million (conditional to final investment closing), supported by BMWE and the state of North Rhine-Westphalia
- Project: Hagen (K+E) expansion using PBT environmentally friendly processing technology
- Capacity: Final expanded capacity of up to 15,000 tpa pCAM
- CO₂ impact: Up to 80% reduction in CO₂ emissions for raw intermediate processing
- Total investment: ~€90 million
- Remaining funding: Targeted to be finalised by the end of March 2026
- Construction: Ground-breaking targeted for April 2026, subject to final financing and customary conditions
- Job Creation: 55 ongoing operational roles
- Start of production: Early 2028

Mr Bjorn Zikarsky, CEO of Pure Battery Technologies, said:

"This €23 million TCTF grant is a strong endorsement of technology-led decarbonisation in Europe's industrial base. It supports PBT to scale a lower-emissions pathway for pCAM production in Germany, strengthening European capability at a time when secure and sustainable supply chains matter more than

ever. Our reach across Australia, Europe and Indonesia is reinforcing a safer, diversified supply chain that can serve customers across multiple jurisdictions.”

Mr Thomas Fahrner, European Managing Director of Pure Battery Technologies, said:

“Hagen is a pivotal project for PBT in Europe. With remaining funding targeted for completion by the end of March, we are focused on moving into delivery and breaking ground in April. We are in ongoing discussions with leading European cathode manufacturers, and our location in central Europe places us close to key CAM producers and downstream customers, helping shorten supply lines, reduce logistics complexity, and support more resilient delivery at scale.”

The Hagen expansion is intended to contribute to:

- Lower-emissions battery materials through advanced processing and improved resource efficiency
- Greater supply-chain resilience by increasing regional processing capability in Europe
- Local investment and jobs in North Rhine-Westphalia driven by the green transition.

About Pure Battery Technologies

Pure Battery Technologies (PBT) is refining the future with clever chemistry and smarter thinking. Founded in 2017, PBT is headquartered in Brisbane, Australia, and has a commercial processing plant in Hagen, Germany. PBT’s patented hydrometallurgical technology — developed in conjunction with the University of Queensland (UQ) — refines raw intermediate MHP and recycled Black Mass into high-quality pCAM materials, with up to 80% lower CO₂ emissions and significant cost savings compared to conventional refining.

PBT’s closed-loop approach and cleaner processing demonstrate true stewardship in sustainability, delivering better outcomes for the supply chain and the communities in which we operate.

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