



Collie Just Transition News

Keeping you informed about Collie's future
Issue 8, April 2024

SPECIAL EDITION: INDUSTRY FOCUS

Magnium pilot plant makes its mark

After unveiling plans less than 12 months ago to establish a Collie pilot plant, Magnium Australia have made their mark in the Light Industrial Area having recently purchased an existing warehouse for the new facility.

This exciting milestone brings Magnium a step closer to opening the pilot plant in the coming months. The facility will have the capacity to produce up to 800 tonnes of high purity magnesium metal. Expected to commence operations in late 2024 and create 18 ongoing jobs, the pilot plant will enable commercial-scale testing of the CSIRO-developed technology, offering workers in Collie a rare opportunity to gain exposure to next-generation technologies and skills in the green manufacturing sector.

Announced in early 2023 as the first project supported by the WA Government's Collie Industrial Transition Fund, Magnium received \$5 million towards establishing the pilot plant in Collie.

Magnium's detailed feasibility study is currently underway, supported by a further \$2 million from the Collie Industry Attraction and Development Fund, the pilot plant is considered a stepping stone to Magnium Australia establishing a full-scale net-zero magnesium refinery right here in Collie. Eventually, this full-scale refinery could see production of up to 100,000 tonnes per annum and create more than 200 jobs by 2030.



- Pilot Plant set to be established mid-2024
- 18 new-technology jobs for pilot plant
- Feasibility for commercial-scale facility set to be completed late 2024
- More than 200 jobs at full-scale by 2030 (subject to feasibility)



Graphite micronising plant ready for international markets

International Graphite (IG) is continuing its journey in Collie's transitioning economy, following the installation and commissioning of a new qualification-scale graphite micronising plant in Collie.

Based in the LIA, the plant will produce graphite products that can be tested by prospective customers, with a capacity to produce up to 200 tonnes per annum. The plant, which engaged 30 local suppliers and contractors during construction, will be the first to produce graphite products in Australia for customer acceptance testing. This is considered a stepping stone to a 4,000 tonnes per annum commercial micronising facility, which IG is looking to commence operations in Collie within 18-24 months.

Should this progress, more than 20 full time jobs are estimated to be created, bringing IG another step closer to securing Collie a pipeline of new jobs, leading the way in Australia's green manufacturing sector.

The micronising process is crucial for producing anode material used in lithium-ion batteries, which are essential for electric vehicles and green energy storage solutions. IG's goal is to be producing advanced battery anode materials at Collie from its 100% owned Springdale Graphite Project near Hopetoun in WA.

The plant was supported by \$2 million from the WA Government's Collie Futures Industry Development Fund. IG received a further \$4.7 million in Federal funding as part of the Critical Minerals Development Program to support its mine to market graphite supply chain plans in WA.

- Collie Micronising Qualification Plant commissioned February 2024
- 30 local suppliers and contractors engaged
- Planning for commercial-scale micronising facility in Collie - IG aims to have established by 2026
- IG planning underway for large-scale Battery Anode Material facility in Collie, expected to create 80 jobs at total capacity.

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Plans push ahead for Collie Green Steel mill

Plans to bring a Green Steel Recycling Mill to Collie continue to power ahead, with Green Steel of WA pushing on with their bankable feasibility study.

Dedicated to having the project call Collie home, Green Steel of WA are working to establish a sustainably operated steel mill that processes 500,000 tonnes of local scrap steel to produce green steel reinforcing bars (rebar) and wire rod. These bars are proposed to be utilised for local consumption as well as exportation to global markets.

The bankable feasibility study, supported by a \$2.7 million investment from the WA Government via the Collie Industry Attraction and Development Fund, is expected to be completed in late 2024 followed by a final investment decision.

Should the outcome of the study be positive and the project commences, it could create more than 600 jobs in construction and around 200 long-term local jobs, marking a significant leap forward in the town's transition.

- Supported by \$2.7m through Collie's State Government funding
- Bankable feasibility study estimated for completion in late 2024
- GSWA aiming for full-scale facility in Collie by 2026
- Up to 200 jobs at full-scale by 2026

How is Collie attracting new industries?

Efforts to attract new job-creating industry to Collie continue to power ahead with the WA Government's \$200 million Collie Industrial Transition Fund remaining open for business. Designed to help drive the diversification of Collie's economy, the Fund puts Collie on the map for future industries in priority sectors including green manufacturing or minerals processing, energy intensive industries, and future clean energy industries. The Fund is designed to attract new industry that can demonstrate a clear economic advantage for Collie while leveraging its existing skilled workforce, helping secure long-term jobs for local workers in sustainable industries. The WA Government is continuing to work toward delivering the right jobs, at the right time to cement Collie's future as one of the most sustainable industrial hubs in WA.

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Milestone moment for Quantum Filtration Medium

Two cranes were in town while Quantum Filtration Medium marked a major milestone at their new production facility in February 2024. Representatives on the ground coordinated the careful manoeuvring of the roof before securing it into place, marking an exciting turning point for the project's progress.

Expected to be commissioned mid-year 2024, Quantum will soon ramp up production of its DMI65® water filtration media, designed to remove heavy metals from industrial water, catering for a growing global demand. With 35 local contractors engaged during the construction process, Quantum is expected to commence recruitment on its ongoing positions shortly this year. An additional 8 operational roles are expected to be created, on top of existing positions.

Last year, the WA Government committed \$2 million in funding to help build the plant, and support Quantum's participation in Collie's transition.



Left to right: Quantum Superintendent Chris Botica, General Manager James Glaskin, and Managing Director Clive Hawkes

MEET THE NEW INDUSTRIES

Don't miss your chance to discover more about these new industries and more, at the 2024 Collie Industry Transition Expo.

Join them on Saturday, April 20 from 10:30am to 1pm at Central Park in Collie to learn more about the transition, and chat to each of these industries about the region's evolving future of new projects and long-term jobs.

Enjoy live entertainment, family activities, food trucks and more, while you delve into the exciting developments in your community and explore the possible opportunities Collie's future could have for you. From jobs to future projects, this is the time to discover how Collie is becoming one of WA's most sustainable industrial hubs and where it can benefit you.

