

Renascor BAM Facility – Impact Assessed Development

Quick facts

What

- A development application has been lodged by Renascor Resources to construct a Battery Anode Material (BAM) manufacturing facility at Bolivar.
- The industrial facility will produce Purified Spherical Graphite (PSG) – a key material in the manufacture of lithium-ion batteries used in electric vehicles.

Who

- Renascor Resources is a South Australian based, private ASX-listed mineral development company. Learn more about Renascor here: [Renascor | Graphite and industrial materials](#)

Where

- The development is located on land owned by SA Water, adjacent the Bolivar Wastewater Treatment Plant. Access to the site is from Robinson Road.

Why

- The BAM facility will process raw material extracted from Renascor's Siviour Graphite Mine, located on the Eyre Peninsula.
- The Siviour deposit is the second largest proven reserve of graphite in the world.
- Renascor aims to become a global leader in the supply of sustainable, 100% Australian-made battery anode material, for use in electric vehicles.
- Electric vehicle up-take is creating unprecedented global demand for lithium-ion batteries.

When

- The development assessment process is in the early stages.
- The assessment process may take 12-18 months, subject to process requirements being met.

The development assessment process

The Impact Assessed Pathway

- The Impact Assessed pathway is the most rigorous level of development assessment in South Australia.

- It is reserved for major projects of economic, social or environmental importance to the State.
- A detailed guide is available here: [Impact assessed development | PlanSA](#)
- A key component of the Impact Assessed process is the preparation of an Environmental Impact Statement (EIS) by the Applicant.
- The EIS will address the expected environmental, social and economic effects of the proposed development.
- The Minister for Planning is the final decision maker for an impact assessed development, with input from the independent State Planning Commission (SPC).

Status – Renascor

17 November 2022	Minister for Planning declared the proposal an Impact Assessed Development.
7 March 2023	Renascor lodged a scoping application for the project.
30 March 2023	The State Planning Commission considered a set of Assessment Requirements, which will guide the preparation of the EIS.
Current	The Assessment Requirements have been endorsed by the Commission and publicly released for information here: Bolivar - Renascor Battery Anode Material Manufacturing Facility PlanSA
Next Steps	Renascor will now prepare an EIS.

When can I have my say?

- The opportunity for public comment is when the EIS is released for consultation, anticipated later in 2023.
- Keep an eye on the PlanSA project page:
[Bolivar - Renascor Battery Anode Material Manufacturing Facility | PlanSA](#)

The project

The BAM facility will comprise the following key components:

- Industrial buildings / plant.
- Storage silos.
- Heavy vehicle unloading / loading facilities.
- Packaging facility.
- Water demineralisation plant.
- Wastewater treatment plant.

The facility will adopt a purification process that avoids the use of hydrofluoric acid, offering a cleaner alternative to prevailing processes historically used around the world.

Utility requirements for the development include power, natural gas, water, sewerage and transportation networks. The PSG produced at the plant will be transported to Port Adelaide and exported to international customers.

The facility will produce a range of by-products, and liquid and solid wastes. The various waste streams may be re-used, recycled and/or disposed of. Wastewater will be treated on site and then discharged to SA Water's Wastewater Treatment Plant (WWTP) outfall channel.

The capital investment in excess of \$100 million is expected to positively benefit the local community and State economy, with the proposed creation of highly skilled, high-tech engineering and manufacturing industry jobs. The project is expected to generate approx. 100FTE construction jobs, growing to approx. 200FTE at peak. Job generation during operation is expected to commence at approximately 100 staff, growing up to 200FTE for the life of the project. Flow-on benefits are also expected for various supporting sectors.

Matters to be considered in the assessment

The Assessment Requirements endorsed by the SPC were prepared in consultation with relevant State Agencies, the City of Salisbury and Renascor.

The SPC have identified the following key issues which must be assessed in the EIS:

- Economic and social impacts including local industry and business procurement, workforce management, health and community wellbeing.
- Proximity to existing food production, horticultural and agricultural activities, commercial operations, and the St Kilda township.
- Air quality, noise emissions and visual impact.
- Flora and fauna impacts in particular to the marine environment from the discharge of wastewater via the Bolivar WWTP outfall channel.
- Traffic management.
- Cultural heritage.
- Impacts during construction.

The EIS must also include a public consultation program, outlined within a Community Engagement Plan. This plan will include consultation to be undertaken by Renascor, and by the State Government as part of the assessment process.

Contact:

For further information contact the Environmental Impact Assessment Team by emailing dti.crownimpactassessment@sa.gov.au