

KEY DEVELOPMENTS

In February 2024, Greater Whitsunday Alliance and the Queensland Government released the Greater Whitsunday Biomanufacturing Blueprint 1.0. In April 2024 a Blueprint update was produced to articulate the latest developments.

Since April 2024, the following developments have occurred:

- Launch of an online biomanufacturing exploration tool, **Greater Whitsunday BioVision**.
- Opening of **QUT Pioneer BioPilot** following \$18 million upgrade to the biocommodities pilot plant.
- Commencement of **Queensland BioSkills** project, focused on establishing a pilot training framework to foster a skilled biomanufacturing workforce.
- Announcement of Queensland as the host for **AusBioInvest** and **AusBiotech International Conference** in 2026 and 2027.
- Detailed **infrastructure planning** for **Mackay State Development Area (SDA)** to catalyse development.

BioVision opens the door to Greater Whitsunday's biomanufacturing future

On 29 October 2025, **Greater Whitsunday BioVision officially launched**. BioVision was developed by Greater Whitsunday Alliance (GW3) in partnership with Queensland University of Technology (QUT). BioVision is a pioneering digital platform that showcases the region's strengths in feedstock, infrastructure, workforce, and innovation.

Designed as an investment 'front door', it enables global proponents to virtually explore the Greater Whitsunday region and its biomanufacturing potential. Using geospatial technology, BioVision tells the story of a region ready to lead – with the resources, talent, and vision to become a globally significant biomanufacturing hub. It supports informed decision-making for investors, government, and industry by highlighting strategic opportunities and regional capabilities in a dynamic, interactive format.

Explore BioVision here:
greaterwhitsundaybiovision.au



BioVision is proudly supported by the Queensland Government.

ADDITIONAL HIGHLIGHTS

In addition to the major milestones already outlined, a number of other important developments are continuing to build momentum and reinforce the region's growing reputation as a hub for biomanufacturing innovation and opportunity.



Queensland BioSkills laying the foundations for a skilled biomanufacturing future

Led by Greater Whitsunday Alliance, the Queensland BioSkills project has commenced to support the development of a skilled biomanufacturing workforce across regional Queensland. Focused on creating a pilot training framework, the initiative aims to build local capability and ensure the region is equipped to meet the growing demands of the biomanufacturing sector. It represents a critical step in aligning workforce development with industry needs and future growth opportunities.

\$18 million refurbishment complete with opening of QUT Pioneer BioPilot

QUT's 15-year presence in Mackay reached a new milestone with the opening of the refurbished Pioneer BioPilot – a state-of-the-art biocommodities pilot plant. Backed by \$18 million in government and industry investment, the facility positions Mackay as Australia's leading regional hub for precision fermentation. It strengthens local innovation and supports the development of high-value, sustainable biomanufacturing solutions.



For further information:

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