Industry Biotechnology Centre

Creating an Environment for Biotechnology

Infrastructure, capability and connections for an evolving industry

In Partnership With

Australian Government

BUILDING AUSTRALIA

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In conjunction with:

Council of Mayors South East Queensland

What is the Industry Biotechnology Centre?

Creating shared infrastructure for biotechnology development and commercialisation

The Industry Biotechnology Centre is a **purpose-designed facility** being developed in Toowoomba QLD, bringing flexible laboratories, pilot-scale capability and industry-connected infrastructure into one operating environment.

- **Publicly supported, privately delivered infrastructure**
- Flexible laboratory and commercial spaces
- Shared capability supporting industry collaboration and growth



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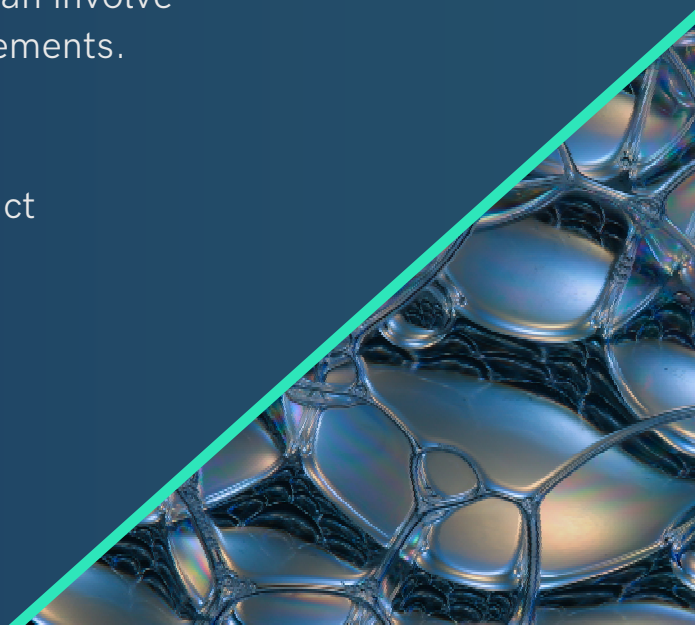
Biotechnology development creates new operating requirements

Biological inputs provide one example relevant to the fertiliser and plant nutrition sector.

Biological inputs are being developed alongside established fertiliser and crop-input systems. Moving biotechnology products toward commercial use can involve different development, production, handling and validation requirements.

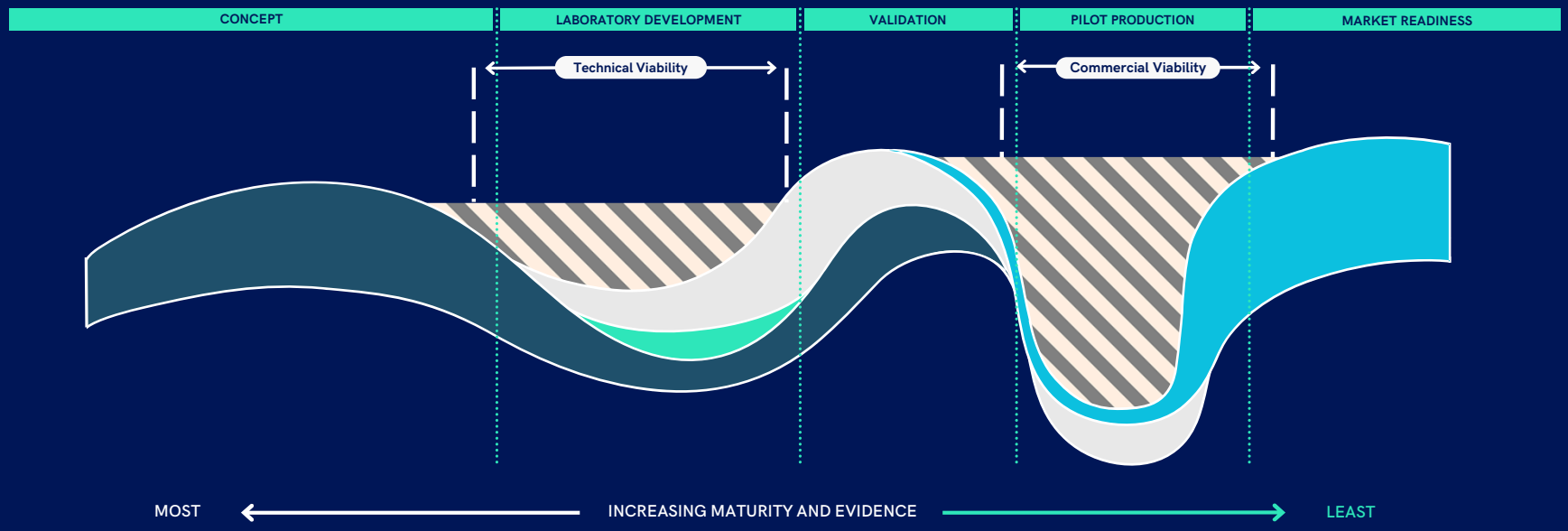
Organisations need practical pathways connecting research, product development, scale-up and industry application.

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A biotechnology product needs more than laboratory discovery

Progress depends on the operating environment around it



- Fit-for-purpose facilities and infrastructure
- Repeatable, controlled development processes
- Access to equipment and technical capability
- Connections across research, manufacturing, customers and industry

What does a suitable environment actually require?

Biotechnology facilities must support both science and commercial activity

1. **Flexibility**
   Different organisms, processes, products and business models.

2. **Separation and control**
   Appropriate workflows, containment, handling and storage.

3. **Shared capability**
   Access to equipment and support spaces that are difficult to justify independently.

4. **Scalability**
   Space to progress beyond bench-scale development.

5. **Industry connection**
   A setting for customers, specialists, researchers and partners to work together.



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A purpose-designed biotechnology operating environment

The Industry Biotechnology Centre (IBC) is being developed within the AATLIS Precinct in Toowoomba. Its design has been informed by the practical requirements of biotechnology development and commercialisation, including:

- Flexible laboratory and project spaces
- Office and collaboration spaces
- Shared technical infrastructure
- Pilot-scale capability and provision for future expansion



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Different organisations, different pathways

The IBC is intended to support a range of development, evaluation, validation and collaboration activities.

Technology developers | Development, validation and scale-up

Agribusinesses | Evaluation, demonstration and collaboration

Research organisations | Translation and industry projects

Industry partners | Technical capability and shared infrastructure



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Designed to support different organisations at different stages of development.

Designed around complementary spaces

More than a collection of laboratories



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Why location and industry connection matter

Infrastructure works best when it is connected to industry

- Located within the AATLIS Precinct in Toowoomba
- Positioned within a major agricultural production region
- Connected to agricultural, industrial and logistics activity
- Accessible via regional road and air freight infrastructure
- Designed to support collaboration between industry, researchers and technology developers



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The wider benefit



Good environments improve the conditions for responsible growth

- more accessible specialist infrastructure
- more structured and repeatable development
- stronger collaboration across the value chain
- a pathway to grow capability without duplicating every asset

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Questions

Welcome

Thank you for your time and consideration.



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Site context and integration



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