

How we work

The Biotechnologies Group partners with industry to transform bio-based resources into high-value products. We're your technical R&D partner, assembling bespoke teams that help you research, scale and manufacture your innovation efficiently, providing the support you need, when you need it.

Stage 1

Bench-Scale Research

Our **scientists and engineers** will test processes and innovate alongside you to **overcome technical challenges** and make your idea happen.

Even at this stage, we'll be thinking backwards from manufacturing to lab, making sure your **unique product** can scale up commercially.

This is where your **IP** is generated and **new knowledge** is created.

Time-based fee structure.

Stage 2

Scale-Up Trial

Bringing together our applied science and engineering scale-up expertise, we will help **get your innovation market-ready**.

This stage is where we scale up processes to make your product ready for demonstrations and the market. We will find ways to scale volumes, speed of scaling, and understand outputs.

Time-based fee structure.

Stage 3

Manufacturing

We operate manufacturing at **pilot to semi-commercial** scale, providing access to facilities so production can scale up with fewer overheads and less risk.

Our **skilled scientists and engineers** will work with the **repeatable, quality-controlled process** developed at stage 2 to manufacture your unique high-value product, driving value to your business.

Output-based fee structure.



"We reached out to the Biotechnologies Group to help solve our supply chain, and they were really, really helpful in getting us to commercial scale. We couldn't find other partners who could do that."

John Hale
Chief Technology Officer, Blis

Get in touch: biotechnologiesgroup@callaghaninnovation.govt.nz