



Asterion

New medicinal cannabis processing facility

Australian medicinal cannabis company ANTG has merged with Canadian Asterion Cannabis Inc. and its subsidiary, Asterion (Australia), to develop one of the world's largest renewable-powered facilities for growing, manufacturing, and researching medicinal cannabis. ANTG produces four strains of medicinal cannabis flower and will soon launch oil products, partnering with organisations like CSIRO and universities to explore cannabis's potential in combating cancer, dementia, and inflammation. Asterion focuses on advancing cannabis agriculture, delivering high-quality, low-cost, genetically uniform cannabis strains and cannabinoid products for global markets.

-  Toowoomba, Queensland
-  Principal design and engineering partner in early Discover stage

Project scope

Wiley collaborated closely with Asterion during the project's early planning phase, addressing a challenging scope that included:

- Investigating site requirements and identifying suitable locations
- Partnering with Pharmout and Wagner Corporation to develop facility masterplans and assist with submissions for federal licensing and major project status
- Collaborating with Asterion's Dutch glasshouse supplier Van der Hoeven on facility design
- Creating staging plans for project phases and selecting equipment for lighting, facility control, and airflow
- Applying expertise in hygiene and pathogen control, essential for processing requirements
- Planning nursery operations, including plant movements, growing rooms, table movements, schwazzing (defoliation), harvesting, processing, waste management and disposal
- Assessing water and energy needs for the operation
- Documenting processes leading to Development Approval (DA) from Toowoomba Regional Council
- Developing the overall project budget

Business value to client

Asterion's collaboration with Wiley during the development of a 75-hectare facility will enable the production of over 500,000 kg of medicinal cannabis annually.

This project is poised to create up to 1,000 jobs in the region, drawing on a workforce skilled in agriculture and horticulture.

By leveraging this initiative, Australia can maximise its potential in the medicinal cannabis sector, enhancing both domestic accessibility and export opportunities.

The large-scale production will significantly improve the availability of medicinal cannabis for Australians, meeting growing demand and fostering industry growth.

Partners and consultants

Pharmout and Wagner Corporation | Van der Hoeven



Complex services



Special environment



High collaboration



Advisory Services

