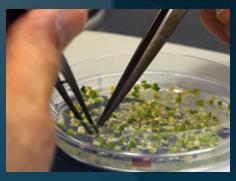
PLANT SYNBIO AUSTRALIA

TRANSFORMING AGRICULTURE AND BIOMANUFACTURING THROUGH PLANT SYNTHETIC BIOLOGY



Stewardship

at Plant SynBio Australia

Plant SynBio Australia operates under a strong stewardship framework to ensure plant materials and data are handled responsibly and in compliance with Australian regulations. Stewardship is integrated throughout the entire research lifecycle, focusing on safety, ethics, traceability, accountability and audit readiness.

plantsynbio.au

Plant SynBio Australia is funded through Bioplatforms Australia under the National Collaborative Research Infrastructure Strategy (NCRIS) and institutional partners

NCRIS National Research Infrastructure for Australia An Australian Government Initiative

BIOPLATFORMS AUSTRALIA

Australian National University

Stewardship

Plant SynBio Australia (Plant SynBio) operates under a robust stewardship framework that ensures regulated plant materials and associated data are managed responsibly and in full compliance with Australian regulatory requirements.

Stewardship is embedded across the entire synthetic biology research project lifecycle, providing confidence that all work is conducted safely, ethically and to the highest regulatory standards.

Our stewardship approach emphasises traceability, accountability and audit readiness. We maintain clear material identification, lineage tracking and documentation to support regulatory compliance. Plant SynBio will also help ensure our clients meet the relevant regulatory requirements.

By integrating stewardship into all of our workflows, Plant SynBio nodes ensure that innovation in plant synthetic biology is supported by strong governance. This protects researchers, our clients, the broader community and the environment while enabling high-quality research outcomes that advance the productivity and sustainability of agriculture, biomanufacturing and bio-pharmaceuticals – both now and for the future.

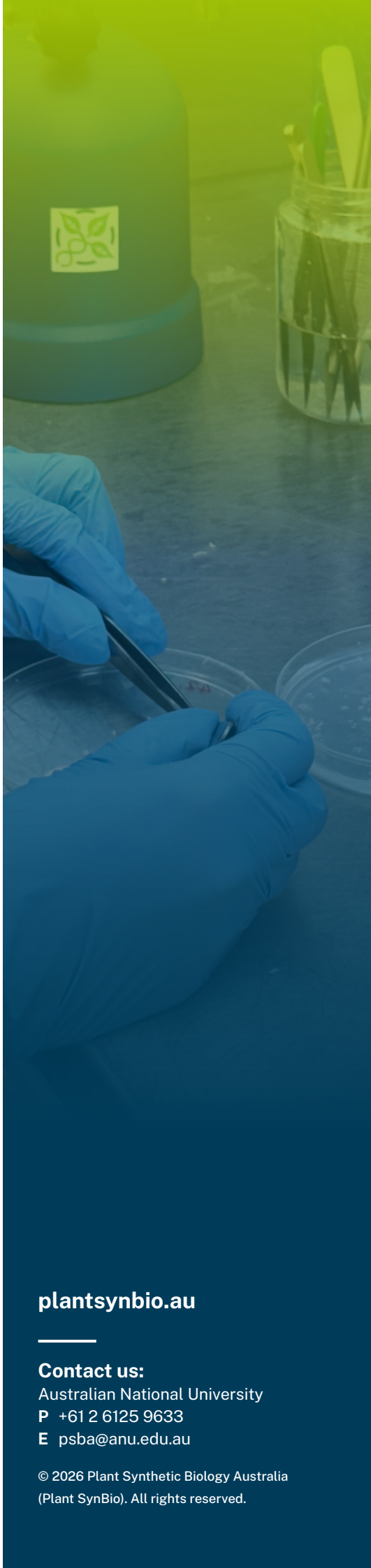
Research connections

Plant SynBio is part of Bioplatforms Australia, a national infrastructure network providing research facilities and expertise to support life science research tackling national challenges in health, agriculture, food and biodiversity. This allows us to support an integrated approach to research projects spanning genomics, proteomics, metabolomics and bioinformatics projects.

As part of Australia's National Collaborative Research Infrastructure Strategy (NCRIS) we are connected with over $4 billion worth of state-of-the-art infrastructure, data and expertise to help address complex research challenges.

Capabilities:

- **Dedicated Stewardship Officer** to provide leadership, oversight and ongoing improvement of stewardship protocols and activities.
- **The team invests in training and development** to build a strong culture of stewardship across all nodes. All staff have completed Best Stewardship Practices Fundamentals 101.
- **All operations have sound traceability processes** to ensure client material is handled responsibly. Our processes ensure end to end tracking of materials across the entire lifecycle of the project, including defined stewardship checkpoints to verify material identity. We are ensuring ongoing investment in digital systems and automation to ensure data integrity.
- **The team conducts regular internal audits** and reviews to ensure continuous improvement of processes.
- **Plant SynBio is working towards formal accreditation** with the Plant Breeding Innovation Management Program.
- **Clients are briefed and supported in all stewardship and traceability processes** upon onboarding and throughout the life of their project. This ensures exceptional management of material in compliance with all relevant OGTR and other relevant guidelines.



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