

- 
- 📍 Queensland, Australia
 - 🕒 3 months: concept design + consultation
 - 🗑️ Dairy manure + spilled feed
 - ⚡ Energy recovered as electricity: 250 – 750kW (2,200 – 6,600 MWh/year)
Energy recovered as industrial heat: 300 – 1,000kW (2,600 – 6,600Mwh/ year)

Dairy Farm, Australia

Design Proposal + Feasibility Assessment.

Finn Biogas was engaged by a dairy farming client to develop a biogas solution for their impending expansion. With plans to accommodate 4,000 head of cattle and generate significant employment opportunities, the client sought a tailored solution integrating their dairy factory, barns, and wastewater lagoon.

Finn Biogas closely collaborated with the client to understand their needs and challenges. Developing a solution aligned with the Agribusiness's expansion goals and existing infrastructure, Finn Biogas ensured maximum resource utilisation.



- Options Assessment + Process Design
- Process Flow + Equipment Sizing
- General Arrangement + Layout
- CAPEX + OPEX + Economic Analysis

Leveraging expertise in biogas technology and process engineering, Finn Biogas designed a comprehensive solution to optimise biogas production while accommodating increased cattle population sustainably. They provided the client with a timely project plan and preliminary designs, surpassing expectations.

Finn Biogas's collaborative and expertise-driven approach facilitated the successful development of a tailored biogas solution for the Agribusiness expansion, enhancing operational efficiency and sustainability while contributing to local economic growth.