

Projects / Project Management

We designed a special
milks drier for Synlait
Milk.

Dunsandel / Canterbury



The Project

Canterbury's Synlait Milk upgraded its special milks drier at Dunsandel to further tap into the \$15 billion a year demand for infant formula in China.

The drier has enabled Synlait Milk to become one of only two manufacturers in the world to produce lactoferrin as a spray dried powder, and will also allow the company to manufacture dairy ingredients to a pharmaceutical standard.

Babbage had completed successful projects in the past for Synlait Milk and was engaged to build a third 10 tonne per hour whole milk powder drier, a new boiler and site process services.

With the new capability, Synlait Milk expects production to reach 18 metric tonnes within four years of commissioning Babbage to create the state-of-the-art facility.

Partnering & Innovation

Due to Babbage's unique history, experience and our track record with Synlait, Babbage's cost management and reporting process was readily adopted by financial institutions in lieu of their usual requirements for an independent project reviewer.

This led to ongoing and repeat business for Babbage and continues to set the benchmark for cost management of capital projects in the dairy industry.

Key details

Project

Project: Synlait Drier #3

Client: Synlait Milk

Location: Dunsandel, Canterbury

Cost: \$150,000,000

Planned Completion: August 2015

Project team

Project Manager: Mark Taylor

Process Engineering: Tony Stack-Forsyth, Richard Stretton

Architecture: Maria Ouzounova

Disciplines

Architecture

Process services

Project management