



Switch to sustainable energy

AUSTRALIAN FARM KIA ORA PIGGERY SUPPLIES FARM WITH DECENTRALIZED ENERGY



In cooperation with our partner Evo Energy Technologies, we are planning and implementing a biogas cogeneration system for the Kia Ora Piggery.

Electricity and heat from pig waste

By using biogas produced from pig waste, this system will help to reduce dependence on the electricity grid, cut emissions and improve energy self-sufficiency. The aim is to help the plant transition to a more sustainable and cost-effective energy solution. The project includes the design and delivery of an agenitor 404c, which will use biogas from pig waste to generate electricity and heat on site.

Reduction of energy costs

Once operational, the system is expected to significantly reduce energy costs, reduce carbon emissions and improve overall energy efficiency. The captured methane will be converted into usable energy, reducing the environmental impact of waste while improving the plant's energy self-sufficiency. By integrating advanced cogeneration technology, the Kia Ora Piggery will be able to optimize its operations while contributing to more sustainable agricultural practices.



Kia Ora Piggery

agenitor 404c

biogas

160 kW electrical

155 kW thermal

