

CASE STUDY MANUFACTURING & WAREHOUSING PROCESS SYSTEMS



A FAMILY-OWNED BUSINESS, OPERATING SINCE 1989, MANUFACTURING & DISTRIBUTING HIGH-QUALITY VALVES FOR PROCESS CONTROL SYSTEMS THROUGHOUT AUSTRALIA AND THE PACIFIC.

DRIVING CHANGE

Upon out-growing their first site, their new warehousing and manufacturing complex was purpose-built with sustainability in mind in the forefront of design.

With sustainability at the heart of change, Process Systems decided to implement a number of sustainability initiatives which have resulted in significantly reduced operating overheads, reduced reliance on energy and water grid infrastructure and has placed the site in a very good position to cope with the predicted increase in high temperature days in the Brisbane area.

Having perfected sustainable operations in their own business, they are now seeking to help others in their area, industry and community to become more resilient and successful.

SUSTAINABLE BY DESIGN

Process systems utilised their initial ecoBiz coaching report to guide planning on the development of a new, larger warehouse and has included the following value maximising actions:

- **North-south orientation** to maximise Solar PV use
- Reduced internal walls to maximise air-flow
- Light external paint colours to reflect sunlight
- **Solar tubes** to harness natural internal lighting
- External shades
- **100KL rainwater storage** with gravity fed line into building
- Packaging for products in **biodegradable or recyclable**
- All organic waste is **composted**
- Waste minimisation strategy in place

KEY ACHIEVEMENTS

Process Systems were awarded a 3-Star Partner, for best practice.

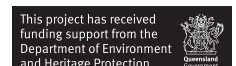
HIGHLIGHTS

- No grid **energy use**
- No grid **water use**
- Electric vehicle charge station
- Electric charge points for forklifts



THE ECOBIZ TEAM IS ALWAYS AVAILABLE TO HELP YOU.

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