



Evo Energy Technologies

Capability Statement

Evo Energy Technologies is an Australian company dedicated to saving its customers energy.

Our Mission is to reduce our Client's energy costs by providing superior technology for improved energy efficiency.

Our Vision is to be the first choice partner in the reduction of energy use to our Clients.

Evo Energy Technologies offers a full range of services from Supply Only to Full Turn Key Installations with on-going Maintenance and Support available from factory trained staff.

Evo Energy Technologies offers the Australian market the best possible solutions in the fields of cogeneration, heat pump and heat recovery technologies. Evo Energy Technologies and its sister company Evo Industries Australia have a wealth of experience in delivering successful projects for our clients including the Splash Environmental Award for the Fremantle Aquatic Centre redevelopment.

The Evo group is 100% Australian Owned, has been in business since 2006 and supplies equipment to Australia, New Zealand, Oceania, Thailand, Vietnam and India. Our technology offerings include:

2G Cogeneration Systems - Natural & Biogas
EvoHeat Heat Pump Systems
Heat Recovery Technologies
Specialised Heating and Cooling Applications
Power Factor Correction

**EVO - SPECIALIST
HYBRID COGEN/TRIGEN/
HEAT PUMP SYSTEMS
for the ultimate cost savings...**





Cogeneration, Heat Pump, Heat Recovery Specialists

We can Design, Supply, Install, Commission and Maintain

Our Staff have many years of experience in Swimming Pools and Aquatic Centres, Hot Water Systems, Cogeneration and Building Services. We can also assist with energy efficient heating and cooling systems.

KEY PERSONNEL

Travis McNeill - General Manager

Over 20 years management experience in medium size companies of 80-120 employees and provides technical support with specialised experience in equipment specification and installation. Travis has amassed considerable technical knowledge of cogeneration systems as well as heat pump and boiler technologies.

Tony Mills - National Business Manager

27 years of experience in the pool industry with specialised knowledge in the Hydrotherapy pool and spa areas. Provides support to EVO customer pool builders, distributor network and authorised warranty providers.

Henryk Sliwa – Chief Technical Officer

Henryk has nearly 40 years of experience in the engineering industry as well as high levels of Project Management skill. Henryk has held roles in Poland, Germany and Australia in Hot Water, Quality Engineering and Cogeneration technologies. Henryk Sliwa is one of the most experienced engineers in Australia in his area of expertise and oversees projects to ensure a successful result for the client. Henryk holds a degree in Engineering and is Member of AIRAH & ASHRAE.

Michael Crook – Business Development Manager

Michael is an experienced Business Development Manager with over 10 years of experience in Controls, Monitoring and BMS Services. He has worked for some of the leading brands in BMS/Controls on projects that have varied from Commercial High Rise to Hospitals and Educational Facilities to Heritage Projects.

Alex Pannekoek - Service Engineer

Alex started out a 10-year career with Deutz/MWM as a diesel fitter and witnessed the introduction of the first gas engines to be released from Deutz/MWM into the market. He was sent to Germany for factory training on natural gas, biogas systems, engines and control systems. He continued to install, service, maintain, overhaul and repair all types of diesel and gas engines on landfill & waste water treatment plants, hospital generator sets, ships, road building equipment, power stations on pacific islands & more...

Alex has now attended 2G Technical Factory training and has completed Level 20 status which allows him full service access to all 2G Engines in the Southern Hemisphere via an on-line system. Alex will oversee all of our 2G systems for full service and warranty compliance for complete protection of your valuable asset.

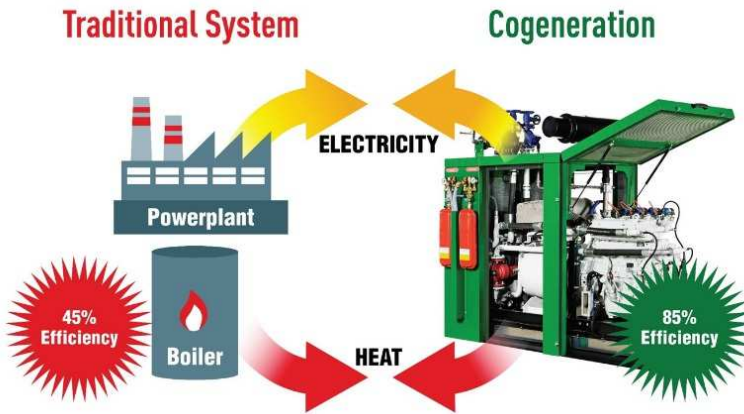
Our Technologies

Cogeneration

Evo Energy Technologies is the Australian Distributor for 2G Cogeneration systems who are the world's leading Biogas Cogeneration manufacturer having installed over 3500 plants in 25 countries.

2G manufacture Cogeneration systems from 50 to 2000 kW electrical capacity with electrical efficiencies up to 42%. This offers the best opportunity for a successful return on investment.

Our Staff have many years of experience in Cogeneration including Design & Feasibility, BioGas Production & Processing and Gas Safety. We have the only factory trained and certified staff to service 2G systems.

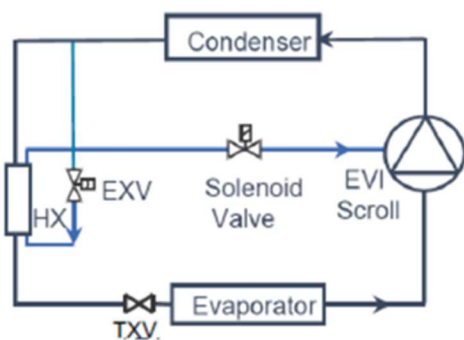


Heat Pumps

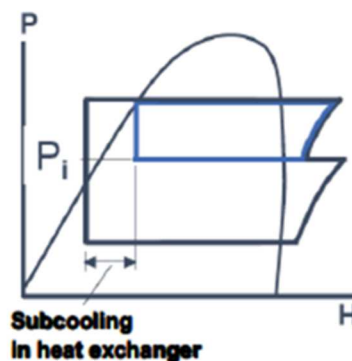
We can save you up to 50% running costs and over 30% saving on GHG emissions of a gas boiler

Heat Pumps are an extremely efficient means to heat water with the latest EVI Scroll technology we can heat water up to 80°C or extract heat from ambient air as low as -25°C. For even better efficiency we can extract heat from other water sources such as grey water, condenser water or process water.

Our systems can operate with a COP of up to 5 - this means for every kilowatt of electrical energy in we achieve 5 kilowatts of Heat energy out. By partnering with world leading manufacturers Evo is able to offer the latest technologies in combinations that no other company can provide. This provides outstanding savings in energy which in turn gives the best opportunity for a successful return on investment.



EVI Scroll Cycle Diagram



EVI Ph Diagram



Heat Recovery

Why waste heating or cooling energy to the atmosphere?

Our Water to Water Heat Recovery technology is able to extract heat from various sources including Geo-thermal, Grey water or Condenser water. When ambient temperatures are low there may be an alternate heat source available.

Our Air to Air Heat Recovery systems are able to save the latent energy in cooled exhaust air in situations that require a high quantity of fresh air such as Auditoriums, Indoor Pools and Gymnasiums.



Pool Heating

We have vast experience in pool heating from residential pools and spas through to the largest commercial Aquatic Centres with competition Olympic Pools. We have worked with Local Councils across Australia to reduced running costs, improve patron comfort and present them with a more valuable asset.

Our Pool Heat Pumps are built to our own specifications developed over many years of practical experience in the Australian Pool industry. We specify high quality components including Titanium Heat Exchangers, leading brand compressors, in-built Controls, hydrophilic-coated coil fins and safety devices including flow switches & high pressure cut outs for added protection. We offer industry leading warranty with 15 years on Titanium Heat Exchanger, 5 years on the Compressor & 2 years on all other parts.





Evo Energy Technologies

What sets Evo Energy Technologies apart from all the others in our field is our unique combination of Technologies and People.

We have gathered the world's leading technologies across Cogeneration, Heat Pumps and Heat Recovery systems. We have partnered with Companies who are experts in their field and continuously improve their products through extensive Research and Development. They support us with the best available energy efficiency, high quality products and superb after sales support.

We have assembled a strong team with a wide variety of experience across many different industries. Our staff have over 120 years of experience in Swimming Pools, Energy Efficiency and Building Services. What they all share is a passion for achieving energy savings for our customers.

We are the only company in Australia who can offer this range of technological solutions. We have proven our abilities through customer agreed successful projects. Due to our unique offering to the market we view every project as a reference project. Our satisfied Customers have become Advocates for future projects.

All of our products are fully supported with in-house factory trained staff. We have direct contact with our manufacturing partners so that any field issues can be promptly addressed.

Our Staff regularly attend industry functions and conferences to stay up to date with the latest news and innovations. We often make presentations at industry events and are more than happy to share our knowledge and experience through presentations or Lunch'n'Learn sessions.

When we do not have the right expertise in-house we collaborate with external partners such as Everest Resources for our on-line OH&S Systems. See <http://ohs.onlinecompliance.info/login.php> This encompasses our Safety & Environmental Policies, SWMs, EMPs & Hazard Reports.

Our existing Customers have experienced the energy saving benefits of our technologies and the strong performance of our Staff and Management. Please review the following reference project and relevant experience table

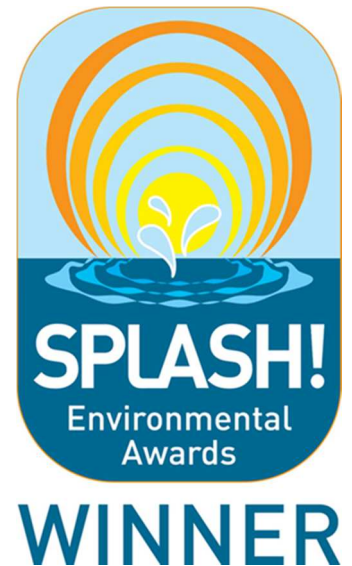
Reference Project - Fremantle Aquatic Centre

An Australian first combination of Geothermal Heat Pump with Natural Gas Cogeneration technology

The project was recognised for its unique combination of heating technology and outstanding energy efficiency that have given the City of Fremantle an excellent result.

The system comprises a Geo-thermal water to water Heat Pump provides 330kW of thermal power using bore water as a heat source. This water is taken from 160 m below the ground at approx. 27°C. This system has a COP of 6.0 and is the primary source of heating for the swimming pools.

There is also a Cogeneration System that provides 75 kW electrical and 120kW thermal power by running an engine on natural gas which drives a generator. The waste heat is from the engine and its exhaust are captured and reused. This reduces power usage of the Centre during peak periods. This is the most efficient way to use Natural gas as a fuel. Overall efficiency achieved is 85%.



At Evo, we believe in leading by example

Our Head Office is a refurbished 1970's commercial warehouse in which we have replaced the existing electric hot water with a high efficiency heat pump system, we have installed 10 kW PV Solar power system and a high efficiency chilled water cassette air conditioning system with occupant controls for operation and temperature. All glazing is double glazed low E solar glass to reduce heat transmission gains. We have high efficiency LED lighting and water saving plumbing fixtures installed throughout. Recycled materials have been used where possible including the reception entry foyer.



RELEVANT EXPERIENCE

The table below relates to projects completed and in progress by Evo Industries and Evo Energy Technologies.

Evo has supplied and installed many units more than the list below for projects in Australia and overseas such as Vietnam, Cambodia, Thailand, Fiji and India.

Client Name	Contract Details	Project Value	Start date	End Date
Broken Hill Council NSW	Broken Hill Aquatic Centre Heating capacity supplied 325 kW	160,322	Sept 2011	Nov 2011
Australian Shark and Ray Centre Vic	Dandenong Facility Heating Heating capacity supplied 220 kW	86,034	Sept 2011	Oct 2011
Pambula Shire Council NSW	Sapphire Aquatic Centre Heating capacity supplied 360 kW	168,968	Sept 2010	Feb 2011
Pall Corporation NSW	Water Treatment Plant Upgrades Heating capacity supplied 90 kW	67,587	July 2010	Aug 2010
Narrabri Shire NSW	Narrabri Aquatic Centre Pools, Floors and Sanitary water Heating capacity supplied 530 kW	160,400	March 2013	May 2013
Noosa Blue Resort Qld	2 Resort Pools Heating capacity supplied 168 kW	90,400	Oct 2012	Nov 2012
Cooroy State School Qld	25m Pool Heating Heating capacity supplied 109 kW	40,090	Feb 2013	March 2013
Bond University Qld	University hot water system renewal Heating capacity supplied 180 kW	162,500	Sep 2013	Jan 2014
Fremantle Aquatic Centre City of Fremantle	CHP System and Shallow Aquifer Ground Source Heat Pump CHP capacity supplied 75 kWe Heating capacity supplied 470 kW	750,000	Nov 2013	Ongoing 90%
Oaks Oasis Resort Caloundra	Pool and Splash Park Heating Heating capacity supplied 440 kW	120,000	Feb 2014	Mar 2014
Cardinia Life Aquatic Centre	CHP System to Aquatic Centre CHP capacity supplied 135kWe	410,000	June 2014	Nov 2014
Lakes Entrance Aquatic Centre	CS High Performance Heat Pump with Heat Recovery Heat Pump Ventilation System	330,000	Nov 2014	Jan 2015
Geraldton Aquatic Centre	Geothermal Heat Pump with Heat Recovery Heat Pump Ventilation System	500,000	Dec 2014	Feb 2015
Bairnsdale Wastewater Treatment	CHP – BioGas System with Heat Pump thermal Boost to supply heat to Digester	300,000	Dec 2014	Mar 2015

For any further details on our products or services please contact us directly

For general enquiries

Phone 1300 85 99 33

Email sales@evoet.com.au

For direct enquiries

Travis McNeill	0414 996 347	travis@evoet.com.au
Tony Mills	0419 136 772	tony@evoheat.com.au
Henryk Sliwa	0403 720 105	henryk@evoet.com.au
Michael Crook	0416 686 393	michael@evoet.com.au



Brisbane Office

Head Office & Warehouse

18 Hasp St

17 Mile Rocks

Queensland 4073

Sydney Office

Level 9 Avaya House

123 Epping Road

North Ryde

NSW 2113

www.evoet.com.au