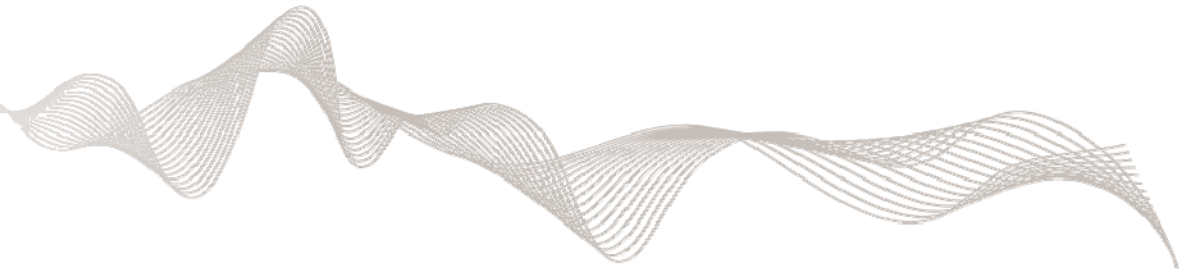


# Case Study Wood & Grieve Engineers

## Actively working to be an industry role model



Wood & Grieve Engineers (WGE) is a national engineering consultancy with services including civil, structural, mechanical, hydraulics, electrical, acoustic, fire and environmental sustainable design.

With WGE applying sustainability practices to day-to-day client projects, the organisation has also aimed to maximise green design and operations in their own tenancy, striving to be a role model to others in the industry.

### Making a difference

WGE joined CitySwitch as part of the organisation's commitment to managing and actively reducing the environmental impact of operations.

Starting with an initial NABERS Energy rating of 1.5 stars — typical of most tenancies which are not actively monitoring their energy use — WGE has undertaken simple energy saving actions to improve the energy efficiency of their Perth tenancy.

By undertaking delamping and other energy efficiency initiatives, WGE have increased their NABERS rating from 1.5 stars to 2.5 stars.

### Goals

- To demonstrate Wood & Grieve's commitment to sustainability
- To promote energy efficiency to our staff and to foster sustainable habits in the workplace.
- To reduce energy costs
- To achieve a 4 star NABERS Energy tenancy rating with ongoing improvement



Signatory status	
Date joined CitySwitch	March 2009
Tenancy size	2,306 sqm
NABERS Commitment rating	★★★★
Website	www.wge.com.au
Key outcomes	
Annual Saving	Over \$6,000 saved or 10% reduction in energy costs in 2010 compared to 2009
Total CO <sub>2</sub> emission reduction	30,491kg CO <sub>2</sub> saved
Technology	Delamping, introduction of flat-screen technology, passwords for printers

# Staff engagement and simple cost effective initiatives undertaken

## Key Initiatives

The organisation investigated various options for simple and cost effective energy saving initiatives and the following initiatives were implemented to get sustainability practices underway within the WGE tenancy:

- development of an environmental management system (EMS) to govern WGE operations that have an environmental impact
- board approval of an EMS documentation and budget allocated to role out ESD initiatives
- delamping to reduce lighting energy use
- a 'name and shame' computer switch-off policy
- updating of all computer screens to flat screen technology
- setting of passwords for printers to reduce wastage
- labeling of light switches to encourage staff switch off/ on only as needed.

## Achievements to date

Following WGE's commitment to CitySwitch, the following outcomes have been achieved to date:

- an improved NABERS Energy rating from 1.5 stars to 2.5 stars
- an energy cost saving of over \$6,000 in 2010 compared to 2009
- an approximate 10 per cent reduction in energy costs
- a saving of 30,491 kg CO<sub>2</sub>
- increased staff awareness and interest in contributing to the tenancy's energy efficiency which in-turn has led to more staff turning off lights, computers etc
- a reduction in the average number of computers left on overnight (from 17 to 4)
- the roll-out of a formal WGE Environmental Policy and commitment to ongoing improvement
- WA CitySwitch Signatory of the Year Award 2010 (over 2,000 sqm).

**“Wood & Grieve Engineers reaffirms our position of promoting sustainability to our industry and our people. We are proud to be a CitySwitch Signatory and we look forward to actively reducing our greenhouse gas emissions and ecological footprint.”**

**Mike Best, Managing Director**

## Challenges

The biggest challenge was to get WGE executive management on board in order to allocate resources and enable the ESD team time to investigate and implement change.

With sustainability 'best practice' systems now all in place, WGE anticipates even greater outcomes going forward.

## Get involved

Join CitySwitch and discover how small changes can make a big difference to Australia's future environmental health – and that of the planet.

Visit [www.cityswitch.net.au](http://www.cityswitch.net.au) for more information or call the CitySwitch Program Manager in your state. Contact details are listed on the website.

CitySwitch is a national tenant energy efficiency program. Previously known as the 3CBDs Greenhouse Initiative, the program works with tenants to improve office energy efficiency, thereby reducing the CO<sub>2</sub> emissions attributed to climate change.

## CitySwitch Council partners



Dedicated to a better Brisbane

