

# Carbon footprint

## St Ambrose Church, the Parish and Bethany Houses

### Father Michael Casey

St Ambrose Parish has been a part of the Brunswick community for almost 140 years. The Church is located on Sydney Road, Brunswick. Over the last few years, the Parish has been taking steps to reduce their energy use and is quickly becoming a community leader in taking action on climate change.

## Action Plan

### Completed

- Installed greywater & rainwater system on the Parish house
- Insulated ceiling (with R3.5 batts) Replaced 13 electric heaters with 5 star gas central heating Replaced outdoor lights (PAR38) with energy saving lights
- Tried 150W flood lights with 70W
- energy saving lights
- Installed solar hot water system Purchased 100% GreenPower
- in the Parish and Bethany Houses

### To do

- Replace the remaining 150W floodlights with 70W energy saving lights
- Switch off appliances on standby power

- Trial a compost system for Bethany House
- Install greywater and rainwater system on Bethany House

## Carbon Footprint January 2009

Area	Carbon Source	Input	Annual Carbon
Transport	Car	15000km@ 12 L /100km	4.67
	Electricity	3610 kWh	4.73
Energy	Electricity (GP*)	12230 kWh	0
	Gas	151.17 GJ	2.69
Waste	Rubbish to landfill	660 L/week (300% of 120L)	2.49
Total Annual Carbon Footprint (t CO <sub>2</sub> e)			14.58

\*GreenPower

Carbon footprint  
14.58 CO<sub>2</sub>e

