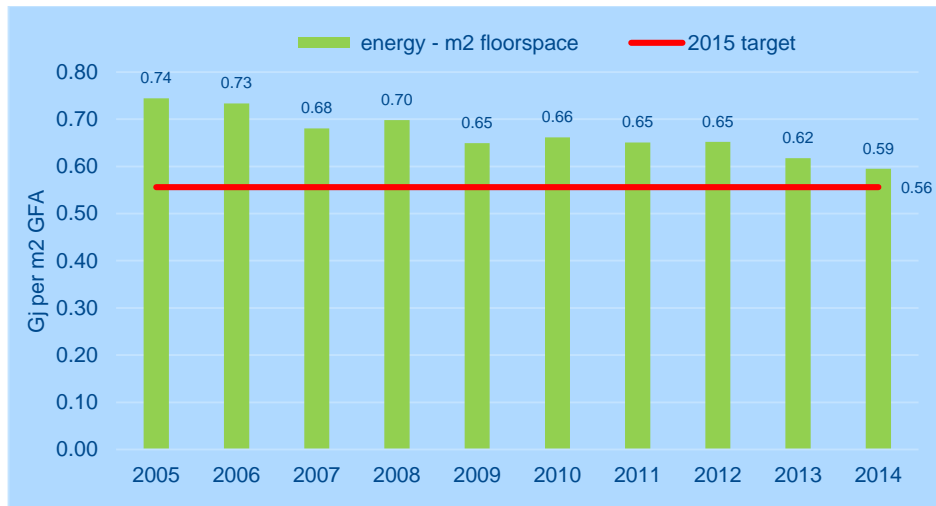


2014 Sustainability Report

The University continues to reduce its environmental impact through the reduction of utility consumption, landfill waste, vehicle fuel and greenhouse gas emissions. Over the past year the University has achieved the following:

- greenhouse gas emissions (GHG) have reduced by 4.7% or 1,020 tonnes
- energy consumption has reduced by 2.5%
- water consumption increased by 5% or 4 million litres
- recycled waste has increased by 16 tonnes, a 7% improvement
- waste to landfill has decreased by 29 tonnes, a 6% improvement
- fuel for fleet vehicles has decreased by 9% or 20,242 litres
- staff travelling to Melbourne via public transport (V/line) has increased by 83%
- paper consumption has fallen by 16% or 3,221 reams

Energy consumption per m² floor space

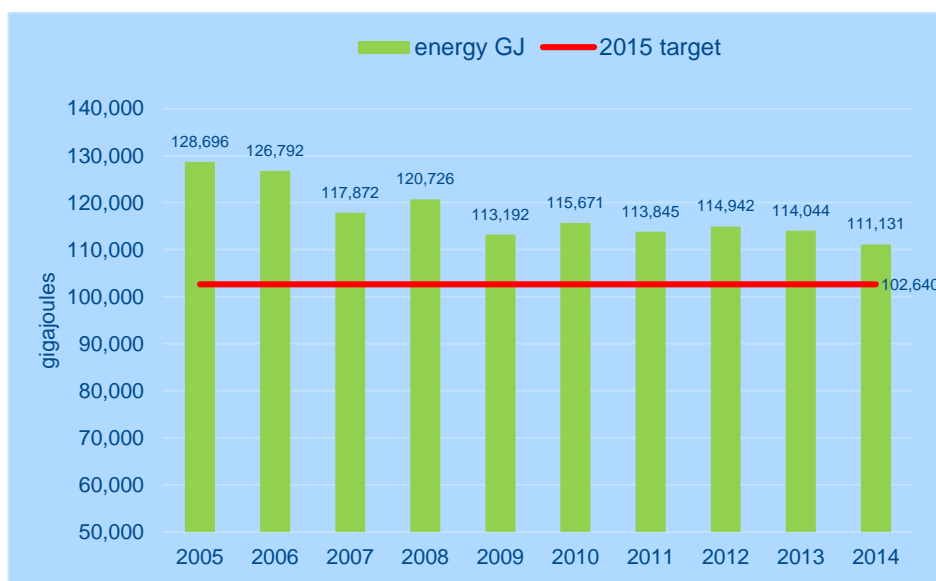


Energy consumption continues to decline with a 3% decrease in electricity and a 2.2% decrease in natural gas.

University is currently installing a range of energy efficient infrastructure to make even further savings.

A 70 kilowatt solar panel system at Horsham campus, LED indoor and outdoor lighting upgrades, new gas boilers and variable speed drives are being installed in 2015.

Gross Energy Consumption

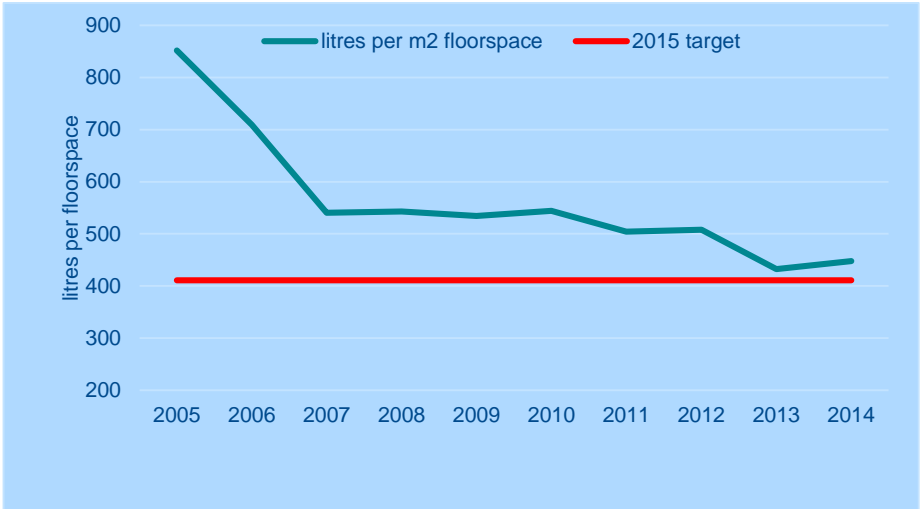


Even though building space has increased by 8% through the addition of 3 new buildings at Mt Helen and SMB campuses, the University continues to reduce energy consumption.

Overall, energy consumption has fallen by 2.5% in the past 12 months and 3.3% in the past 2 years.

Our 2015 target is to reduce energy consumption by 10% (baseline 2013) to 102,640 GJ.

Potable water consumption

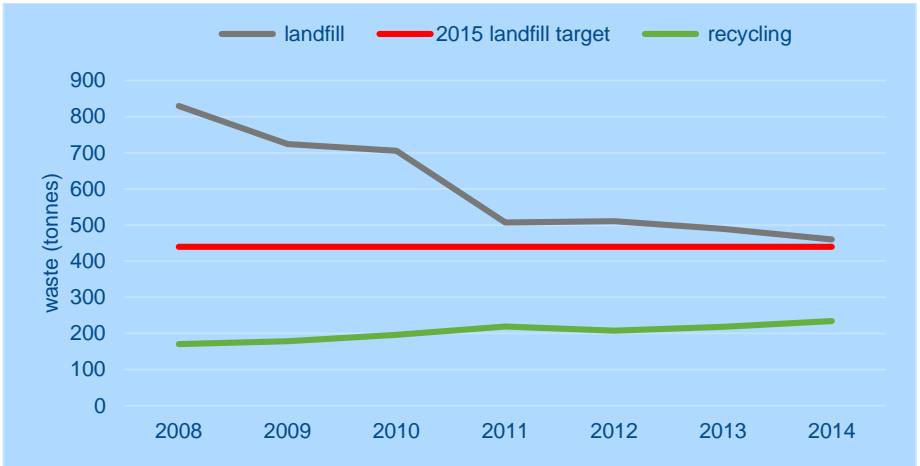


Potable water consumption has increased by 5% or 4 million litres

Increase was attributed to major water leaks at Horsham campus where consumption increased by 6 million litres

University set a target by 2015 to reduce potable water consumption by 5%.

Waste and Recycling



Landfill waste decreased by 29 tonnes in 2014, a 6% reduction.

Recycling has increased by 16 tonnes, a 7% improvement on the previous year

The University now recycles 34% of all waste, up from 31% in 2013 and 29% in 2012.

By 2015 the University has set a target to reduce landfill waste by 10%, increase recycling by 10% and recycle 35% of total waste

Landfill Waste

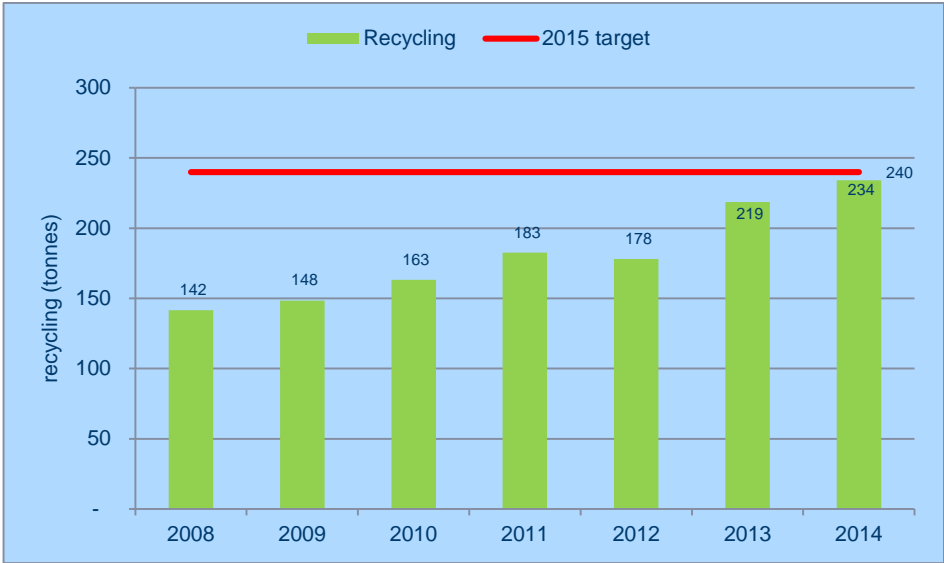


University has a 2015 target to reduce waste to landfill by 10% to 440 tonnes

460 tonnes went to landfill in 2014.

The University introduced a brick recycling facility for the bricklaying course at SMB. This will divert 16 tonnes of bricks from landfill each year.

Recycling our waste



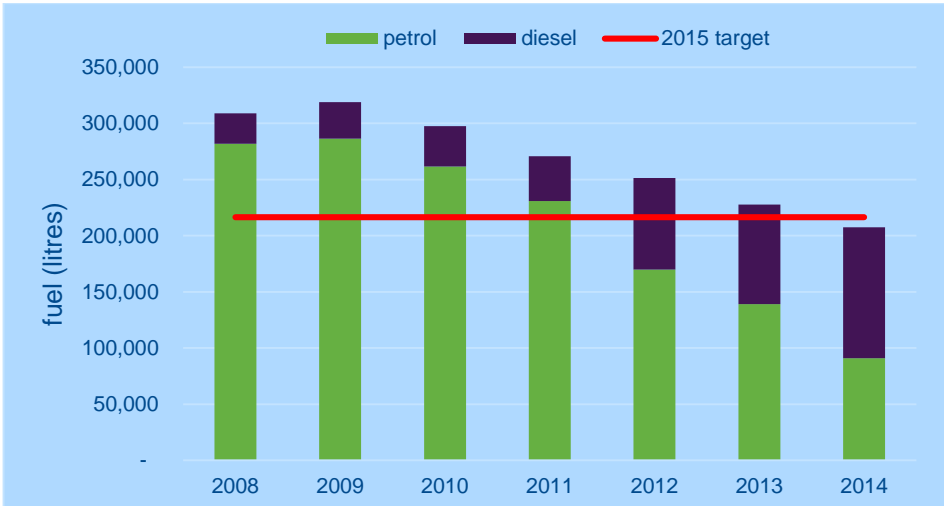
Recycling increased by 16 tonnes to 234 tonnes, a 7% increase over the previous year

Our 2015 target is to recycle 240 tonnes of waste.

The University recycled 12 tonnes of e-waste, 130 tonnes of paper and cardboard, 90 tonnes of commingled waste and 250 kg of fluorescent globes.

Diverting 234 tonnes of waste saves 257 tonnes of GHG emissions.

Vehicle fleet - Fuel Consumption

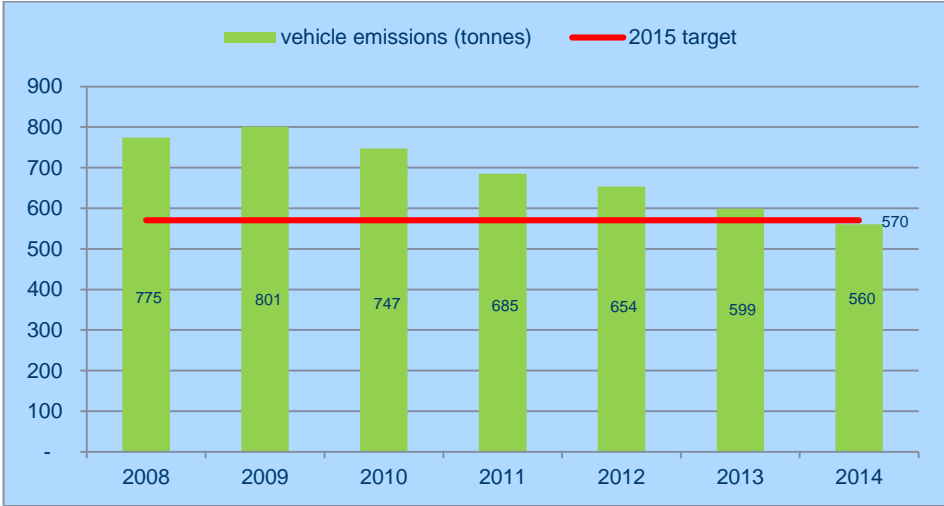


University fuel consumption continues to decline with a 9% or 20,242 reduction in 2014. This equates to a 20,242 litre saving.

The savings are attributed to the replacement of petrol vehicles with diesel. 75% of the passenger fleet is now diesel powered. 96% of the fleet are 4 cylinder.

Many staff have switched to train travel to Melbourne with V/line expenditure increasing by 33% in 2013.

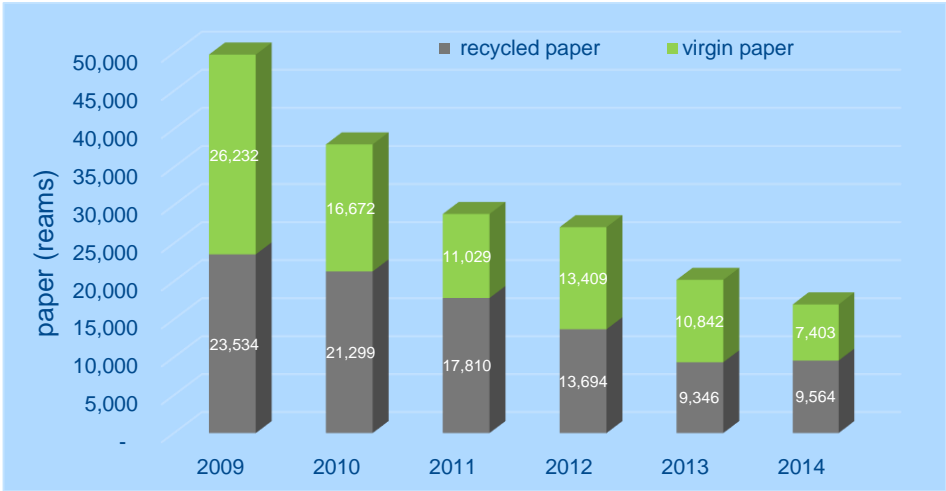
Motor Vehicle fleet - GHG emissions



The University has set a 2015 target to reduce university vehicle fleet emissions by 5%.

This target was achieved in 2014 but travel to Gippsland may increase in 2015 with the impending amalgamation of the University and Gippsland's Federation Training.

Paper Consumption



University purchased 16,977 reams in 2014, a reduction of 16% or 3,351 reams over the previous year.

56% of paper purchased has a recycled component.

Over the past 5 years paper consumption has fallen by 66%.

V/Line train expenditure



The University encourages staff to utilise V/line over motor vehicles when travelling to Melbourne.

In 2014 expenditure on V/line travel has increased by 83%.

All departments have been issued with myki cards with auto top up feature so staff don't need to worry about travel reimbursements.

The Regional Rail Link was opened in July 2014 and has made the Ballarat-Melbourne service more reliable in departure and arrival times.

2014 Carbon Inventory

The University emitted 22,097 tonnes of greenhouse gases in 2014, a reduction of 4.7%. Our 2015 target is 20,879 tonnes which is a 10% reduction in 2 years. The consumption of energy was the biggest emitter with 20,000 tonnes or 91% of total emissions.

Emissions source	Consumption units	Consumption	Actual Emissions (tonnes) 2013	Actual Emissions (tonnes) 2014	change from previous year	Target emissions (tonnes) 2015
Direct emissions (Scope 1)						
Natural Gas	GJ	66,773	3,508	3,427	-2%	3,157
Petrol for vehicles	kL	88	314	201	-36%	300
LPG for vehicles	KL	3	2	5	0%	0
Diesel for vehicles	kL	117	240	314	31%	228
Total Scope 1			4,064	3,948	-3%	3,685
Indirect emissions (Scope 2)						
Electricity	kWh	12,321,525	15,109	14,539	-4%	13,598
Optional Emissions (Scope 3)						
Electricity - transmission & distribution losses	kWh	12,321,525	1,904	1,848	-3%	1,714
Flights	km	9,673,710	1,398	1,062	-24%	1,230
Waste - landfill	tonnes	460	538	506	-6%	484
Extraction of natural gas	GJ	66,773	267	260	-2%	240
Train travel	\$	80,912	28	47	67%	31
Water consumption	kL	83,863	187	196	5%	178
Paper consumption	reams	16,967	67	60	-10%	60
Emissions from fuel extraction	kL	208	44	40	-9%	40
Total scope 3			4,433	4,021	-9%	3,977
Scope 1 + 2 + 3			23,606	22,508	-5%	21,260
Reduction measures						
AGL Green power	kWh	308,635	-414	-410		-381
Net Emissions			23,192	22,097	-4.72%	20,879

2014-15 Sustainability Strategy Goals & Targets

Goal	Baseline	Target 2015	Achievement 2014
Increase reporting on social indicators in the annual report			began discussions with Barbara Webb but no progress made
Provide regular consultation with staff, students and the local community of sustainability@feduni achievements			Regular promotion on FedUni news, facebook, twitter and emails to sustainability champions
Continue to grow courses offering sustainability as a core or elective			Bachelor of Sustainability
Increase the awareness of sustainability in graduates			
Promote sustainability research through sustainability website			Sustainability research webpage created promoting 26 sustainability research programs
Engage with policy makers to encourage more EFS in TAFE and H.E. sectors			No progress
Reduce energy consumption campus wide by 10% per m ² GFA	.62 GJ m ² GFA	.56 GJ m ² GFA	.59 GJ m ² GFA
Reduce GHG emissions campus wide by 10%	23,192 tonnes	20,897 tonnes	22,097 tonnes
Reduce waste to landfill by 10%	489 tonnes	440 tonnes	460 tonnes
Increase recycling by 10%	218 tonnes	240 tonnes	234 tonnes
Reduce water consumption by 5%	432 litres per m ² GFA	411 litres per m ² GFA	448 litres per m ² GFA
Increase patronage on V/Line train travel by 10%	\$ 44,200	\$ 48,600	\$ 80,912
Reduce University vehicle fleet GHG emissions by 5%	600 tonnes	570 tonnes	560 tonnes