

AWWA

Carbon Reduction Plan



Emissions intensity (M\$/tCO₂e)

For every million dollars AWWA turns over we emit X number of tonnes of carbon.

Absolute vs Intensity reduction targets

AWWA has chosen to measure the intensity of our emissions based on our annual revenue, and set intensity reduction targets based on this figure. The reason for choosing this option over setting absolute reduction targets is due to forecasted growth over the next few years, which will see our overall total emissions increase (due to increased volumes of inwards and outwards freight). Setting an intensity reduction target makes our targets comparable year to year.



AWWA EMISSIONS REDUCTION PERFORMANCE

Emissions activities:	Base Year (FY21)	FY22 (current)	Current year % change against Base Year	Overall (%) of total emissions
Upstream Freight	78.26	128.60	64%	79%
Fuel & Energy Related Emissions	14.10	18.68	32%	12%
Mobile Combustion	9.56	8.11	-15%	5%
Staff Commuting	3.18	5.65	78%	3%
Business Travel	1.37	0.79	-42%	0%
Purchased Electricity	0.17	0.46	171%	0%
Business Waste	0.02	0.12	500%	0%
Purchased Goods	0.21	-		
Total emissions	106.87	162.41	52%	
Emissions intensity (Thousands of units brought/tCO ₂ e)	0.71	1.33	87%	
Emissions intensity (Thousands of units Dispatched/tCO ₂ e)	1.12	0.97	-13%	
Emissions intensity (M\$/tCO ₂ e)	45.79	47.95	5%	

SUSTAINABILITY AND PROGRESS



AWWA EMISSION REDUCTION PLAN AND TIMEFRAMES

	Short term %	Projected total	Medium term %	Projected total	Long term %	Projected total
Absolute reduction target	0%	162.41	0%	162.41	0%	162.41
Intensity reduction target	10%	43.16	15%	40.76	15%	40.76

Short term	within 3 years	end of FY25
Medium term	3-6 years	end of FY28
Long term	7-10 years	end of FY32

