



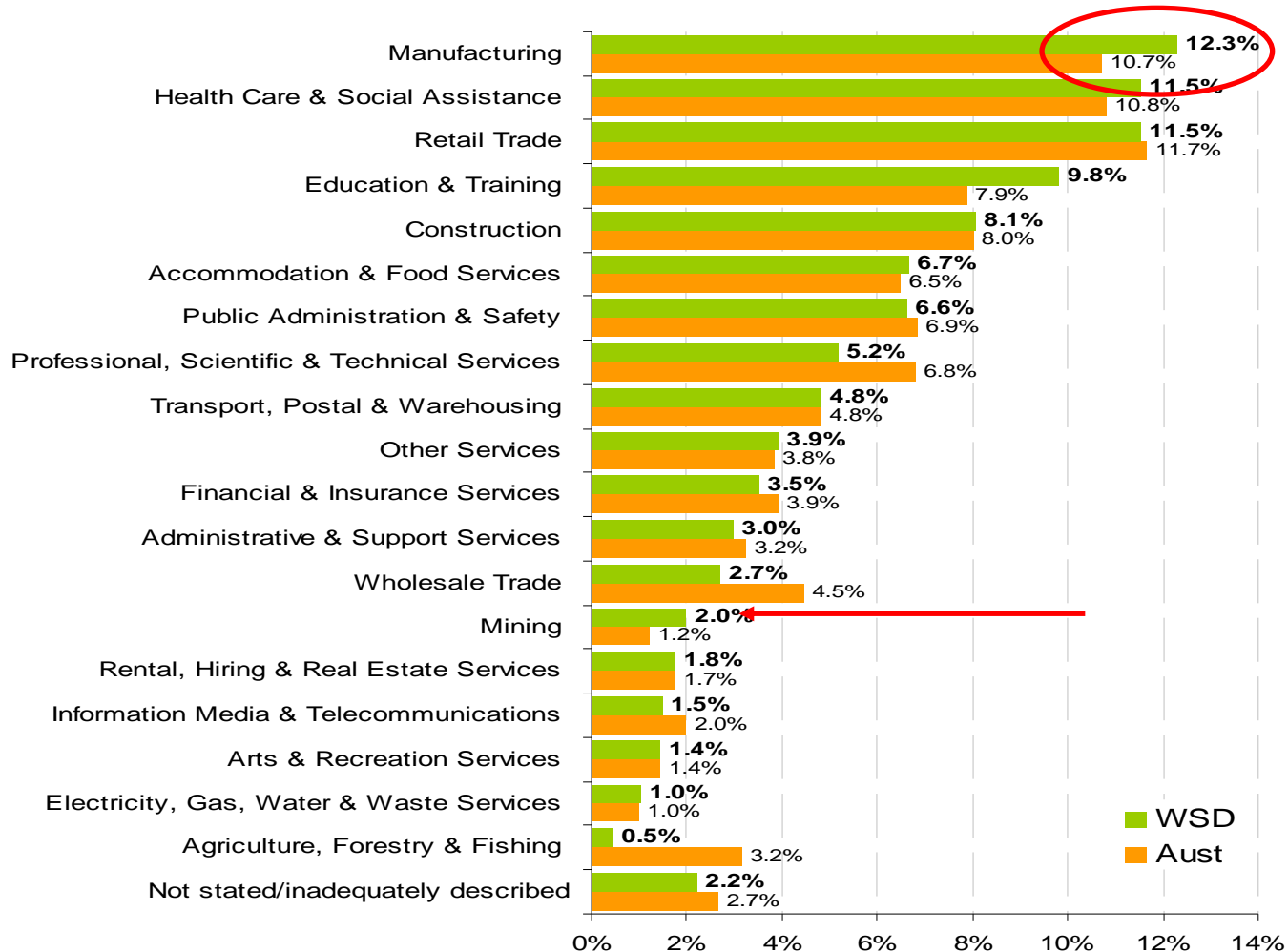
The Illawarra & the CPRS Forum



**Findings from an Illawarra survey about
attitudes toward and impact of the
CPRS on
local manufacturing businesses**

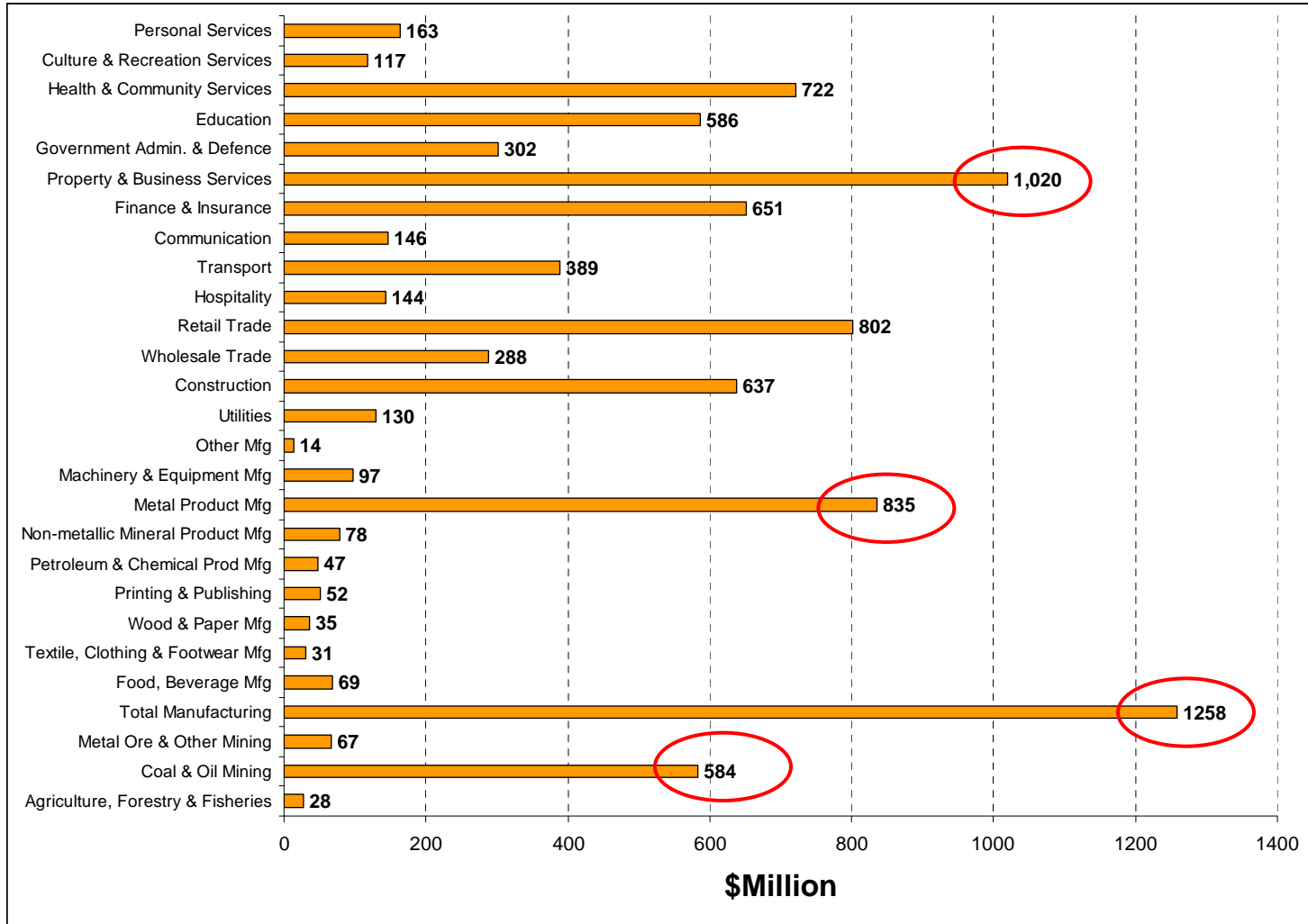


Employment Structure



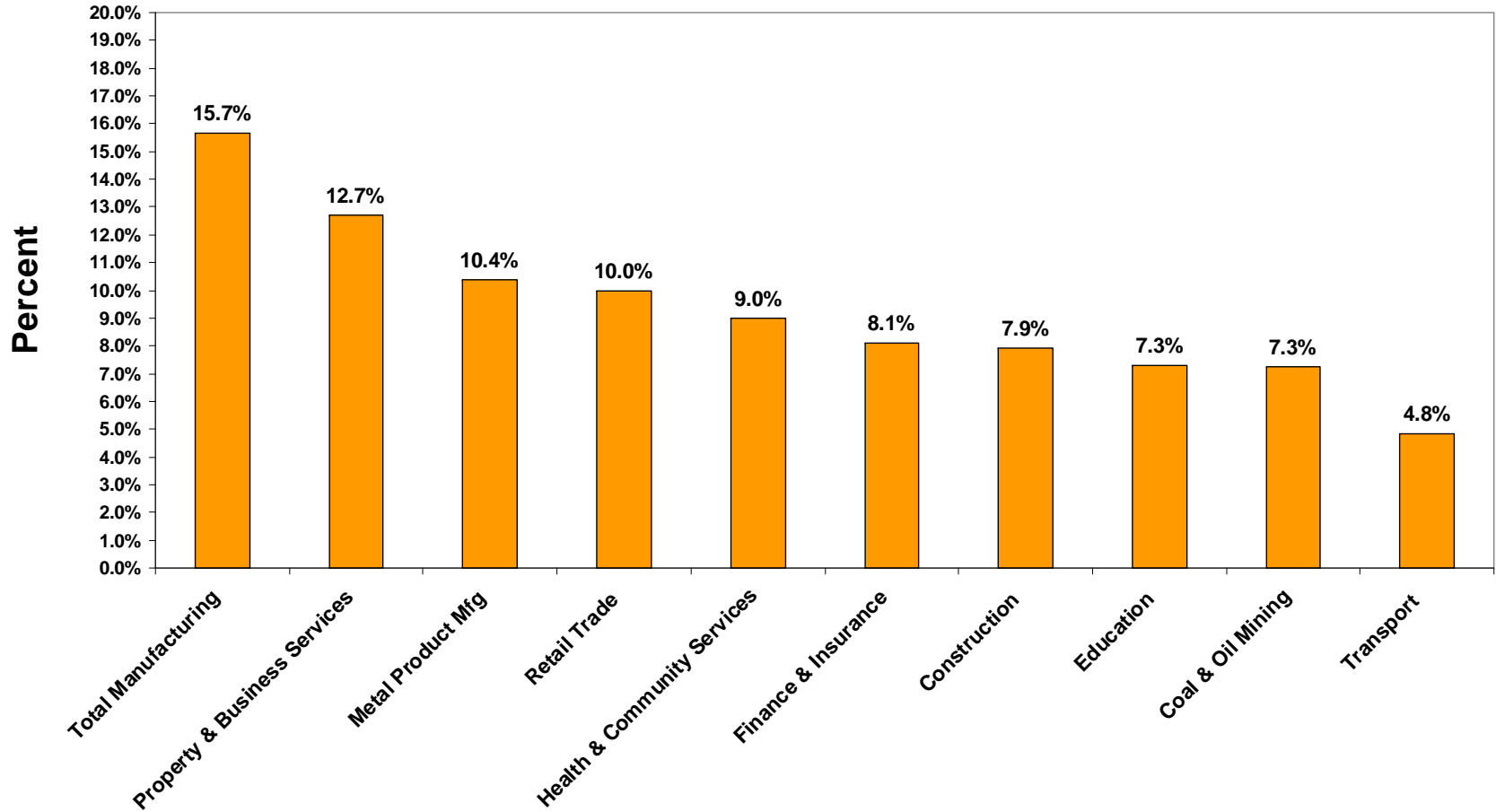


Industry Value Add





Industry Contribution to GRP





Employment Multipliers

Coal & Oil Mining	6.05
Metal Ore & Other Mining	3.78
Metal Product Mfg	3.59
Utilities	3.29
Petroleum & Chemical Prod Mfg	3.28
Construction	3.11
Non-metallic Mineral Product Mfg	2.98
Food, Beverage Mfg	2.70
Machinery & Equipment Mfg	2.49
Transport	2.45
Hospitality	1.61
Education	1.50

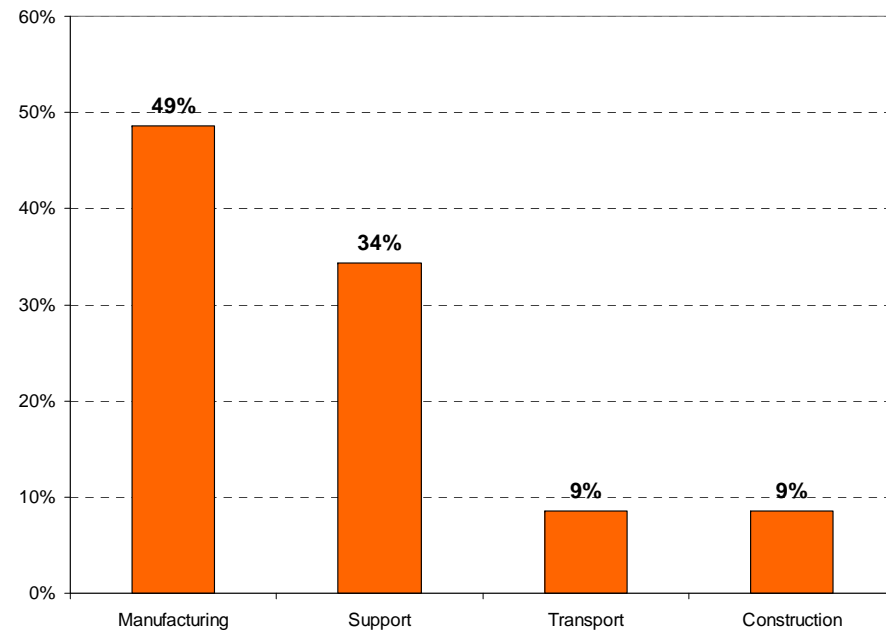
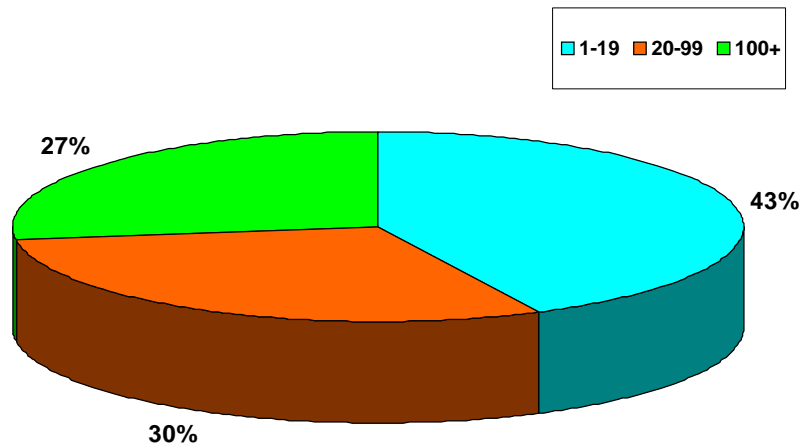


Survey

- 70 companies in the manufacturing, support services to manufacturing , transport and construction sectors were interviewed by telephone.
- Scope - Wollongong region
- Targeted the company's CEO or a Senior Manager
- Convenience sample (limitations)
- Replicated a range of questions used in the national AIG survey
- Comparisons treat with caution

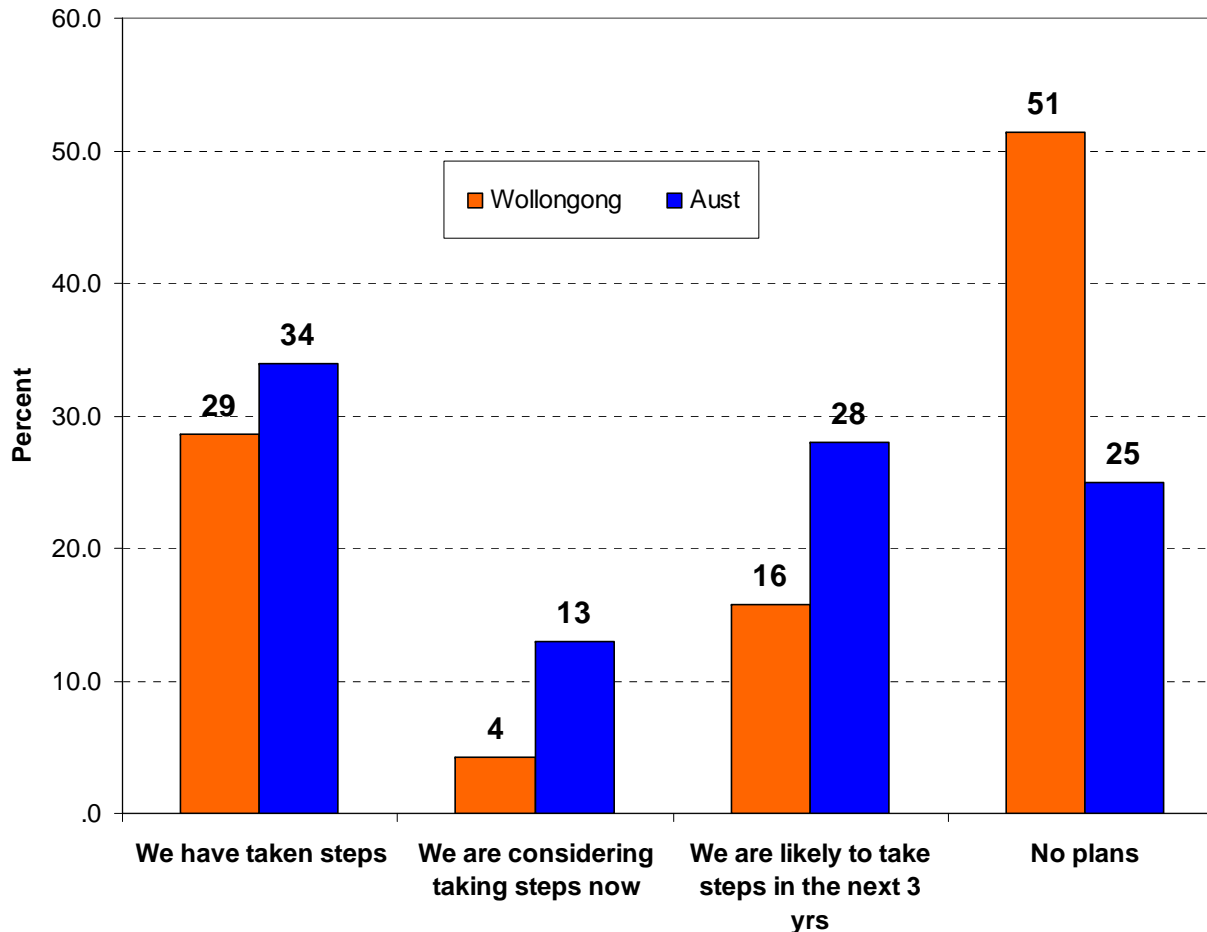


Company Profiles



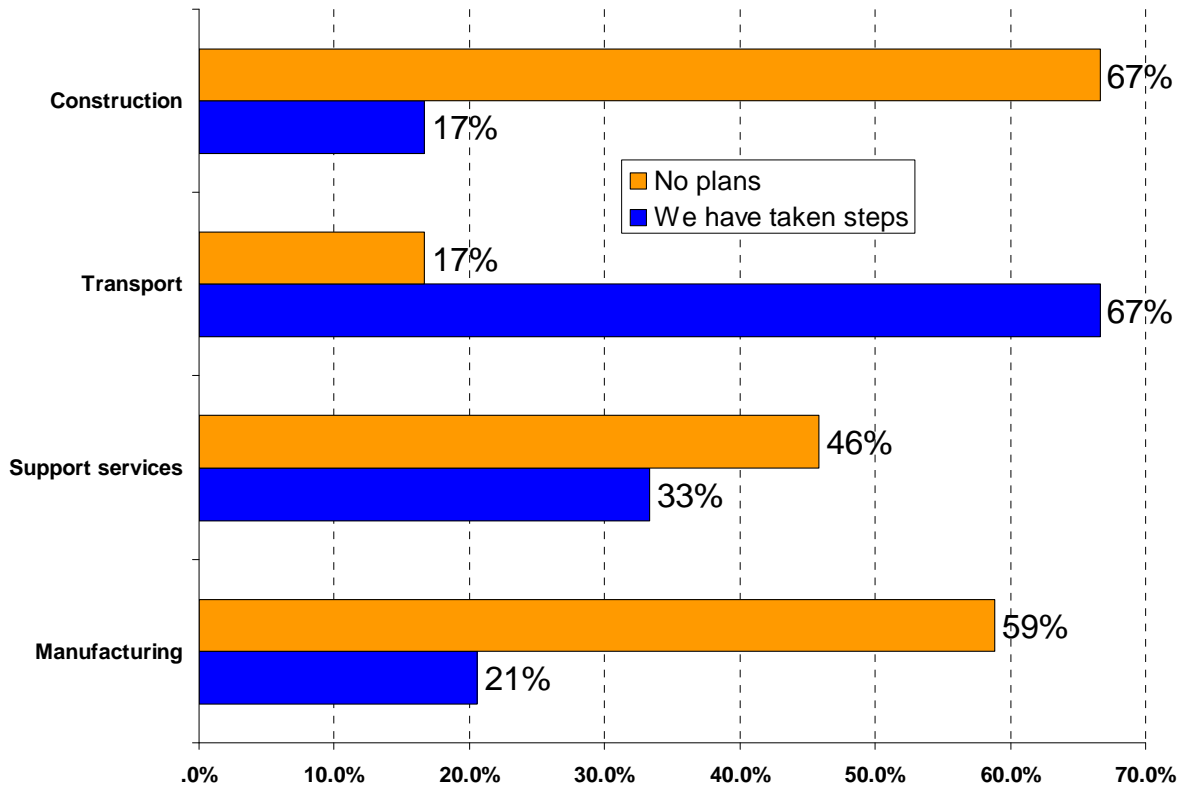


Measurement of Carbon Footprint



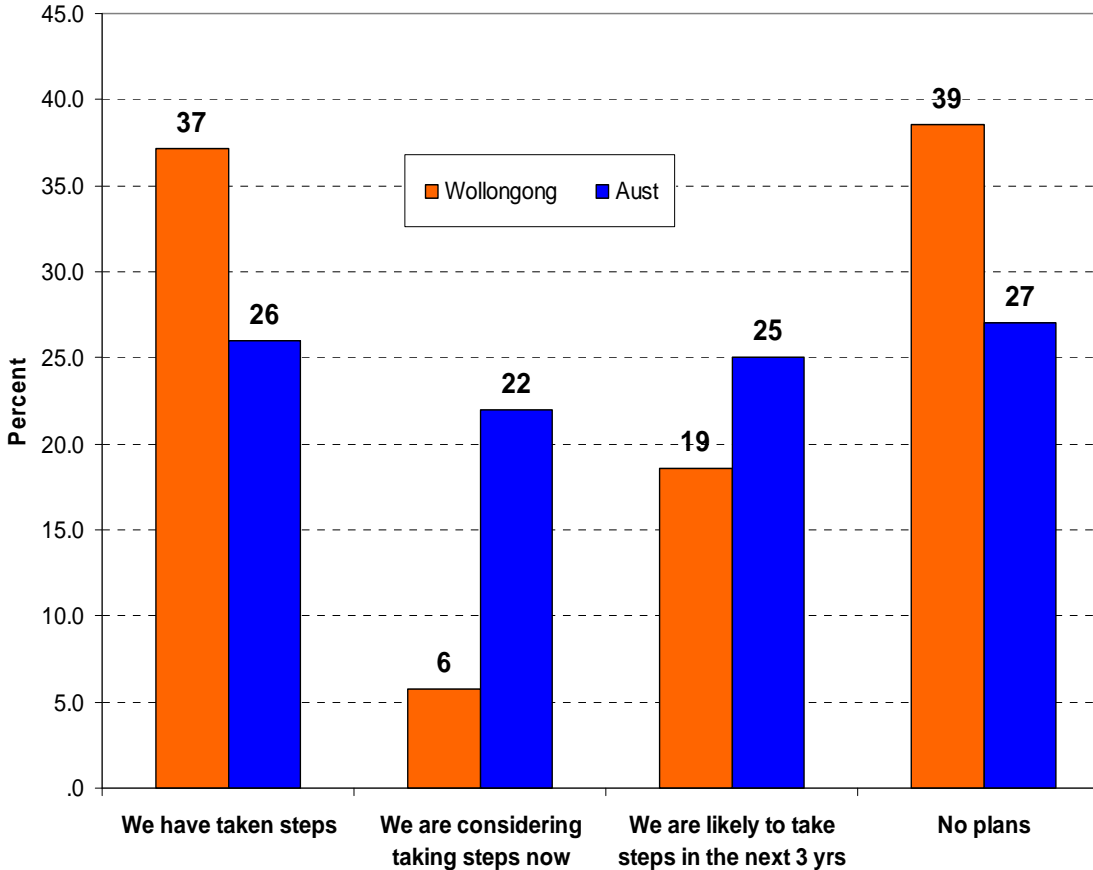


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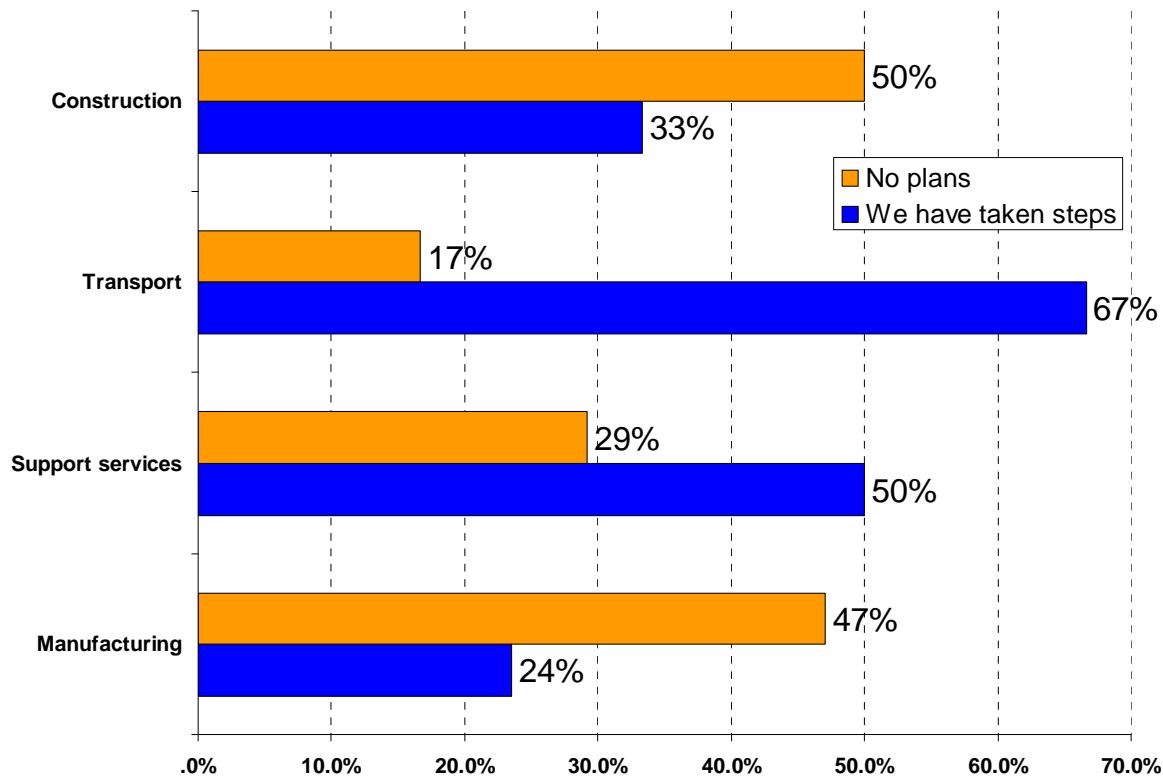


Reduction in Direct Emissions





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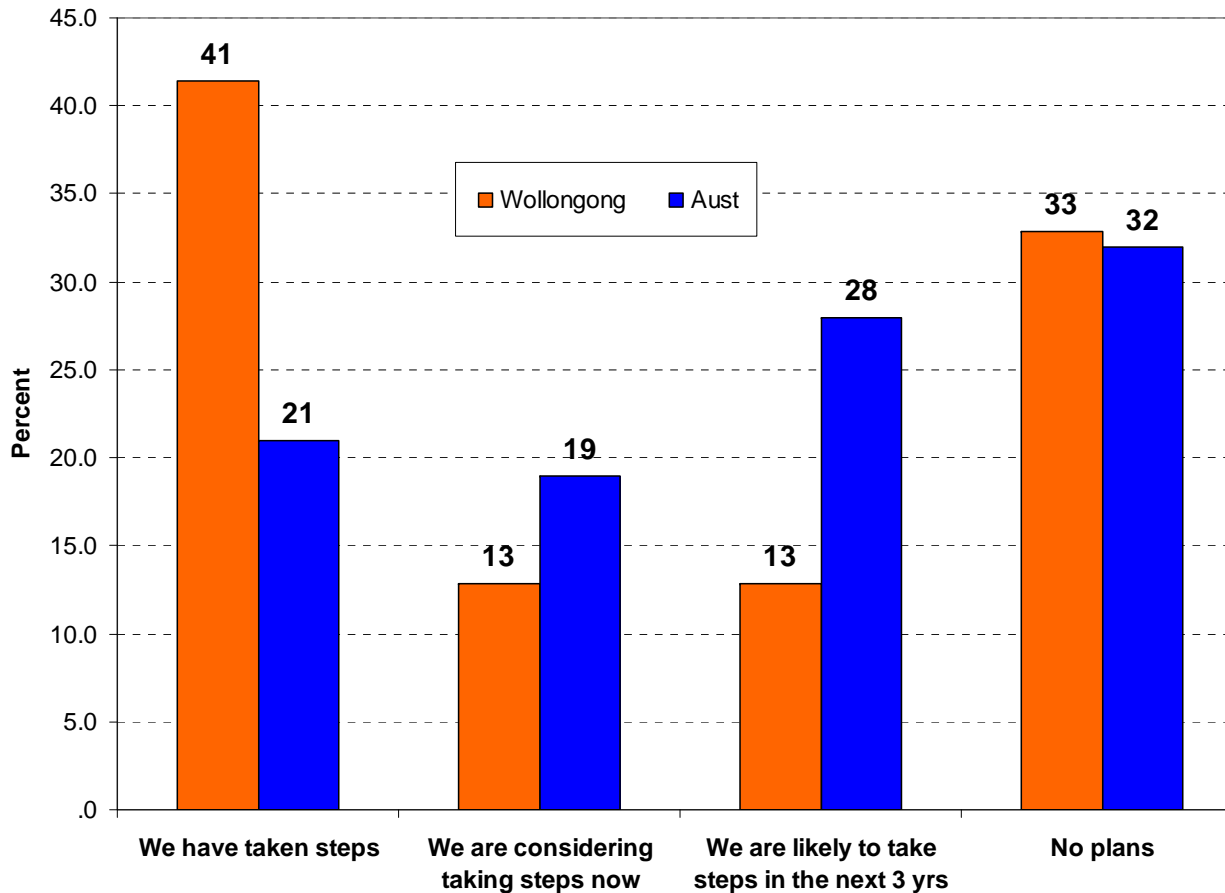


53% of large businesses had taken steps

50% of small businesses have no plans

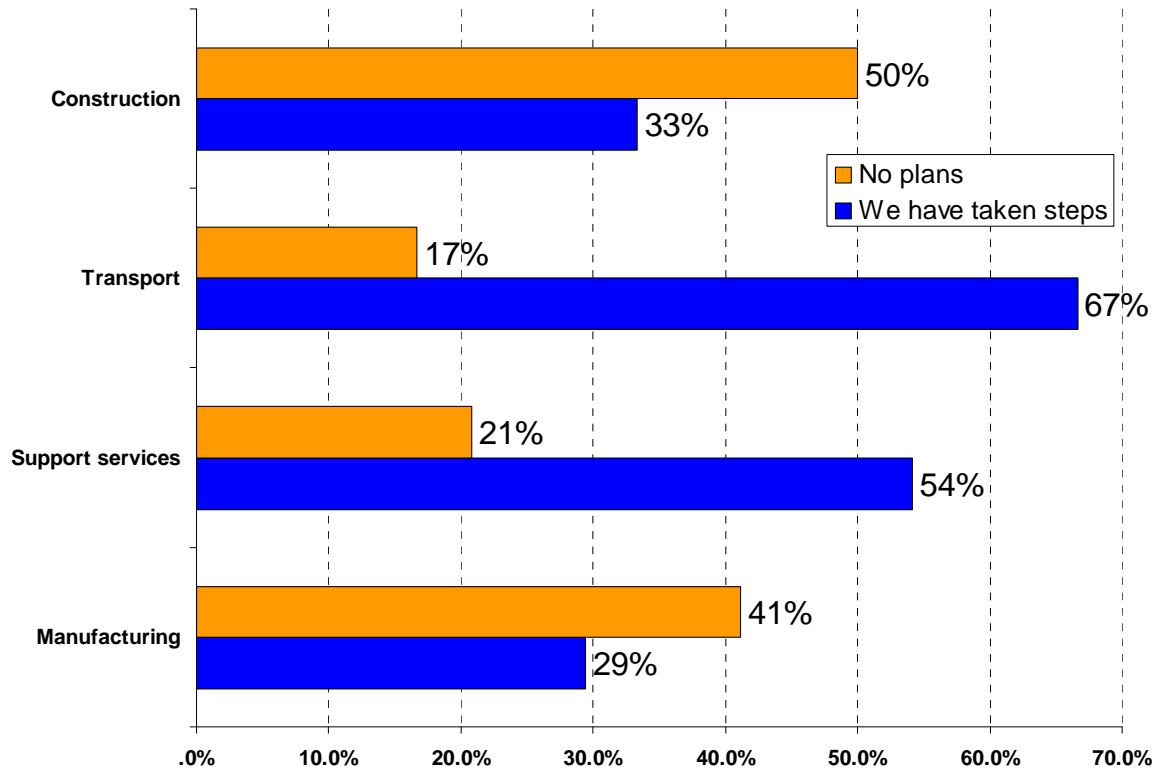


Implementing changes in Operational Practices to manage carbon footprint





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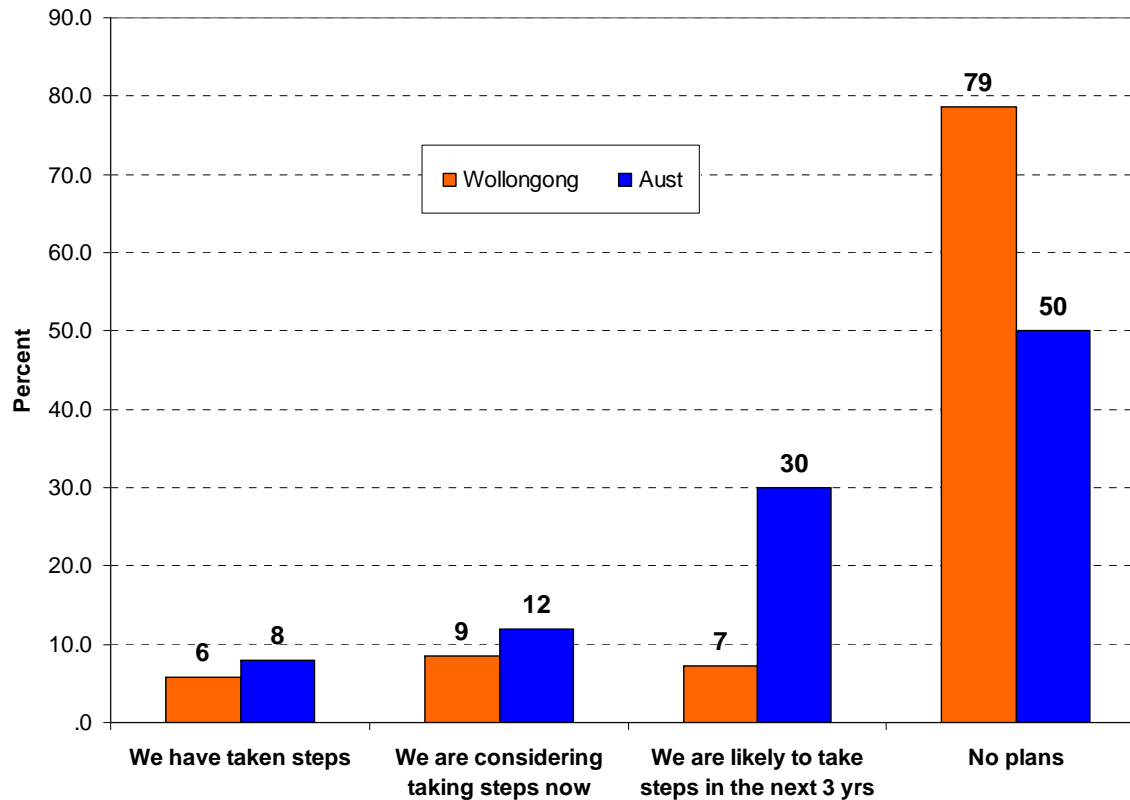


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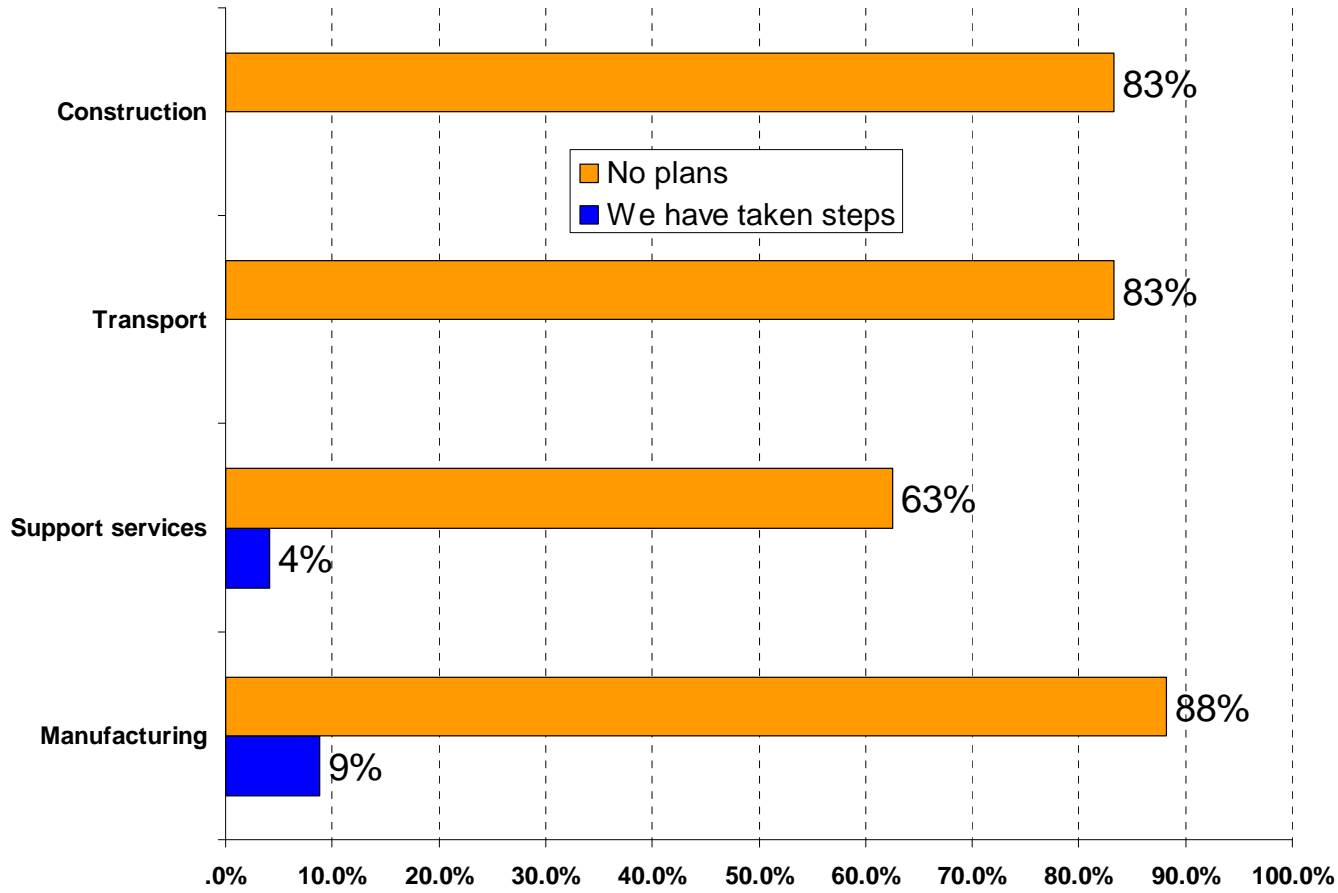


Taken Action to manage the carbon emissions of your suppliers





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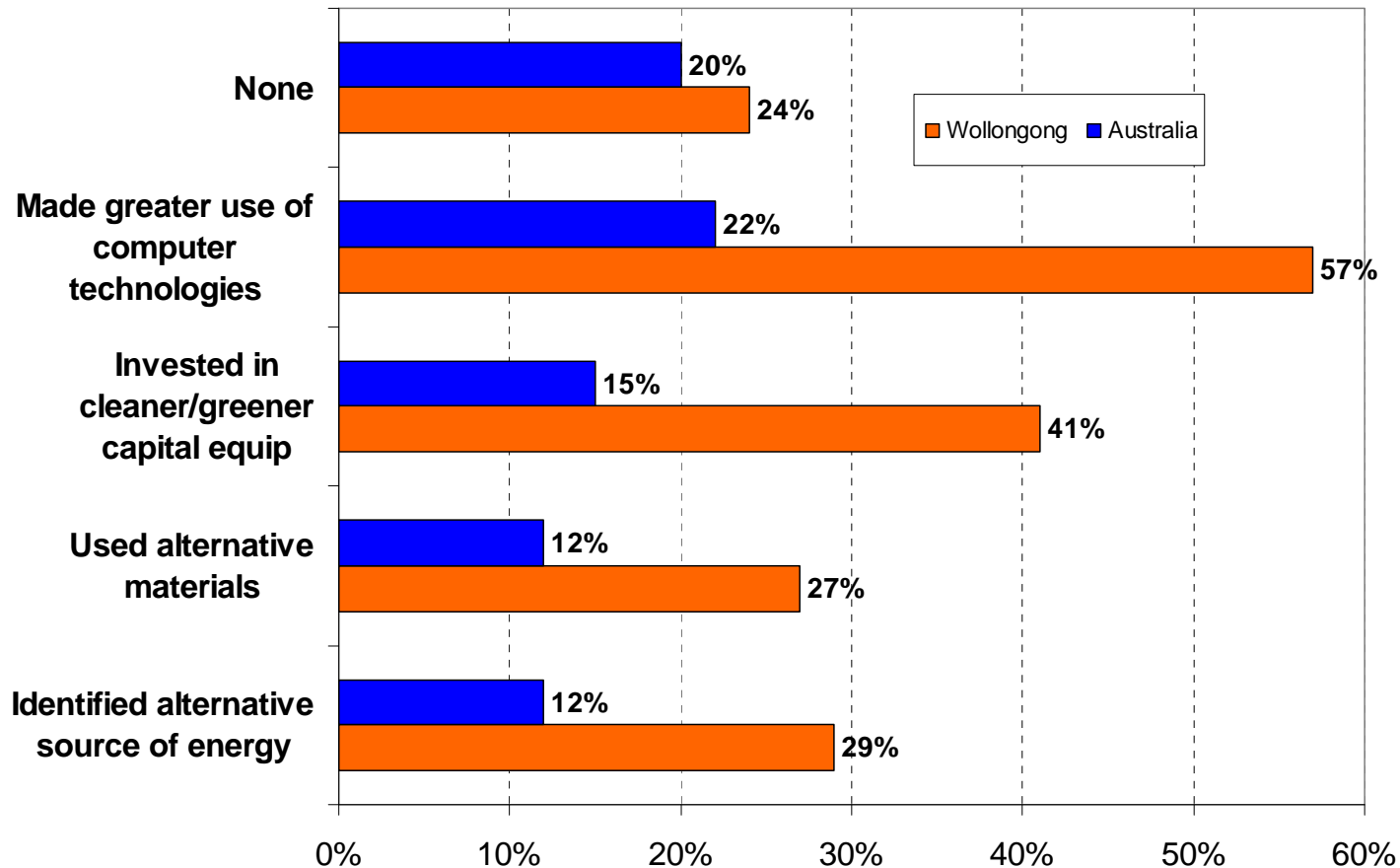


11% of large businesses had taken steps

58% of large businesses have no plans



Undertaken Any of the following to reduce your Carbon Footprint



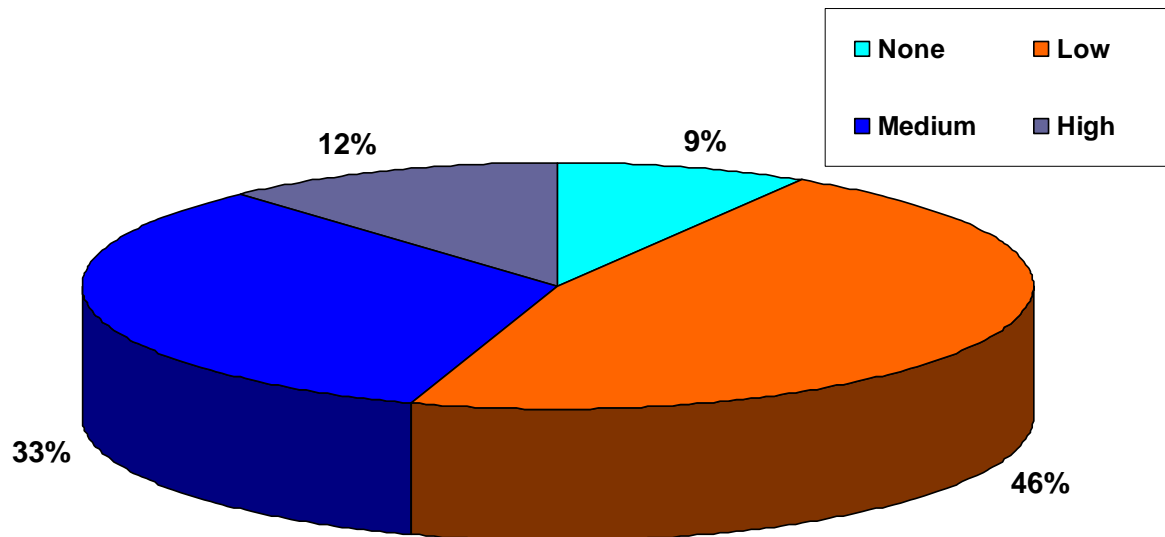


Undertaken Any of the following to reduce your Carbon Footprint

	Manufacturing	Support Services	Transport	Construction	Small	Med	Large
Identified alternative source of energy	21%	33%	67%	17%	20%	29%	42%
Used alternative materials	21%	33%	33%	33%	17%	29%	42%
Invested in cleaner/greener capital equip	24%	54%	50%	83%	37%	43%	47%
Made greater use of computer technologies	50%	67%	50%	67%	43%	57%	79%
None of these	32%	21%	17%	0%	37%	19%	11%

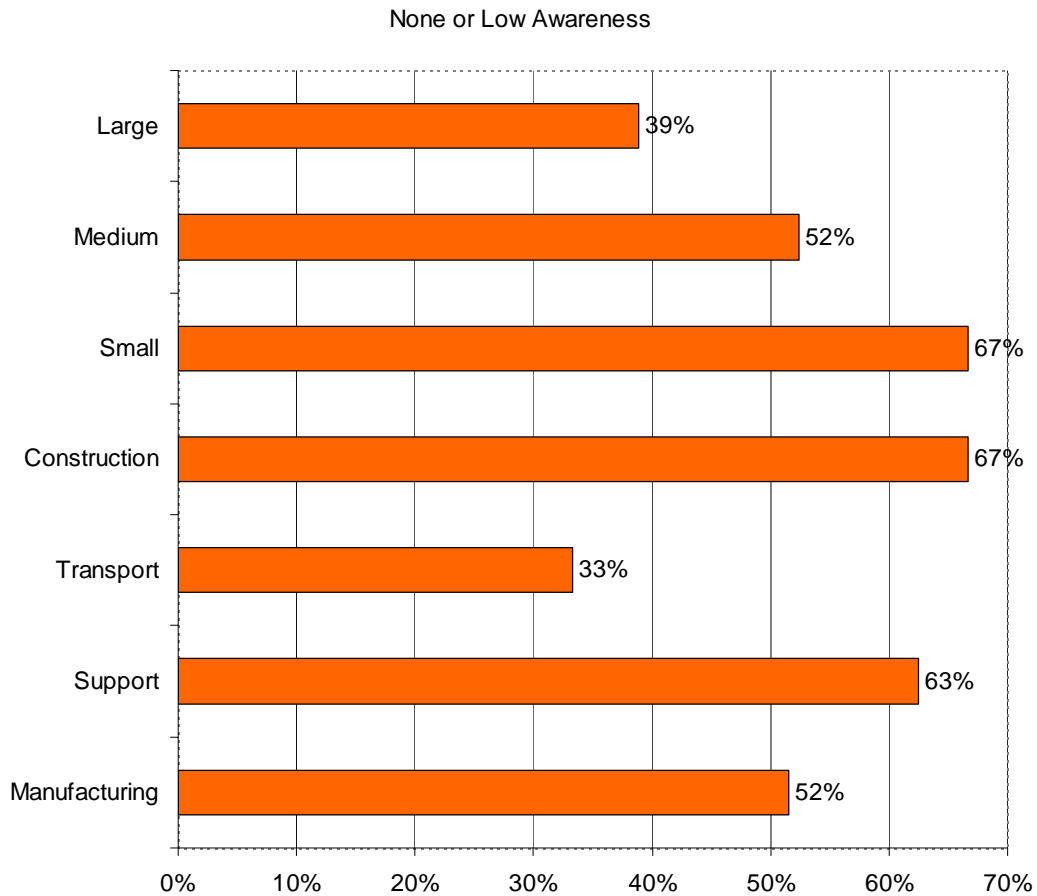


Level of Awareness of the measures proposed for the CPRS



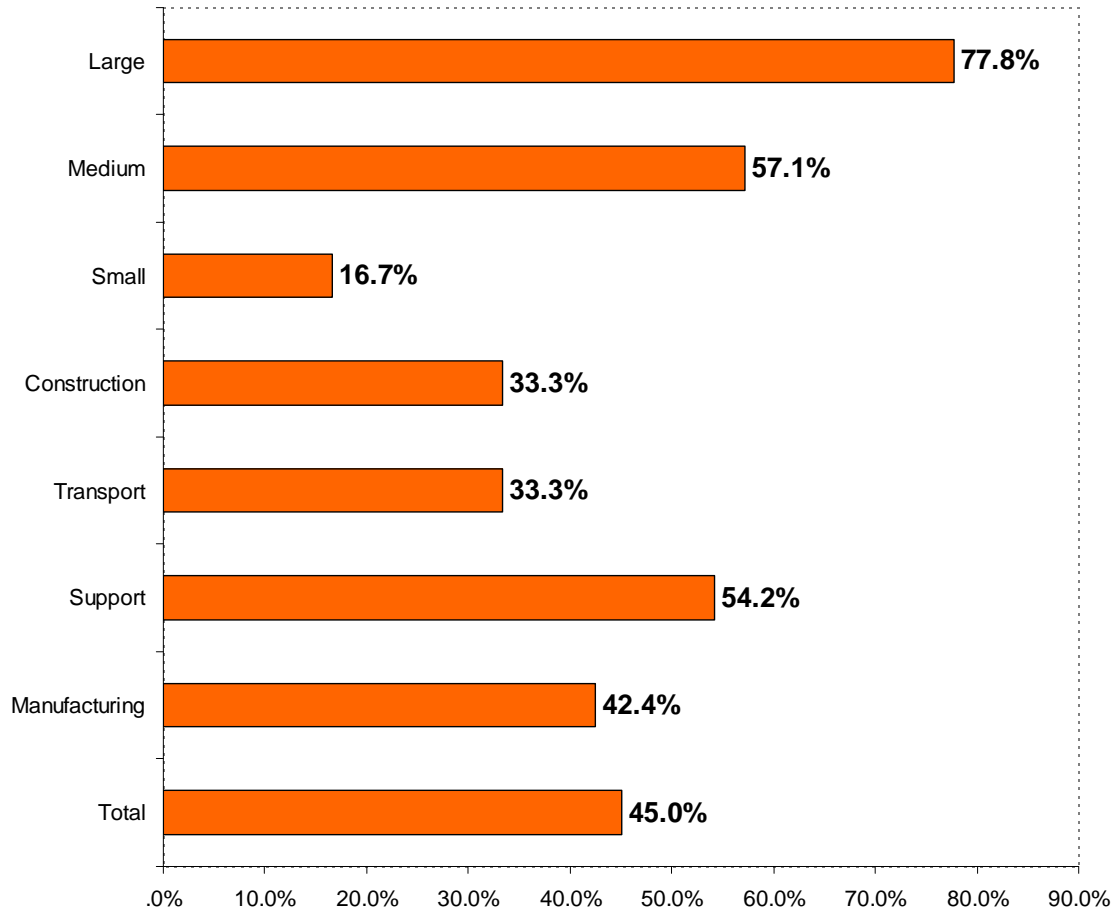


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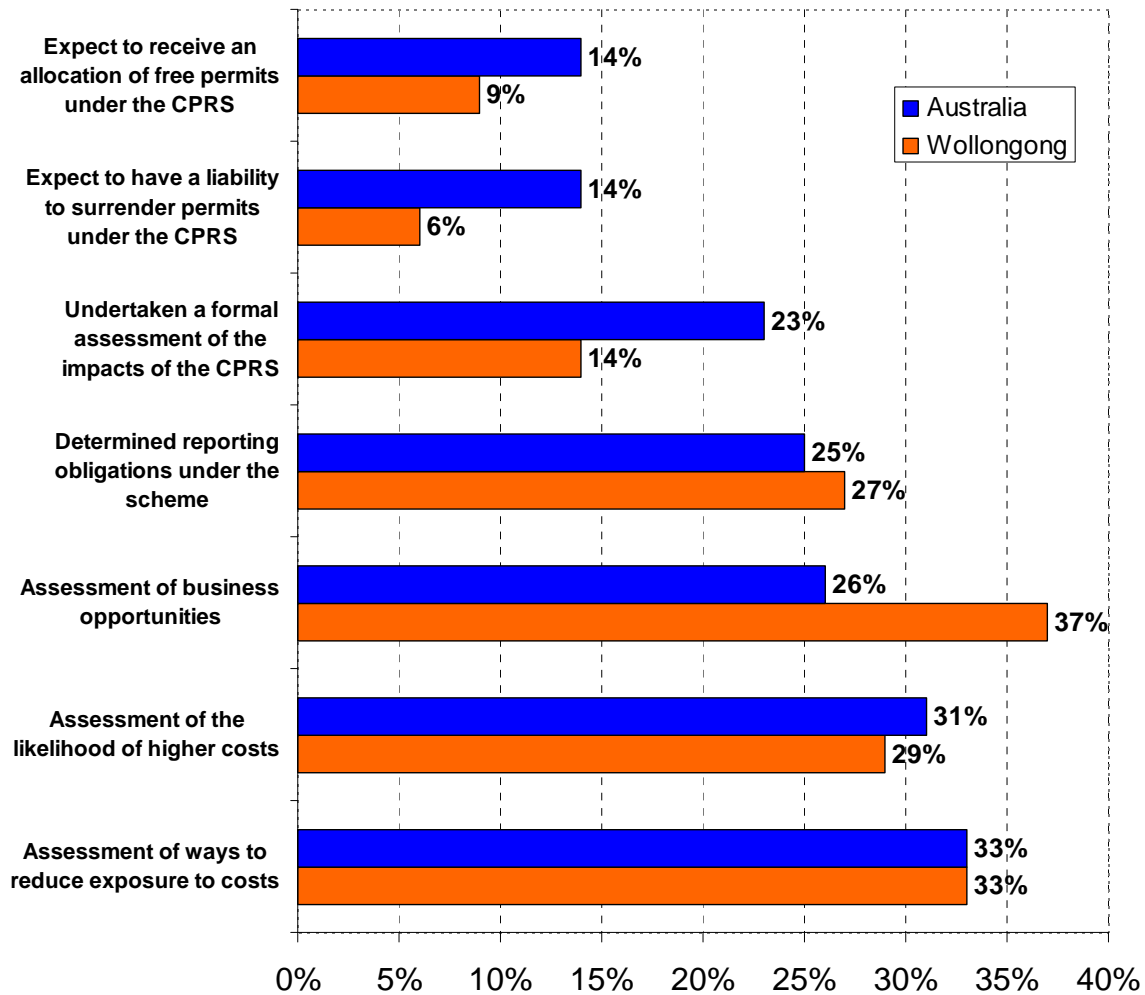


Taken Steps to become better informed.....



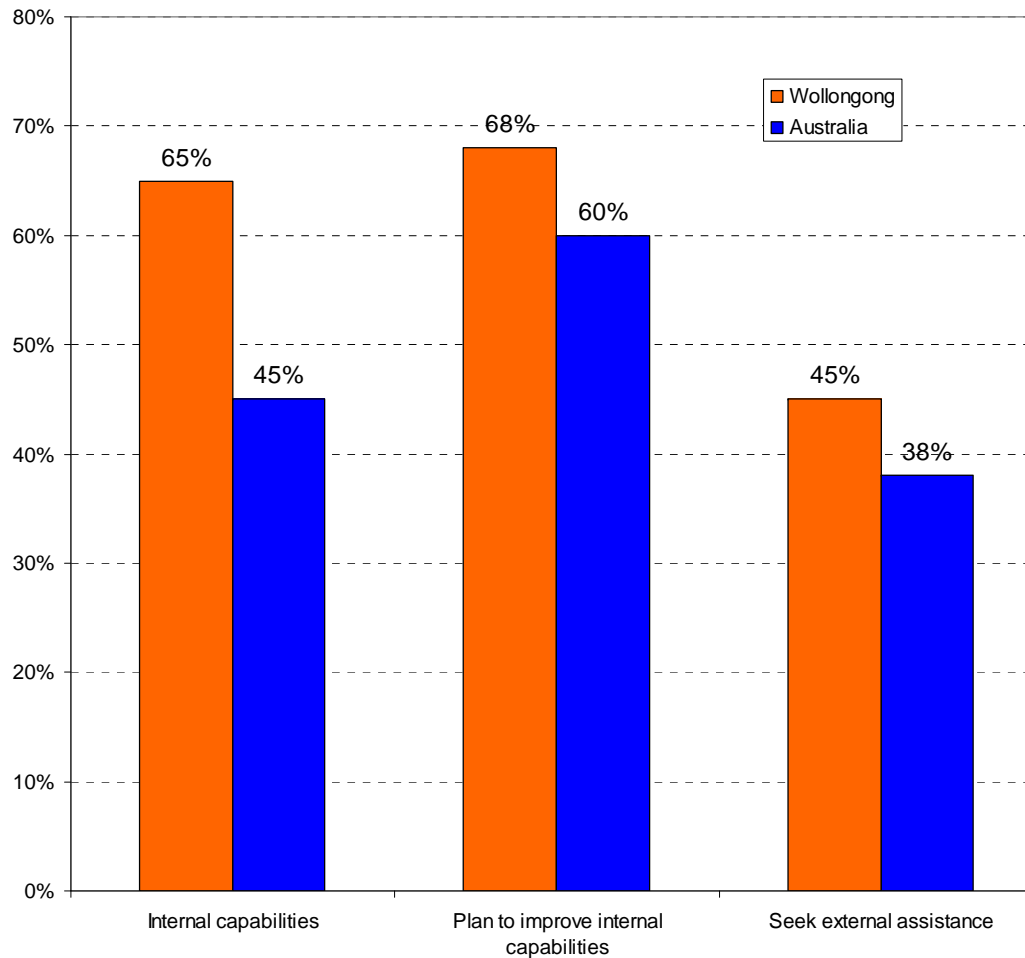


Preparedness for the CPRS



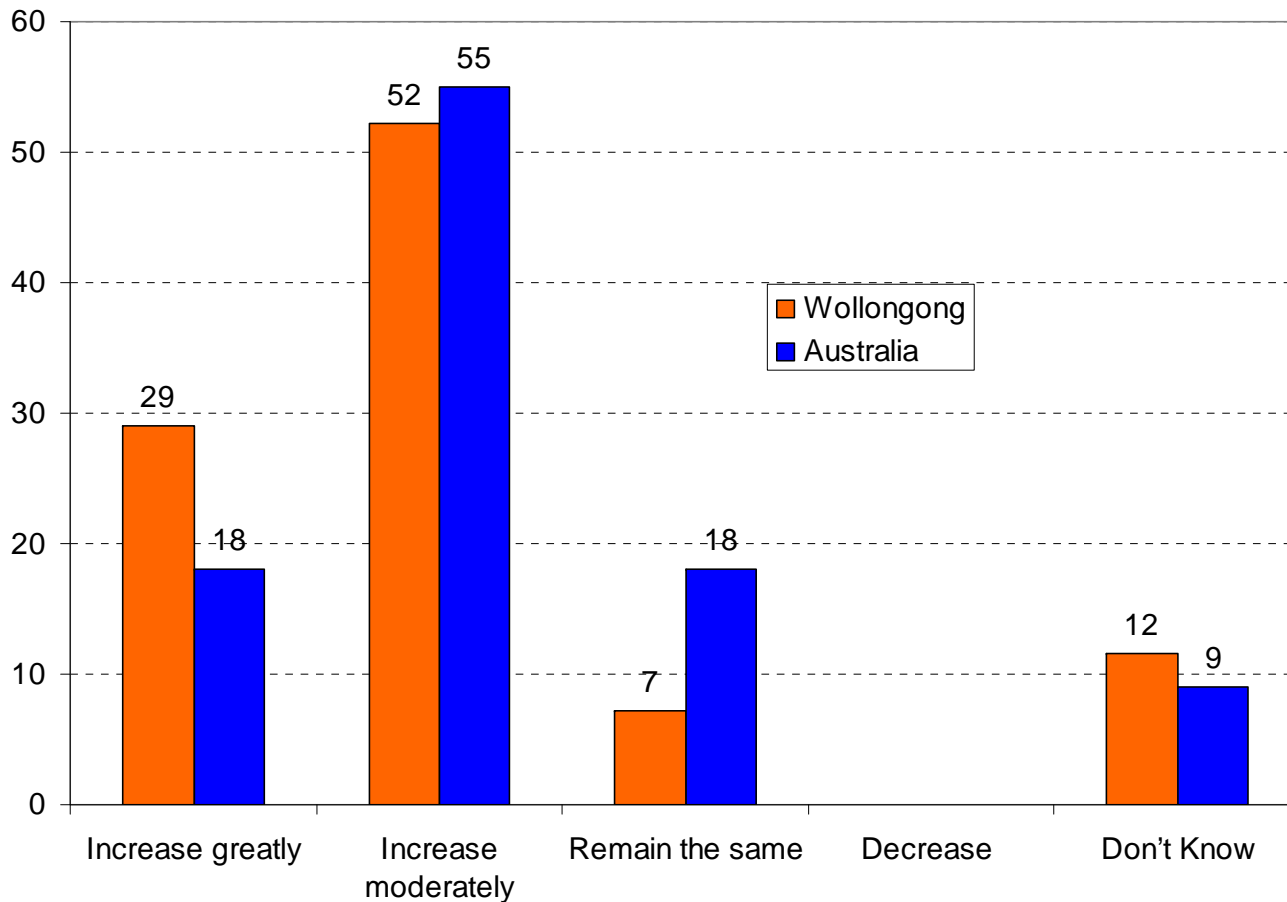


Skills and capabilities for dealing with CPRS



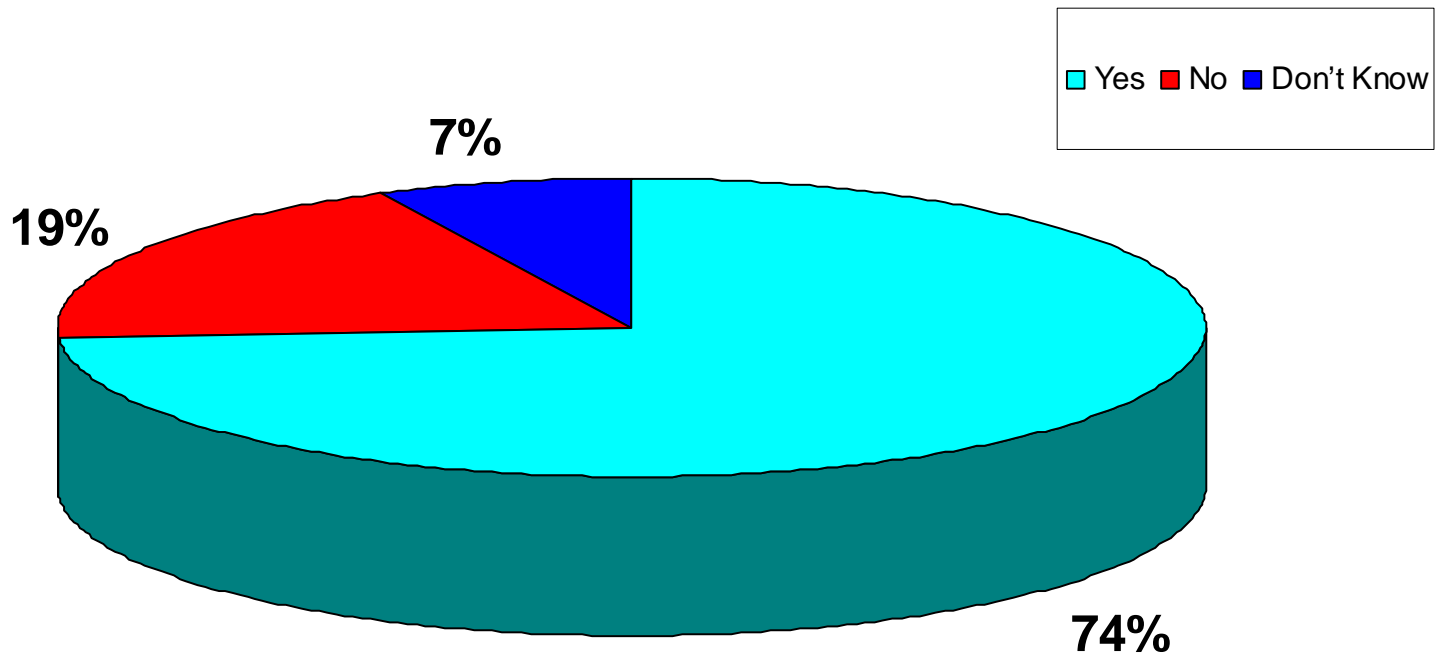


Cost of Regulatory requirements over next 3 years





Delay passage of legislation





Summary

- **Estimated 30% of GRP impacted by CPRS. (NSW 21%)**
- **Manufacturing and mining - significant employment and household income multiplier effects**
- **One in two firms in the survey target sectors don't have any current intentions to measure their carbon footprint**
- **One in three firms have already taken steps to reduce carbon emissions**
- **80% have no plans to undertake any activities to manage carbon emissions of suppliers**
- **Low awareness amongst respondents of the measures proposed for the CPRS**
- **Majority have not undertaken any planning to prepare for the CPRS**