

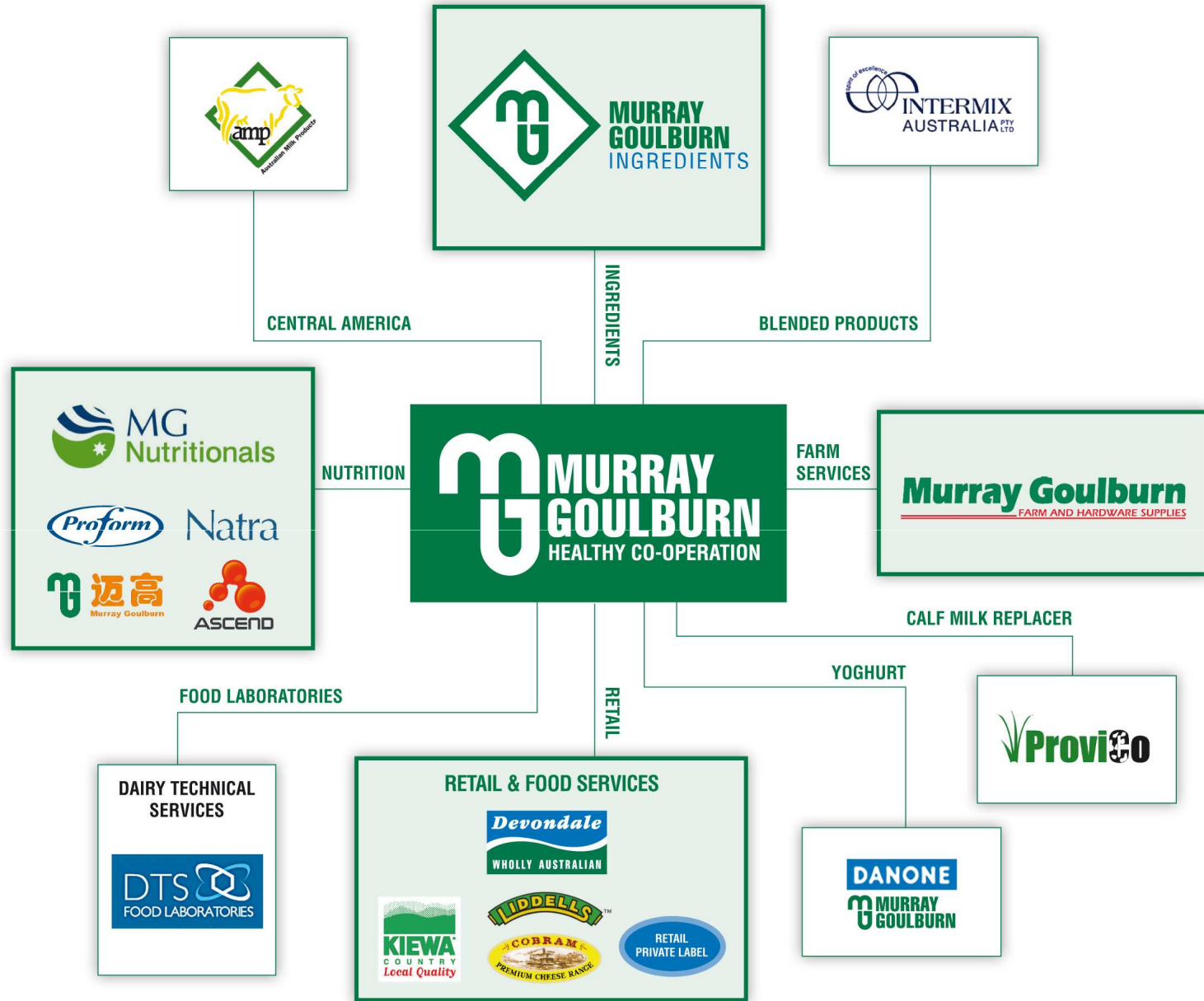
Climate Change Adaptation Project

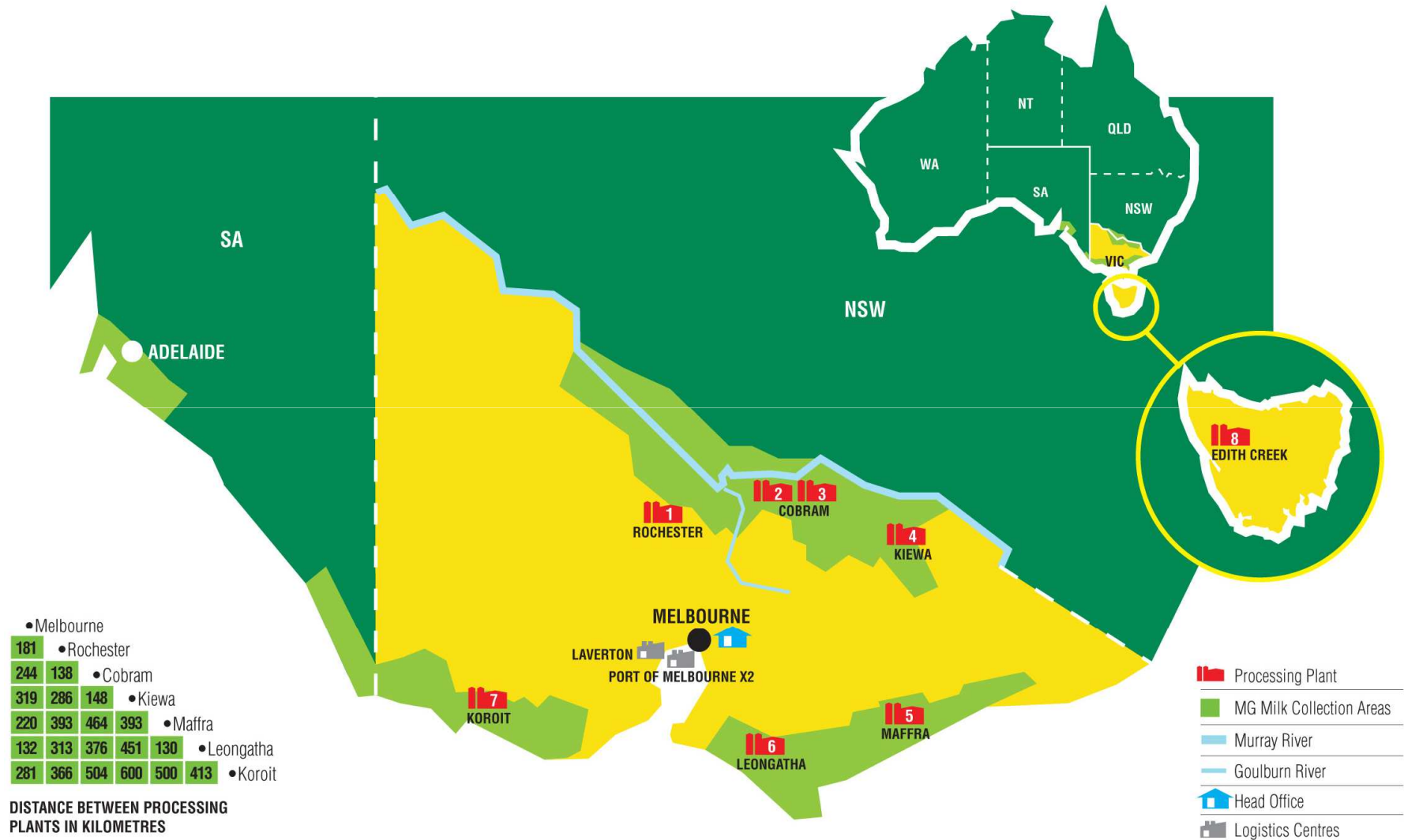
Patten Bridge - General Manager, Sustainability



Healthy co-operation.
It's good for everyone.







Climate change projections indicate the Cobram region will become hotter, drier and stormier .

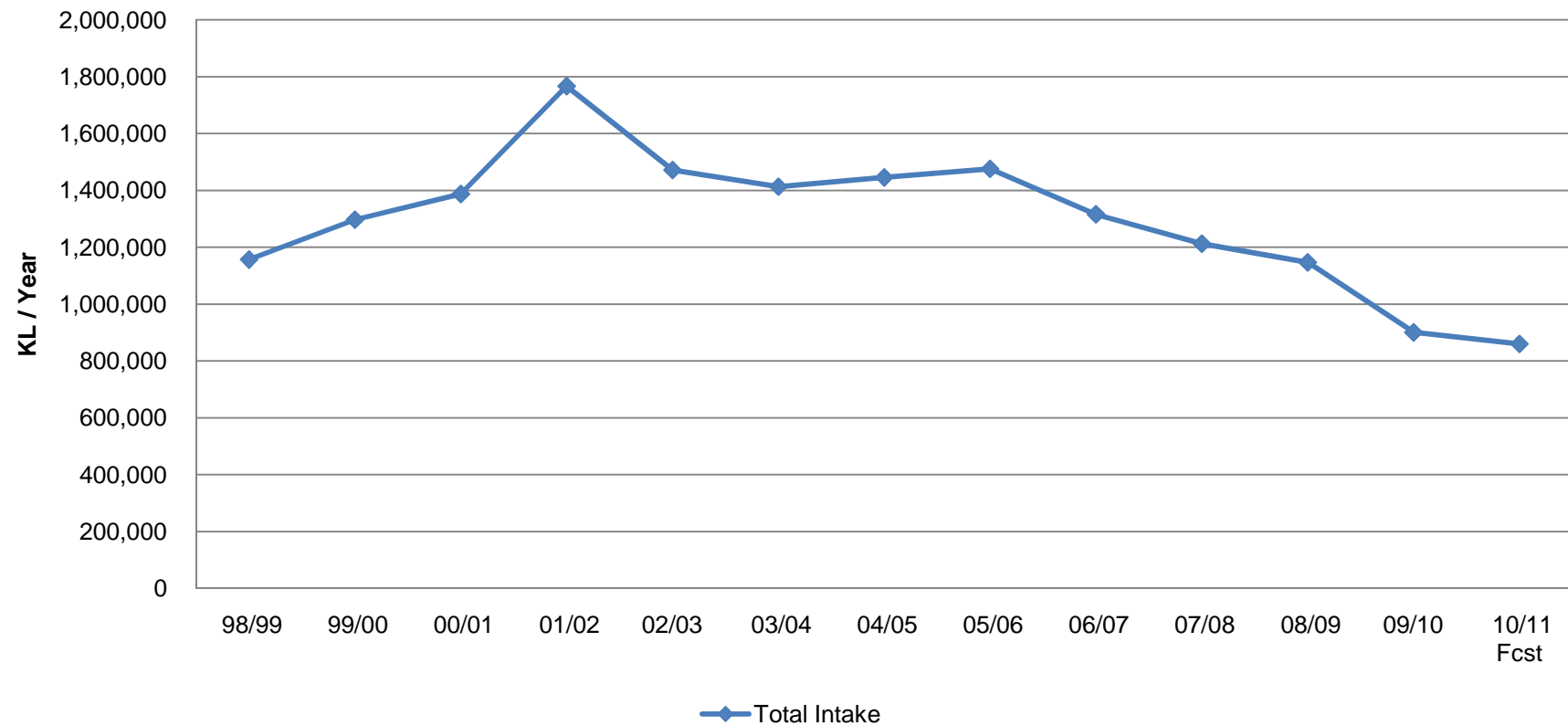
- less average rainfall
- longer and more severe droughts
- higher storm rainfall intensities
- higher extreme temperature and longer periods of extreme temperature
- many more days of extreme bushfire risk
- less frosts and cold nights
- more intense localised storms (wind, hail, lightning).



FARM

NON-FARM

Total Intake - MG Farms, Northern Victoria



Murray Goulburn - Cobram Branch

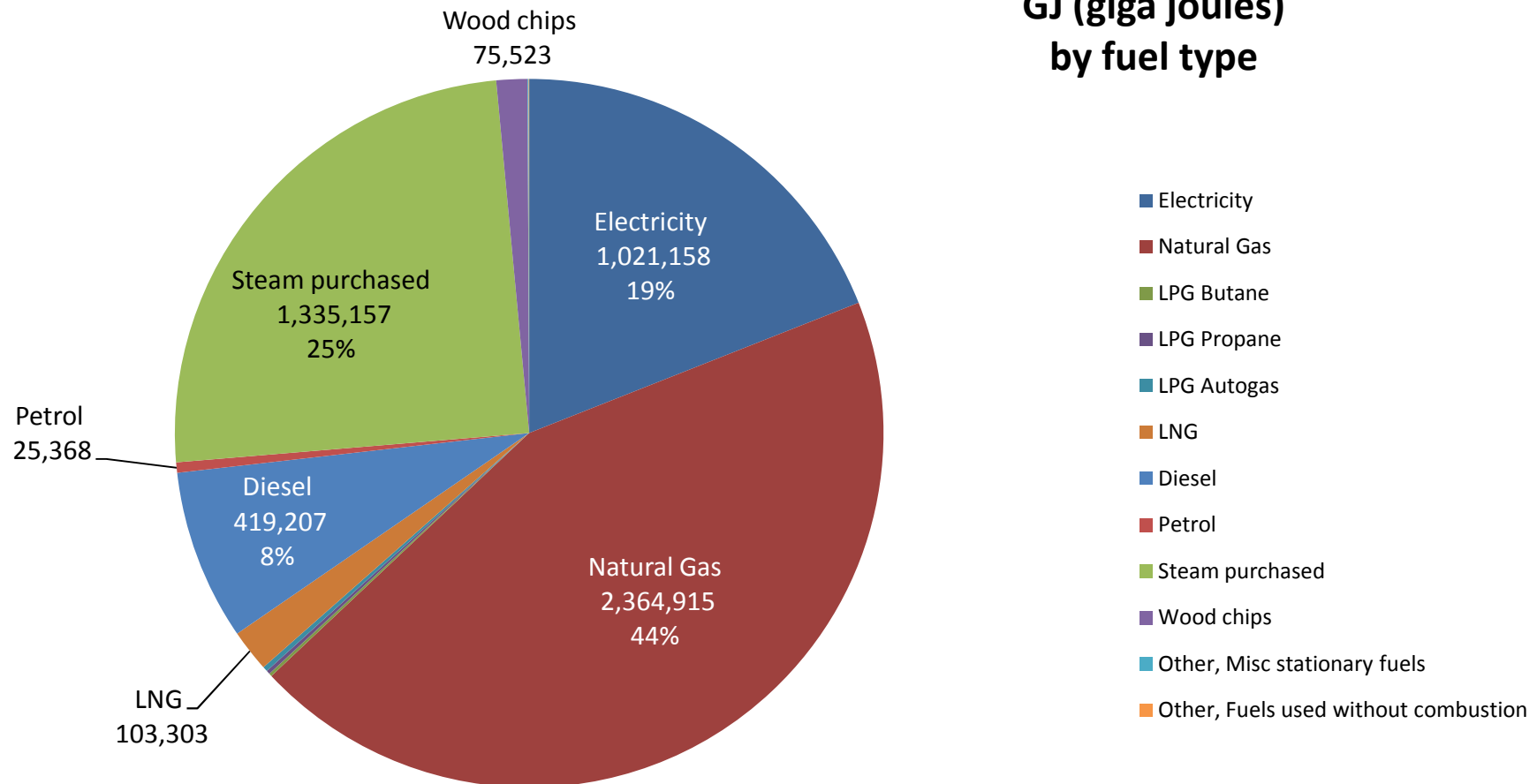


Healthy co-operation. It's good for everyone.

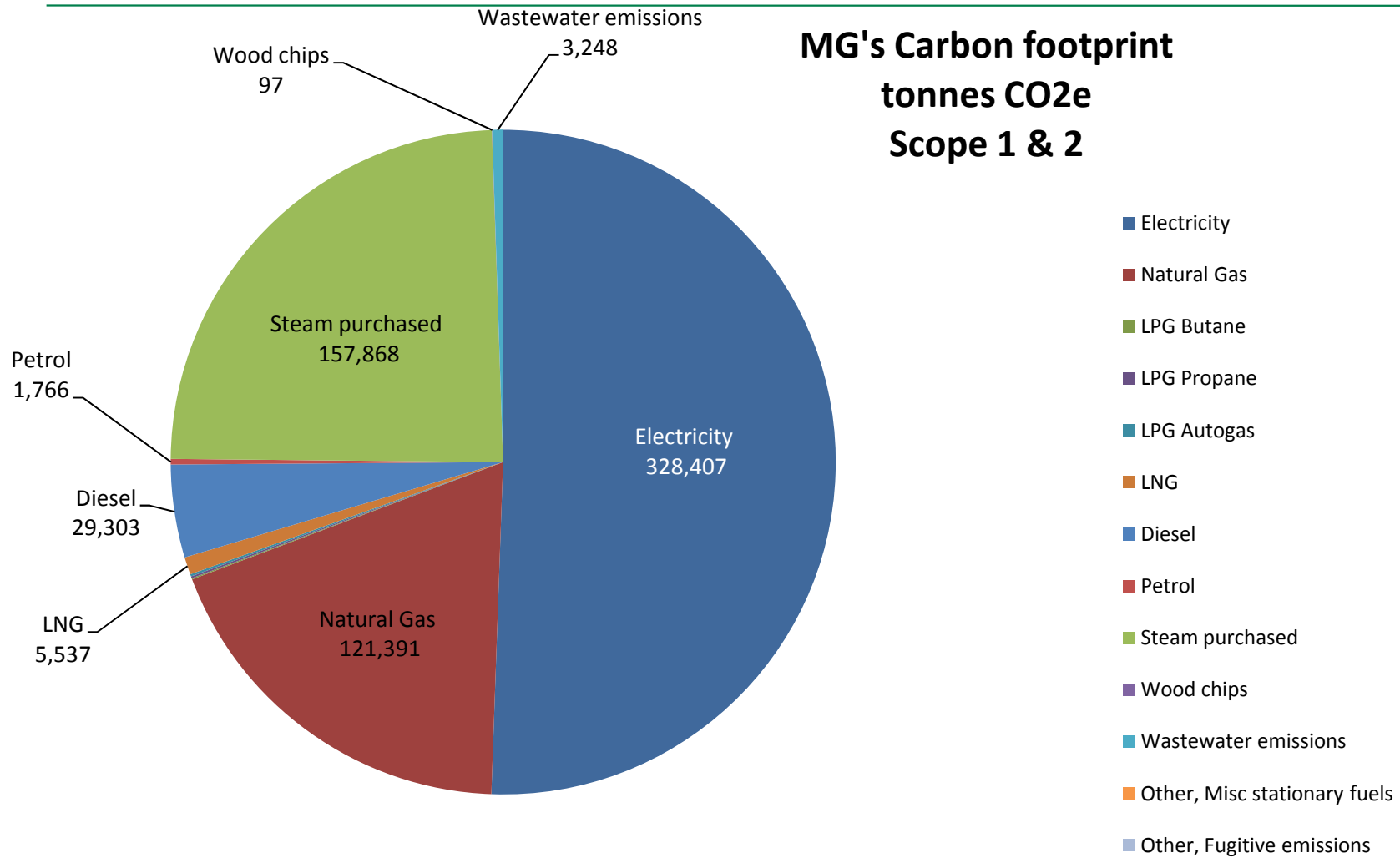


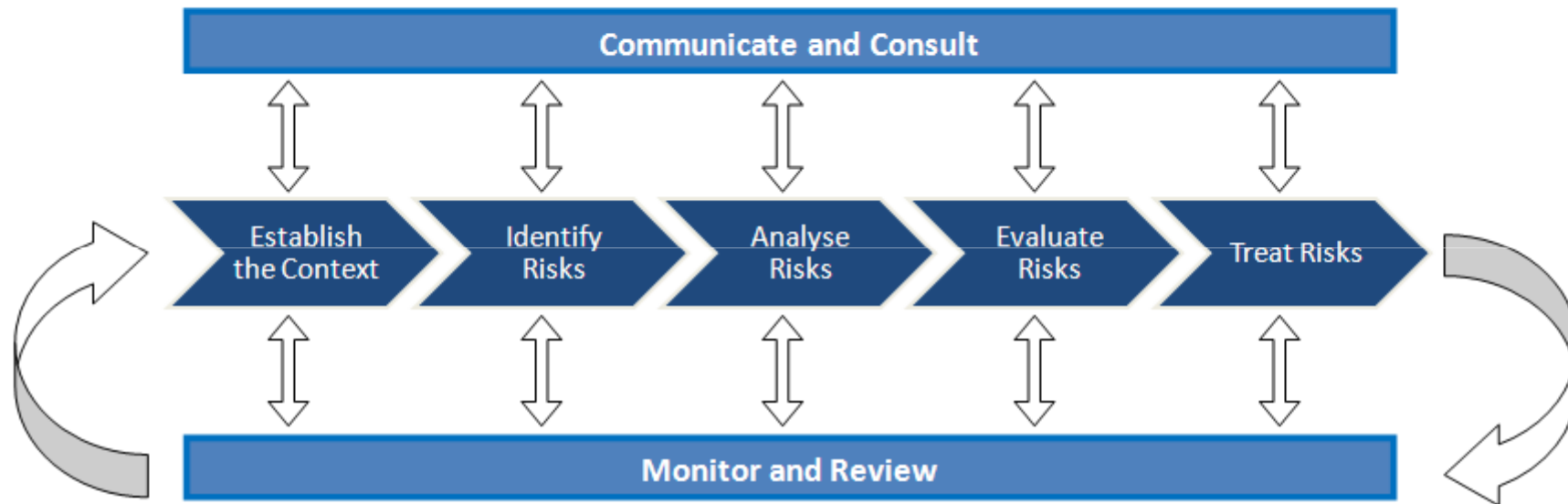
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MG's Energy Consumption GJ (giga joules) by fuel type



MG's Carbon footprint tonnes CO₂e Scope 1 & 2





Risk priority matrix							
Likelihood	Almost certain	5	Medium-9	Medium-6	High-4	Extreme-3	Extreme-1
	Likely	4	Low-5	Medium-7	High-5	High-2	Extreme-2
	Possible	3	Low-6	Medium-8	Medium-4	High-3	High-1
	Unlikely	2	Low-7	Low-3	Medium-5	Medium-3	Medium-1
	Rare	1	Low-8	Low-4	Low-2	Low-1	Medium-2
			1	2	3	4	5
			Insignificant	Minor	Moderate	Major	Catastrophic
			Consequence				

Examples of Adaptation Actions

- Upgrade the main power line to Cobram
- Develop long term energy provision strategy (eg. co- gen, renewables etc.)
- Work with GVW to increase filtration capacity for potable water
- Policy development with employees and suppliers around business continuity
- Research around enzyme based cleaners to lower conductivity of waste water
- Improve capacity of electrical switchboards and refrigeration cooling systems
- Review stormwater/ flood mitigation capabilities and upgrade as required

Where have we got to?

- Identification of a method to incorporate climate change into our planning frameworks
- Initial strategy outline for three key areas – Water, Energy and Extreme Weather Events
- Nominated issue owners and targeted outcomes
- Commitment to review progress as part of our planning cycle

Thank you



MURRAY GOULBURN
INGREDIENTS



Murray Goulburn
FARM AND HARDWARE SUPPLIES



Natra



Healthy co-operation. It's good for everyone.