



Australian Government

Department of the Environment and Energy

Understanding Australia's Historical and Projected Emissions

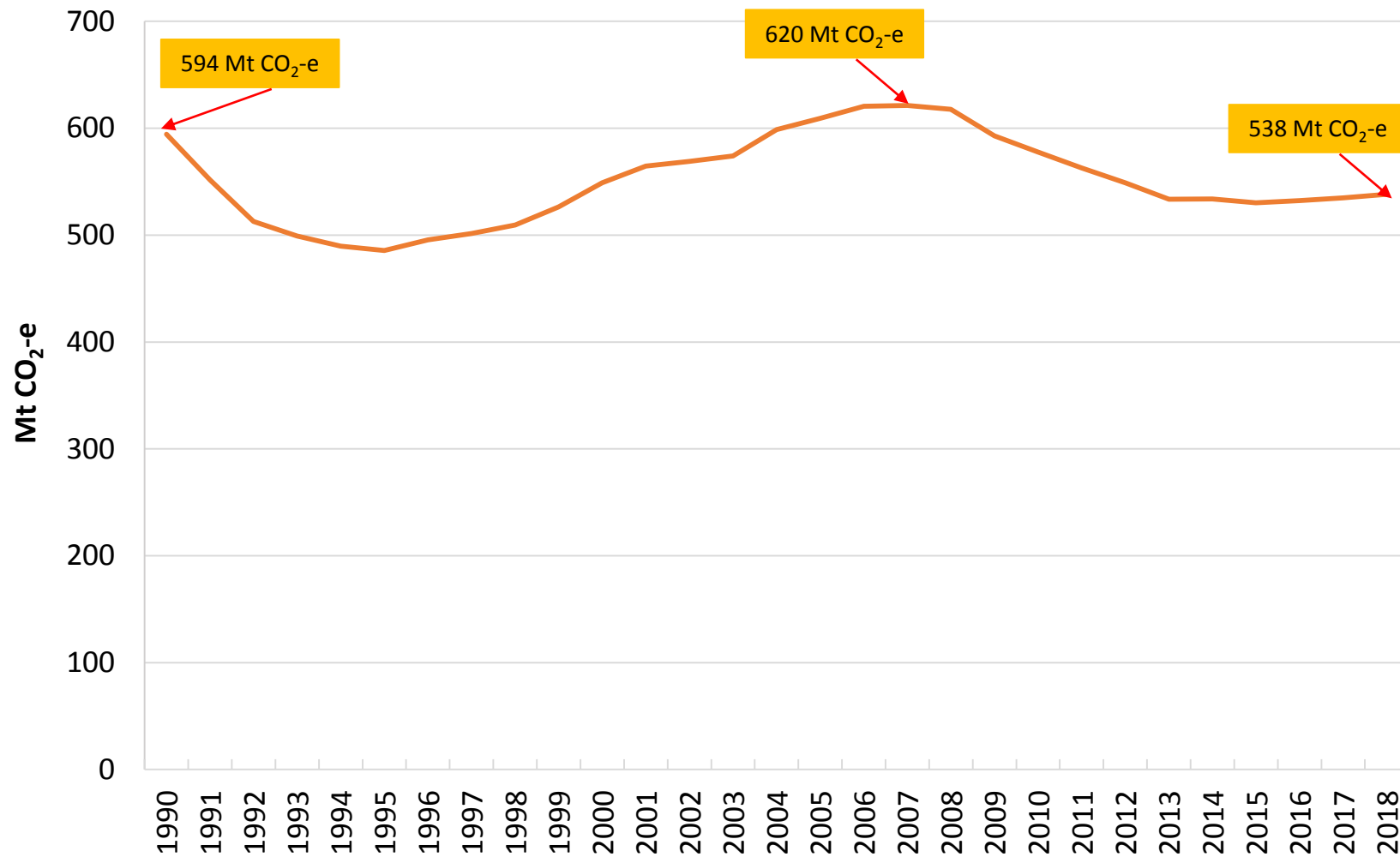
31 July 2019



1. Australia's inventory

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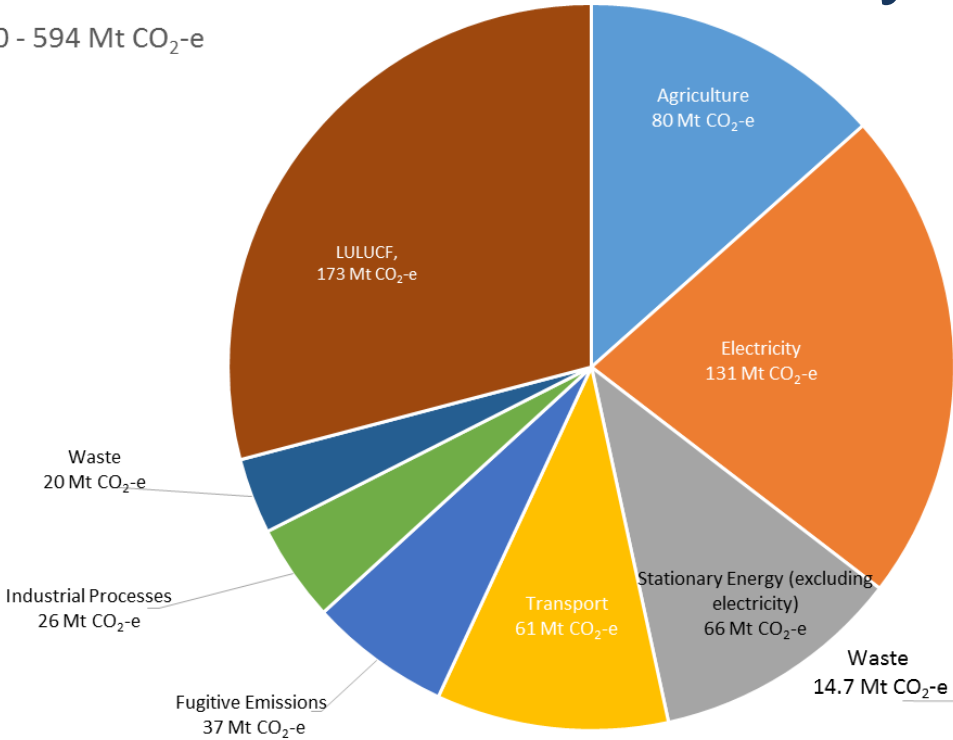


2. Australia's inventory – Sectoral changes

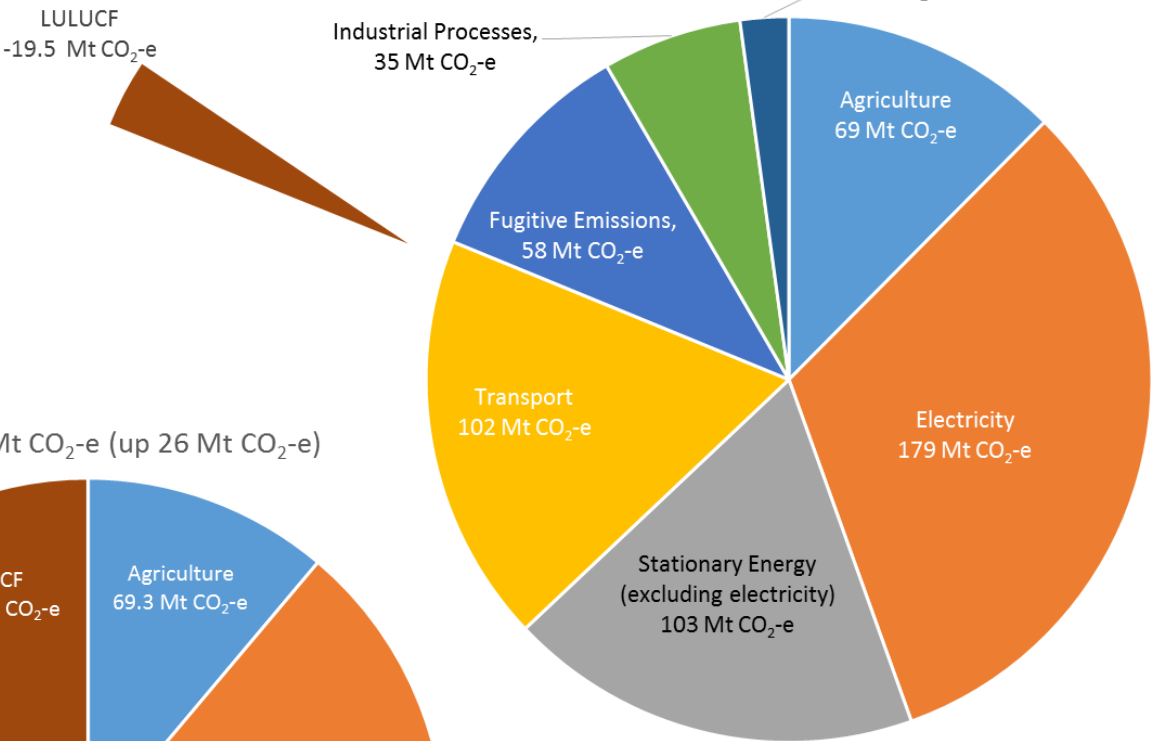
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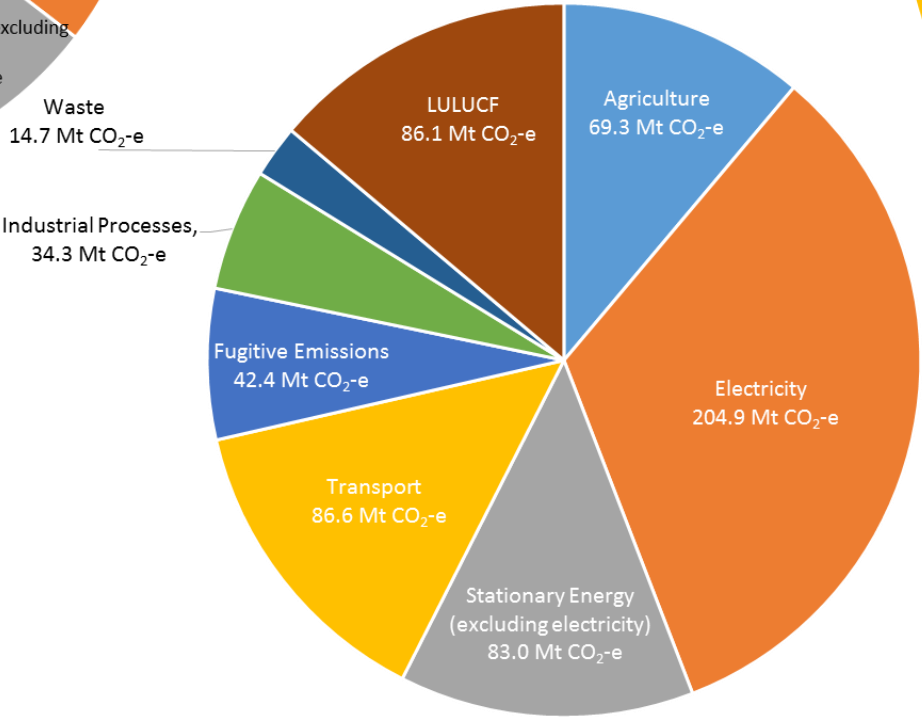
1990 - 594 Mt CO₂-e



2018 - 538 Mt CO₂-e (down 56.2 Mt CO₂-e)



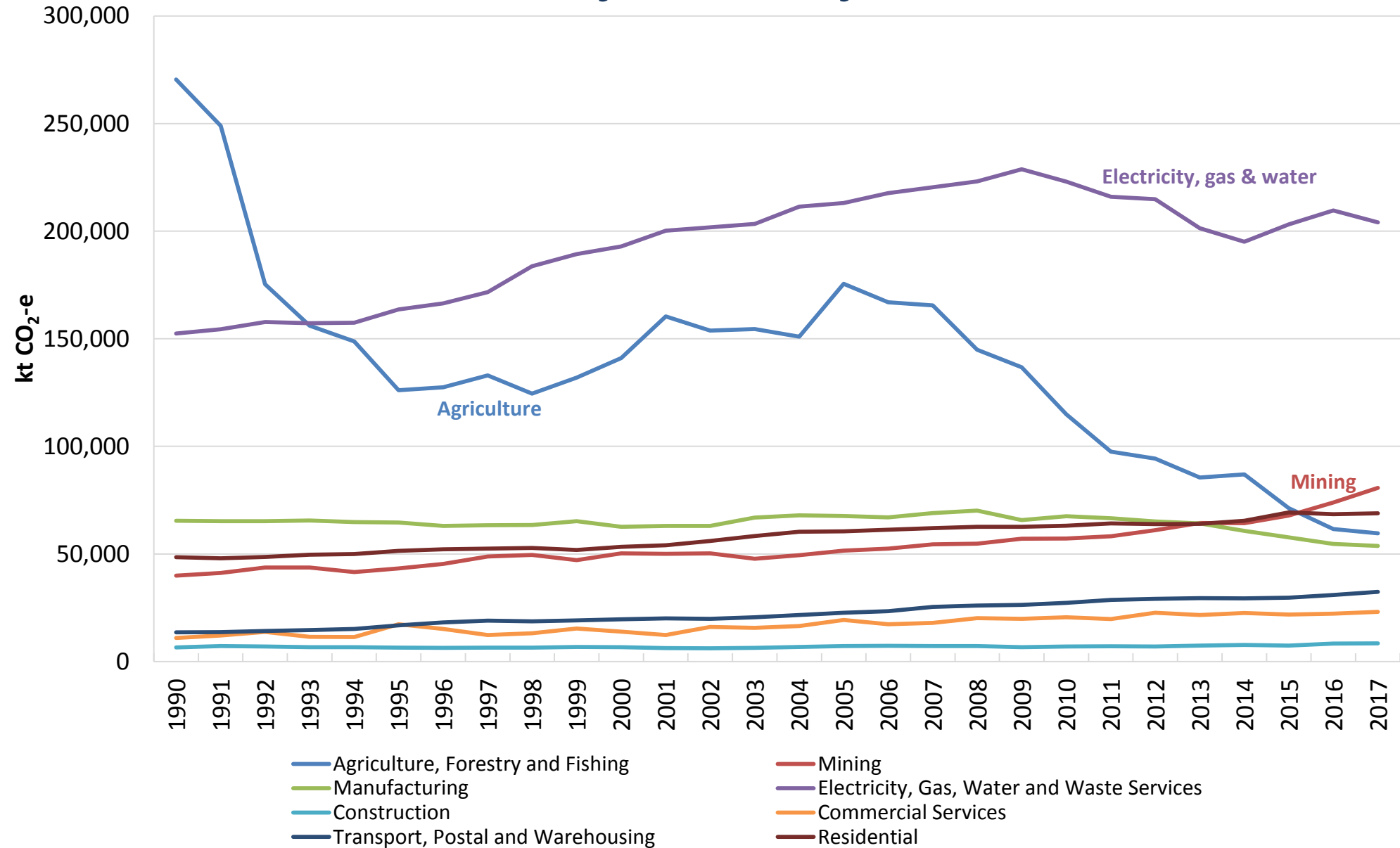
2007 - 620 Mt CO₂-e (up 26 Mt CO₂-e)



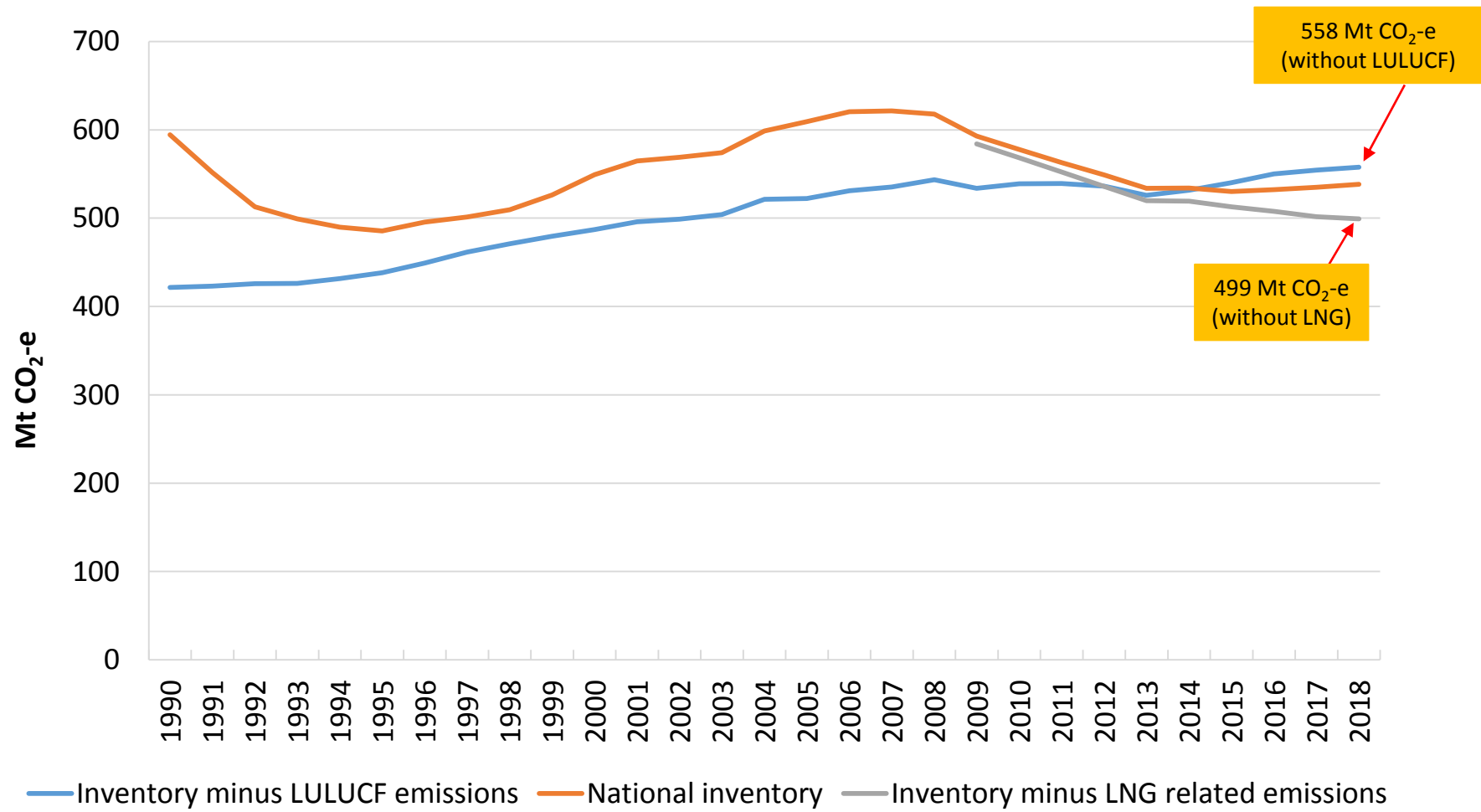
3. Australia's emissions by industry

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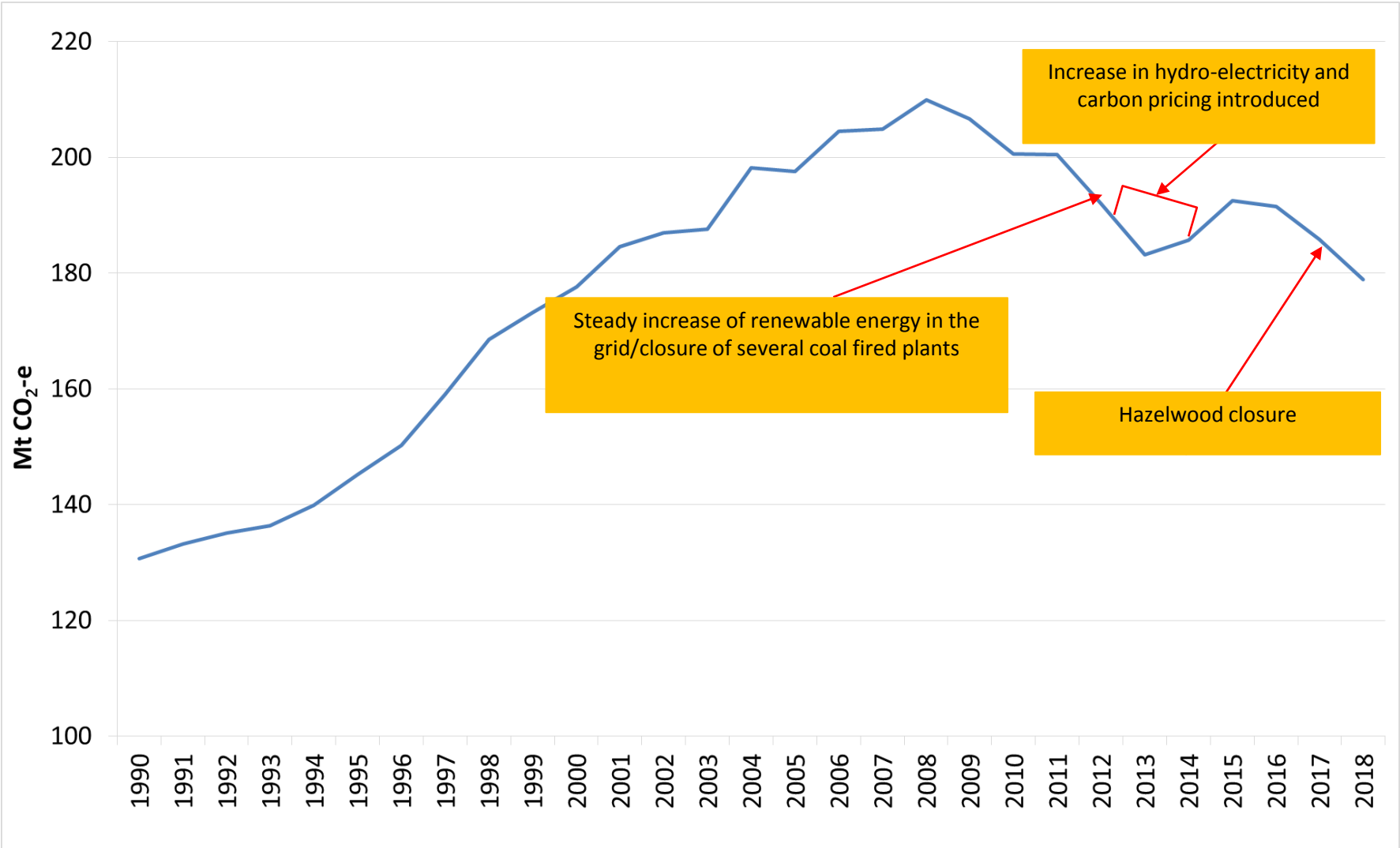
4. Australia's inventory with and without LNG and LULUCF emissions



5. Electricity sector

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Electricity emissions

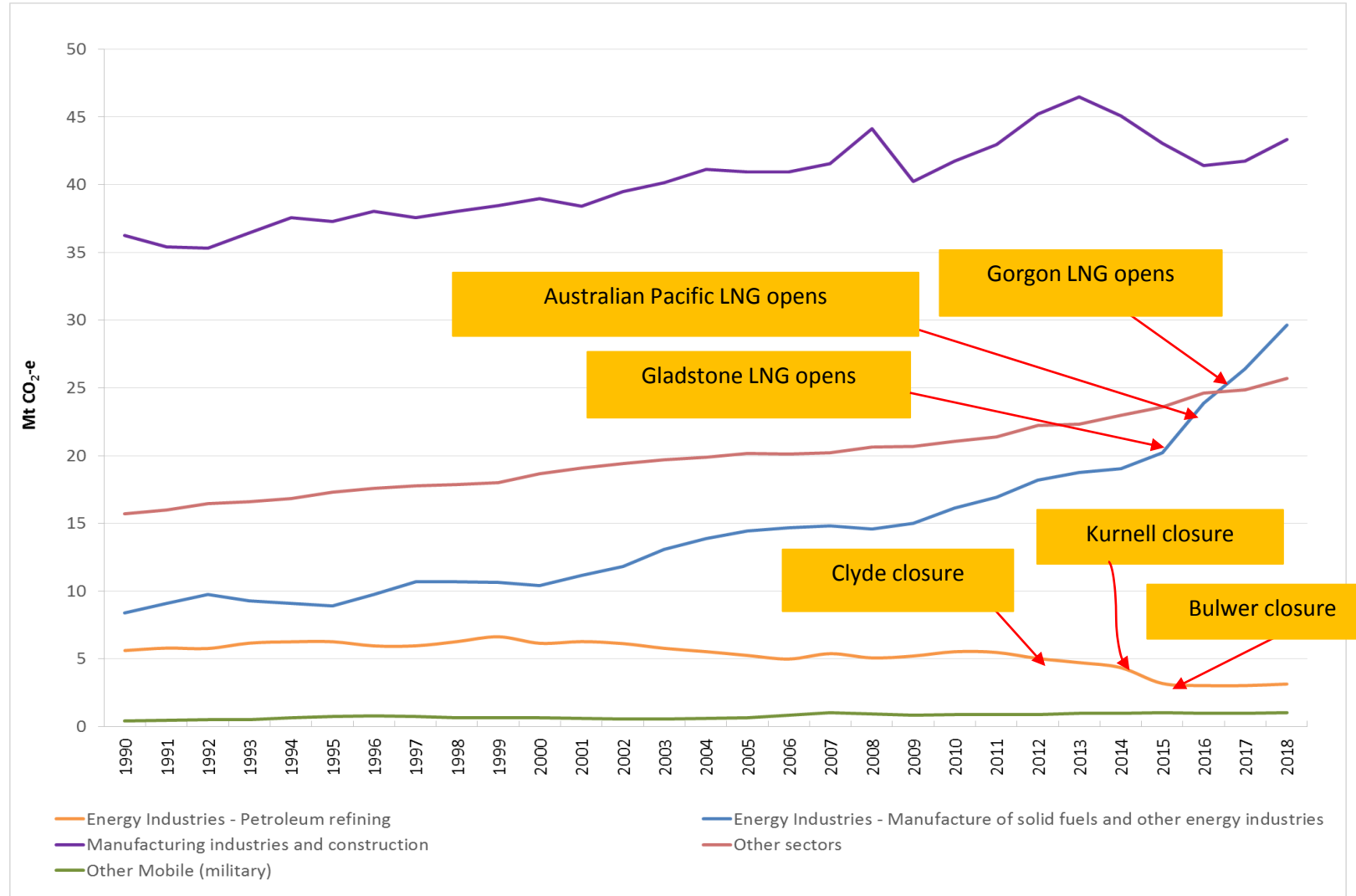


6. Stationary energy

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Stationary energy (excluding electricity) emissions by sub-sector

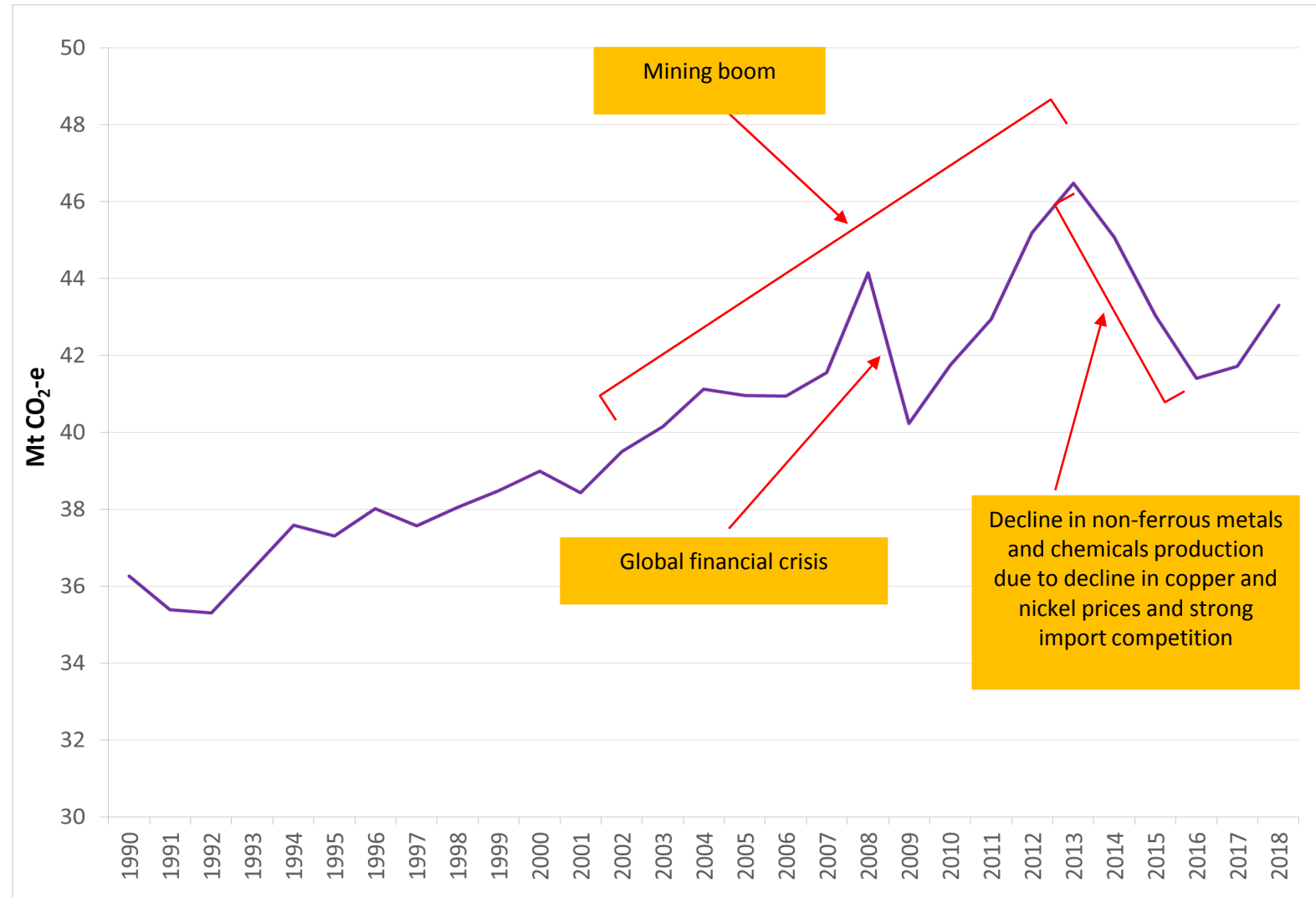


7. Manufacturing and construction

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Emissions from manufacturing industries and construction

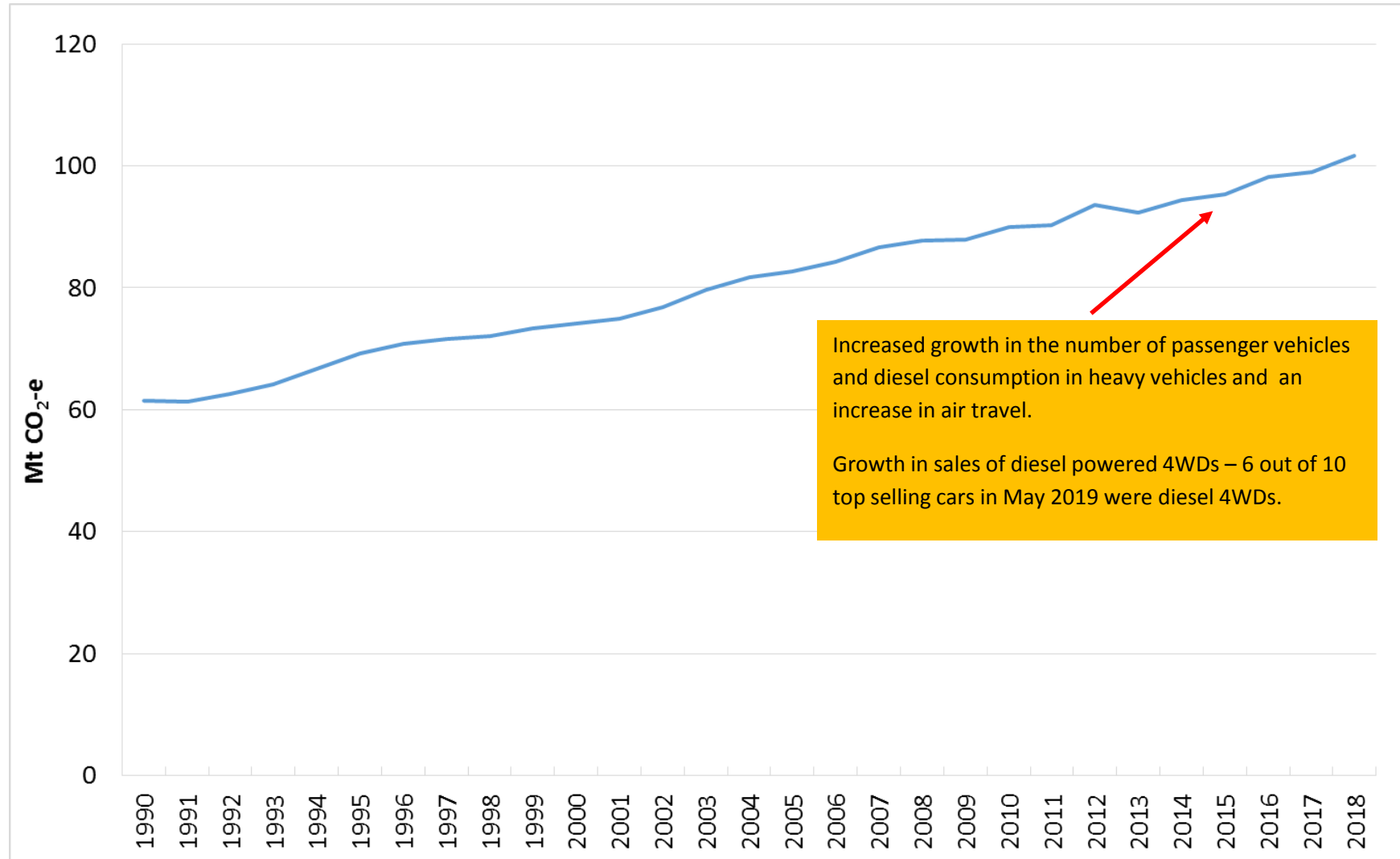


8. Transport

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Transport emissions

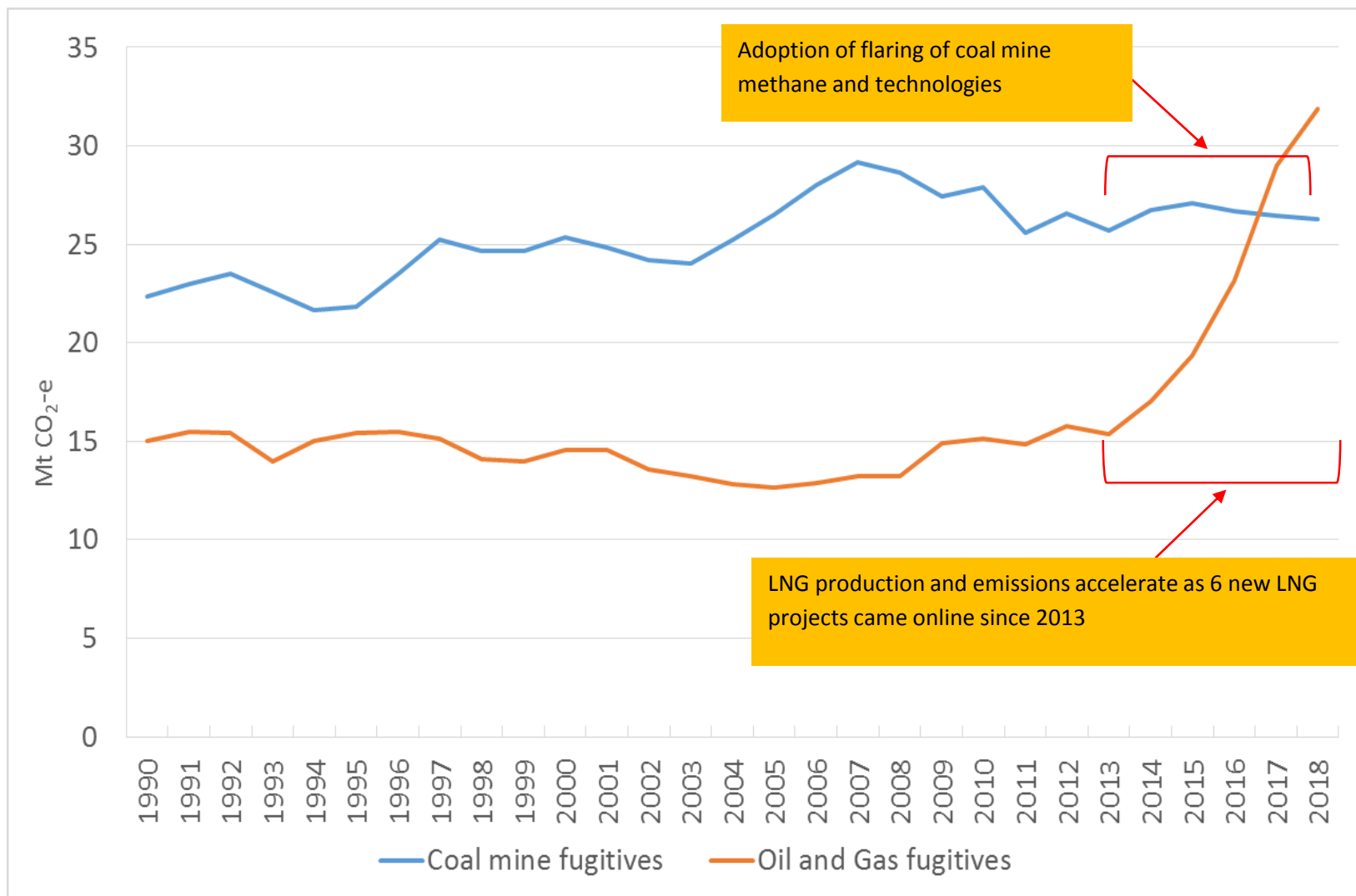


9. Fugitive emissions

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Fugitive emissions sources

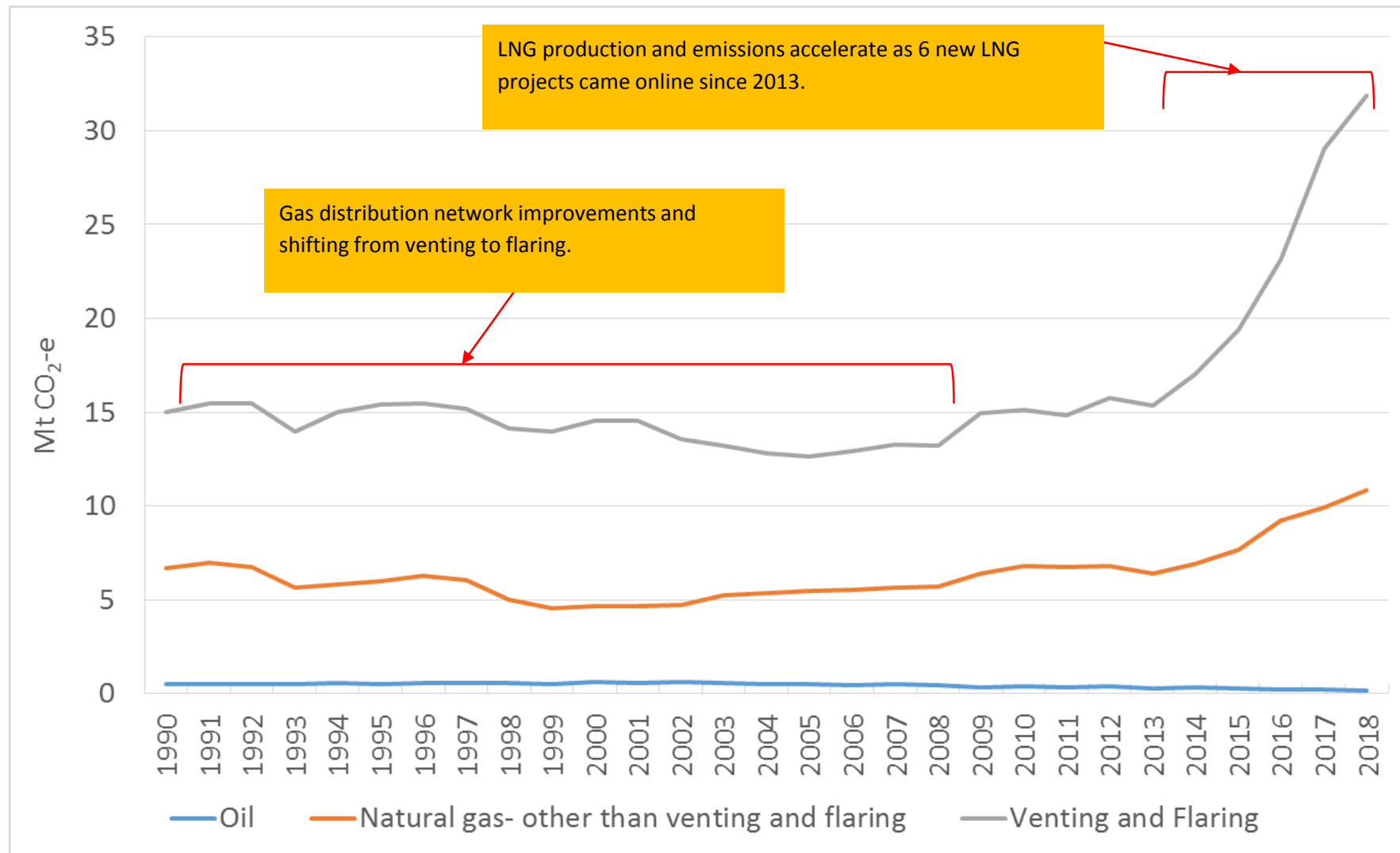


10. Oil and gas fugitive emissions

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Oil and gas fugitive emissions

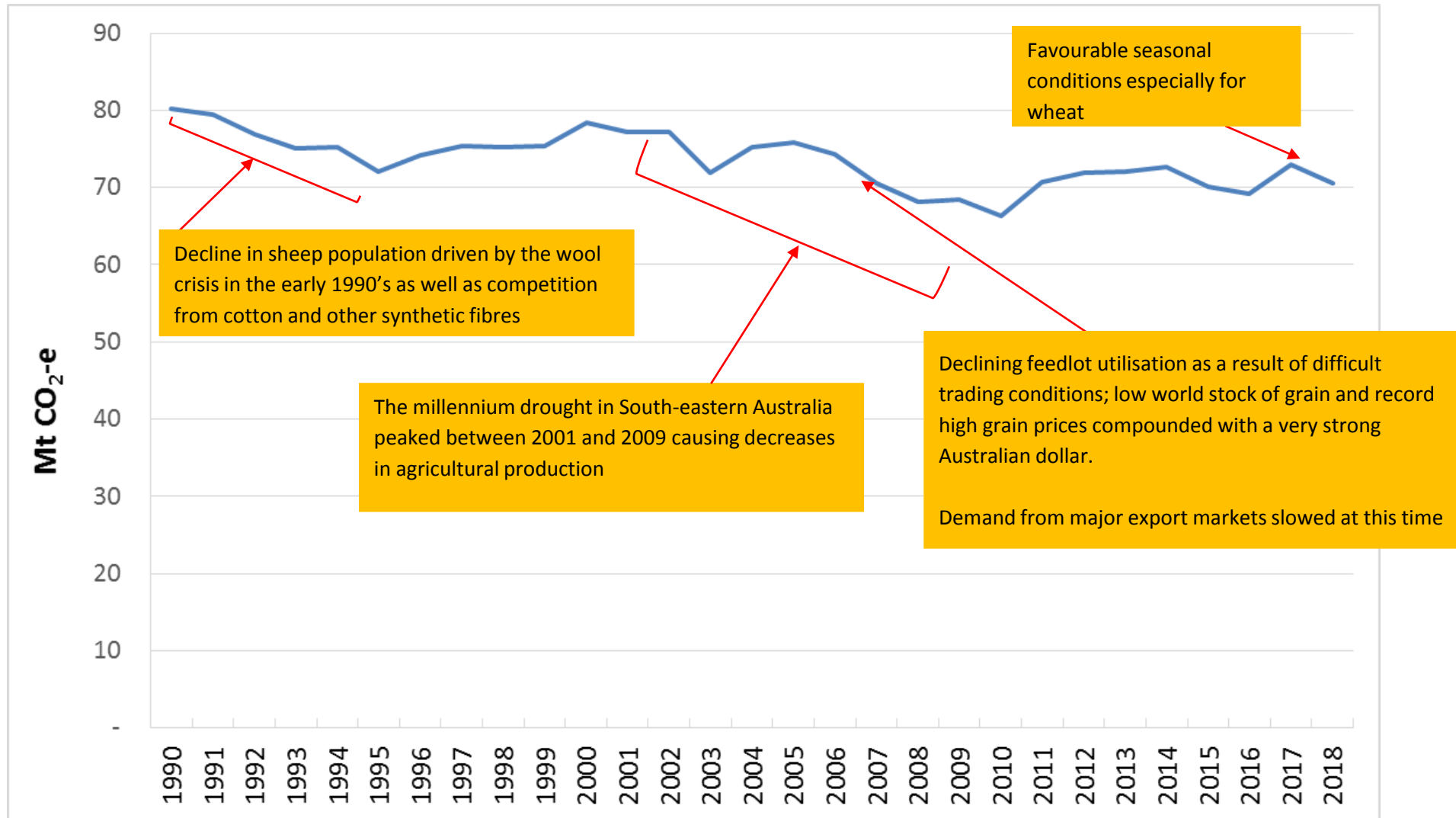


11. Agriculture

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Emissions from agriculture

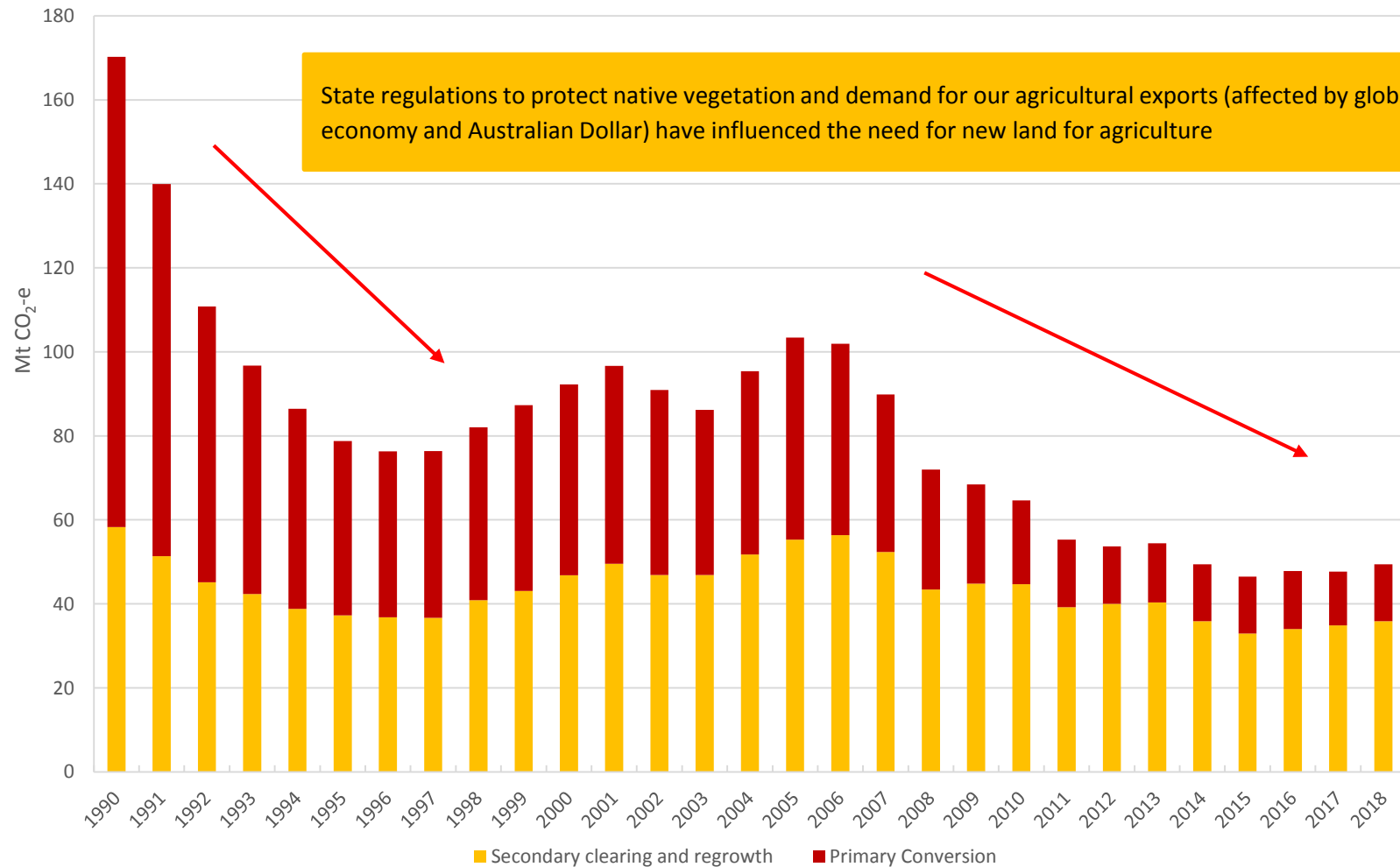


12. Land clearing

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Total emissions from land clearing (source)

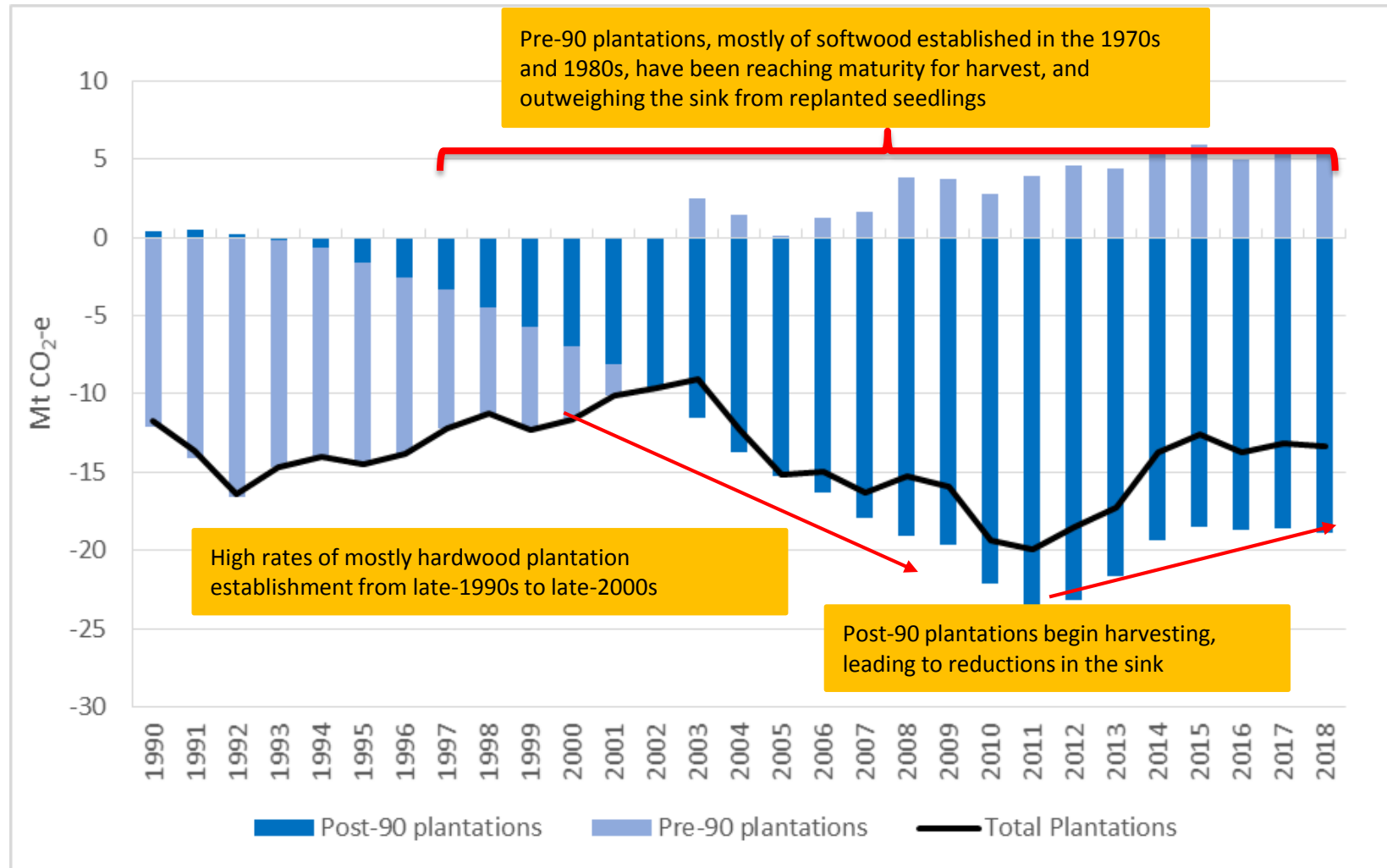


13. Plantations

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Emissions from plantations (sink)



15. Tracking against emissions targets

2020 target¹

	point target				2013-2020 emissions budget (Mt CO ₂ -e)			
	2000	2018 actuals	2020 (projected)	2020 target	emissions budget	emissions (projected)	balance	final emissions balance including overachievement
Mt CO ₂ -e	536	538	540	509	4,488	4,269	-219	-367
% change on 2000		0.4%	0.7%	-5%				

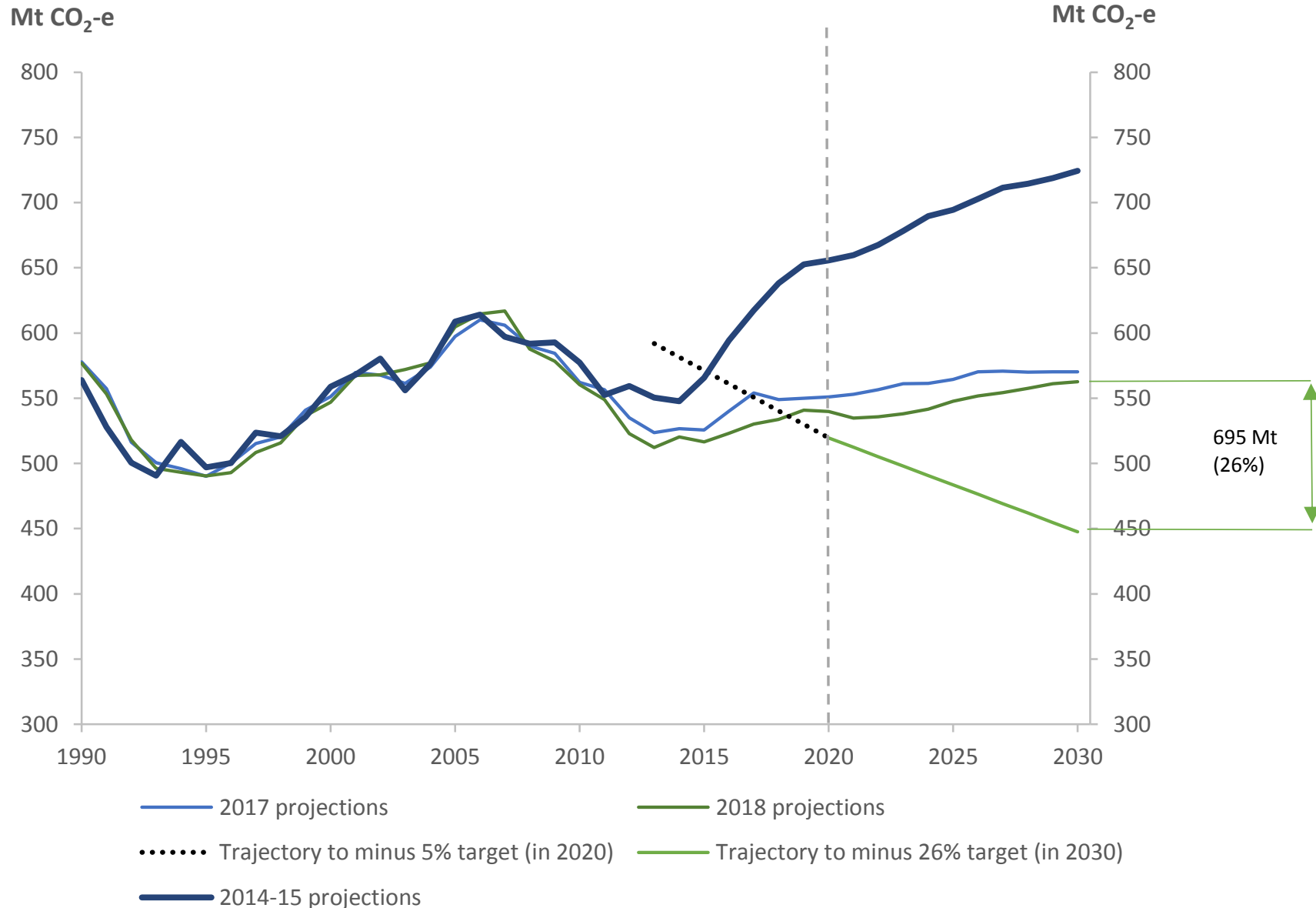
2030 target¹

	point target				2021-2030 emissions budget (Mt CO ₂ -e)			
	2005	2018 actuals	2030 (projected)	2030 target	emissions budget	emissions (projected)	balance	final emissions balance including overachievement ²
Mt CO ₂ -e	611	538	563	452	4,800	5,487	695	328
% change on 2005		-11.9%	-8%	-26%				

Notes:

- Figures under 'point target' are based on the December 2018 Quarterly Inventory. Figures indicated as 'projected' and figures under 'emissions budget' are based on Australia's Emissions Projections 2018 (December 2018).
- Does not include the Climate Solutions Package

17. Australia's emissions projections



22. EITE emissions

