



Australia country update

IEA Task 39 Meeting

19 April 2021

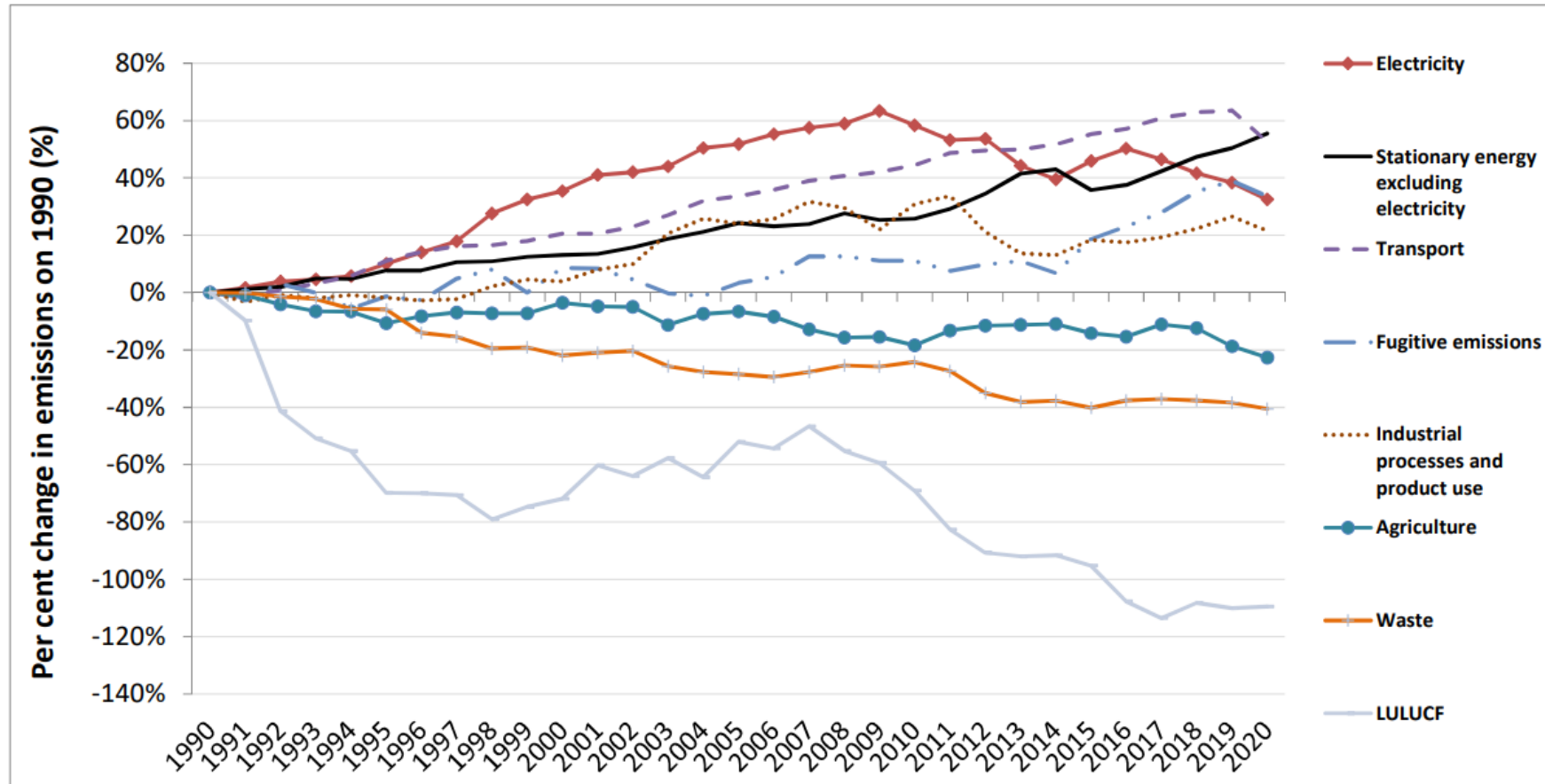
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Australia Summary

- Australia's GHG emissions have declined 16.7% since the peak in 2007.
- In the year to March 2020, emissions were at their lowest levels in 30 years
- Emissions per capita remain the highest in the OECD
- The transport sector is responsible for 18.9% of national emissions and continues to increase.
- Only 2 states have biofuels mandates – NSW not enforced
- Biofuels use declining, the current production of ethanol and biodiesel in Australia constitutes only about 1% of the overall national consumption of petrol and diesel
- Biofuels are not currently included in any National Renewables Policy and whilst there is a federal biofuels incentive scheme, there is no federal biofuels policy and this is left to the States.
- Majority of Bio-diesel/HVO feedstocks exported for use in EU or California
- Exxon-Mobil refinery due to close in August, BP refinery also closed leaves 2 refineries with Ampol refinery closure anticipated - will leave one operational refinery
- The Australian Government provides grants for R&D programmes in the area of renewable energy technologies, and invests in related R&D and early stage commercialisation.

Australian GHG by sector

Figure 5: Percentage change in emissions, by sector, since year to September 1990



Source: Department of Industry, Science, Energy and Resources

Only 2 ethanol plants and 3 bio-diesel plants remaining-just

Table 8. Operating Commercial Biofuels Plants in Australia

Name of company	Location	Type	Feedstock	Production Capacity (ML/year)	Production (ML/year)
Manildra Group	Bomaderry NSW	Ethanol	Waste Starch	300	300
Wilmar Sucrogen	Sarina Queensland	Ethanol	Sugarcane	60	60
Biodiesel Industries Australia	Maitland	Biodiesel	Used Cooking Oil, Vegetable Oil	20	1
Ecotech Biodiesel	Narangba Queensland	Biodiesel	Tallow, Used Cooking Oil	30	5
Just Biodiesel Barnawartha	Barnawartha Vic	Biodiesel	Vegetable Oil, Tallow, Used Cooking Oil	50-60	20

Source CEFC Figure 8 – updated March 21 <https://www.cefc.com.au/media/402280/biofuels-and-transport-an-australian-opportunity-november-2019.pdf>

Almost 500 ML of idled thanol and bio-diesel capacity

Table 9. Closed or idled plants in Australia

Name of company	Status (planned; operational; closed)	Type	Feedstock	Production Capacity (ML/year)
United Petroleum Dalby BioRefinery	Idled July 2020	Bioethanol	Sorghum	80
ARfuels Barnawatha	Closed 2016	Biodiesel	Tallow, Used Cooking Oil	60
ARfuels Largs Bay	Closed 2016	Biodiesel	Tallow, Used Cooking Oil	45
ARfuels Picton	Closed 2016	Biodiesel	Tallow, Used Cooking Oil	45
Macquarie Oil	Not producing bio-fuels	Biodiesel	Poppy Seed Oil, Waste Vegetable Oil	15
Neutral Fuels	Closed	Biodiesel	Used Cooking Oils	Unknown
Smorgon Fuels – Biomax Plant	Closed	Biodiesel	Tallow, Juncea Oil, Canola Oil	15-100
Territory Biofuels	Closed 2009	Biodiesel	RBD Palm Oil, Tallow, Used Cooking Oil	140

Bioenergy Road map – Expected soon



The Hon Angus Taylor MP
Minister for Energy and Emissions Reduction



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Setting the path for bioenergy as a future energy source

28 April 2020

The Liberal National Government will examine how Australia can build its bioenergy sector to become an increased source of clean energy and potential economic and job creation opportunities.

At the request of the Government, the Australian Renewable Energy Agency (ARENA) has started to develop a Bioenergy Roadmap and now calls for public submissions on how Australia can build its bioenergy sector and strengthen the country's energy security.

Ministers

- [The Hon Christian Porter MP](#)
- [The Hon Angus Taylor MP](#)
- [The Hon Keith Pitt MP](#)
- [The Hon Stuart Robert MP](#)
- [The Hon Michelle Landry MP](#)
- [Senator the Hon Jonathon Duniam](#)



GAS-FIRED RECOVERY

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MEDIA RELEASE

15 Sep 2020

Prime Minister, Minister for Energy and Emissions Reduction, Minister for Resources, Water and Northern Australia

States starting to introduce tax on electric and H2 vehicles



VLSFO prices on parity to MGO due to refinery closures - \$150 a tonne higher than Singapore

Pacific

Port Name ▲	VLSFO ◆	MGO ◆	IFO380 ◆	◆
Auckland	-	660.00 ▲ 20.00	-	Apr 16
Brisbane	660.00 ▲ 30.00	645.00 ▲ 20.00	-	Apr 16
Fremantle	650.00 ▲ 30.00	680.00 ▲ 30.00	-	Apr 16
Gladstone	665.00 ▲ 30.00	-	-	Apr 16
Melbourne	635.00 ▲ 5.00	655.00 ▲ 27.50	-	Apr 16
Port Kembla	-	642.50 ▲ 15.00	-	Apr 16
Sydney	-	610.00 ► 0.00	-	Apr 16
Tauranga	635.00 ▲ 25.00	650.00 ▲ 20.00	-	Apr 16