

Project 3 Proposal

Is New South Wales heading towards net zero emissions?

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Questions to be answered:

Which sectors are performing the best in terms of reducing carbon emissions?

Which sectors needs more funding to be able to reduce carbon emissions?

Limitations - In NSW what are the external factors that contributes to each type of emission?

● Dataset and Metadata

Dataset: https://datasets.seed.nsw.gov.au/dataset/cc0ac162-0257-40d7-afe9-c93bbcd8884f/resource/fbbafe30-e254-4d9a-816b-7bcba989bf97/download/nsw_regional_and_local_ghg_emissions_v2021_20220812.xlsx

<https://datasets.seed.nsw.gov.au/dataset/nsw-regional-and-local-greenhouse-gas-emissions-2016-2019>

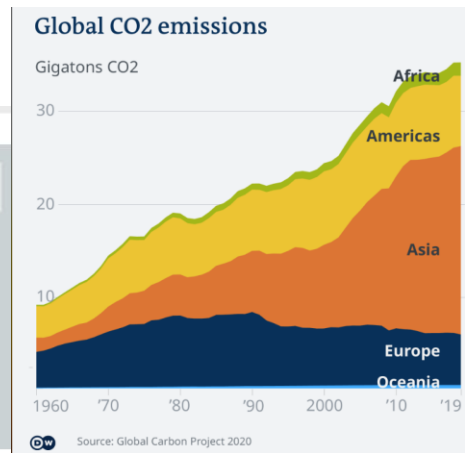
Year	ScopeID	Sector	SubSector	SubSectorEmissions_tonne	LGA	Planning_Region	Metro_or_Regional	LGA_CODE18
2016	1	Electricity Generation			13308 Bayside	Eastern Harbour City	Six Cities	10500
2016	1	Electricity Generation			5664 Blacktown	Central River City	Six Cities	10750
2016	1	Electricity Generation			0 Broken Hill	Far West	Regional	11250
2016	1	Electricity Generation			1169 Camden	Western Parkland City	Six Cities	11450
2016	1	Electricity Generation			6508623 Central Coast	Central Coast City	Six Cities	11650
2016	1	Electricity Generation			458970 Cumberland	Central River City	Six Cities	12380
2016	1	Electricity Generation			12911232 Lake Macquarie	Lower Hunter and Greater Newcastle City	Six Cities	14650
2016	1	Electricity Generation			6320482 Lithgow	Central West and Orana	Regional	14870
2016	1	Electricity Generation			23492491 Muswellbrook	Upper Hunter	Regional	15650
2016	1	Electricity Generation			47707 Narrabri	New England North West	Regional	15750
2016	1	Electricity Generation			3849 North Sydney	Eastern Harbour City	Six Cities	15950
2016	1	Electricity Generation			1491 Northern Beaches	Eastern Harbour City	Six Cities	15990

Metadata: https://datasets.seed.nsw.gov.au/dataset/nsw-regional-and-local-greenhouse-gas-emissions-2016-2019/metaexport/iso19115_pdf

● Inspiring visualisations

<https://www.seed.nsw.gov.au/net-zero-emissions-dashboard>

https://www.climatechange.vic.gov.au/data/assets/pdf_file/0036/598257/Victorian-Greenhouse-Gas-Emissions-Report-2020.pdf

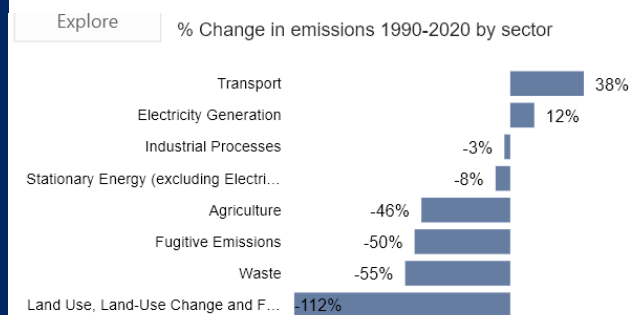


Year range

1990 2020

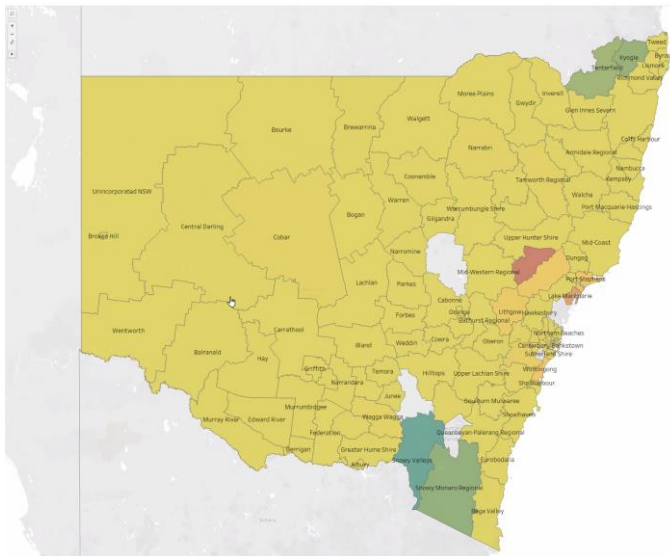
Sector

All

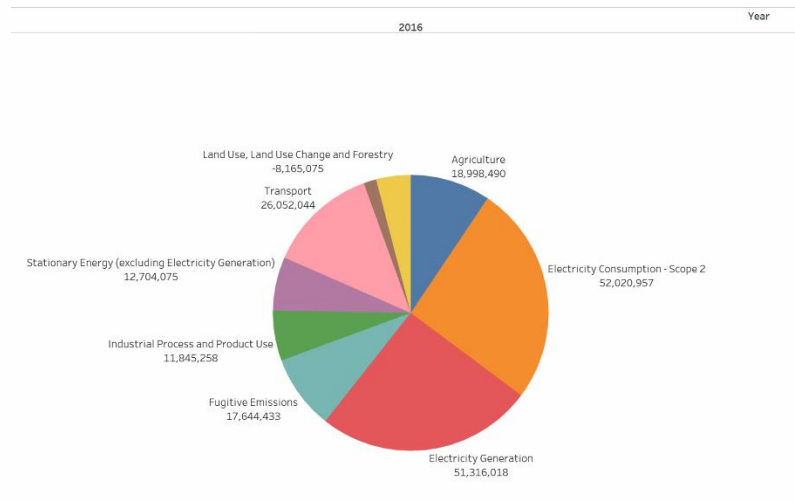
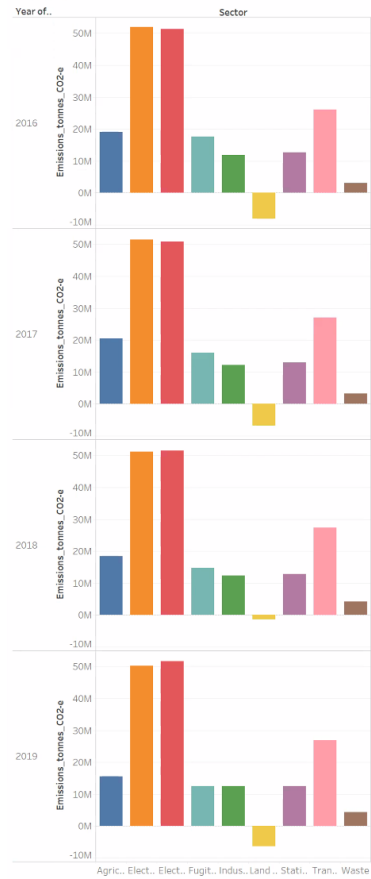


<https://www.seed.nsw.gov.au/net-zero-emissions-dashboard>

- A sketch of the final design



Sheet 3



- GitHub repository: https://github.com/Misscoffeecassie/Project3_Group4