

Achieving an affordable, reliable – and green – energy future

Matt Burgess

The New Zealand Initiative

ENVIRONMENT

SWITCHED ON!

Achieving a green, affordable
and reliable energy future

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**THE
NEW ZEALAND
INITIATIVE**

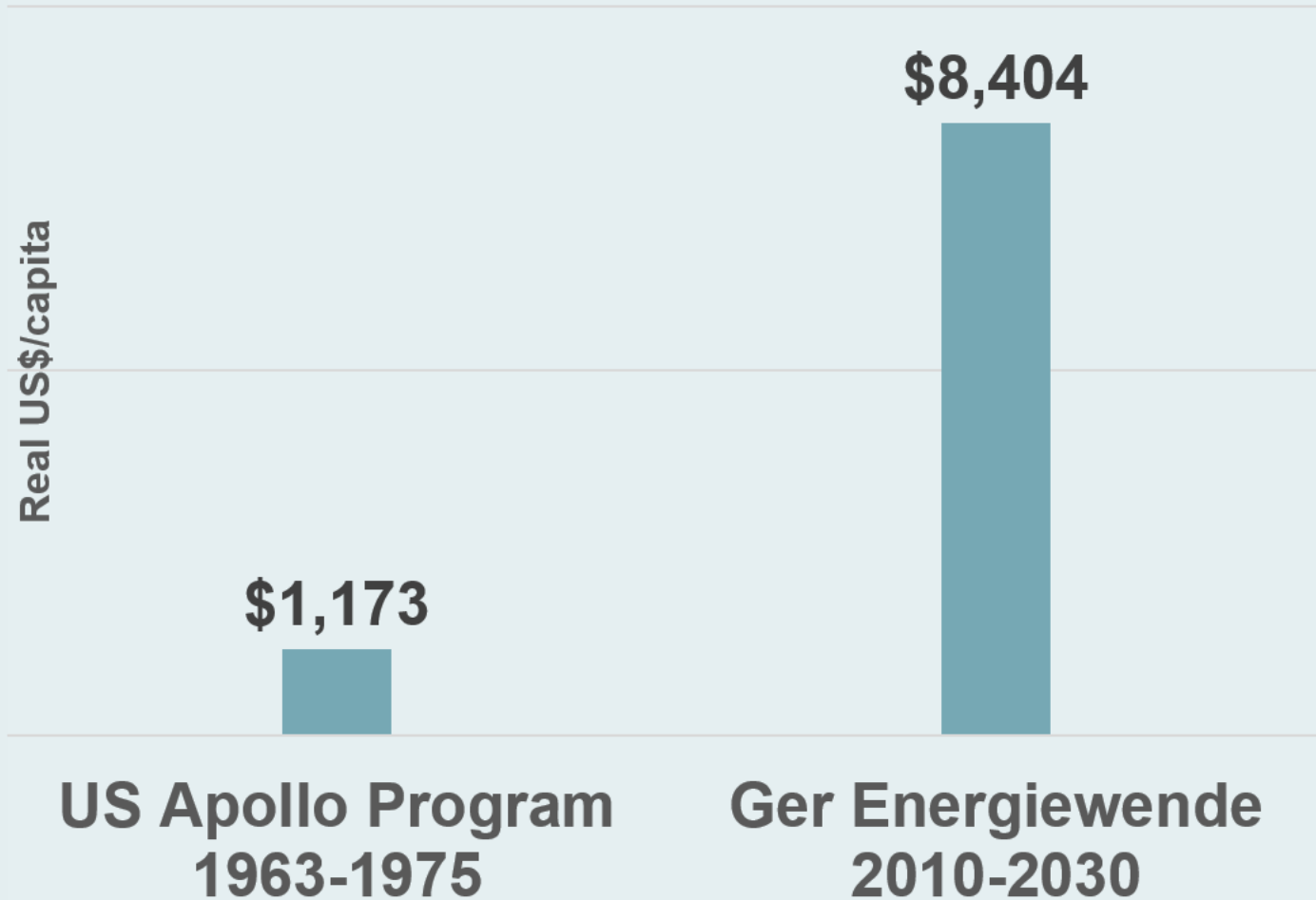
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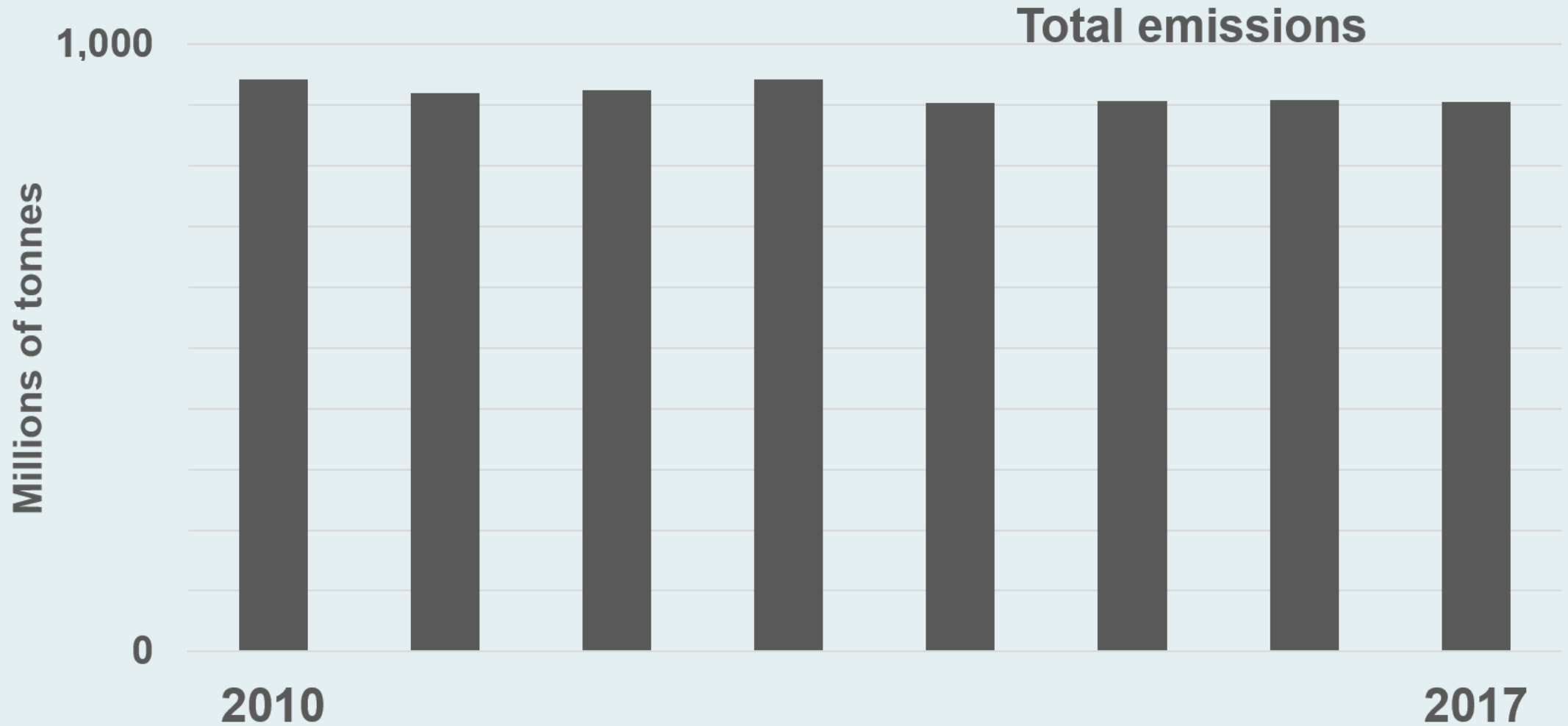


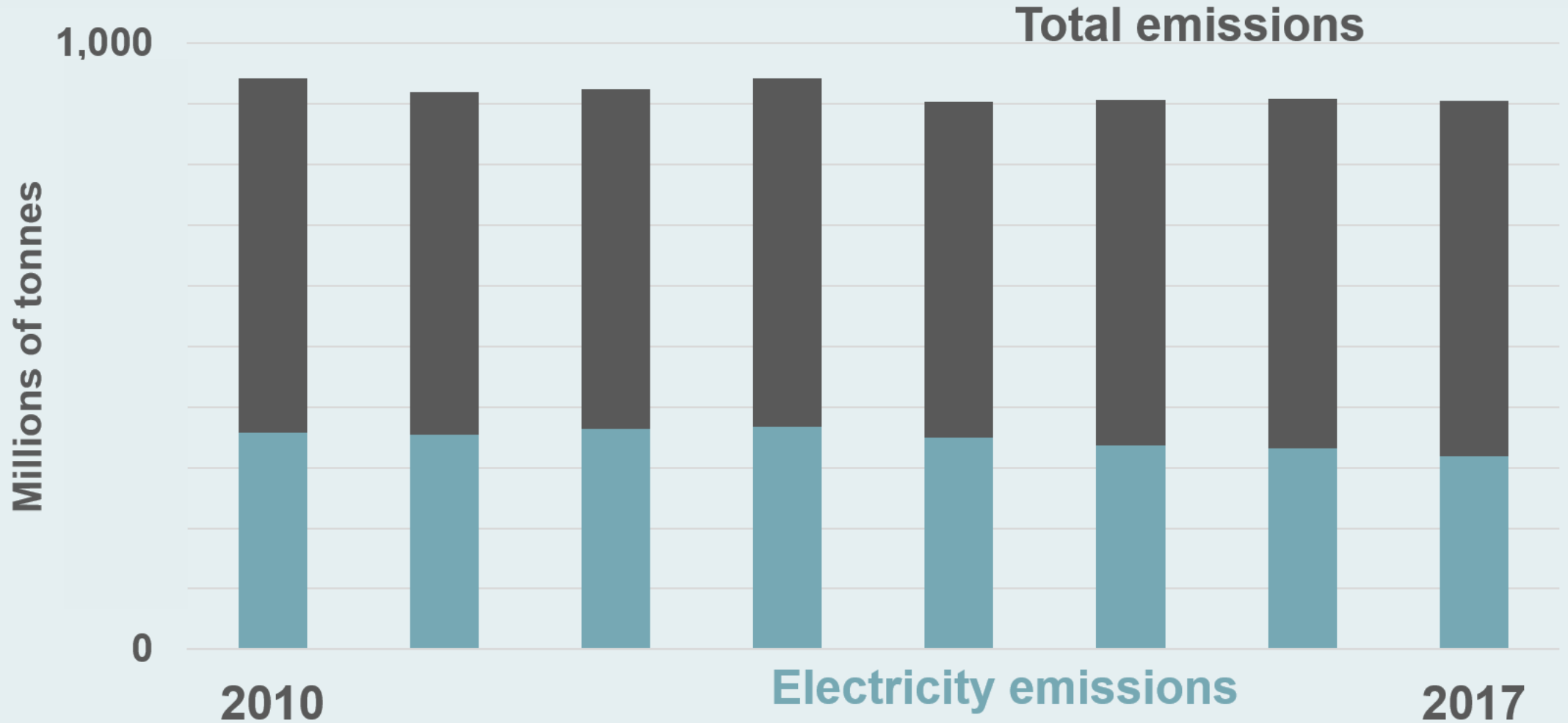
Dardesheim, Saxony-Anhalt

Image credit: 100-percent.org

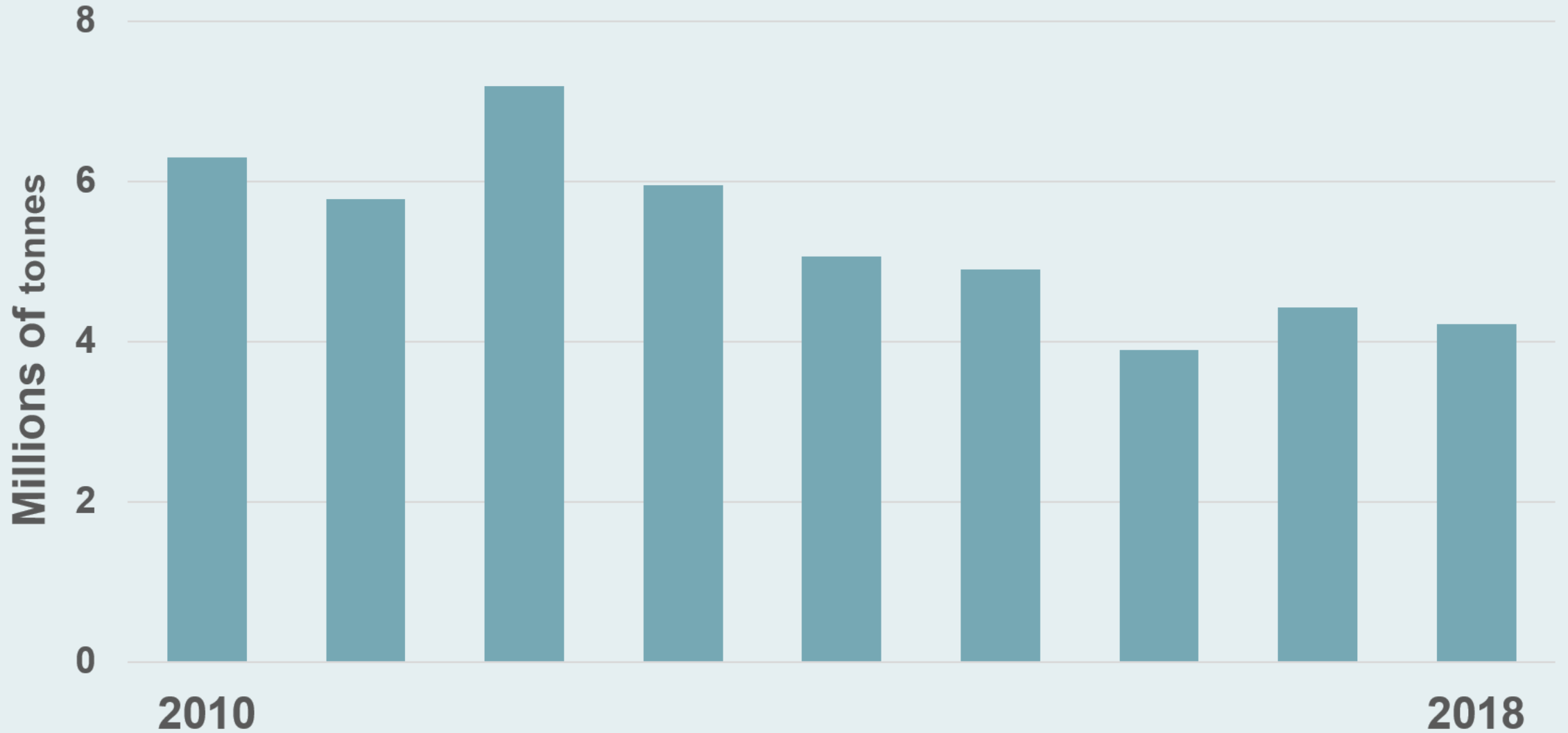
Cost per capita, 2019 US Dollars



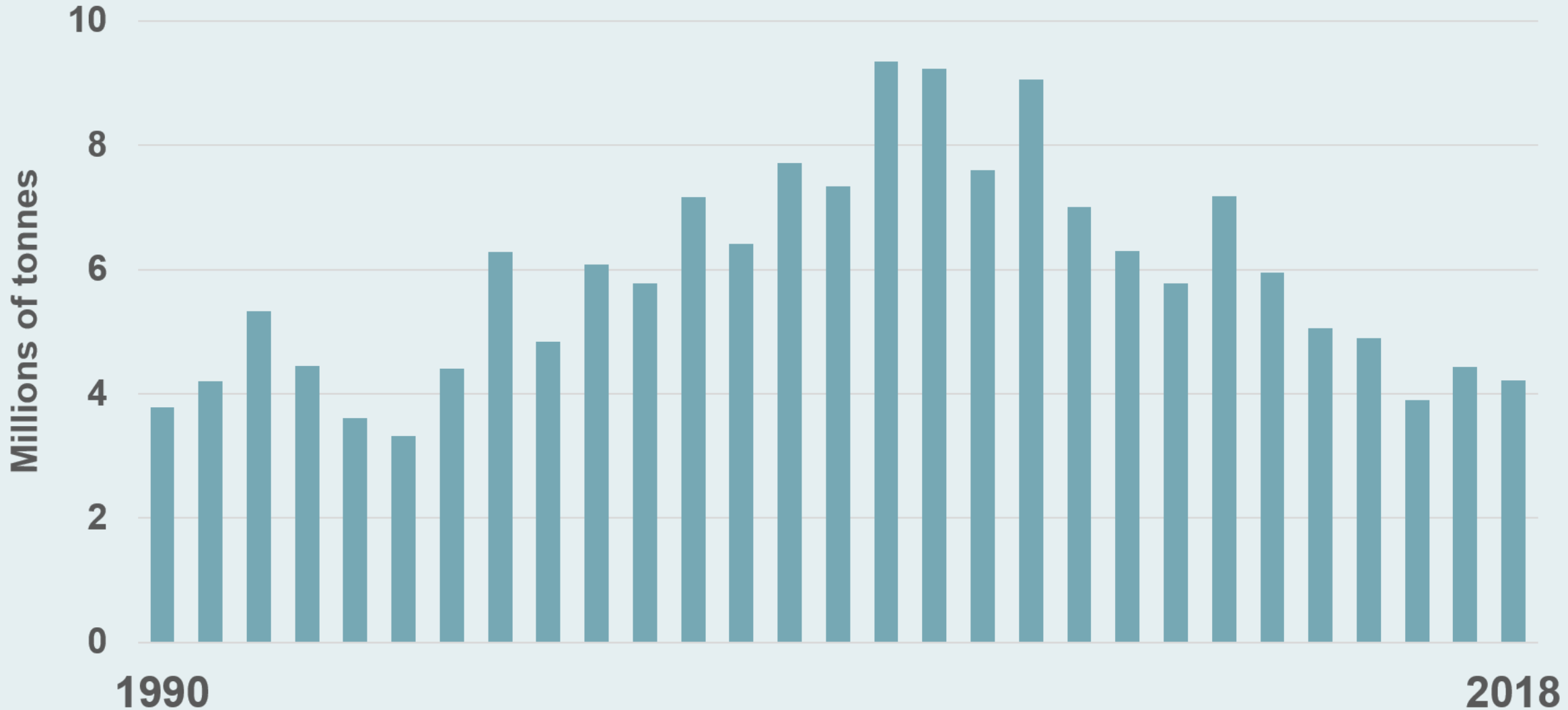




New Zealand electricity sector emissions



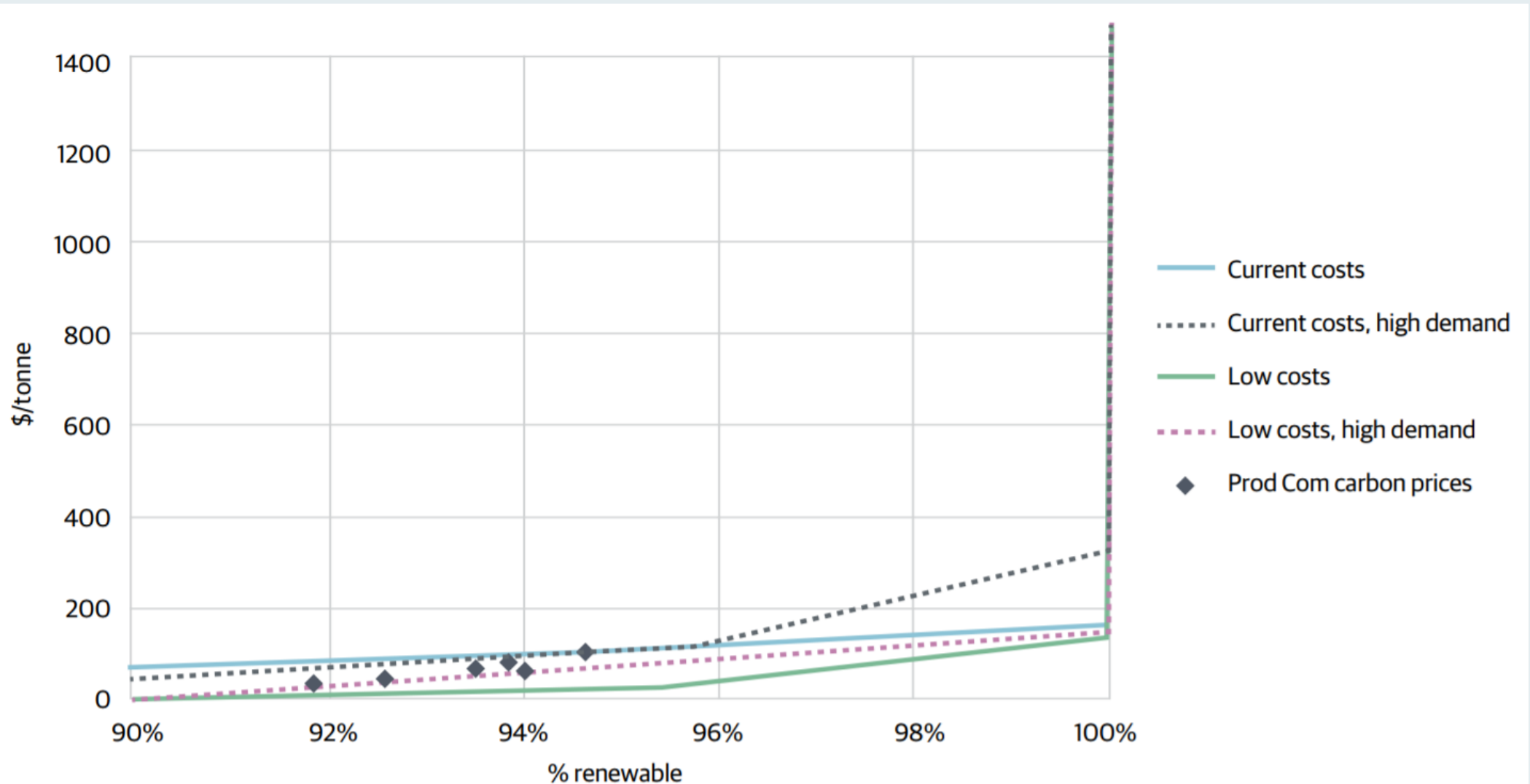
New Zealand electricity sector emissions

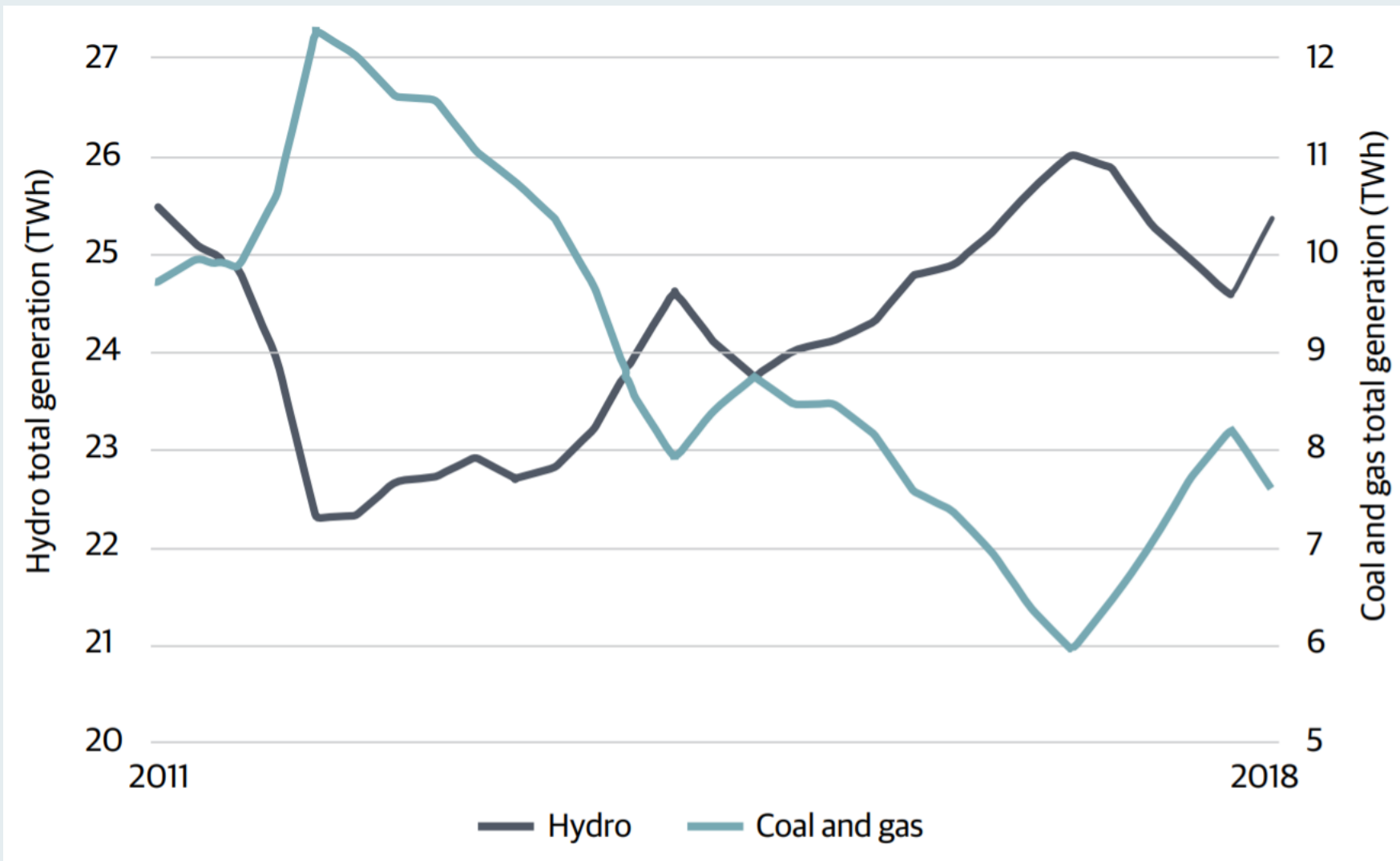


- **Credible operational independence**
- **Prices reflect costs**
 - **Investment decisions and investment risk sit with investors**



Estimated carbon abatement costs





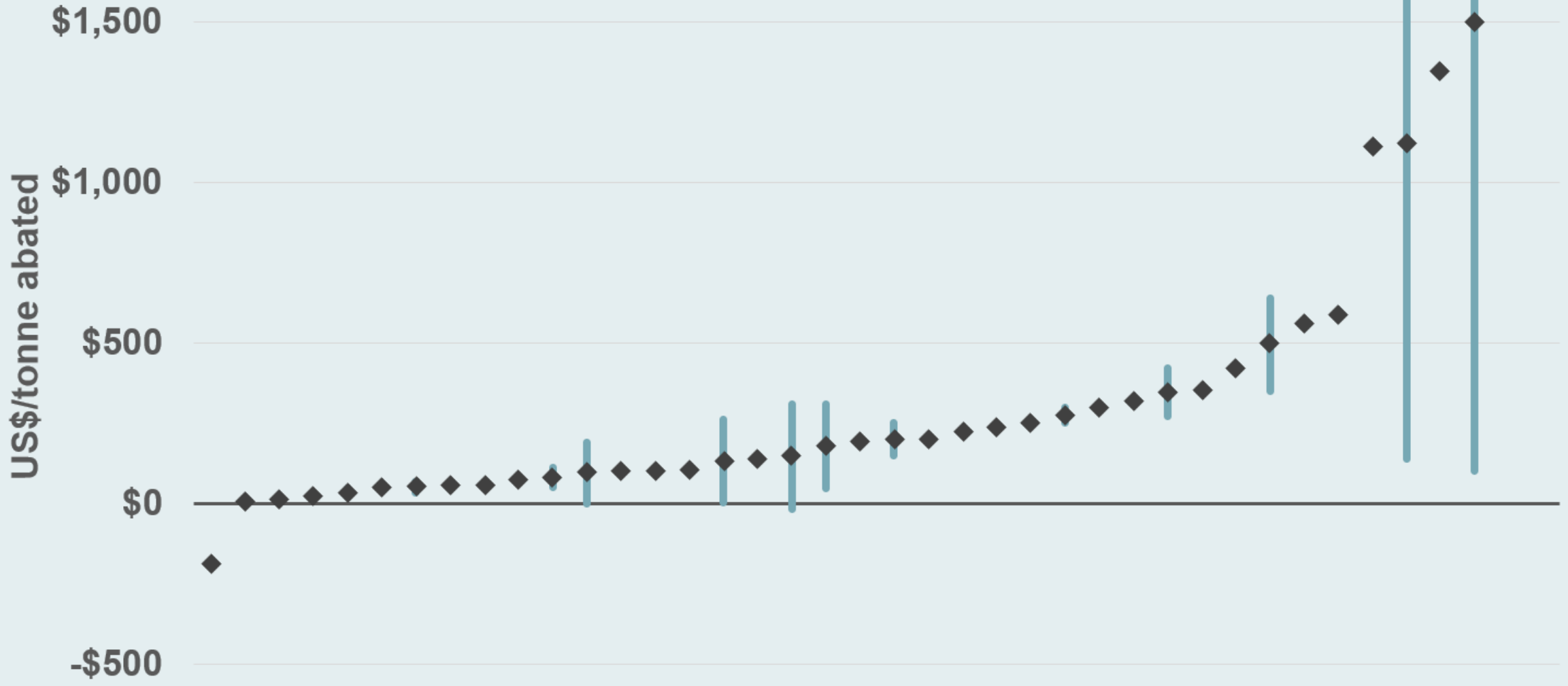
Accelerated electrification

Evidence, analysis and recommendations

30 APRIL 2019

**Interim
Climate
Change
Committee**

Government emissions policies US\$/tonne



- **Set to pass by 14 November**
- **Legislates 2050 emissions targets**
- **Establishes Climate Change Commission**

5ZD Requirement for emissions reduction plan

(1) The Minister must prepare and publish a plan setting out the policies and strategies for meeting an emissions budget.

...

(3) The plan must include—

- (a) sector-specific policies to reduce emissions and increase removals; and
- (b) a multi-sector strategy to meet emissions budgets and improve the ability of those sectors to adapt to the effects of climate change; and

...

(d) any other policies or strategies that the Minister considers necessary.

- 1. Electricity works when operations separated from politics + prices reflect costs. Same for emissions.**
- 2. Price > top down policy**
- 3. Big environmental upside in independent testing**

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