



Australia's Multilateral Assessment

COP29 | Baku, Azerbaijan

An aerial photograph of a beach and ocean. Two surfers are standing on the sand in the bottom left corner, their shadows cast long. A large white circle is superimposed on the left side of the image, containing the title text. The ocean is on the right, with waves breaking onto the shore.

Acknowledgement of Country

National circumstances

- **Extreme weather** events are common
- Population: **26.7 million** (June 2023)
- GDP: **\$AUD 2.64 trillion** (July 2024)
- Transformation towards a **competitive net zero economy** and **clean energy exporter**



Australia's international climate targets



Cancun Agreement

- 5% reduction on 2000 levels by 2020



Kyoto Protocol

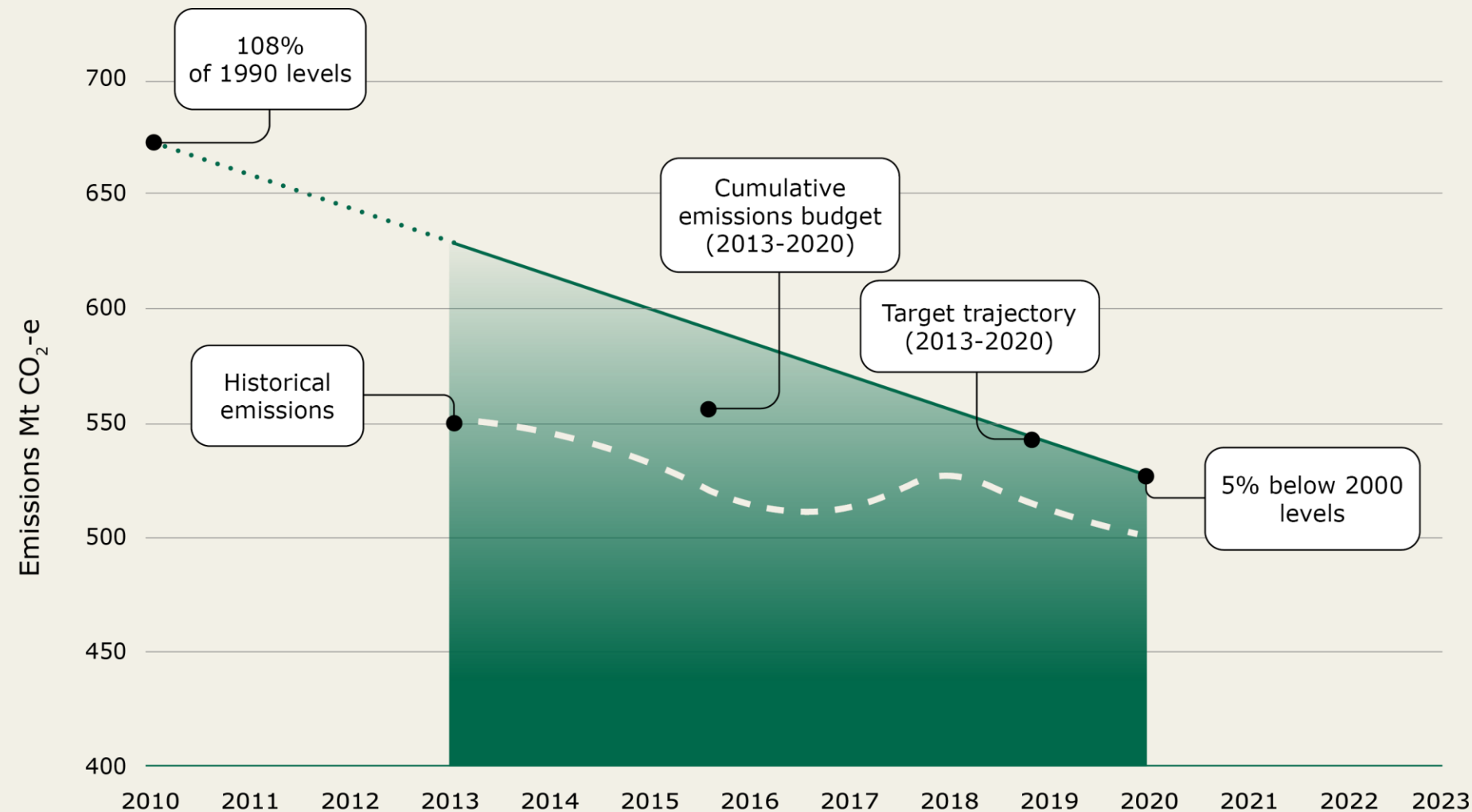
- Limit emissions to 99.5% of 1990 levels over 2013 to 2020



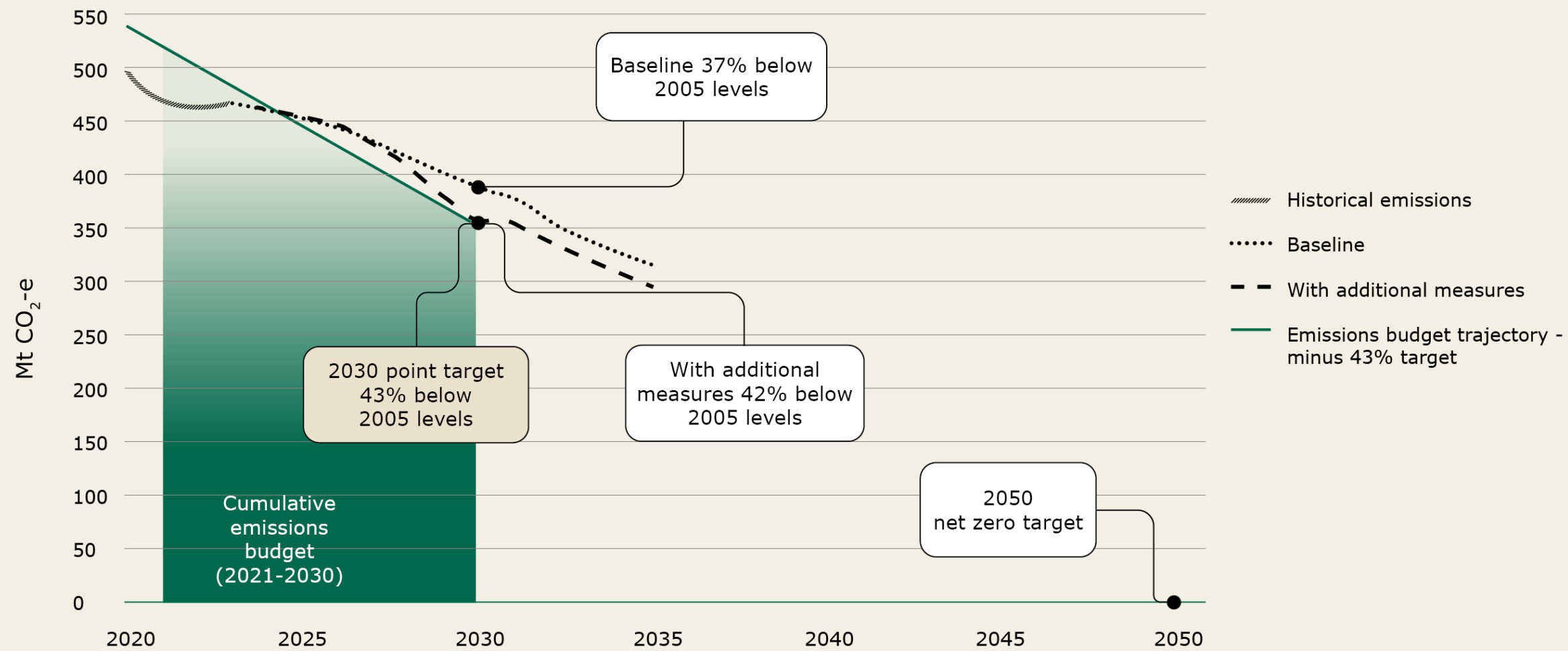
Paris Agreement

- 43% reduction on 2005 levels by 2030
- Net zero by 2050

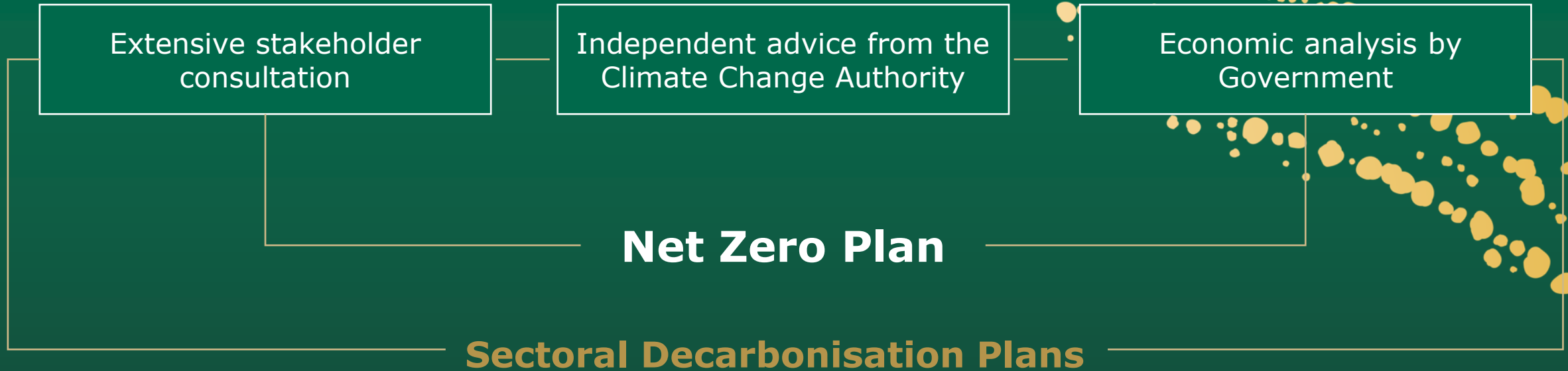
Australia achieved its 2020 target



Australia's emissions are projected to decrease



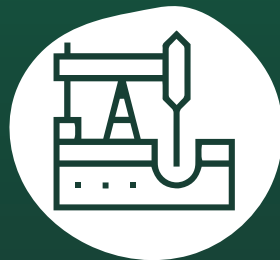
Australia's pathway to net zero



Energy and
Electricity



Industry



Resources



Built
Environment



Agriculture
and Land



Transport

Electricity and energy

- Reducing energy emissions is fundamental to reaching net zero
- **Expanding and transforming our electricity system** while shifting to **low carbon gaseous and liquid fuels**
- Committed to grow **renewable generation** in major electricity grids **to 82% by 2030**
- **Building clean energy industries**, including **renewable hydrogen** and **low carbon liquid fuel production**
- **Improving energy performance** through increasing electrification, energy efficiency and demand flexibility



Industry and resources

- **The Safeguard Mechanism** places large emitters on a path to net zero by 2050
 - Covers around 220 of Australia's largest industrial facilities, who account for 30% of Australia's emissions
 - Emissions limits (baselines) reduce by 4.9% a year to 2030
 - Will deliver 200Mt of emissions reduction by 2030
- Complemented by the **Powering the Regions Fund**, which supports investments to decarbonise facilities



Transport

- Third largest source of national emissions (21%)
- **National Electric Vehicle Strategy** aims to increase the supply and demand of electric vehicles (EVs)
 - New Vehicle Efficiency Standard will deliver cleaner, more cost-effective vehicles to Australians
- **Driving the Nation Fund** will expand rollout of EV charging and hydrogen refuelling infrastructure



Agriculture and land

- Agriculture and land are a significant source of both emissions and carbon storage
- **National Statement on Climate Change and Agriculture** provides a shared commitment to climate-smart practices
- **Australian Carbon Credit Unit scheme** incentivises high-integrity abatement projects
- We are working to drive greater abatement through:
 - Research and innovation
 - Building the capacity of farmers and land managers including First Nations people to take action
 - Improving GHG accounting at national and farm levels



Built environment

- Buildings account for 18% of national emissions
- Energy efficiency, fuel switching, and demand management are key to decarbonise buildings
- Rating tools, including **National Built Environment Rating System**, reduce emissions intensity by informing consumer choice
- The **National Construction Code (NCC)** regulates new building construction at a sub-national level
- Partnering with the finance sector through the **Household Energy Upgrades Fund** to improve energy performance and lower bills



Adaptation

We are developing

- National Climate Risk Assessment
- National Adaptation Plan
- Torres Strait and Northern Peninsula Area Climate Resilience Centre

We have implemented

- Climate Risk and Opportunity Management Program
- Commonwealth Climate Disclosures
- National Health and Climate Strategy
- \$1 billion Disaster Ready Fund



International assistance

'We support the priorities of our partners'

- **\$3 billion in climate finance** expected over 2020-25
- **Our climate finance is increasing**

Case Study

- Critical infrastructure in PNG is threatened by floods and landslides
- Securing reliable transport networks from these threats is a priority for the PNG government
- Australia is supporting PNG to build climate resilient roads, bridges, and wharves in line with their priorities



An aerial photograph of a coastal area. The water is a vibrant turquoise color. In the foreground, there are large, white, textured sand formations that look like coral or sand dunes. To the right, a small island or peninsula is covered in green vegetation and has a few people on it. The text "Australia/Pacific COP31 bid" is overlaid in white, centered within a white circle on the left side of the image.

Australia/Pacific COP31 bid



AUSTRALIA