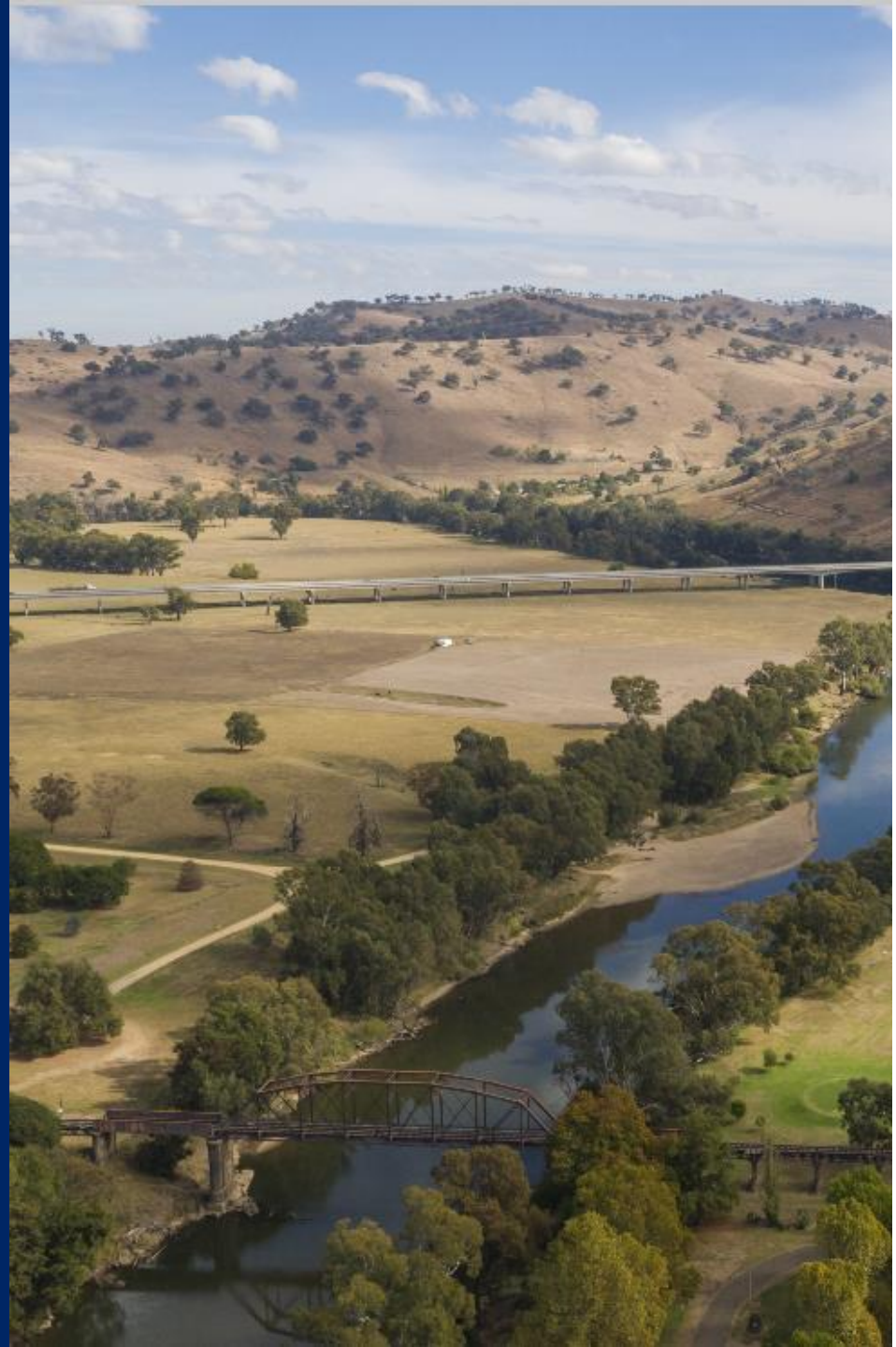


NSW Climate Change Adaptation Strategy

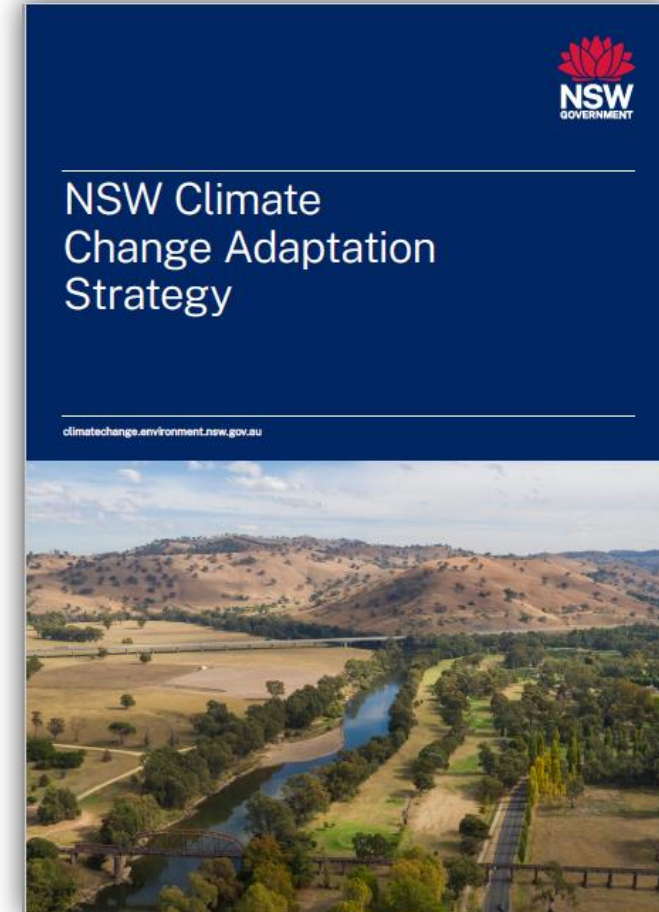
November 2022

The Office of Energy and Climate Change is part of the **Treasury Cluster**.



NSW Climate Change Adaptation Strategy

- The NSW Government publicly launched the NSW Climate Change Adaptation Strategy on 12 June 2022.
- The purpose of the strategy is to make NSW more resilient and adapted to climate change.



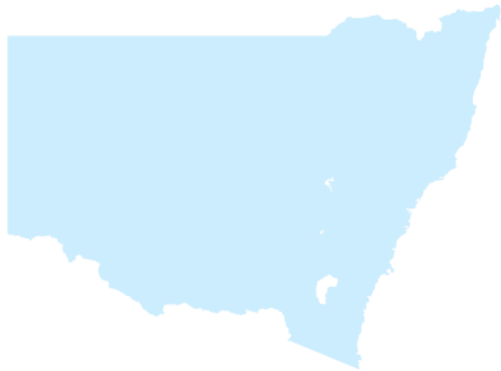
NSW climate change policy






NSW Climate Change Policy Framework 2016							
ADAPTATION OBJECTIVE NSW is more resilient to a changing climate			MITIGATION OBJECTIVE Achieve net-zero emissions by 2050				
NSW Climate Change Adaptation Strategy			Net Zero Plan Stage 1: 2020-2030				
			Waste & Sustainable Materials Strategy	Electricity Infrastructure Roadmap	Electric Vehicles Strategy	Electricity Strategy	Hydrogen Strategy

Climate change impacts and risks

-  Increased rainfall in summer and autumn
-  Decreased rainfall in spring and winter
-  Earlier and longer bushfire seasons with an increased number of high fire danger days



-  Decline in alpine snowfall
-  Estimated sea level rise of 21–35 cm
-  More heatwaves, with an increase in the number of hot days over 35°C by an average of 26 days per year

Disasters

\$15.8–17.2 billion in total economic costs from disasters triggered by extreme weather events on average every year by 2060–61.



Sea level rise

An estimated 39,000–46,000 NSW properties will be exposed to coastal erosion and inundation by 2060–61 due to sea level rise.



Heatwaves

700,000 – 2.7 million working days will be lost due to heatwaves by 2060–61.



Agricultural production

\$750 million – \$1.5 billion in lost agricultural production every year by 2060–61.



The strategy sets 4 priority areas with 16 actions



Priority 1

Develop robust and trusted metrics and information on climate change risks



Priority 3

Develop and deliver adaptation action plans



Priority 2

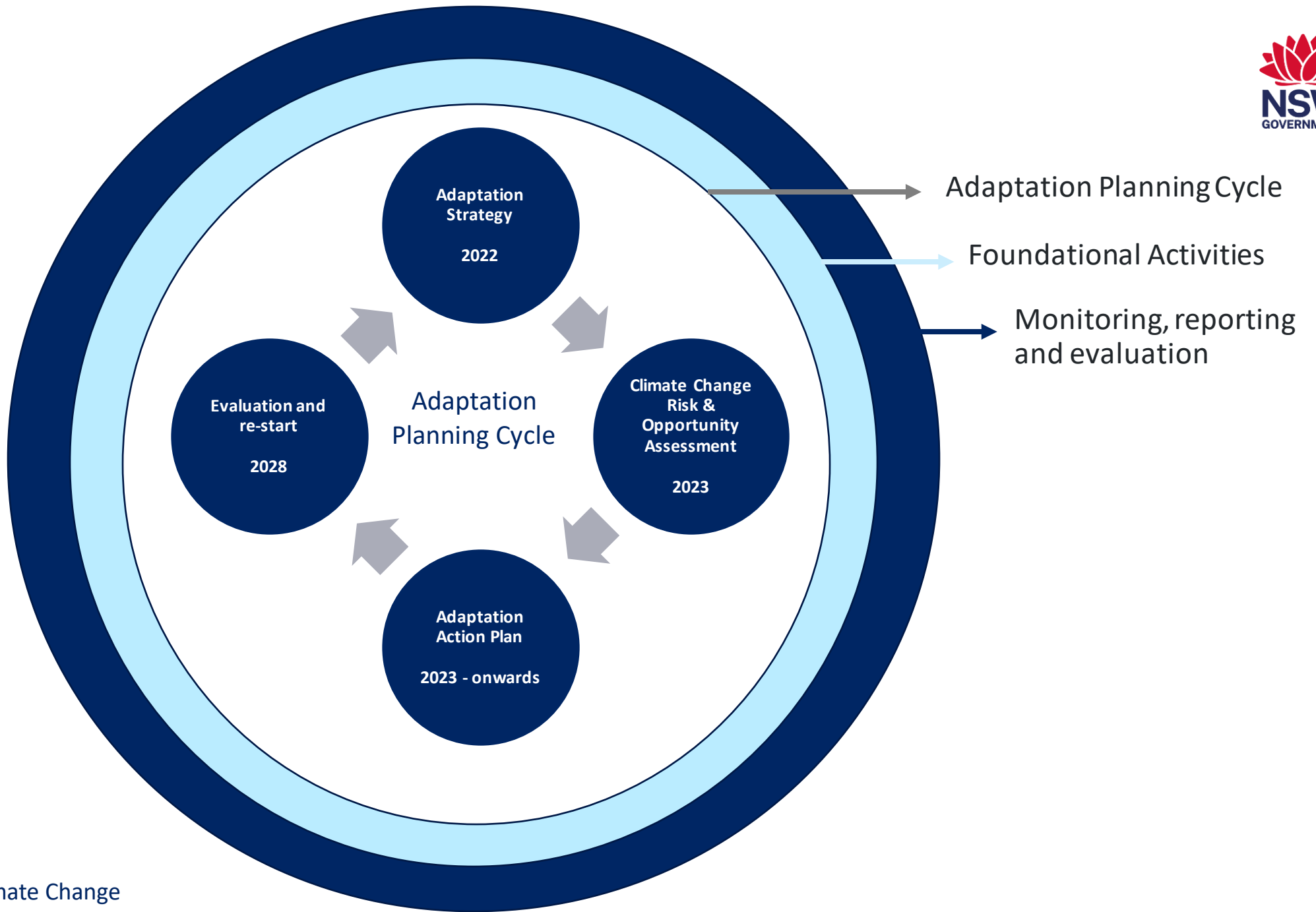
Complete climate change risks and opportunity assessments



Priority 4

Embed climate change adaptation in NSW Government decision making

Detailed strategy summary



The Strategy sets four key objectives



Well adapted built environment and infrastructure



Well adapted natural environment, biodiversity, ecosystems and natural resources



Well adapted economy, businesses, industries and livelihoods



Well adapted society, government, communities, families and individuals



Priority 1

Develop robust and trusted metrics and information on climate change risk

1. 2023 - establish a set of specific, measurable and timebound metrics for NSW
2. 2025 - Require all NSW Government agencies to report against the metrics
3. Publish local level climate change projections
4. 2024 – undertake climate change scenario analysis for NSW
5. Engage in ongoing research on priority risks, opportunities and adaption options
6. Engage in ongoing research and modelling to translate projections into real-world socio-economic impacts and address priority knowledge gaps
7. Translate science into accessible information and resources
8. Continue to develop practical information, advice and decision tools



Priority 2

Complete climate change risk and opportunity assessments

9. 2023 - Publish the first risk and opportunity assessment.
Update every 5 years



Priority 3

Develop and deliver adaptation action plans

10. 2023 - Publish the first adaptation action plan based on the latest risk and opportunity assessment.
Update every 5 years



Priority 4

Embed climate change adaptation in NSW Government decision-making

11. 2023 - update/develop policies, guidance, processes and standards
12. 2023 - define responsibilities for NSW public sector senior executive leadership
13. 2023 - each NSW Government cluster to appoint climate change risk officer
14. 2023 – each NSW Government agency to identify their own climate change risks
15. 2023 – develop risk thresholds and a prioritisation framework
16. Engage with international bodies and groups of sub-national governments

Monitoring, reporting and evaluation



Monitoring actions and plans

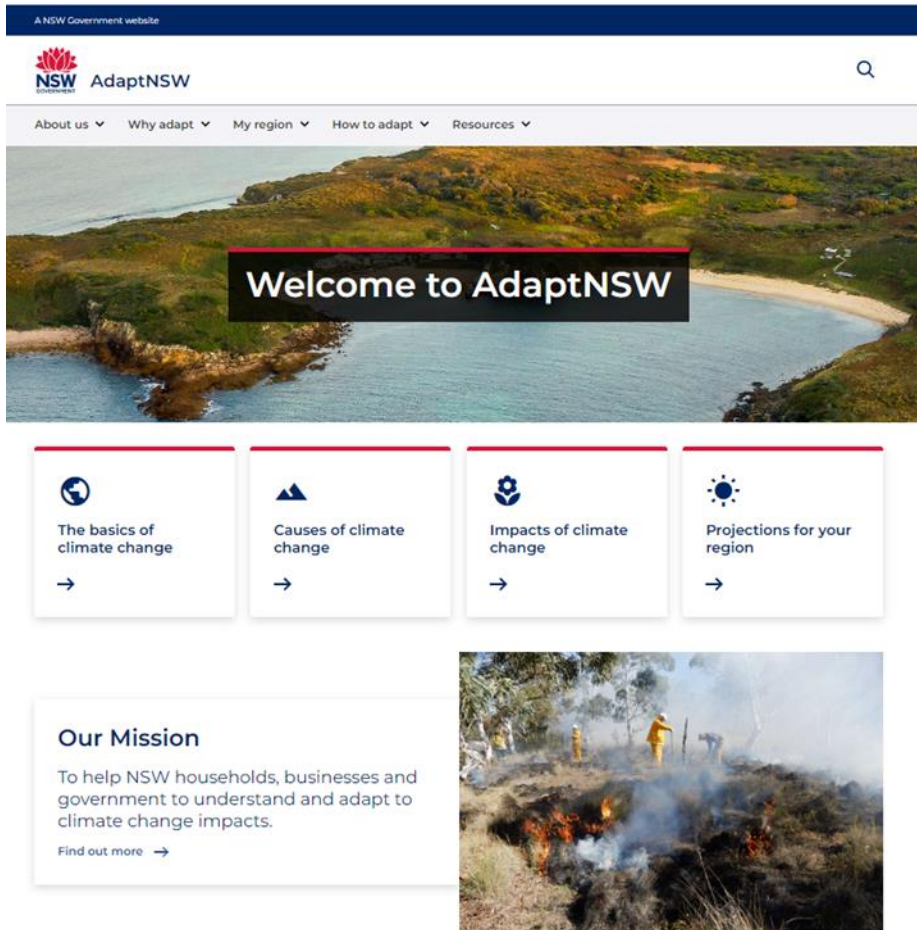


Reporting on effectiveness of actions and action plans



Evaluation....first report to be published in 2028

Contact Us



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