

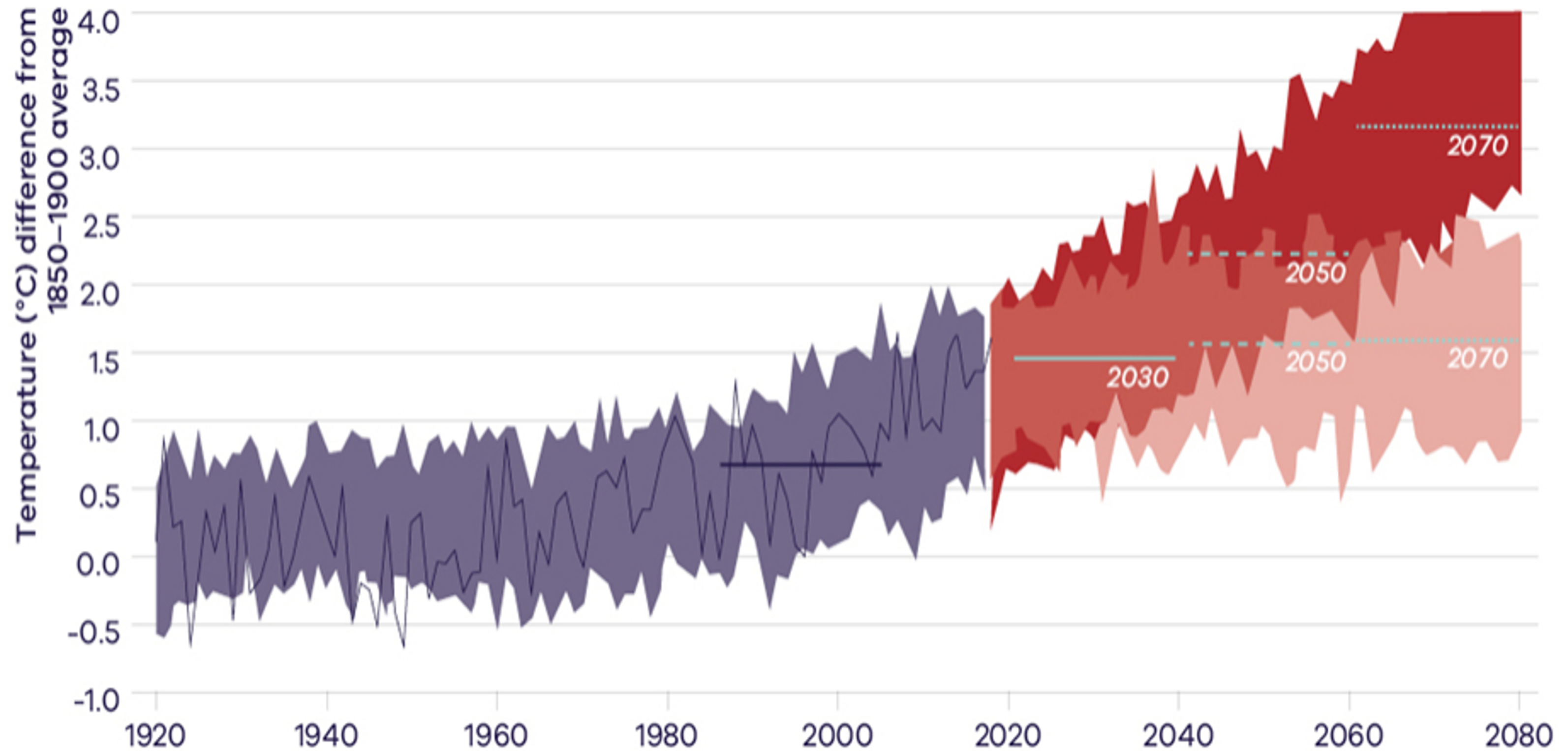


BACKGROUND INFORMATION



BACKGROUND

- Victoria and Australia's weather has always been variable.
- This instability is increasing, and our weather extremes are getting strong
- Weather – is the mix of events that happen each day in our atmosphere over a short time frame
- Climate – Describes what the weather is like over a long period of time in a specific area.



AVERAGE TEMPERATURE CHANGE

Victoria is already experiencing the impacts of climate change:



Decrease
in average rainfall



Temperature
**increase of just
over 1.0°C**
since 1910



**Significant
increase**
in fire danger
in spring

IMPACTS OF CLIMATE CHANGE

IN THE FUTURE VICTORIA CAN EXPECT

Average annual
temperature
**increase up
to 2.4°C**



Longer fire seasons, with
**up to 60% more very
high fire danger days**



Melbourne's climate
could be more like
Wangaratta's



Double the
number of
very hot days



More intense
downpours



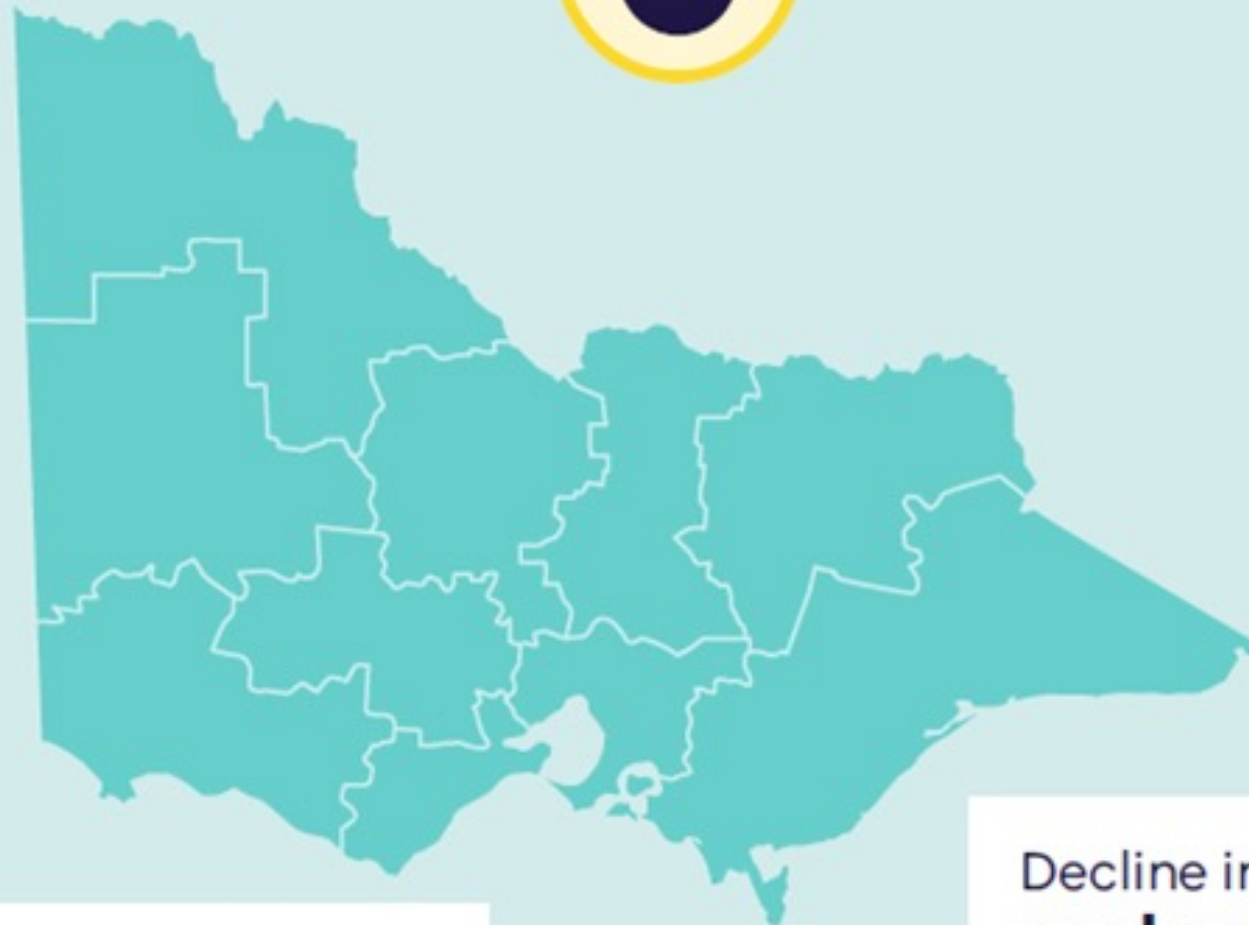
Sea levels will rise by
around 24 cm



Decline in
alpine snowfall
of 35–75%



Decline in
**cool season
rainfall**



By 2050s under high emissions, compared to 1986–2005

RISKS OF DOING NOTHING

- Urban Heat island effect
 - Changes in rainfall
 - Increased fire danger
- Increases in extreme weather events
 - Sea level rise
 - Declining snow fall



CLIMATE CHANGE

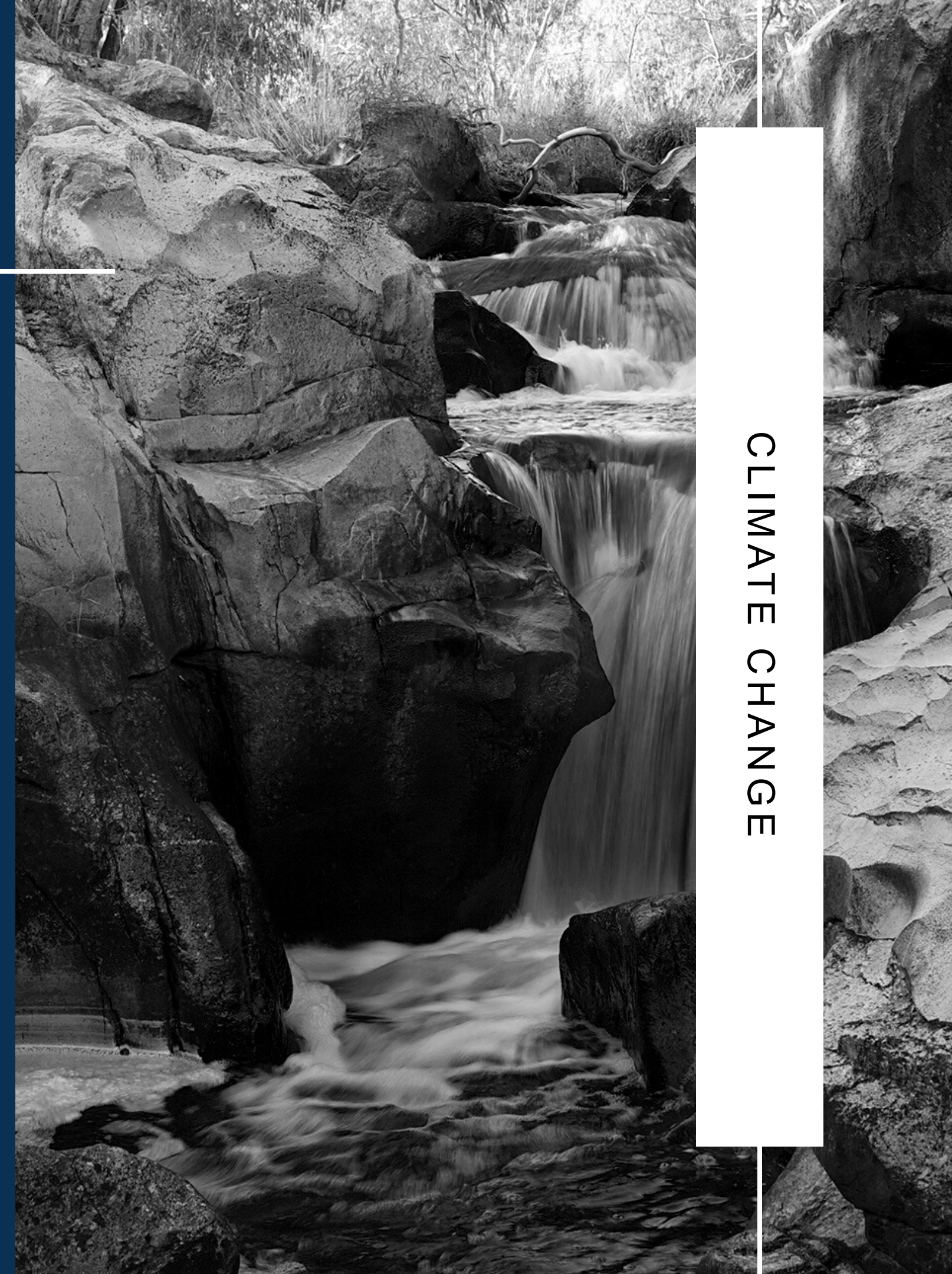
WHAT CAN WE DO?

Local Government Act 2020

Councils are required to promote the economic, social and environmental sustainability of the municipal district, including **mitigation** and **planning for climate change risks**.

- We need your help to set the priorities for our Climate Change Action Plan.
- As part of the Share Strathbogie page we ask you to prioritise some actions we have suggested, but you can feel free to suggest your own based on what is important to you.
 - The cost of inaction is higher than acting

CLIMATE CHANGE



WHAT CAN WE DO?

- Mitigation – action councils take to reduce greenhouse gas emissions
- Adaptation – action councils take to help build community resilience to prepare for and cope with climate change

