



Climate change

South Australia's climate is changing. Global warming caused by increasing greenhouse gases in the atmosphere, is changing climate patterns and resulting in more frequent and unpredictable weather events.

In recent years, South Australians have experienced firsthand the effects of climate change including droughts, heatwaves, bushfires, and floods.

Our planning system can support a range of ways to help us adapt to, mitigate, and complement other approaches to respond to climate change.

What we heard

Managing the impacts of climate change clearly resonated with the community and stakeholders in many of the submissions made on the Greater Adelaide Regional Plan Discussion Paper and the draft Greater Adelaide Regional Plan. Key things we heard included:



Alternative energy sources to power our homes, neighbourhoods and transport are well-supported in the community, including solar and infrastructure to support electric vehicles.



Councils are showing strong leadership in planning for and actively responding to improving sustainability, reducing greenhouse emissions, reducing energy consumption and travel distances, maximising water use, and building cool, green suburbs.



The location of future development needs to consider the long-term impacts of climate change, particularly sea level rise, coastal erosion, and bushfire risk.

The Greater Adelaide Regional Plan:



Is adaptable

Our fully online and adaptable [Regional Planning Portal](#) will bring a range of climate change data to your fingertips, allowing you to understand the spatial impacts of projected changes in maximum temperatures and annual rainfall over different timeframes and emissions scenarios.



Sets clear directions, including

- Creating carbon-efficient living environments that are more walkable and less car dependent.
 - Increased urban greening, including a more ambitious tree canopy target to prioritise investment where it's needed most.
 - Meeting the needs of and understanding the risks to vulnerable communities in future growth areas.
 - Protecting significant environmental areas from growth, and providing biodiversity to help the environment and to store carbon.
 - Reducing carbon impacts of high energy-using industries.
 - Supporting growth in solar energy, wind energy, and battery storage.
 - Facilitating green technologies and industries that reduce reliance on carbon-based energy.
 - Updating overlays within the Planning and Design Code to manage hazard risks.
 - Establishing the new Greater Adelaide Open Space System that will connect people with nature and plan for new and improved open space in areas with urban renewal and growth.
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Need more help?



Visit

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