

# Wellness at the ZOO Sustainability

Explore the zoo, finding the locations below and learning about how we're working towards a greener future through innovative solutions and creative initiatives.



## Green roofs and walls

Adelaide Zoo is home to the first ever, and now largest area of green roofs and walls in South Australia.

Green roofs and walls have been proven to:

- Provide increased insulation, thereby reducing heating and cooling requirements of buildings and lowering energy usage
- Capture water during storm events, holding the water for slow release to prevent overloading of the storm water system
- Increase biodiversity and in doing so attract animals and insects



**You can find Adelaide Zoo's green roofs and walls at map references: B15 outside main entrance, H14 Giant Panda enclosure, Q10 Enivrodome.**

*Visit the greenway inside the Enivrodome to see a genuine Patrick Blanc design.*

## Solar power

Solar panels can be found on every available rooftop in Adelaide Zoo powering various systems across the site. One of the most innovative and exciting installations was created for Giant Pandas, Fu Ni and Wang Wang, who enjoy a state of the art climate controlled exhibit including heated and cooled rocks powered by solar energy to ensure they stay warm in winter and cool in summer.



**Visit the Giant Panda exhibit and see of the person-made rocks within their inside spaces at map reference: I14.**

## Closed unit waterway

The waterway surrounding the Siamang and Gibbon Islands in the heart of the zoo is a fully closed unit. Using recycled water, including storm runoff, biofiltration with specially selected plants filters the water to be pumped back to the start of the loop and flowing continuously.



**Visit the waterway at map reference N9.**





## City Bees

Adelaide Zoo is the proud home of a rabble of bees as part of the Adelaide Bee Sanctuary network, run by an organisation of the same name. Bees are a vital link the food chain, pollinating plants and ensuring crops for the future. Honey from the zoo hives is used by zoo caterers and also as treats and enrichment for the animals of the zoo.

**The hives are not located in a public area but we encourage all visitors to explore the gardens of the zoo which benefit from bees.**



## Plastics

Zoos SA is committed to reducing plastic use, seeking biodegradable options and recycling. Leading the way in this space, the zoo banned plastic straws and the use of balloons on site, and removed plastic bags from retail outlets well before government regulations. Single use plastics are an environmental disaster, especially when they enter waterways and the ocean, affecting sea life and causing injury or death to many animals like Sea Lions.

 **Visit the Australian Sea Lion exhibit and find more information on plastics in the ocean at map reference: S9**

## Research for the future

Zoos SA participates in research across many fields from animal behaviour and breeding, field studies and wild reintroductions, to energy systems like the photovoltaic cell studies currently being conducted in the Envirodome with UniSA.

 **Explore the Envirodome and learn about the smaller residents of Adelaide Zoo with their specialised tanks and aquariums at map reference: Q10**



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All members support the critical conservation work of Zoos SA within our gates, locally and across the globe.

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