

LEGISLATIVE ASSEMBLY OF THE NORTHERN TERRITORY

WRITTEN QUESTION

Mr Higgins to the Minister for Infrastructure, Planning and Logistics:

Heat mitigation initiatives

- 1. What heat mitigation initiatives are being implemented in the Alice Springs CBD?**

Work has commenced on a heat study using aerial thermal imaging and measuring surface and ambient temperatures and wind conditions to determine the hottest spots around the Alice Springs CBD. This work is being delivered through the Department of the Chief Minister.

- 2. Please provide a heat map of the Darwin and Alice Springs CBDs. The Government commissioned the University of New South Wales (UNSW) to conduct a study of inner city heat, humidity and wind movement. The study used thermal imaging and drone monitoring to map the city's temperatures.**

A report prepared by the UNSW summarises the characteristics of the urban heat island of Darwin, identifying hot spots in the city, developing and evaluating appropriate heat mitigation scenarios and proposing optimum heat mitigation solutions that could be tailored for the city of Darwin.

A copy of the report which includes heat mapping images for the Darwin CBD, can be found at: www.darwincitydeal.com.au.

As noted above, heat mapping for the Alice Springs CBD is also underway.

3. Why was Cavenagh Street chosen as the ideal place to conduct a heat mitigation trial?

This location was selected following the heat study which showed Cavenagh Street to be one of the hottest locations in the CBD, with surface temperatures exceeding 60 degrees in some locations.

4. How much will it cost to disassemble the shade structure if the trial is not successful or will it be a permanent structure regardless?

The Cavenagh Street Shade Structure has been designed for installation as a permanent structure.