



sense-t
smart. data. innovation.

Data Driven Transformation

We use data to solve real world challenges. Sense-T demonstrates the potential of data to improve economic, environmental and social outcomes.

Data is helping us see alignments and opportunities that improve decision making and create real impact.

It is helping farmers improve yields, and helping the wine industry better understand disease. It is helping people breathe easier and improving their quality of life.

Sense-T currently engages more than twenty research and development projects in the areas of agriculture, aquaculture, viticulture, water management, health, tourism, freight, logistics, transport and finance.

**Discover more at
sense-t.org.au**

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Australian Government



Sense-T AirRater app

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A unique smartphone app providing individualised alerts to those at risk from smoke, pollen, heat or pollution.

Opportunity

Environmental conditions such as air quality and weather can have a major impact on our health.

The AirRater app was created to assist people suffering from hay fever, allergies, asthma and other lung diseases like chronic bronchitis.

Solution

The AirRater app provides a globally unique integration of air pollution, meteorological and allergen data with health symptom reporting.

We integrate real-time data from a high-resolution pollution, meteorological, and pollen monitoring network across Tasmania into the platform and interpolate the data so that AirRater users can quickly understand current environmental conditions.

Impact

Since October 2015, more than 1000 Tasmanians have signed up to use the app that is enabling users to adapt their behaviour and manage daily activities to improve their quality of life.

This Sense-T Project is a collaboration between the University of Tasmania's Menzies Institute for Medical Research, Medical School, School of Biological Sciences and Sense-T.



Start using AirRater app now
Download from Google Play or iTunes