

Tasmania has some of the cleanest air in the world.  
We have shown readings of less than 5ug/m<sup>3</sup> are possible for extended periods of time when burning stops.

It is time all of Australia now caught up with the health science and adopted PM2.5 BINARY HEALTH-BASED CATEGORIES and Comments, with:-

- i) One hour rolling average air monitoring,  
NB: 1-hour averages are already in use in some jurisdictions.
- ii) 10 minute near real-time reporting for raw PM2.5 data.
- iii) Just two health-based categories:-
- iv) **Green:** 0-5ug/m<sup>3</sup> for good air.
- v) **Red:** unhealthy air for everyone.
- vi) Any episode above 5ug/m<sup>3</sup> being classed as an exceedance.
- vii) Confusing AQIs removed. Individual raw pollutant readings coming straight off the instruments.
- viii) No exceptions, e.g. bushfires, planned burning, solid fuel heating, etc.  
Smoke is smoke as far as our health is concerned.

This is what mandatory health-based PM2.5 category right across Australia and the world should look like:



**NOTE:** 5ug/m<sup>3</sup> is considered to be good ambient air.  
5ug/m<sup>3</sup> should be considered a Practical Threshold for AAQ when there is no safe level of Particulate Matter and where 0ug/m<sup>3</sup> is almost impossible to meet.