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## **Graffiti and Public Infrastructure Inquiry**

**graffit-e-nose** TM**Invented and made in Sydney to fill a global need**

I write on behalf of E-Nose Pty Ltd, to invite the Members of the Committee to consider the E-Nose system as an effective anti-graffiti strategy for public infrastructure and to visit us for a demonstration of the invention.

We have invented and are in the process of commercialising a form of electronic nose (chemical sensing system for airborne chemicals) that recognises the fumes of graffiti spray paint and inks, and sends a silent alarm to a relevant authority.

We have shown that the "graffit-e-nose" can alert authorities with sufficient time to result in several gangs of graffiti vandals being caught red handed damaging public infrastructure (see St George and Sutherland Shire Leader, 9 Feb 2010).

E-Nose Pty Ltd is a NSW company already providing anti-graffiti systems in NSW, employing NSW people and associated materials and services.

Our graffit-e-nose system has also been shown to create a deterrence around public buildings, such as the Ellermore Vale

Community Centre in Newcastle and the 1st Alchiringa Scout Hall in Miranda. The device has an effect of increasing the risk of being caught and facing the consequences of their actions. Until the introduction of this technology, the vandals perceived their actions as having very low risk, and they have conducted themselves with relative impunity, hiding from CCTV by means of hoods and spray paint masks and using the cover of darkness.

Our technology offers protection from desecration of national monuments and memorials, heritage structures and iconic items of NSW infrastructure.

The effective range has been developed using ducting and attention to wind patterns to a radius of 100 meters. It operates day and night and in all weathers.

The graffiti-e-nose system is highly cost effective when compared with ongoing and growing costs of clean-ups and can pay the purchaser or renter back based on savings from other forms of graffiti-related cost. A system can be rented of as little as \$200 per week. They work continuously "24/7" and their maintenance requirements are minimal.

We are developing a system suitable for deployment inside rail carriages.

Our clients in the fight against graffiti vandalism include:

Newcastle City Council  
Sutherland Shire Council  
Campbelltown City Council  
1<sup>st</sup> Alchiringa Scouts, Miranda  
NSW Police, Cronulla  
Salisbury Council, S.A.

Users of our E-Noses in the field of air pollution measurement include:

Shell Bitumen Australia  
Shell Oil Australia  
Effem Foods Ltd  
Cargill Meats Wagga Wagga  
T&J Meats, SA  
Tey's Bros Ltd Qld  
Australia's Country Choice  
Australian Meat Holdings Ltd, Qld  
South East Water, Vic

Barwon Water Vic  
Brisbane Water  
NSW DECCW  
Hong Kong EPD  
Manilla Water, The Philippines  
eTekwini Water South Africa  
Ecometrika, Santiago, Chile  
CSIRO Div Atmospheric Physics  
RMIT, Melbourne  
Kobe Shoin University Japan

We invite the Committee to come to the Australian Technology Park where we would be delighted to demonstrate the technology to you and introduce you to the inventors and stakeholders in E-Nose Pty Ltd.

We urge the Committee to assist us in gaining a foothold in the commercial world with this invention by encouraging local governments and state-owned infrastructure managers to at least try it out. While we acknowledge the excellent assistance received over the past seven years from the DSRD and DII, and the Australian Technology Showcase, we urgently need purchase orders to drive our commercialisation, the result of which will be direct benefits from the eradication of graffiti from NSW public infrastructure, heritage and private property and the development of a healthy business employing people in NSW and bringing in earnings from export sales.

Further information can be gained from our website: [www.e-nose.info](http://www.e-nose.info), or e-mailing me at [g.bell@e-nose.info](mailto:g.bell@e-nose.info).

Thank you for your attention.

Yours faithfully,



Graham Bell, PhD.  
Managing Director, E-Nose Pty Ltd.