

INDUSTRIAL EMISSIONS

Our company

Zephyr Environmental (Zephyr), is a boutique environmental consulting practice specialising in air quality and carbon management. We aim to form enduring and trust-based relationships with our clients to help them solve their most challenging environmental problems.

Our decentralised and agile structure enables us to handle the most complex assignments while remaining small enough to prioritise excellence in delivery while minimising business disruption for our clients. Our value lies in de-risking projects and providing trusted expert advice.

Our core value is 'We are a breath of fresh air, to our clients and our people.'
This is more than just a tagline; we strive to ensure that our clients have a significantly different, positive experience when working with us.



We strive to deliver practical, defensible advice that de-risks operations to ensure good environmental outcomes.

Services we provide:



Meteorological modelling



Air quality monitoring programs



Odour & dust management



Regional airshed management



Environmental & GHG audit / assurance



Air emissions management



Carbon mitigation & management



Data analysis & interpretation



Atmospheric dispersion modelling



Flagship Industrial Emissions Projects



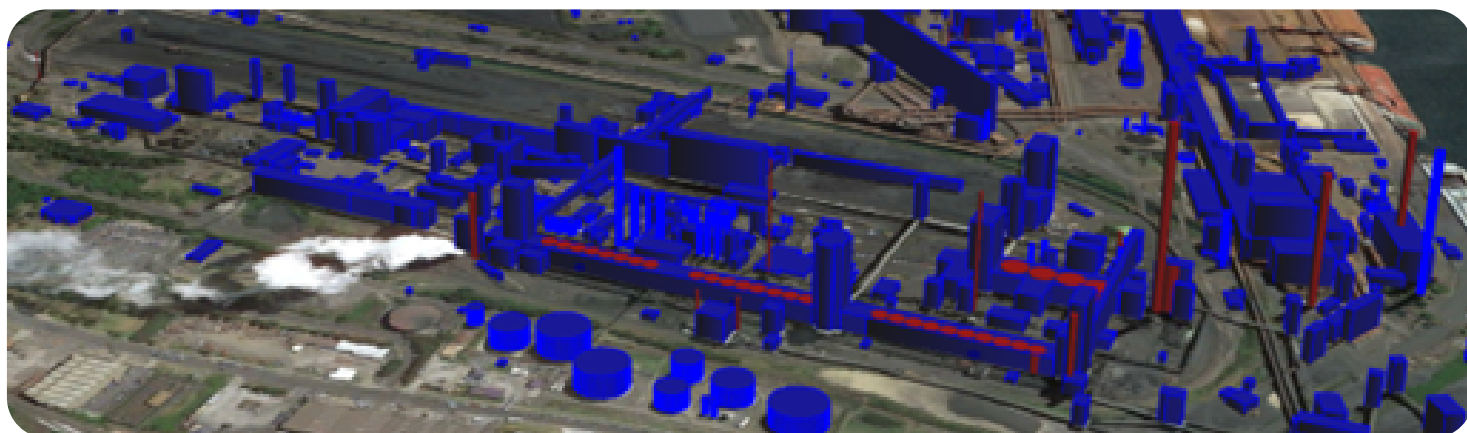
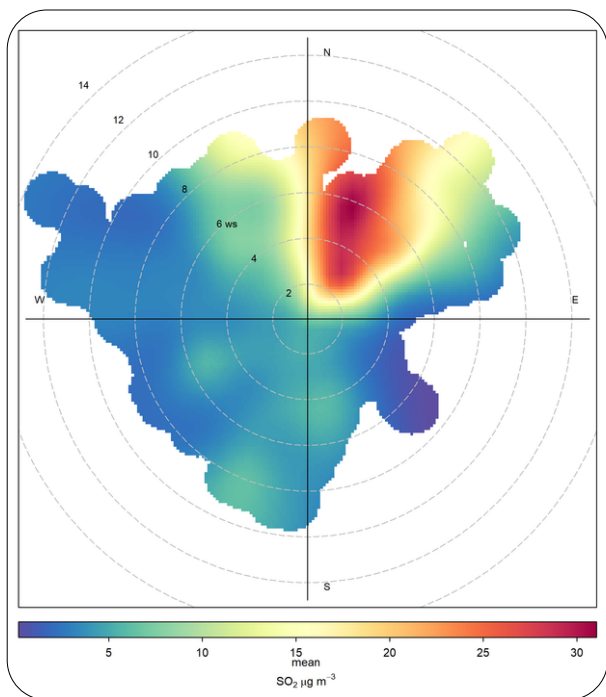
Development of a Steelworks Site-Wide Air Emissions Model

We developed a site-wide atmospheric dispersion model for a major steelworks to enable the client to add or remove industrial emission sources and assess alternate operating scenarios. The model incorporated more than 40 stacks, area sources and several buoyant fugitive sources, and included multiple pollutants such as particulates, gases and metals. This work now provides the client with a flexible tool to support environmental management and long-term planning.

Programmatic Greenhouse Gas Auditing for an Oil & Gas Major

We completed multi-year greenhouse gas and energy audits across all Australian assets of a major Oil & Gas company. The program included audits under the National Greenhouse and Energy Reporting (NGER) Scheme and ISO 14064 assurance for both methane and greenhouse gas emissions. Audit scopes covered upstream facilities (coal seam gas wells, central processing facilities and a power station), midstream LNG operations, and western assets including a floating LNG facility and supply base. This work gave the client confidence that they could rely upon robust data in terms of their greenhouse emissions profile.

If these case studies — or any of the other services we offer — sound like they could add value, please don't hesitate to reach out. Our team is always ready to discuss your goals, answer any questions, and explore how we can best support your success.



Get in touch with our team at:



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Zephyr Environmental



www.zephyrenviro.com