



WKC Group is an award-winning, international

Environmental Consultancy Firm

Through specialist, science-based study we advise clients in various sectors including;













We operate out of strategically located offices in the Middle East, Africa and Europe.

Our services are broadly categorised as follows;

- Air Quality
- Noise & Vibration
- Hydrodynamic Modelling
- Ecology (Marine and Terrestrial)
- Environmental and Social Impact Assessment
- Assurance
- Sustainability Reporting
- Geospatial Solutions

While supporting developments that make our lives stronger, safer and richer, our mission is to promote a healthy future for our world and all of us that call it home.

OF SERVICE EXCELLENCE











continuously evolving. We actively participate in several professional bodies which





include:













One way to establish airborne pollutant concentrations arising from industrial facilities would be to measure the levels of pollutants emitted to the surrounding environment.

Air quality impact evaluations are unique to each project and require case-by-case consideration by the specialist consultant and local regulator.

A classical tiered approach is used in the selection of an appropriate air dispersion model which is outlined below:



Level 1 assessment provides an estimate of the worst-case air quality impacts using screening models.



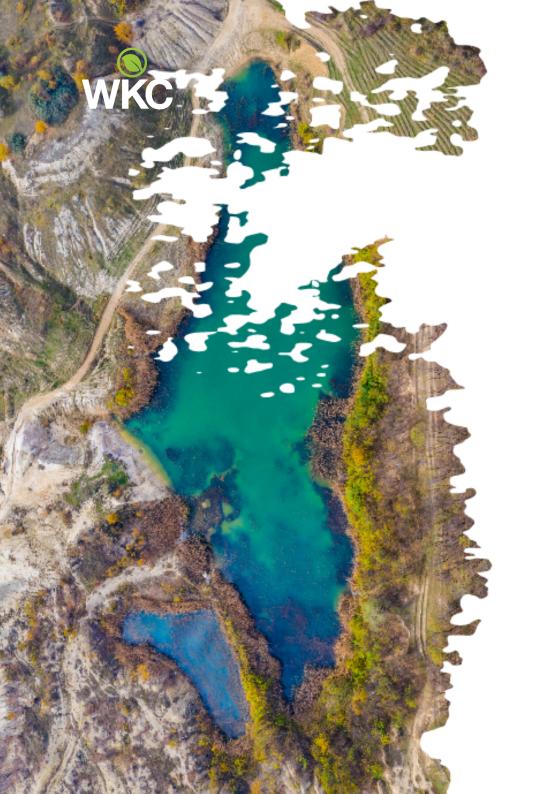
Level 2 assessment is used for air quality impact assessment in standard/generic licence or amendment processes, and usually requires the use of US EPA models such as AERMOD and CALPUFF.



The aim of a Level 3 assessment is to provide reasonably accurate estimates and a detailed assessment of the likely air quality impacts associated with a project. These models require detailed meteorological, geophysical and source input.

Our team has collectively completed in excess of 150 air dispersion modelling studies since inception.









A greenhouse gas (GHG) inventory is a list of emission sources and the associated emissions quantified using standardised methods. Organisations develop GHG inventories for a variety of reasons, including:



Managing GHG risks and identifying reduction opportunities.



Participating in voluntary or mandatory GHG programs.



Participating in GHG markets.



Achieving recognition for early voluntary action.

Our consultants at WKC specialise in inventory preparation using internationally recognised standards and protocols, through the use of measured data (emissions monitoring data), stoichiometry (for bespoke fuel usage) and emission factors for sources where detailed data is not available.



Enviable Track Record



Air Quality projects worked on



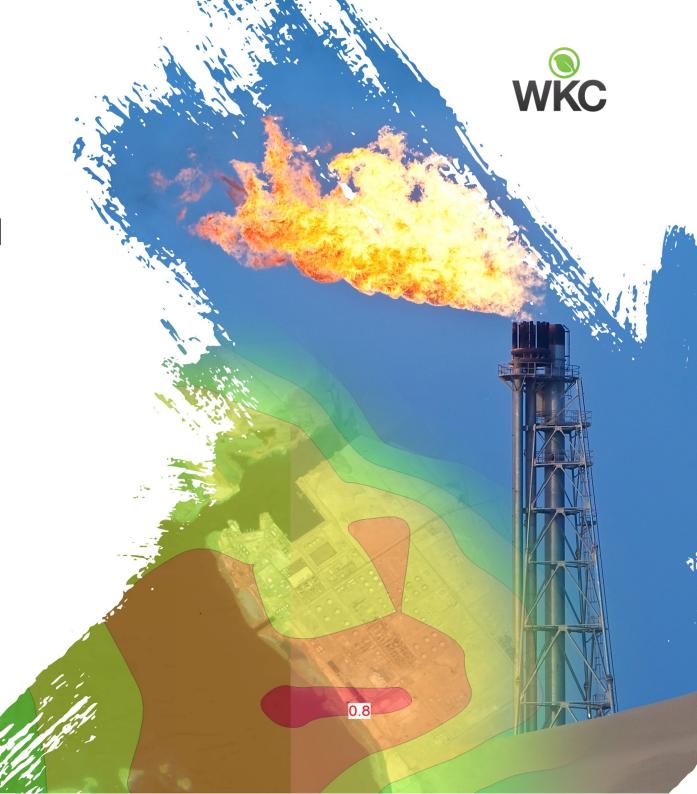
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Countries advised in



\$100 Bn+

Capital Value of developments supported







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WKC Group

UK

London

UAE

Abu Dhabi Dubai

South Africa

Durban