

Noise and Vibration Services

wkcgroup.com





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
- Marine Modelling
- Ecology
- Environmental and Social Impact Assessment
- Assurance
- Environmental, Social and Corporate Governance
- GIS & Remote Sensing

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.





WKC's Noise and Vibration Services

WKC offer a wide range of noise and vibration services. With our professional associations, international experience, and utilising our specialist assessment tools our consultants and engineers offer efficient and robust solutions to meet our client's needs.

WKC is a leading provider of noise consultancy and engineering services including:

- Environmental noise impact assessments
- Industrial noise studies
- Industrial and environmental noise monitoring surveys
- Acoustic design and mitigation assessment
- Acoustically and Flow Induced Vibration (AIV/ FIV) studies
- Noise training courses
- Noise modelling and mapping
- Windfarm noise and flicker assessments

Why us?

WKC have advised our clients in over 50 countries and look beyond regulatory requirements to identify ways to improve performance and drive innovation. Our noise and vibration surveys and assessments are conducted by highly competent scientists with years of expert knowledge and experience. We have successfully completed noise studies across a wide range of sectors including oil & gas, petrochemical, mining, renewables, power and transportation.





About Our Noise and Vibration Services

Noise issues are a worldwide problem, however, the approach to dealing with them differs from country to country and project to project. Cultural, economic and regulatory differences can be complex, demanding only the most experienced professionals to help achieve development goals to the satisfaction of all stakeholders. WKC offers comprehensive noise and vibration consultancy services across a wide range of industries and sectors, conforming to industry standards, national legislation and international best practice.

Ranging from the provision of software and professional training, through to carrying out surveys and complex design and mitigation studies, WKC offers an unrivalled range of high value services to meet our clients' needs.

SoundPLAN Noise Modelling

WKC are the UK distributors and technical support team for the world-renowned noise modelling software package, SoundPLAN. This market leader in noise modelling software provides accurate noise simulations from sources such as road traffic, rail, industrial facilities, and aircraft. WKC offer regular classroom-based and bespoke SoundPLAN training courses for UK and international customers.





WKC undertake hundreds of noise and vibration projects each year across Europe, Africa, the Middle East and Asia for a wide range of clients including FEED and EPC contractors, oil & gas operators, developers and engineering consultancy companies.

Some of our recent, high profile projects have included:

- Noise assessments of wind farms to international lender standards – Egypt, Ethiopia, Jordan
- Acoustic studies including aircraft and airport noise, road traffic noise and masterplan residential assessments for a giga-project - Saudi Arabia
- Site-wide acoustic studies including internal noise assessments of plant rooms, predictive noise modelling of process units and piping noise assessments for a refinery complex – Singapore
- Acoustic Induced Vibration (AIV) and Flow Induced Vibration (FIV) analysis for an offshore oil field development – Saudi Arabia
- Environmental noise assessment and review of noise mitigation measures for the construction and operation of a rail network – UAE
- Hosted training events using the noise modelling software SoundPLAN - UK
- Noise modelling for a proposed residential development - UK

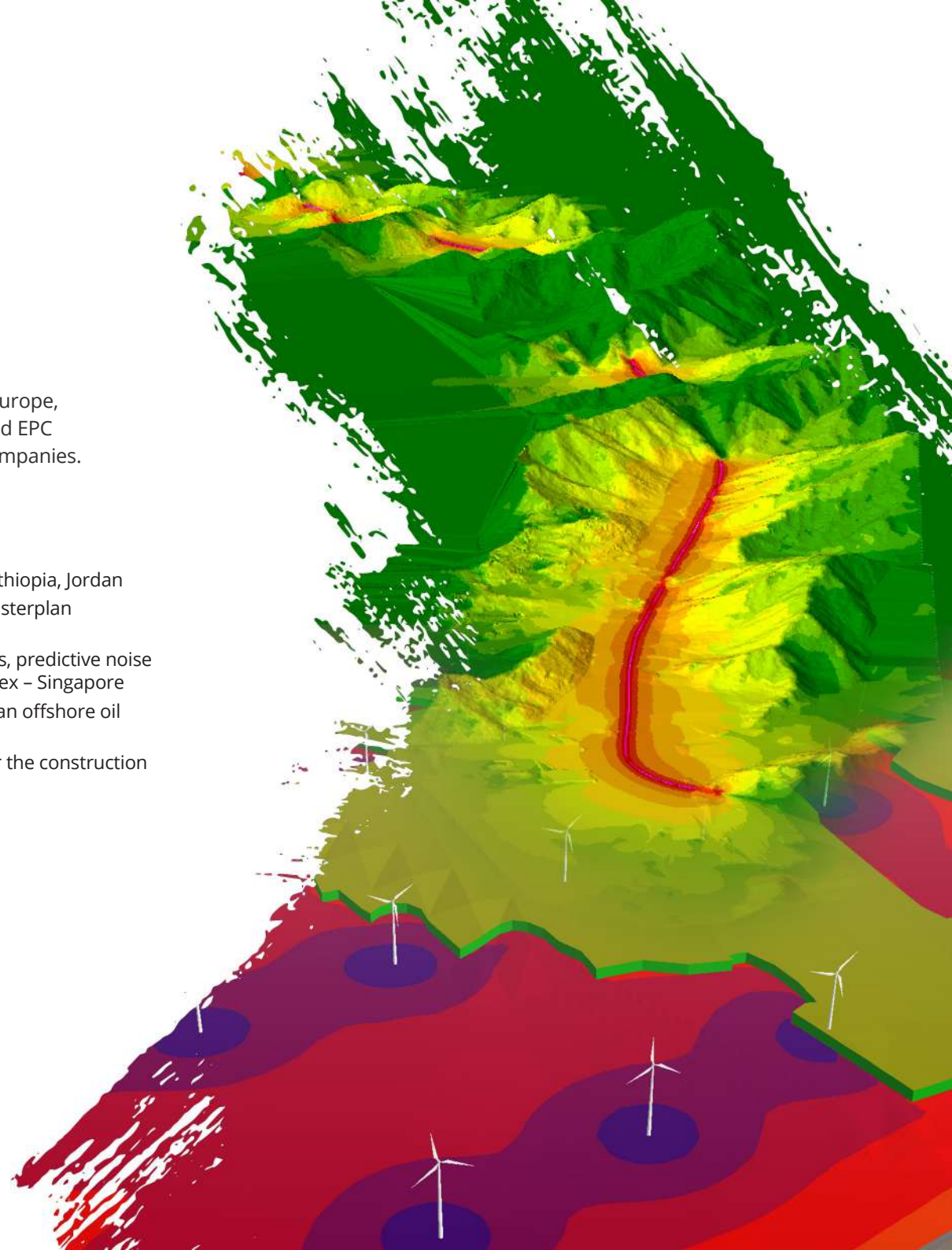
Want to find out more?

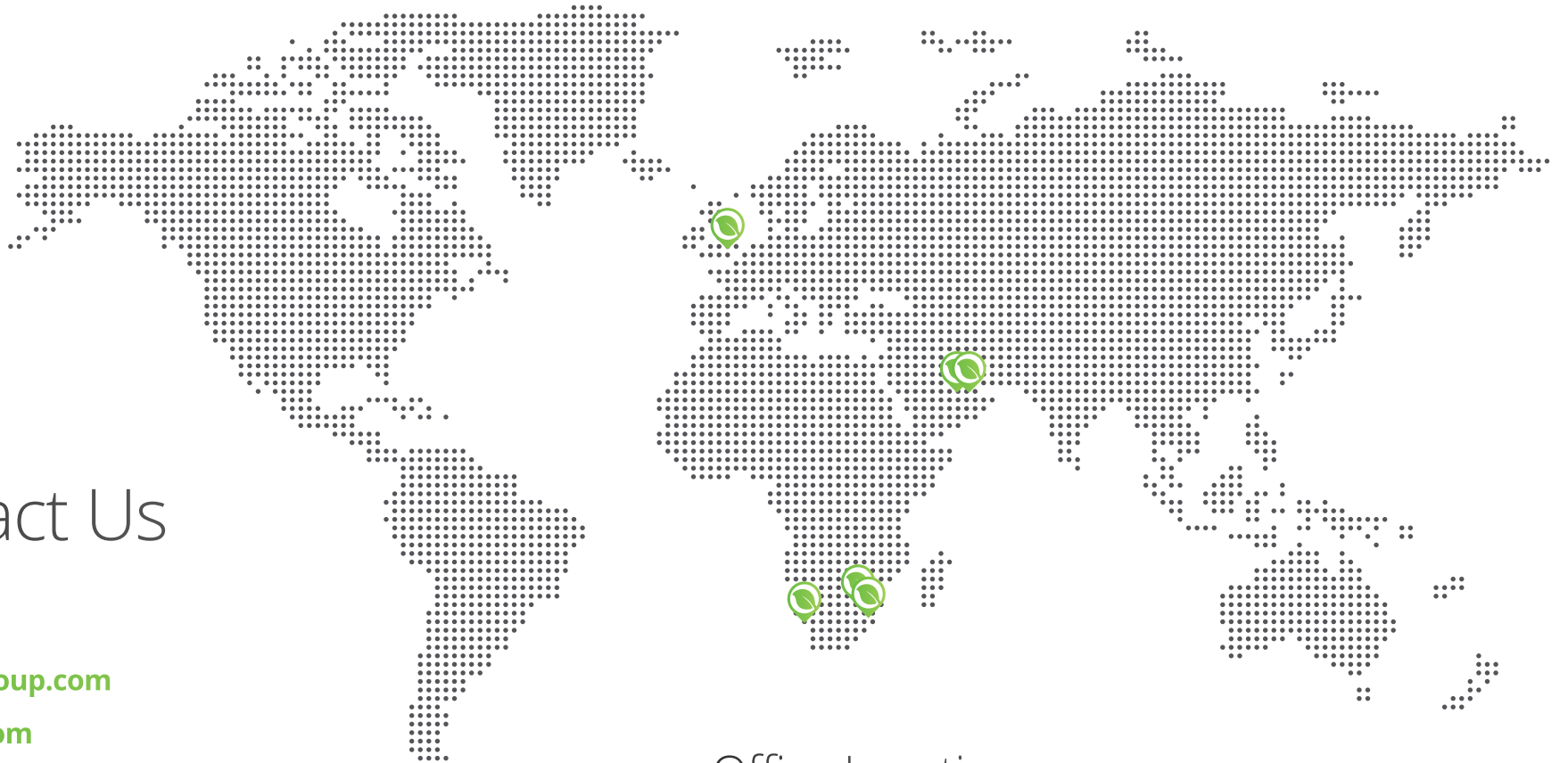
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South Africa

Durban

Cape Town

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