

Ecology 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 Ecology Services

WKC offer a wide range of terrestrial and marine ecology services. With our rich experience and extensive knowledge we ensure that the correct survey and assessment methodologies are applied to each project, meeting local and international standards and regulations, and applying the latest best practice and innovative technologies.

WKC is a leading provider of ecology services, including:

- Terrestrial and marine ecology surveys
- Ecological impact assessments
- Benthic infauna sampling and analysis
- Biodiversity management plans
- Habitat enhancement
- National park planning and operation
- Remote sensing and habitat mapping
- Species translocation planning, implementation and monitoring
- Dangerous species awareness and training

Why us?

We have advised clients in over 50 countries and look beyond regulatory requirements to identify ways to improve performance and drive innovation. Each WKC ecology project is conducted by suitably qualified, experienced and recognised teams of specialists.





Terrestrial Ecology Services

WKC's experienced ecologists are passionate about understanding and protecting our terrestrial environment. We work closely with developers from a range of sectors to ensure that their activities do not cause undue disturbances to the natural world around them. With careful planning and the right expertise we constantly seek opportunities to enhance the quality of our clients' developments, the experience of the end user, and the health of the local ecosystem for a truly sustainable solution.

Our ecologists are fully equipped to be able to undertake surveys in even the most hostile and remote environments. In addition to the use of highly innovative remote sensing and satellite imagery software for habitat mapping, we maintain an inventory of specialist equipment for recording and trapping animals to assist with ecological surveys, including:

- Advanced data capture, tracking and management field devices
- Bat detectors
- Mist nets for birds and bats
- Motion-activated camera traps
- Walk-in traps for small animals
- Infra-red night vision equipment
- HD cameras with specialist lenses
- Binoculars and spotting scopes





Marine Ecology Services

Our broad range of marine ecology and marine science expertise is underpinned by our unique, parallel use of remote technologies and on-site surveys. WKC aims to provide holistic and up-to-date data sets using modern survey techniques and sophisticated mapping software.

WKC also has the ability to design and implement water quality and sediment sampling programmes for a variety of situations using both in-situ and ex-situ techniques.

Our comprehensive impact assessment tools include the highly sophisticated range of MIKE marine modelling software systems, providing the powerful combination of local field observations with advanced desktop oceanographic simulation techniques.

WKC utilise a variety of marine ecology survey techniques including:

- Drop Down Video (DDV) and Baited Remote Underwater Video (BRUV) surveys
- Marine mammal and reptile observations by accredited MMRO's
- Surface swimming surveys (snorkel diving or snorkel transect)
- Transect and quadrat sampling for benthic communities
- Underwater visual census (underwater transect survey) or diving surveys
- Water quality and sediment sampling and assessment





Our team has extensive experience supporting developments in various sectors such as the oil & gas industry, petrochemicals, mining & metals, power & water and infrastructure & development. Our ecology services are utilised by the private and public sector alike.

Some of our recent, major ecology projects have included:

- Comprehensive design and operational support services for a national mangrove park – UAE
- Industrial city planning, ecology surveys and assessments – KSA
- Industrial port ecology surveys and assessments – UAE
- Onshore and offshore oil & gas ecology survey projects – UAE
- Seasonal terrestrial ecology surveys for a major property development – Qatar
- Strategic, regional ecological assessments on behalf of a government department – UAE
- Upstream oil development remote sensing, habitat mapping and ecological assessment – Libya
- Venomous snake handling and first aid training – UAE

Want to find out more?

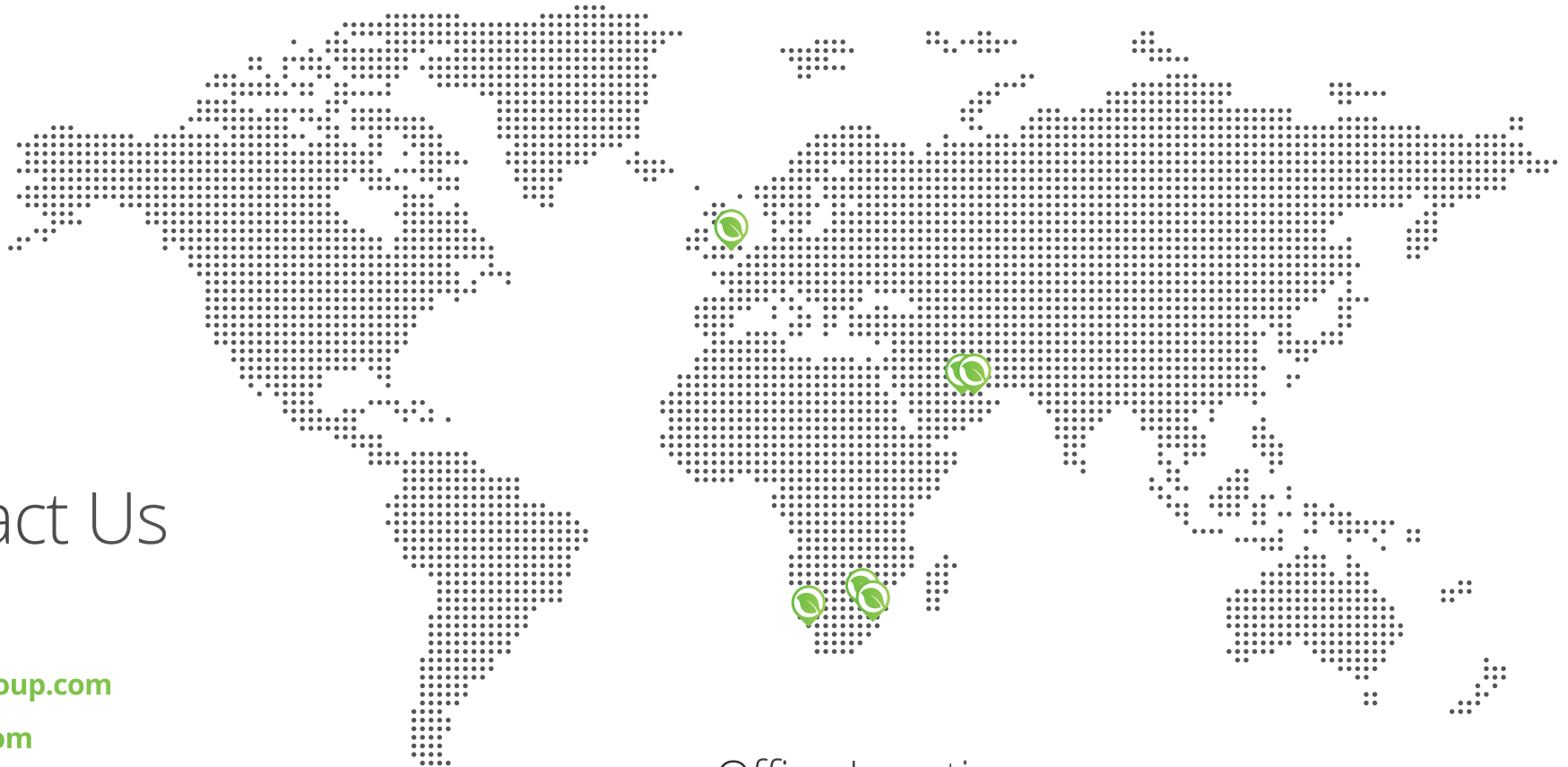
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WKC Group

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