

Oil and Gas Services

Yordas is a leading global provider of scientific, environmental and regulatory consulting services. As a strategic partner, Yordas is focused on adding value throughout the lifecycle of an oil and gas project. We recognise that safety, efficiency and reliability are your top priority and we offer a range of services tailored to the upstream and downstream sectors.

Upstream

From exploration to development and production, our services for the upstream sector can help you meet and maintain regulatory compliance. As a leading provider of regulatory and scientific services, we can assist you in managing business risks, achieving and maintaining regulatory compliance and developing a greener, more sustainable product portfolio. Yordas can support the upstream oil and gas activities with the following services:

- Permitting and regulatory compliance
- Environmental management systems
- Hazard and risk assessment
- Product sustainability and green chemistry
- Public and stakeholder engagement
- Contaminant dispersion modelling
- Expert technical services to support litigation

Downstream

In the downstream oil and gas market, Yordas brings sustainable solutions to the refining and processing of crude oil and natural gas. Our team of chemists, (eco)toxicologists, environmental scientists and exposure specialists are highly experienced in dealing with complex petrochemical substances. Some of the services that we offer to the downstream sector are:

- Technical data acquisition and management
- Laboratory testing design and management
- Product sustainability and green chemistry
- Substitution strategies
- Assessment of chemical performance requirements
- Proof of concept testing
- Regulatory horizon scanning using Chemtrac

Our global expertise spans across several areas:

CHEMISTRY

REGULATORY COMPLIANCE

TOXICOLOGY

Project Examples: Upstream

Yordas has extensive experience in supporting offshore oil and gas projects in the North Sea. We can support all aspects of the registration of offshore chemicals under the Harmonised Mandatory Control System (HMCS) for the use and reduction of the discharge of offshore chemicals (OSPAR Decision 2000/2), including the preparation of regulatory submissions, the provision of guidance for substitution warnings and the completion of hazard and risk assessment using the CHARM model.

Downstream

Yordas offer substitution strategies, which incorporate the concept of Green Chemistry, and allow us to promote sustainable substitutions. If your products contain substances with an unacceptable hazard profile or if their components become subject to restrictions, your business may decide to replace them with more benign alternatives. We can support you in creating a comprehensive substitution strategy, giving due consideration to the implications for your manufacturing processes and product applications.

How we can help?

Yordas can support oil and gas at all project stages:

- Prepare environmental regulatory scoping assessment
- Identify stakeholders and develop stakeholder engagement strategy
- Perform data gap analysis, testing strategies, read-across justifications, and expert assessments for regulatory submissions
- Develop substitution strategies to promote the use of sustainable chemicals
- Develop bespoke modelling techniques to predict contaminant dispersion

Yordas Group
Lancaster Environment Centre
Lancaster University, Lancaster, LA1 4YQ, UK

☎ +44 (0)1524 510278

🌐 www.yordasgroup.com | ✉ info@yordasgroup.com

