RPS Integrated Risk Management Solutions provides specialist HSE & Risk Management consultancy services to the energy industry and other major hazard industries. We specialise in the management of health, safety, environmental, social, security and other related business risks in the oil and gas, nuclear and renewables sectors.

What distinguishes us

- Client focus and quality of service
- Deep knowledge of each sector of the industry
- Fully integrated HSE & Risk Management services
- Wide experience of cross sector best practice
- Ability to help find cost effective solutions
- Enthusiastic, creative and innovative consultants
- Support throughout project or facility lifecycle
CAPABILITIES

We provide comprehensive Integrated Risk Management Solutions ranging from governance, reputation and crisis management through to assessment and management of operational risks across the business and into front-line operations.

**Strategy, Policy and Management Plans**
Identify significant issues and risks and develop risk management strategies, policies and plans to effectively communicate and manage these.

**Management Systems**
Facilitate building and integration of HSE and risk management systems needed to implement policy and strategy. This includes systems to meet specific standards (e.g., ISO 9000 and 14000, OHSAS 18000 etc) to fully integrated business management systems.

**Audit and Verification**
Conduct audits to verify compliance with management system and regulatory requirements. Facilitate periodic management reviews to ensure continuous improvement in performance.

**Regulations Analysis and Permitting**
Analyze local regulations, determine specific requirements for the planned work and manage the permitting process. This often includes consultations with the regulator and third parties.

**Competence and Training**
Assess competency and training needs of staff, and provide training. This ranges from staff inductions, through leadership and management/workplace training to emergency response training.

**Risk Assessment and Management**
Systematically identify, assess and recommend controls to manage risks. This includes use of a range of qualitative and quantitative assessment techniques, risk registers and development of Safety/COMAH Cases for major hazard facilities.

**Environmental Assessment and Management**
Systematically identify potential environmental and/or social impacts, and assess/manage them within the business. This includes environmental and social baseline studies, surveys, modeling and development of environmental and social impact assessments, management and monitoring plans.

**Emergency Planning and Business Continuity**
Identify potential emergency scenarios and develop plans to control such incidents and return the situation to normal as soon as possible. This includes Crisis and Emergency Management Plans, supporting contingency plans (e.g., Security, Oil Spill Contingency Plans), Disaster Recovery Plans/Business Continuity Plans. Provide training to support these.

**Project & Operations Management and Support**
Provide operational and project HSE management and support. This includes providing project and operations planning, permitting, contractor assessment/management, development of project and operational systems (e.g., safe operating procedures, bridging documents to interface with main contractors etc) and provision of personnel for project/field supervision.
Our risk management services can be provided across the full business lifecycle from inception, through planning and building to operations and eventually decommissioning. We offer flexible delivery of our services to meet our client’s particular needs which can involve one or a mix of:

- Multi discipline team to work on a particular project,
- Highly qualified individuals for management or field supervisor roles,
- Coaching and training to facilitate knowledge transfer,
- Independent assessor to verify systems/performance.

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ACROSS THE GLOBE

We have worked for a wide range of energy companies across the oil and gas, nuclear and renewables sectors, in both the public and private sectors in all parts of the world.

Within RPS, we have an annual portfolio of over 2000 energy projects, in over 100 countries, for over 200 clients. Projects are managed from regional offices in the UK, Ireland, the Netherlands, USA, Canada, Singapore, Russia, Australia, Brazil, UAE and Malaysia, enabling us to maintain close relationships with our clients.
CASE HISTORIES

**Client/Project:** Neptune (Uganda) Ltd. Exploration Operations Block 5, Northern Uganda  
**Duration:** 2008 - 2012  
**Disciplines:** HSE Management  
Neptune (Uganda) Ltd, a subsidiary of Tower Resources, retained RPS as their HSE Advisors during the planning and execution of their exploration in the Nile valley in northern Uganda. RPS worked with Neptune to provide a broad range of HSE support both at the strategic and operational levels including provision of HSE planning support, EIA QA/QC review, HSE training and capacity building and in country HSE support, including:
- Preparation/Implementation of HSE Management Systems
- Provision of Integrated HSE Management Plans for drilling & seismic operations
- Management and QA/QC of the EIA prepared by in country consultants.
- Training of the Neptune HSE Manager
- RPS personnel as the on-site drilling HSE Advisors.
- In country HSE support including waste management strategies and plans, stakeholder consultation, monitoring programmes, HSE audits and Emergency Response training.

**Client/Project:** PD/Maersk/ITF. UKCS Decommissioning Projects  
**Duration:** 2009 - 2012  
**Disciplines:** Environmental Risk Assessment, EIA  
Subsea pipeline bundles integrate all the required structures, flowlines, control systems and pipework necessary to operate an oil field into a single subsea component, providing an engineering solution for locations where traditional pipeline/control installation is not economically viable. There are currently over 60 bundles have been installed in the North Sea, and due to their size (similar to trunk lines) they present particular technical decommissioning challenges. RPS has worked closely with industry to help understand the environmental risks associated with the decommissioning of pipeline bundles. Support includes comparative risk assessments/EIA for the Maersk Leadon Field decommissioning project (northern North Sea) as well as EIA input to a Joint Industry Project to identify the factors/risk associated with the available pipeline bundle decommissioning options.

**Client/Project:** OHS Management System Development, Australia  
**Duration:** 2008 - Ongoing  
**Disciplines:** Management Systems  
Coal seam gas (CSG) occurs naturally within coal deposits. CSG has developed rapidly in Australia over the last decade, emerging as a flexible, clean and competitive source of energy in an expanding economy seeking lower pollution fuels. RPS was commissioned to coordinate development and documentation of one of Australia's largest coal seam gas acreage holder's Occupational Health and Safety Management Systems (OHS MS) for their current domestic and international operations. Facilitating the work through a Steering Committee, RPS helped develop OHS Policies, Standards and some 130 supporting procedures, encompassing the management of risks related to personnel, and equipment performance monitoring and systems auditing. RPS was assigned the responsibility for system roll-out and training across the client's operations.
Client/Project: Sellafield Waste Retrievals Project, UK  
Duration: 2007 - Ongoing  
Disciplines: Risk Assessment and Management

Sellafield is one of the most complex and compact nuclear sites in the UK, activities are centred around remediation, decommissioning and clean up of nuclear waste. The site is also home to the Thorp and Magnox reprocessing plants, the Sellafield MOX plant and a wide range of waste management and effluent treatment facilities.

RPS is currently undertaking a number of safety programmes associated with operation, maintenance and modification of a silo facility storing Magnox/LW waste under water. This work requires various operational safety assessments/reports to support the facility Safety Case and proposed plant modifications to improve performance.

RPS is also supporting a number of other projects and operations, including the Waste Retrievals Project, the Silos Direct Encapsulation Plant and the Silos Maintenance Facility.

Client/Project: Smartwind. Hornsea Project One and Project Two Offshore Wind  
Duration: 2011 - Ongoing  
Disciplines: EIA Management Consultancy

RPS has acted as lead EIA consultants for the first two projects in the Hornsea Round 3 Zone – one of the largest offshore wind development zones in UK waters. Both Projects are categorised as Nationally Significant Infrastructure Projects (NSIPs) under the Planning Act 2008 (as amended).

RPS has supported Smartwind, providing lead EIA support to both projects through all stages of the EIA process, including scoping; working closely with the development team. This has included stakeholder management, technical specialists, project management and Environmental Statement (ES) preparation.

In addition, RPS’s technical capabilities have been employed across many disciplines, including Benthic Ecology, Fish and Shellfish, Ornithology, Marine Mammals, Terrestrial Ecology, Land and Seascapes and Marine Archaeology.

Post EIA submission, RPS has also provided expertise at the examination phases.

Client/Project: South Hook LNG Terminal, Milford Haven, UK  
Duration: 2002 - 2012  
Disciplines: Regulations Analysis and Permitting/Environmental Assessment and Management

A consortium comprising Qatar Petroleum and Exxon Mobil is developing a new Liquid Natural Gas Facility at Milford Haven. The project represents US $1.1 Billion construction and development programme including the construction of a dedicated fleet of specialist LNG tankers larger than any in current existence.

Construction commenced in 2004 on approximately 40% of the old Esso refinery at Milford Haven and is one of a number of options that is being selected to bridge the gap in natural gas supply to the UK for the next 25 years.

With its ability to provide a complete range of integrated environmental, planning and permitting services, RPS was appointed to lead all the permitting and environmental work including all site investigation, risk assessment, remedial design and contract management on this prestigious project.