



The challenge

Industry is facing increasingly complex challenges in the Health Safety and Environment (HSE) sector. Legal requirements change frequently and are becoming more complex and stringent. The number of stakeholders is also increasing, ranging from NGO's and the media to the general public. Each stakeholder focuses on different HSE issues in relation to risks, impact and performance.

Most companies are striving to achieve more sustainable processes, products and services. HSE (risk) management should work as a sound basis towards a higher level of Corporate Social Responsibility.

The key challenges of HSE are the efficient and effective management of compliance as well as the management of risks and opportunities. High public awareness also makes it essential that every relevant HSE issue is properly documented.

Royal HaskoningDHV's mission statement is to deliver a more sustainable future, captured in our motto 'enhancing society together'. The challenge of our HSE management services is to work together with our clients to deliver more sustainable solutions, exceed their expectations and achieve a better, brighter future.

Our solutions

Our HSE experts work in partnership with you, combining our experience and knowledge of the industry with relevant aspects of your organisation and approach to align the key management systems wherever possible.

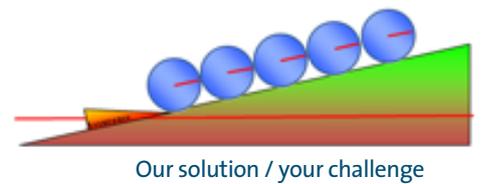
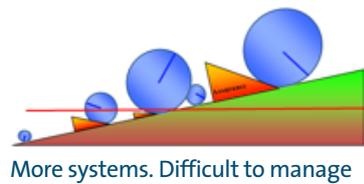
Our professionals have experience of all relevant management system standards including:

- ISO 14001 and EMAS (environment)
- OHSAS 18001 (safety)
- ISO 9001 (quality)
- ISO 50001 (energy)
- NTA 8620 (external safety)
- ISO 26000 (Social Responsibility)

HSE is only one of the areas organisations have to manage. This can often lead to situations where non-compliances or major HSE risks are not identified because management are focussing on other areas of the business. Our solution to this problem is to 'synchronise the management tasks' of the different systems.

A single system is presented as a standard Deming Cycle with assurance (in orange) preventing the organisation from slipping back below compliance level (red line). Management systems without synchronisation are very difficult to control, so our solution is to align all management tasks and combine the operational assurance elements.

Effective HSE management begins with the three most important elements of your organisation; processes, systems and culture. These elements support your overall HSE performance, and each action to manage HSE can be linked to a combination of these elements. We reduce the number of handbooks, procedures and instruction manuals to a minimum, believing that appropriate technical solutions and competent staff are more effective than voluminous documentation.



Royal HaskoningDHV delivers services for specific needs including:

- Documentation and implementation of management systems
- HSE risk analyses and compliance management
- Audits and quick scans of HSE systems and compliance
- Training for management, employees and auditors
- HSE monitoring, reporting and communication
- Interim HSE management or support.

The outcome

Our approach leads to HSE management that addresses the needs and future goals of our clients and their stakeholders. Our HSE services will enable you to become compliant and improve relevant HSE issues by identifying:

- MUST improvement actions, in case of non-compliance or high rated risks
- MAY improvement actions for lower rated risks or opportunities to improve

Clients and scope of services

We have a broad international experience with HSE management in all industrial areas and in organisations including ports, airports, hospitals, schools and universities. We are not dependent on any particular system or service, so can use best practice and our extensive experience and to design and deliver the best approach for each client to meet their specific needs.

Royal HaskoningDHV is a leading independent, international project management and engineering consultancy service provider. We deliver a wide range of multidisciplinary services to our public and private sector clients who operate in: aviation, buildings, industry, energy and mining, maritime, infrastructure, planning and transport, and water.

For further information, please contact our experts:

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