

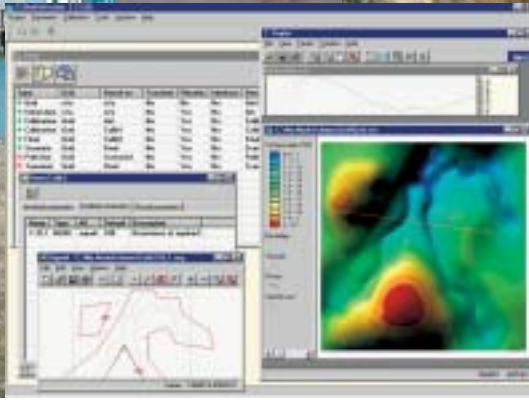
# environment



**ROYAL HASKONING**

thinking in  
all dimensions

# environment



Royal Haskoning's Environment Division, with close to 600 enthusiastic professionals, can provide clients with innovative and pragmatic solutions to the environmental challenges of today's rapidly changing world.

Royal Haskoning can offer a full range of services, covering the whole environmental field (such as: soil, waste, energy, health & safety, noise, air quality, ecology and water quality) with our technical, institutional, financial and economic expertise.

Our effectiveness comes from integrating all relevant disciplines. This enables us to provide our clients with complete environmental solutions. The key principle is sound advice based on knowledge, insight and experience.

We provide our services across a wide spectrum of the industry, stemming from the public as well as the private sector, such as: local and regional governments; governmental and non-governmental institutes and organisations; small, medium and large companies; multinationals (active in the industrial, chemical, oil & gas sector); international funding institutes (e.g.: World Bank, ADB, AfDB, EBRD) and the European Commission.

The scope of our projects ranges from concise and short-term assignments, where the client is provided with focused and straightforward advice, to very complex and long-term projects, where a custom-made approach and strong project management are essential.

We take a personal approach in all our projects. We work closely with our clients, serving them locally with experience acquired globally. Our offices all around the world give us an in-depth understanding of local conditions, and this is often crucial to the successful completion of the project.

Royal Haskoning people have a range of approaches and backgrounds, educational levels and skills. There are specialists and generalists, project managers and local staff, but they all have one thing in common - their services are geared to you.



## environmental management

- Communication and training
- Due diligence assessments
- Environmental auditing
- Environmental impact assessments
- Environmental policy plans
- Habitat surveys, restoration and management
- Hazard control and safety measures
- Health, Safety and Environment (HSE) – management and secondments
- Institutional strengthening
- Integrated coastal zone management
- Permits and legal services
- Provision of good practice guidance and documentation
- Strategic environmental assessment

## environmental technology

- Air pollution and emission reduction
- Clean technologies
- Energy technology and conservation
- Environmental sampling
- Hazardous & municipal waste management and planning
- Industrial pollution abatement
- Landfills, design and recultivation
- Noise control and vibration measurements
- Renewable energy, resources and applications
- Thermal and biological technologies for biomass and waste streams
- Water technology



## soil protection and remediation

- Brownfield redevelopment and regeneration
- Dredging and disposal of contaminated sediment
- Formulation of cost estimates
- Geo-information systems (GIS)
- Handling of obsolete stocks
- Innovative clean-up concepts and technology
- Intrusive site investigations
- Landquality reviews
- Modelling groundwater and contaminant flow
- Monitoring soil and groundwater quality
- Priority setting for landfills or industrial sites
- Real estate transactions and soil pollution
- Regional soil quality studies
- Risk assessment and analysis
- Soil and groundwater management systems
- Soil remediation, design and supervision
- Use and planning of subsoil infrastructure

# man's interface with the environment

POPULATION GROWTH AND ECONOMIC DEVELOPMENT ARE PUTTING GREAT STRESS ON OUR ENVIRONMENT. THE INCREASE IN AIR POLLUTION, WASTE PRODUCTION AND CONTAMINATED SOIL HAVE LED TO A GROWING FOCUS ON THE QUALITY OF THE ENVIRONMENT AND ON SUSTAINABLE DEVELOPMENT. GOVERNMENTS CREATE NEW FRAMEWORKS TO STRUCTURE DEVELOPMENTS, POLITICAL PARTIES INCLUDE THESE ISSUES ON THEIR AGENDAS AND THE PEOPLE BAND TOGETHER TO IMPROVE THE QUALITY OF LIFE IN THEIR OWN NEIGHBOURHOODS. NATIONAL AND MULTINATIONAL COMPANIES ARE ALSO WILLING TO INVEST MORE AND MORE IN SUSTAINABLE DEVELOPMENT.

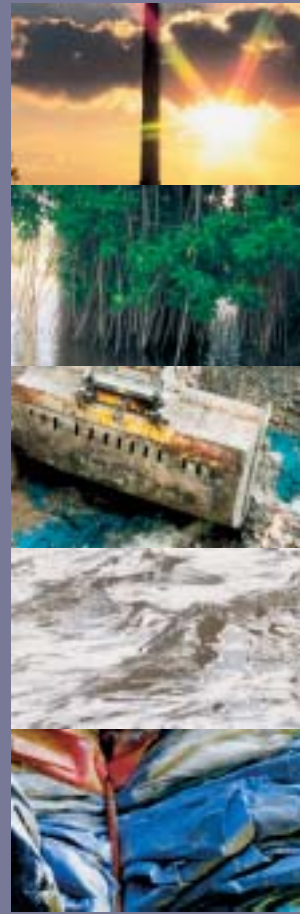
AGAINST THIS BACKDROP WE, TOGETHER WITH OUR CLIENT, DEVELOP SOLUTIONS THAT ADDRESS THE CONCERNS OF ALL STAKEHOLDERS IN THE BEST POSSIBLE WAY. WE PROVIDE ANSWERS THAT BELONG IN TODAY'S WORLD. WE SEE IT AS OUR MISSION TO CONTRIBUTE IN AN ACTIVE AND INNOVATIVE WAY TO A HARMONIOUS INTERFACE BETWEEN MAN AND THE ENVIRONMENT.



Royal Haskoning is an independent, world-wide operating consultancy firm. The basis for the firm was founded in 1881 in the Netherlands. At present, the firm's 3000 staff together combine a wide range of knowledge and experience. Rooted in a technical background, our consulting services focus on the broad field of the interaction between people and their environment. We are committed to working enthusiastically with our clients to achieve sustainable solutions in an increasingly complex society. The expertise and experience of our professionals in a variety of disciplines allow us to consider all technical, logistical, legal, organisational, social,

environmental and economic aspects of your project, in order to subsequently develop sustainable and practical solutions.

Royal Haskoning has subsidiaries and partners throughout the world. Through our branch and project offices in Europe and overseas, we have access to all major international markets. This way, Royal Haskoning can offer multidisciplinary and integrated services locally, based on experience built globally. With our personal service in consultancy, we thus contribute effectively to a successful planning, design, implementation, commissioning and operation of your projects and programmes.



Royal Haskoning is member of ONRI (Association of Consulting Engineers in the Netherlands)



Royal Haskoning is founding member of NEDECO (Netherlands Engineering Consultants), an umbrella organisation comprising independent Dutch consulting Engineers working together on international projects



Royal Haskoning is member of FIDIC (International Federation of Consulting Engineers)

# thinking in all dimensions

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