

water



**ROYAL HASKONING**

thinking in  
all dimensions

water





## water resources

Integrated water resources management is a continuous and complex process addressing a wide range of challenging issues. These can all be covered as required by the services of Royal Haskoning. Integrated water resources management is based on the perception of water as part of the ecosystem, both as a natural and a socio-economic resource. Irrigation, drainage (polders) and flood control problems are included.

- Irrigation and drainage: feasibility, design, supervision, operation & maintenance
- Dams, dykes, water control structures and reservoirs
- Flood forecasting and control
- River basin planning and management
- Hydrological modelling, water quality, monitoring networks and GIS
- Groundwater resources assessment and management
- Ecosystems, nature conservation, wetlands and environmental impact assessments
- Organisation for water management and training
- Support to water users associations
- Economics of water management



## water supply and sanitation

Reliable supply of drinking water and proper sanitation facilities are essential for public health, in urban as well as in rural areas. Soundly designed facilities should be offered to users at affordable prices, while operation and maintenance methods should comply with reliability standards and local conditions. Royal Haskoning offers services in the whole water supply and sanitation chain, whether it be financial, institutional or technical expertise.

- Sector studies and policy development
- Design and engineering of treatment systems and pumping stations
- Design and engineering of pipe works
- Master planning and design of urban and rural infrastructure
- Project management and construction supervision
- Programme and process management
- Institutional strengthening and organisational development
- Financial and economical consultancy (incl. PSP/PPP)

# water is our existence

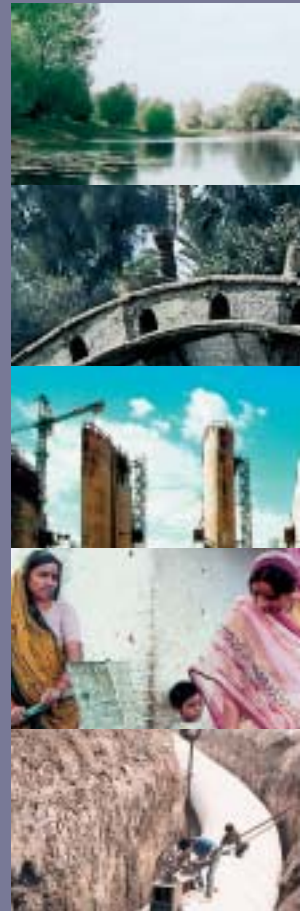
WATER IS AN ESSENTIAL CONDITION FOR OUR EXISTENCE. WATER HAS AN IMPORTANT POSITION ON THE GLOBAL AGENDA, NOW AND IN THE FUTURE. IT IS OUR GOAL TO CONTRIBUTE IN AN ACTIVE AND INNOVATIVE WAY TO SOLVING THE DIVERSE PROBLEMS RELATED TO WATER MANAGEMENT. ROYAL HASKONING PROVIDES EXPERTISE IN WATER RESOURCES AND WATER CHAIN MANAGEMENT FOR PUBLIC, PRIVATE AND INDUSTRIAL USE. WE PROVIDE PRACTICAL APPROACHES ALL OVER THE WORLD TO MAXIMISE WATER RESOURCES BENEFITS. OUR TEAMS OF ENTHUSIASTIC ENGINEERS AND SCIENTISTS ARE CONSIDERED TO BE AT THE FOREFRONT OF THEIR PROFESSION. IN ADDITION TO ALL TECHNICAL SKILLS YOU MAY EXPECT TO FIND, WE VALUE EFFECTIVE COMMUNICATIONS AND COMMITTED TEAMWORK. IN PARTICULAR, WE LISTEN CAREFULLY TO THE NEEDS OF OUR CLIENTS AND RELATE THOSE NEEDS TO THE RELEVANT EXPERTISE AND TO THE ENVIRONMENT IN WHICH WE IDENTIFY THE SOLUTIONS.



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 combines 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 allows 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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