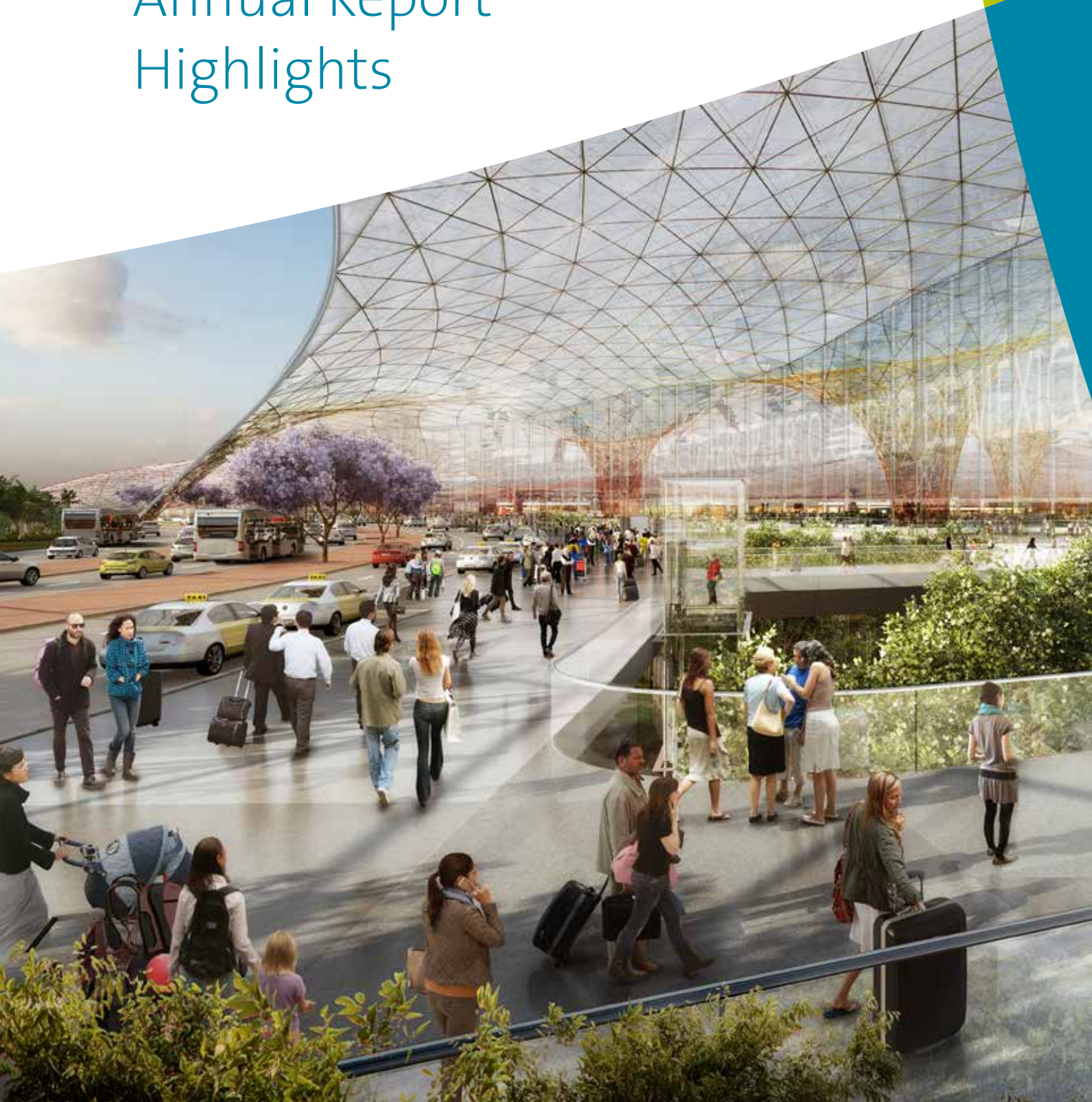


# 2015 Annual Report Highlights





# Contents

Introduction	3
Major project wins	8
Leading services	14
Awards	16
A better future for all	20
Community engagement	24
Long-lasting relationships	28
135 years heritage	34
Company Brands	38
Colophon	39

► *We invite you to explore  
our complete interactive  
annual report highlight  
magazine online on  
[royalhaskoningdhv.com](http://royalhaskoningdhv.com)*



**Cover image:** Mexico airport,  
see page 9 for more information

## EXECUTIVE BOARD AND EXECUTIVE COUNCIL

**Standing:** Jaska de Bakker (CFO Executive Board), Erik Oostwegel (Chairman Executive Board), Anton van der Sanden (Business Line Director Transport & Planning), Anke Mastenbroek (Business Line Director Water)

**Sitting:** Craig Huntbatch (Business Line Director Maritime & Aviation), Marije Hulshof (Business Line Director Industry & Buildings), Henry Rowe (member Executive Board)



# A great year making a difference in people's lives

**We've had a good year. Our success can be seen in the stories of how our work has changed people's lives for the better. It is also reflected in our financial results. We are pleased with these achievements; this success makes us more ambitious than ever in our commitment to enhance society together.**

Thousands of people's lives are changing as a result of our work. For example, from Vietnam to Mozambique, people can look forward to safe fresh water in their homes; passengers travelling through Mexico City's new international airport can expect a pleasant experience with fewer queues, great connections and easier navigation; and patients from South Africa to Belgium have fresh hope from new research labs, hospitals or treatment centres.

Projects like these that we won during 2015 are a very visible indicator of our success. They bring our brand promise alive – to Enhance Society Together. They also reinforce our belief that if societies flourish, people flourish and subsequently a company like ours will flourish too.

*"One of the most rewarding aspects of my role is seeing the results of our work in so many places around the world. For 135 years, we have successfully been delivering projects which contribute to improving living circumstances,"* says chairman Erik Oostwegel.





# Focus on strengths and opportunities pays off

**One of our strengths is the range of services we offer which are recognised all over the world as leading in their field. You can explore examples of these services on the following pages. Our strategy is to concentrate on these so-called 'Leading Services'. At the same time, we have focused on countries where we already have a presence and where we can see opportunities for growth.**

It is this focus which helped us win the prestigious projects which continue to support our leading position in services and regions, and among key clients. A few highlights from 2015: we're designing Denmark's first national centre for particle therapy which offers a new treatment for

cancer sufferers. We are also involved in a massive coastal protection programme in Bangladesh which will bring safety from flooding to hundreds of thousands of people.

We helped get consent for what will be the world's biggest offshore wind farm generating power for nearly 2 million homes in the United Kingdom, and we're widening the A1 at a congestion black spot in the Netherlands. You can explore more about these and other inspiring projects throughout this publication.

## **ACCELERATING THE VISION**

Project wins served to expand our order book by nearly 30% during 2015 and are driving the growth of our

company. We saw an improvement in net income and in profitability over the year. Strong financial performance is important because it enables us to invest in people and innovations and to grow in our key countries with all our services.

We remain ambitious. During 2015, we evaluated progress towards our strategy, Vision 2018. It is clear that the focus it is providing is delivering results. However, looking at our operations in the context of the world around us, we want to move faster. Global business is highly competitive and our clients operate in an increasingly volatile environment. Our advantage is our ability to deliver integrated solutions to the complex problems faced in society.

## **SUPERVISORY BOARD**

**From left to right:** Jan Bout, Peter Blauwhoff, Angelique Paulussen-Hoogakker, Tjalling Tiemstra, Joop van Oosten (Chairman)



As a result, we launched Accelerating Vision 2018 to increase our impact on the market. We streamlined our business to support increased collaboration and faster decision-making. Chairman Erik Oostwegel explains: *"Bringing related disciplines together into a leaner structure helps us boost collaboration and knowledge-sharing. In addition, closer alignment between global and local teams through the regional structure helps us respond to market opportunities effectively and efficiently. More integrated consultancy services increase our ability to successfully meet the ever-more complex needs of our clients."*

Structural change was one aspect of Accelerating Vision 2018. Other aspects are a stronger emphasis on a performance culture, new ways of working and supportive leadership. We are raising the bar on project management, encouraging managers to help their teams achieve clients' goals while also meeting our own

targets. Throughout the company, we are building the best team to take us forward to a strong and sustainable future, with training, development and educational opportunities for employees at every level.

#### **TOWARDS A BETTER FUTURE FOR ALL**

Through our daily work, we see that societies everywhere are facing big challenges in urbanisation, water, transport and industry. Our desire to help clients and stakeholders to be truly prepared for the consequences of these challenges follows our 135-year tradition of equipping communities for the future.

We are proud of the long-standing relationships we have with many of our clients. They underline the fact that our future-proof approach extends not just to projects but to our associations too. For example, we have been working with Schiphol Airport for more than 50 years and for decades for the United Kingdom Environment Agency. Our first project for Heineken

was in 1884 and we recently completed a new brewery for the company in Ethiopia. You can explore our heritage and read what our clients have to say on the pages which follow.

We look forward to the years ahead with confidence and optimism. Our commitment to developing solutions to global challenges places us at the heart of the most important growth areas of the future. To remain successful, we also need to be relevant in today's and tomorrow's world. Our relevance is captured in our purpose: We are constantly looking for ways to do things better and more sustainably. We want to create solutions that will last far beyond this generation.

This is our commitment to our children and our children's children. We are Enhancing Society Together. To discover how we are doing this, read on.

Executive Board  
Royal HaskoningDHV



Chairman  
Executive Board:  
Erik Oostwegel



# Key Figures

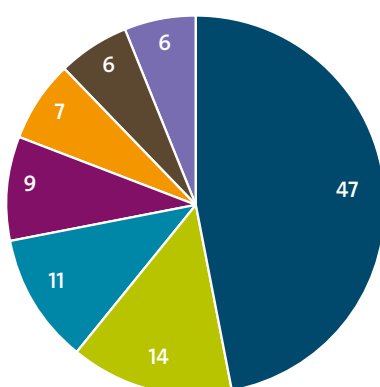
Operating income  
**654**  
€ million

**6,650**  
Average workforce

Shareholders' equity  
**119**  
€ million

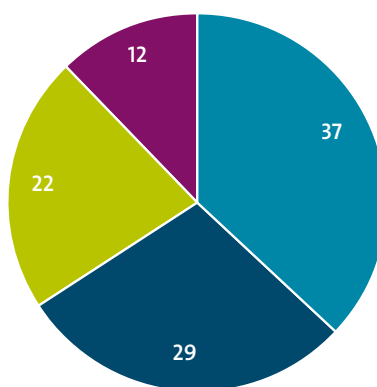
<b>Net turnover</b>	Amounts invoiced to clients (excluding VAT), excluding invoiced in advance
<b>Operating income</b>	Net turnover adjusted for change in work in progress, excluding other operating income
<b>Added value</b>	Operating income less cost of work subcontracted and other external charges
<b>EBITA recurring</b>	EBITA excluding non-operational items
<b>EBITA margin</b>	EBITA / Operating income
<b>Return on average shareholders' equity</b>	Net result / Average shareholders' equity
<b>Earnings per share</b>	Net result / Number of ordinary shares issued
<b>Net working capital</b>	Current assets less current liabilities (excluding cash and cash equivalents less amounts owed to credit institutions)
<b>Free cash flow</b>	Cash flow from operating and investing activities, including €31.5 million from sale-leaseback transaction for office buildings in the Netherlands.

TURNOVER BY REGION %



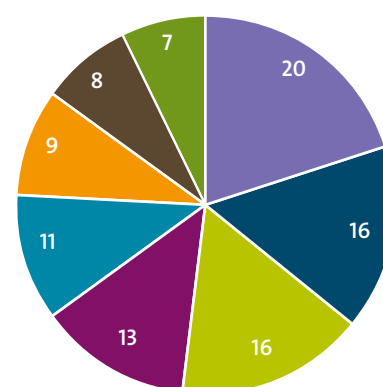
- The Netherlands
- Africa, Middle East and India (excl. SA)
- Asia Pacific
- South Africa
- United Kingdom
- Continental Europe (excl. NL)
- Americas

TURNOVER BY CLIENT GROUP %



- Government & Society
- Industry & Business
- Infrastructure & Utilities
- Intermediates

TURNOVER BY MARKET GROUP %



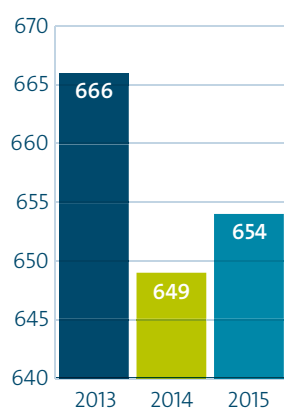
- Industry, Energy & Mining
- Infrastructure
- Buildings
- Maritime & Waterways
- Water Technology
- Rivers, Deltas & Coasts
- Aviation
- Planning & Strategy



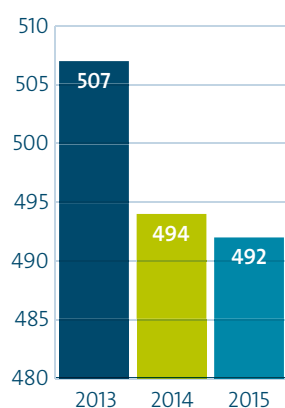
(€ MILLIONS, UNLESS STATED OTHERWISE)

	2015	2014
<b>Net turnover</b>	<b>667.0</b>	<b>654.7</b>
<b>Operating income</b>	<b>654.5</b>	<b>649.2</b>
<b>Added value</b>	<b>492.4</b>	<b>493.5</b>
<b>Results</b>		
EBITA recurring	26.1	14.7
EBITA	30.5	12.9
Net result	11.8	6.3
Return on average shareholders' equity (%)	10.5	6.0
EBITA margin, recurring (%)	4.0	2.3
Earnings per share (€)	2.38	1.28
<b>Balance Sheet</b>		
Total assets	288.7	272.0
Shareholders' equity	118.9	106.6
Group equity	119.1	106.9
Group equity as percentage of total assets (%)	41.3	39.3
<b>Financial Position</b>		
Net working capital	16.1	24.7
Free cash flow	57.1	29.5

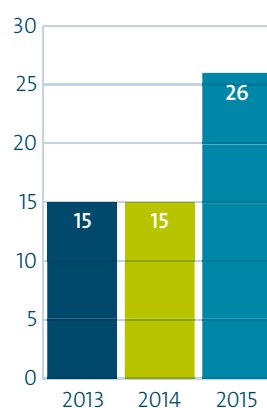
**OPERATING INCOME  
(€ MILLION)**



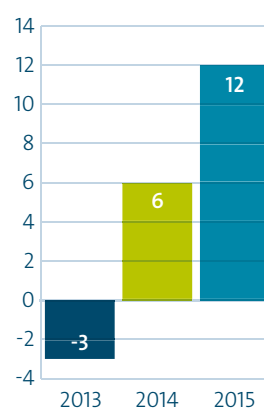
**ADDED VALUE  
(€ MILLION)**



**EBITA RECURRING  
(€ MILLION)**



**NET RESULT  
(€ MILLION)**





## MAJOR PROJECT WINS

Can you imagine the impact  
our projects have on people?  
Read on and explore our major  
project wins in 2015.

Let's make a safer city  
environment for Yuan

**You can smell the air pollution in Beijing. It's like a rich dense soup full of harmful particulates. When it's that bad, Yuan can't go to work without protection from the deadly smog. Wouldn't it be great if she could go outdoors safely, without having to check the daily smog scale?**

Thirty years ago, Yuan's family would have cycled around the city. Today only one journey in ten is by bike. If more families and commuters used bikes, it could make a big difference to the smog. We were asked by Beijing authorities to help develop a strategy to encourage

a fifth of all journeys in the city to be by bike by 2020. Our solution needed to work on many different levels. After all, if it's neither safe nor convenient to cycle, Yuan isn't going to change her routines easily. We have recommended policy and cultural change, high-quality bike routes and parking, and for cycling to be integrated within the public transport system.

It's not just air pollution that will improve as a result. Cycling will keep Yuan healthy and happy, wasting less time in traffic jams and spending more time outdoors.

### **MR KI-JOON KIM, SENIOR TRANSPORT SPECIALIST AT THE ASIAN DEVELOPMENT BANK:**

*"Cycling can make a substantial contribution to promoting sustainable transport in Beijing. Beijing Municipality has acknowledged this and set a goal in its Urban Master Plan to raise the bicycle share of transportation to at least 20% in 2020. It will require a major effort from the Municipality to achieve this. This plan will definitely help them get there and turn Beijing into a healthier city."*



### **Royal HaskoningDHV**

Mr Wim van der Wijk, Team Leader and Bicycle Transport Expert at Royal HaskoningDHV added: "This bicycle plan will help Beijing to become a healthy and bicycle-friendly city for its population of more than 20 million people."

### **Dutch-Chinese experts develop Beijing Bicycle Plan**

Ecofys, Royal HaskoningDHV and the China Academy of Transportation Sciences (CATS) presented the 'Beijing Bicycle Strategy and Policy' to revive cycling in Beijing Municipality on 25 May 2015. The project, initiated and funded by the Asian Development Bank, aims to help the megacity to achieve more sustainable mobility.



## An airport that makes you want to fly



**Marta travels frequently with her work for an international charity. When she arrives, she wants to be fresh and ready for the meetings ahead. She is no different from the increasing numbers of people who fly.**

They expect their journey to be pleasant and relaxing. That means good transport connections, minimal queues, not too much walking - and confidence in the baggage handling system. By focusing on the needs

of individuals like Marta, we are creating the perfect passenger experience at airports all over the world, including the massive new airport for Mexico City.

NACO, a company of Royal HaskoningDHV, is part of the winning team designing the terminal and is now involved in the joint venture responsible for the design of the airside facilities and support facilities.

Marta will love the new airport when it opens. Beautiful and easy to navigate, she will hardly believe it is one of the world's largest, with capacity ultimately for 120 million passengers a year, designed to be the most sustainable airport.

[▶ Explore video online](#)

## Working together to prioritise sanitation

**Dian lives in a wooden shack on the banks of a river in Java. He worries for his children when they swim in the river. It's full of rubbish and people use it as a toilet.**

Imagine if there was proper sanitation for the town so everyone stopped getting stomach aches and diarrhoea, and the river was clean and pure? That's exactly what the Indonesian government wants to achieve. We are working with them on a huge project to achieve universal access to sanitation in Indonesia by 2019. There are a number of important elements to the programme. We have been supporting local governments as they assess the situation in their region and then formulate a strategy. Just as important is educating communities about the importance of sanitation. Dian's children are learning at school about handwashing and waste recycling. Campaigns in local newspapers and on television encourage everyone to get involved in keeping their communities clean and safe.


Of course new infrastructure is needed too. That's why in the latest phase of our work, we are helping local government implement plans like regular waste collection, new landfill and wastewater treatment plants. Dian knows that if everyone works together to improve hygiene, drainage and sanitation, his children and the entire community will grow up safe and healthy, without fear from infection and disease.



**MR ROB SWARTBOL,  
NETHERLANDS AMBASSADOR:**

*"The Indonesian Government has embarked on a very ambitious and strategic programme. While sanitation development had hardly any priority in the past century, it is now high priority across the entire country in which all relevant stakeholders work together at national and local level. The Ministries of Planning, Health, Public Works and the Home Affairs are providing the basis for a coordinated and comprehensive approach. The comprehensive, inter-sectoral character of the programme required this broad range of expertise. I am very happy that this combined Netherlands expertise could be applied in our cooperation programme with Indonesia."*





## With safe water to drink, health and happiness come too

**Availability of water is not a problem for Hanh and her family at their home in the south of Vietnam. They have a well in their garden and collect water as it falls during the monsoon periods. The big problem is safety. Her family is constantly ill with sickness and diarrhoea.**

That's about to change. We are involved in a project which will pipe drinking water directly to 25,000

homes and businesses in the Ba Ria Vung Tau province. The water is treated before distribution.

It's one of three water supply projects we are working on which together will provide safe drinking water to half a million people in Vietnam. Very soon Hanh will have a plentiful supply of water directly into her home – one which no longer threatens the health of her family.

**MR NGUYEN VAN TRI,  
DIRECTOR CERWASS:**

*"The implementation of the Ba Ria Vung Tau Rural Water Supply project plays a crucial role in our objective to supply clean water to 97% of the rural residents by the year 2020. It is an important and truly meaningful project which will contribute to the realisation of Vietnam's rural clean water supply and sanitation strategy."*

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## Patients benefit from new care

**The new super-hospital in Charleroi in Belgium will replace five separate hospitals across the city. Laurent, who will be working in the new hospital, has been providing feedback on the internal design.**

He knows the modern working environment will increase morale and help to reduce absences among his team. It will be better for his patients

too. They recover more quickly in the right environment. He's delighted the main building will be ready in half the time such projects typically take. It means Laurent, his staff and patients have less long to wait for a hospital building which will benefit them all. There's another keenly awaited hospital project underway in Denmark. This is the country's first particle therapy centre for cancer patients.

Proton beam therapy is a more gentle form of radiotherapy which causes fewer side effects, particularly for children. Doctors are eager to offer this treatment to their patients. The centre is set to open in 2017 and will provide the opportunity for a longer life to around 1,000 cancer sufferers every year.



**MR NIEK GROBBEN,  
PROJECT MANAGER AT  
ROYAL HASKONINGDHV:**

*"With the health sector under pressure in the Netherlands, health care institutions have been focusing on finding ways to develop and exploit their real estate as efficiently as possible for many years. The health sector in the Netherlands leads the way in terms of cost efficiency, which is hugely beneficial for the client in Charleroi."*







## New canal will attract more freight onto European waterways

**Joseph is the third generation of his family to captain a freight ship across the waterways of Europe. Many of his journeys start and finish at the ports of Rotterdam and Zeebrugge from where he has good access to cities in the Netherlands and Belgium. However connections to Paris and central Europe are busy and indirect, making his method of transport slow and uncompetitive.**

A new 107 km canal link from France to Belgium will make a big difference to his business and encourage more freight off roads. Connecting the basin of the Seine near Paris to the Scheldt

near Lille, it means freight can be carried into the heart of large towns and cities across Europe by water. We are jointly managing the construction programme and assisting with the design of locks and aqueducts.

Putting freight on the continent's waterways reduces air and noise pollution in cities. It decreases carbon emissions by at least 75% compared with road transport. For Joseph it opens up new markets for his operations by providing a more direct route from the north-western sea ports into central Europe.



WaterrecreatieNL

@RHDHV wins contract to manage Canal Seine-Nord Europe, giving access to Belgian/Dutch inland waterways. More info on [www.royalhaskoningdhv.com](http://www.royalhaskoningdhv.com)





## Let's keep the kettle boiling

**Little does Simon realise when he switches on the kettle for tea on a cold winter's evening, there's a risk the water will never boil. During high energy demand, the United Kingdom's national power network is edging closer and closer to capacity. If that happens, Simon's pot will stay cold and the lights will go out.**

Coal-fired power stations are being closed to meet carbon reduction targets. Renewable energy will ensure Simon gets his hot cup of tea and that the country meets its carbon emission commitments to keep global warming below the 2° C threshold agreed in

Paris. Last year we helped our client, Forewind, gain consent for what will be the world's largest offshore wind farm development. Covering about 430 square miles, the Dogger Bank project will generate enough electricity to power nearly 2 million homes and could support 900 jobs in Yorkshire and Humberside.

We have the edge when it comes to helping gain consent for offshore wind farms. In the United Kingdom alone, we have played a key role in environmental impact assessment for over 8 GW of successful applications. It's a step forward in keeping the lights on, whatever the demand.



John Vercoe

@JCVercoe #offshorewind

#benefits largest asset  
consented renewables

Dogger Bank congratulations

@Statkraft @Rufus\_Howard

@RHDHV\_Enviro @IRENA



# If water can change a family's prospects, imagine what it can do for a city?

**Faustus drives a tuk tuk in Mozambique's capital city, Maputo. He works long hours to buy food and clothes for himself and his wife. At his home on the outskirts of the city, his wife walks to the local standpipe to collect water every day. His wife would like to work but it's difficult when she spends so much time queuing for water. Sometimes the supply simply stops and she has to go further to find water.**

Now there's hope for a different future. We are working on a project that will bring drinking water to more than 120,000 homes in the north of the city where there is currently no public supply. It will be Maputo's second water system and it's needed as the existing system can't cope with demand.

It's quite a challenge designing a system for a rapidly growing population and in an area where roads are still being constructed. For Faustus and his wife, the water can't come quickly enough. It will be safer and cheaper than the water they collect. Most importantly it means his wife will have time to find work rather than spending hours queuing at the standpipe.



**MR PEDRO PAULINO,  
CEO AT FIPAG SAID:**

*"The new sustainable water supply system will provide good quality drinking water via public infrastructure to 650,000 inhabitants in northern Maputo."*



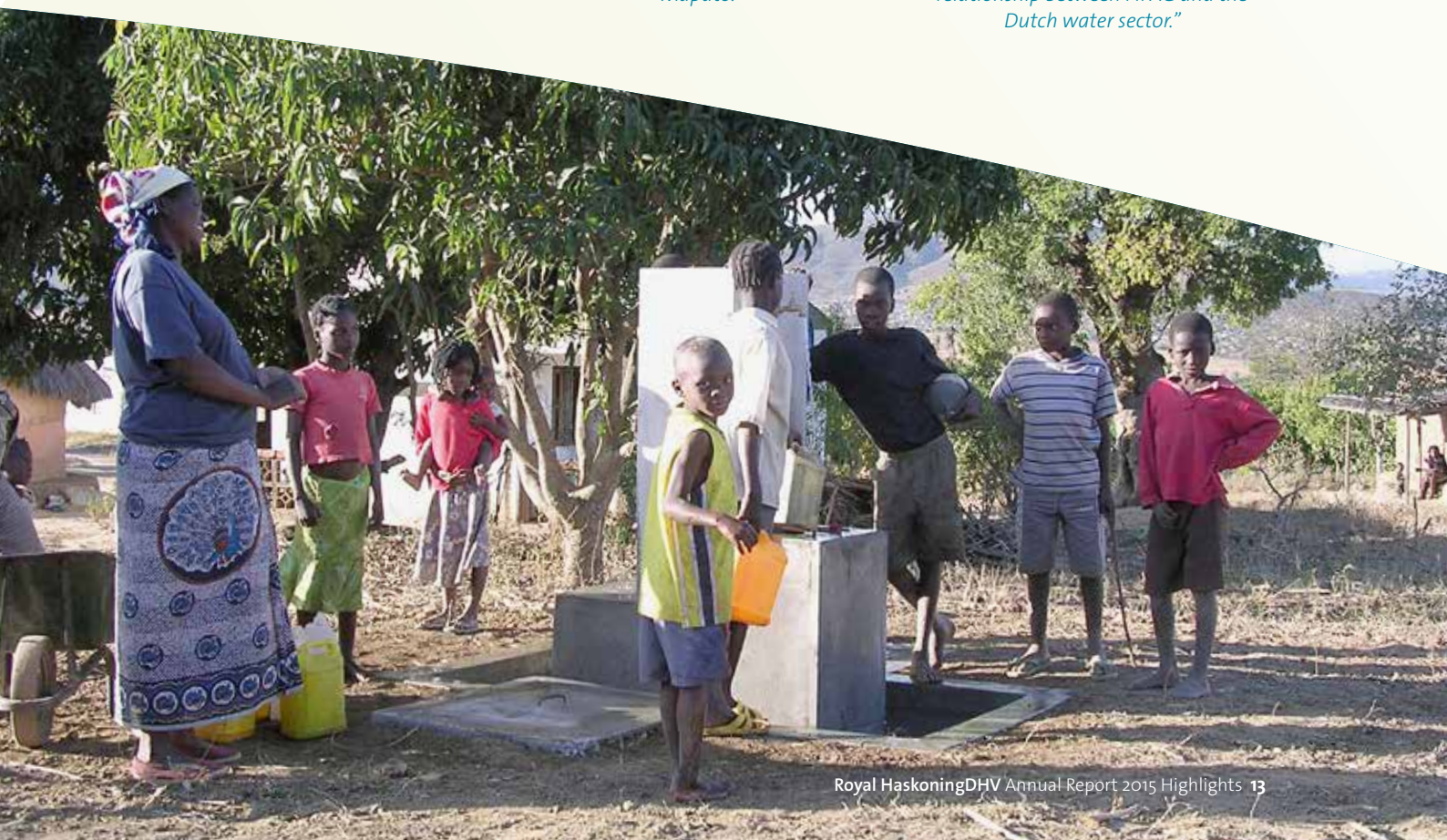
**Royal HaskoningDHV**

New system will bring clean drinking water to 650,000 people

Grant arrangement signed for Mozambique water supply project [royalhaskoningdhv.com](http://royalhaskoningdhv.com). A Dutch Government grant arrangement for more than €20 million has been signed for the execution of the project plan developed by Mozambique water supply company FIPAG, Royal HaskoningDHV and water utility partner Vitens Evides International, to...

**MR ADRIAAN MELS,  
PROJECT DIRECTOR AT VEI:**

*"The grant comes at a time when we are celebrating 40 years of collaboration between Mozambique and the Netherlands. It is a huge milestone in the long-standing relationship between FIPAG and the Dutch water sector."*







## LEADING SERVICES

We create solutions you experience all around you. Read about the work of our people in our leading services.

## Merseyrail: More people, less congestion

**For the past decade, William has been travelling to his office in the centre of Liverpool using the Merseyrail network. Every year the stations become busier and he regularly gets held up in queues to get onto the platform or to leave the station.**

It's a problem for commuters and rail users everywhere. Many stations were designed to cope with much smaller passenger numbers. Now with no space to expand, stations are looking for smarter ways to manage increasing numbers of passengers safely and comfortably. This is where we can help. By modelling the way passengers travel through the station, we can identify where improvements need to be made. Small adaptations like changing the routes people take, adding gates or better signs can have a major impact. We can test the changes in the simulation to

prove they will have the desired impact before they go live. That's what we've done for Merseyrail. The result for people like William is safer and more comfortable stations and a less stressful journey to work. The result for Merseyrail is more passenger throughput so it can safely accommodate the increased passengers carried by new trains on the network.

### JANET IVES, HEAD OF SAFETY AT MERSEYRAIL:

*"Over the years, the demographics associated with our passengers have changed considerably, and this has had a huge impact on passenger flow and behaviour. The 3D animation being developed by Royal HaskoningDHV will help us to assess such changes, optimise station capacity, improve safety and eliminate bottlenecks throughout the station."*

## International Criminal Court

### ARCHITECT SCHMIDT HAMMER LASSEN:

*The ICC exists for the sake of all future generations radiating authority focusing on the human scale.*

[▶ Explore video online](#)





# “Trust, drive, team spirit and team work...”

**“In 2011 I received a call from Andre Rijdsdorp at Natuurmonumenten, the Dutch Association for Nature Conservation, to see if we could help with an intriguing idea. Natuurmonumenten wanted to create an island in the Markermeer – a lake in the central Netherlands.”**

The island will attract a wide range of birds and hopefully improve the water quality, enabling fish and plants to thrive again. The Association had applied for lottery funding for the project and their question to me was: What kind of things do we have to do if this is really going to get off the ground?

I gathered a small group together and we wrote a short report. Andre Rijdsdorp was very enthusiastic and, in 2012, after they had won initial funding, we entered into a contract. From then on, our role involved technical aspects of the project as well as ensuring the right procedures were followed and drawing up contracts.

The words I would use to describe the project are trust, drive, team spirit and

team work. I don't mean just Royal HaskoningDHV but the whole team from Natuurmonumenten and, at a later stage, the Dutch government. This aspect of trust made it unique. With few people and short communication lines, we worked very fast – useful as we had tight deadlines.

In reviews, if we thought things had to change, we were very direct. It was a different way of working. We knew from each other that the quality was good enough for the things we wanted to achieve. Creating an island in a lake is not unusual. What was different about this project was that the island is to be constructed in part with sludge from the bottom of the lake. The sludge is very fine – when you mix it with water, the consistency is like milk – it's never been used in this way before. Now Natuurmonumenten's dream is becoming a reality. The first island will have a small harbour and there will be opportunities for fishing and boating.

Nothing like that exists there at the moment so, as well as attracting nature, it will bring wider economic

benefits to the area. What we can't precisely forecast yet is the impact on the ecosystem. If it works as well as we expect, the possibilities for applying this sort of approach elsewhere will be very interesting.”

## **Paul Eijssen**

*Paul has spent nearly 30 years with our company. He is a Strategic Consultant in impact assessments and Associate Director for air quality and noise.*

[▶ Explore video online](#)



## New laboratory helps fight against drug resistant tuberculosis

**Thandeka regularly diagnoses patients with tuberculosis at the health centre where she works in South Africa. It's an easily curable disease so her patients have a good chance of recovering. What really concerns Thandeka are cases that don't respond to the drugs.**

Around 3.5% of South Africa's new TB cases are diagnosed as drug resistant. It's vital this type of TB is controlled and eradicated to avoid a widespread public health emergency. A new state-of-the-art lab has opened to help tackle the problem. Our expertise in meeting stringent bio-safety regulations led us to be

chosen to design the new National Tuberculosis Reference Laboratory. It includes measures to ensure there is no risk of infection to those undertaking the TB testing, or to the general public. With information gathered from across the country, the lab studies trends and can identify pockets of concern before

they develop into an epidemic. It also tests and explores new solutions to fight TB drug resistance so it can also advise Thandeka and other doctors on the best combination of medicines for their patients.

[▶ Explore video online](#)





## AWARDS

We are proud of the recognition we receive for our work. Read on and explore a selection of awards we received in 2015.

### Awards galore for Markthal Rotterdam:

- National Building Award
- MIPIM Award
- European Parking Award
- NRW Annual Award 2015
- European Property Awards 2015-2016 for 'Mixed Use Architecture'
- Winner SCIA User Contest 2015
- Concrete Award for 'Execution'
- ARC15 Detail Award
- Nomination for the Schreuders Award 2015



Rudi Vanmechelen

**@RudiVM** Impressive 'Markthal' from @RHDHV – @SCIA\_Official User Contest Winner 2015. More info on <http://blog.nemetschek-scia.com/3886/markthal-rotterdam-scia-user-contest-winner/>





▶ Explore video online

The Littlehaven scheme in United Kingdom, completed in 2015, has won 9 awards:

- Royal Institution of Chartered Surveyors North East Renaissance Award for 'Infrastructure Project of the Year' - 2014
- ICE Robert Stephenson Award for 'Project of the Year over £4m' - 2014
- Constructing Excellence North East Awards for 'Infrastructure Project of the Year' and overall 'Project of the Year' for the North East - 2015
- Brownfield Briefing Awards for 'Best Urban Regeneration Project' - 2015
- Northern Design Awards for 'Best Commercial Landscape Design' - 2015
- The project was also shortlisted for the UK Prime Minister's Better Public Building Award at this year's British Construction Industry (BCI) Awards.
- Landscape Institute Award for 'Medium Scale Project of the Year'
- Landscape Institute Award for 'Overall Fellow's Award for Climate Change Adaptation'
- Living North Award for 'Best Regeneration Scheme'



This is no ordinary sand dune!

Eva has lived in the coastal town of Katwijk in the Netherlands all her life. It's a popular beach resort which retains a quiet charm, unspoilt by large hotels or apartment blocks. Less attractive however were tourists' cars which filled up town car parks and spread along the coastal roads spoiling the views of the sea.

Now that problem has been solved. When Eva looks out across the beach today, she sees sand dunes stretching to the horizon and no parked cars in sight. That's because a car park with space for more than 600 cars is hidden within the dune.

The artificial seagrass-covered dune is actually performing a range of functions. It forms part of the Dutch coastal sea defence and the car park we designed to be concealed within the dune creates much-needed parking while maintaining the natural beauty of the dunes and the beach.

Eva doesn't see the car park or the reinforcements, she sees the charm and peace of Katwijk restored. She can go shopping without worrying about where to park and the whole town benefits from the economic boost that more tourists bring.



**COUNCILLOR IAIN MALCOLM,  
LEADER OF SOUTH TYNESIDE COUNCIL:**

*"Littlehaven is an innovative design concept that provides residents and visitors with a beautifully-lit promenade where they can take in beautiful views all year round while providing much-needed flood defence for homes and businesses in the area."*





## Awards & Credentials

LEED Platinum in Building Design and Construction (LEED BD+C)

### **CORE AND SHELL DEVELOPMENT**

Asia Pacific Property Awards 2015-2016 – “Highly Commended”  
Commercial

### **HIGH-RISE ARCHITECTURE, THAILAND**

ASEAN Energy Awards 2015 – 1st Runner-up: Green Building  
Thailand Energy Awards 2015 – Excellence Awards in New and  
Existing Building

### **CATEGORY AND GREEN BUILDING CATEGORY**

BCI Asia Top 10 Architects Award 2013 - Thailand



## “Find and guide upcoming leaders”

**“Writing from my position in Indonesia gives me a different perspective from many of my European colleagues. I have a big brief here but I also have a goal of my own. You will not be surprised that a personal driver for me in Asia is how we develop the next generation of non-European leaders.”**

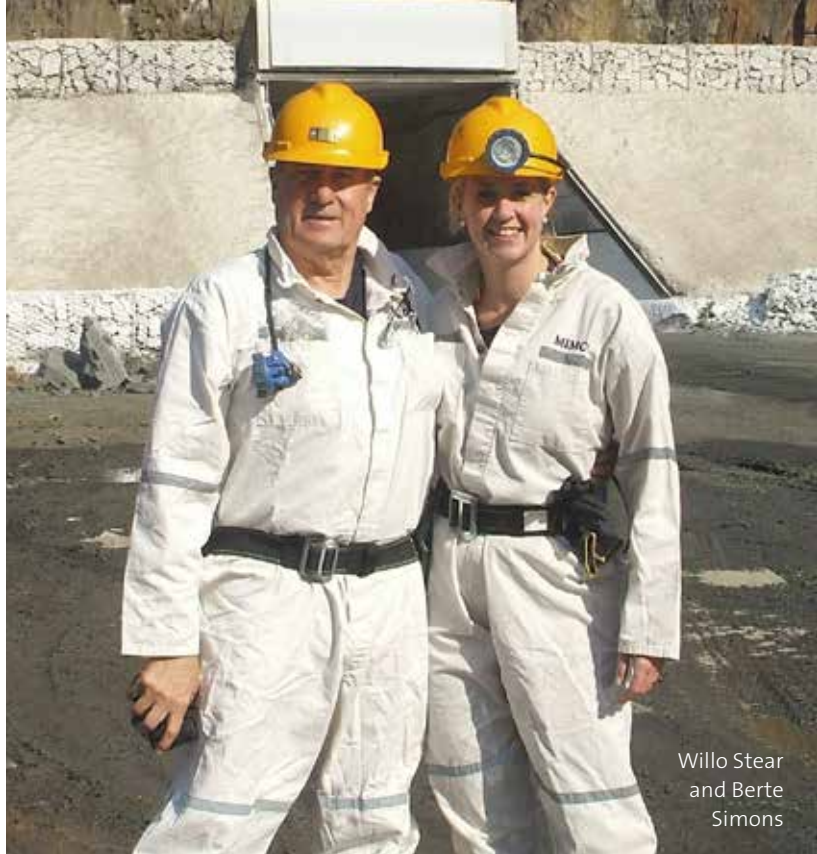
Innovation is not just about technical innovation, it's about the people we employ and what they believe in and what is right. The world has shifted to a new balance with different types of leadership and different ways of going about things. We need to keep capturing these developments and change ourselves.

I'm really pleased with the new company structure because it will give us the opportunity to find our talents quicker and give empowerment on the ground. It has also changed the balance in the company with less concentration in Europe.

However, our international status is still not reflected in our leadership teams. One of my aims in Asia is to find and guide upcoming leaders and let them into our structure.

I really believe this is important for the future of our company.

Guidance is so beneficial in helping people reach their potential.



Willo Stear  
and Berte  
Simons

Throughout my career I have actively used mentors to guide and advise me. When I took on responsibility for our global mining business, I had never even been underground. Willo Stear, non-Executive Director of the Board of Royal HaskoningDHV South Africa, mentored me into the industry, helping me understand how we can develop and, just as important, how to influence decision makers.

You can therefore imagine that ranking among the 100 Global Inspirational Women in Mining Project was cool. It's also important for women in the industry. I believe in pushing female talent and many of my own mentees

are young women. It's been ten years since I joined the company and I am as eager, impatient and driven as ever – although sometimes I think it is incredible I am here at all. I have been blessed with the teams I worked with. I am very much aware that I could only have achieved this because I was privileged to work with such great teams.

### **Berte Simons**

*Berte Simons is Resident Director of Indonesia, Global Market Manager for the mining portfolio and, since 1 January, Asia Pacific Director for Industry and Buildings.*



## Royal HaskoningDHV scoops two engineering awards

- Royal HaskoningDHV won Engineering Excellence Award for the New Microbiological Laboratory for the National Bioproducts Institute
- Royal HaskoningDHV staffer Colin Andrews won the Mentor of the Year Award



# A BETTER FUTURE FOR ALL

Working together with our clients, stakeholders, partners and communities, we are in the process of moving towards a better future for all. Read on how we are working together with partners all around the world.

## End is in sight for congestion black spot



**WENDY SCHEUTEN, SENIOR CONSULTANT PLANNING STUDIES AND PLANNING PROJECT LEADER AT ROYAL HASKONINGDHV:**

*"We want to achieve the highest possible added value. We recognise the importance of taking the needs and preferences of the people from the region into account so we have prepared the design in 3D to give the local residents a clear picture. Various meetings will be organised in which local residents and other interested parties can contribute ideas about the exact details of the design."*

**Maarten runs a freight company in the Netherlands. He gets frustrated when his drivers are held up in congestion black spots because deliveries are late and it messes up his schedules. The A1 at Apeldoorn, in the Netherlands, is just such a black spot.**

The junction between the A1 and A50 is key because it connects a major north-south route in the Netherlands with the east-west artery. It's not just important for freight users. The weight of local, national and internal traffic is heavy, as is the column formation. The route and therefore the project is vital as a regional, national and international connection and important to the economic

development of the region. We're working on plans to add more lanes to the A1 in five places. We want to make sure the end result benefits companies like Maarten's so freight no longer gets held up at the intersection.

It's also important that local communities are happy with the proposals and benefit from less air pollution and traffic jams. That's why the project involves lots of consultation so everyone who might be affected has a chance to make suggestions and give their views. Maarten's drivers and customers are happier when deliveries arrive on time. It's good for business so it makes him happy too.



# A vision for liveable happy cities

**“The numbers tell the story – people love cities. More and more of the world’s population are choosing to live in them. But their success creates a challenge. Against the backdrop of population growth and climate change, can cities of the future remain liveable and happy? This was the question we asked as we embarked on a vision for cities of the future.”**

At the heart of the urban challenge lies the fact that more and more people are choosing to live and work in cities. By 2050, mega cities with 10 million inhabitants or more will be common. Some people believe this dramatic growth will see cities becoming more powerful than countries. My own view is more nuanced, although I anticipate city government will play a more important role in peoples’ daily lives than national government, particularly in areas like infrastructure and health.

Are city authorities equipped to handle such responsibilities? Before we answer that question, we need to appreciate that governance itself is changing – albeit at different rates in different societies. Alongside an increasing awareness that governments alone cannot solve all the issues, people, businesses and other organisations are getting involved.

## **FOR EXAMPLE:**

- We are seeing groups of individuals setting up cooperatives to develop solar plants or other technologies to meet their energy needs in a sustainable way.
- We are working together with companies and local governments to create business cases enabling the principles of the circular economy to be incorporated into their activities.

The Internet of Things will also impact governments, and not only in smarter city operations. With technology, individuals are now able to check air quality and other indicators using their smart phones. By arming people with real information (which may contradict official figures based on models), this technology will serve to increase the urgency upon governments for action.

## **INTERCONNECTEDNESS IS PART OF THE CHALLENGE.**

Action on any single aspect highlights the complexity of the urban challenge: to connect the various elements. Across the challenge, it is rarely possible to solve one problem without impacting others. For example, improvements in air pollution will benefit residents’ health but are unlikely to be achieved without change in the areas of transport, industry and perhaps energy too.

Solutions will not only require integration across sectors and disciplines: they will require networks of support that draw together governments, people and private businesses.”

## **Jan de Wit**

*Director Advisory Group Smart Environment*

*We invite you to read the complete blog of Jan de Wit online*





# New wastewater treatment plant enables town to grow

**Clonakilty is a busy and successful seaside town in Ireland. As tourist and resident numbers have grown, the local wastewater plant is reaching capacity. Colm worried what this would mean for his business which relies on a healthy tourist trade.**

A loss of confidence in the quality of the water at local beaches could be devastating.

He no longer needs to worry. The treatment plant is being upgraded using our revolutionary new technology, Nereda®. The revolutionary plant will be capable of treating four times the capacity of the old plant with a significantly smaller footprint. This will help improve the water quality in the bay and at neighbouring beaches, making Clonakilty an even more desirable tourist destination.

There's another reason for Nereda® to be welcomed - running costs are expected to be reduced. The increased wastewater treatment capacity means the town can grow, both in terms of the local population and as a tourist centre. It's great news for Colm's business.

## Royal HaskoningDHV works with partners all around the world



**BOARD MEMBER MR GERARD DOORBOS AT DUTCH WATER AUTHORITIES:**

*"Dutch Water Authorities shares global knowledge with countries where water management faces many challenges. We learn from this ourselves and, at the same time, support the export potential of the Dutch water sector. Moreover, our employees will gain 'out of the box' experience and learn from applying the technique in a different context.*

*This, in turn, will help us with the water requirements in the Netherlands."*



**AGNES MAENHOUT, DIRECTOR WORLD WATER ACADEMY:**

*"Developing a Global Nereda® Academy is the ultimate example of added value through cooperation. With our educational and programmatic input, the Nereda® knowledge of experts from Royal HaskoningDHV will find direct application for the user."*



**KARL JUNCKER, MANAGING DIRECTOR OF WEC PROJECTS:**

*"Nereda® is cost effective, sustainable, requires a small footprint and is easy to operate.*

*These attributes make it a perfect fit in the South African wastewater treatment market. In order to deliver solutions to our country's sewage treatment challenges, we need innovation, and Nereda® is that innovation.*

*WEC Projects, together with Nereda®, is excited to lead the way. Signing this agreement is not only a huge milestone in the life of WEC Projects, but a significant development for South Africa's wastewater treatment sector."*



**JOOST VLIENEN, DIRECTOR, PRODUCT GROUP MANAGEMENT ENVIRONMENTAL, MARINE, ENERGY OF GEA:**

*"The Nereda® technology is such a success that it finds its way around the world."*



**ALEJANDRO ZARZUELA, TECHNICAL AND TECHNOLOGY INNOVATION DIRECTOR OF ACCIONA AGUA:**

*"Implementing the Nereda® technologies in these facilities, while maintaining the footprint and reusing existing buildings, is the most viable solution at present for ACCIONA Agua. In addition, for new installations these advantages certainly create a fundamental spur to encourage installation."*



# Students intrigued by water resilience

The Australia-Netherlands Water Challenge is an exciting international competition that challenges and inspires students and young professionals to contribute their own original ideas for a better water future. The Netherlands Water Partnership organised the third competition in the theme 'Let's talk resilience' in Australia and/or the Netherlands. Royal HaskoningDHV was proud supporter of the challenge.

[▶ Explore video online](#)







## COMMUNITY ENGAGEMENT

Across the world, our employees are contributing their time, expertise and money to enhance the societies within which we work. Read on and explore.

### Blood donation Indonesia

The blood donation clinic at our office in Jakarta was really fun. We don't have to be a doctor to save lives.



Royal HaskoningDHV Indonesia

RHDHV Indonesia Corporate Social Responsibility. This activity seeks to save precious lives through blood donations.



## Free School under the Bridge

In India, staff visited the Free School Under the Bridge to celebrate Christmas, taking with them food, stationery, educational books and charts as well as games. The school is a charitable enterprise run by volunteers under a metro station bridge in Delhi. Currently more than 200 girls and boys aged from 4-12 take advantage of the access it provides to free education.



Royal  
HaskoningDHV-India

As they say "Children are the world's most valuable resource and its best hope for the future" .... here is how we celebrated our year end in style at Free School Under The Bridge at Yamuna Bank in Delhi :)



Pramathesh Saha

Great and Honest effort.. We should make this type effort, Joy of Giving, as one of our regular habits...







## Employees distribute water filters in the Philippines

Through our Green Fund, employees have distributed nearly 3,000 water filters to communities in the Philippines. The filters will supply clean, safe drinking water for more than 6 million days. As a result families no longer need to boil water or transport bottles, leading to a reduction in CO<sub>2</sub> emissions of more than 440 tons.

The Green Fund is an employee-led initiative to create sustainable change and CO<sub>2</sub> reduction in local communities. Daniel Levelt helped set up the Green Fund: "We recognised the innovation, saw an opportunity for us to contribute to improving the lives of thousands of people, and have sustained the initiative to make a big difference to people in the Philippines."



## Saturday School

"If we want to see a better future, we must involve ourselves in the building of the next generation. We must be willing to facilitate, align and direct a learner to his or her destination." These are the words of Samuel Baloyi, a civil technician from our Mangaung office in South Africa. Samuel is directly involved with developing young people's skills and knowledge. He is a tutor at one of our Saturday Schools. "Saturday School is more than just giving back: it's raising society to new standards. It brings me great joy to be a part of this change in communities," he adds.

[▶ Explore video online](#)





## Launch charity fund: Brite Foundation

The Brite Foundation is a charitable fund set up and run by employees of Royal HaskoningDHV. It draws on our collective social responsibility to help create a brighter world. Employees donate a proportion of their salary to the fund for small-scale charitable projects proposed by employees and chosen by the Foundation Board.



### JASKA DE BAKKER

*"Employee initiatives are very important in our company and this Foundation is an inspiring new example. All of us should be able to contribute something small, so together we can make a big difference in our commitment to enhance society."*

## Meet the boss

We embrace the ambitions of young talents. In a debate competition the students were the 'boss', asking all they want to know about a technical thesis. The students actively debated during 'Meet the Boss' session and were surprised with the technical possibilities. The winning team from high school 'The Amersfoortse Berg' went to national finals.

[!\[\]\(17413706fd4997a1a4bdf85c6864eee1\_img.jpg\) Explore video online](#)







## LONG-LASTING RELATIONSHIPS

Working together with our clients, stakeholders, partners and communities, we are in the process of moving towards a better future for all. Read on and explore how our relationships value our collaboration.

## It's not just the money: the benefits of scholarships

**NGUYEN TUAN ANH, SENIOR STUDENT IN HO CHI MINH UNIVERSITY OF TRANSPORT:**  
“Good education is the most important thing for contributing to society in the future. That’s why the scholarship is so important for me. It has made me feel more confident about getting a job in a foreign company. If I look ahead 10 years, I hope I will be working in a foreign company as a qualified engineer and that I will be in a management position.”



Nguyen Tuan Anh is 23 years old and a senior student in Ho Chi Minh University of Transport. He is one of many students across the world who have benefited from our scholarships. It is through education, ambition and opportunity that the next generation of engineers all over the world will be able to tackle the challenges societies face. The scholarships support students’ ambitions and open up opportunities.



Tran Khiem is 32 years old and a senior student in Ho Chi Minh City University of Transport. He says: “My role model is my teacher who is just 32 years old. He is in control of about half the waterways and the engineering department so it is amazing to see what he has achieved. The scholarship helped me a lot by encouraging me in my studies. In 10 years time I see myself in charge in a managerial position, or at least a senior engineer in Royal HaskoningDHV.”



# “I can still picture the joy”, DD Naidoo, Municipal Manager of Ugu District Municipality

## **HOW WOULD YOU DESCRIBE THE RELATIONSHIP BETWEEN ROYAL HASKONINGDHV AND THE MUNICIPALITY?**

It's been a journey. It started in the late 1990's when we were first trying to democratise local government. We came in with not much experience and Royal HaskoningDHV has been helping us along the way.

## **WHAT HAS BEEN THE BIGGEST CHALLENGE?**

When we got in, most municipalities were concentrating on urban areas. We needed to move outwards. The biggest challenge was how to roll out development in the rural areas - given that we were working from a very low base. Together we have been able to navigate that and have achieved a lot, for example the rural road network.

## **DO THE SOLUTIONS PROVIDE ADDED VALUE?**

Absolutely. For example, they were involved in a huge upgrading of St Helen's Rock Pump Station which is our primary extraction point for the

water works. This supplies most of the water for the southern region within Ugu Municipality. If we didn't see the value they add to our society, we wouldn't be engaging with Royal HaskoningDHV on these important projects. We make a difference to the lives of so many people. We must strive to make a difference to the lives of our people, and they partner with us to do that.

## **CAN THEY MEET THE MUNICIPALITY'S NEEDS WHILE MINIMISING THE USE OF NATURAL RESOURCES?**

Right now we are in a severe drought in South Africa and we look to companies like Royal HaskoningDHV to assist us in providing water and sanitation to all our communities, without depleting the natural resources we have. As leaders in this sector they must provide innovative solutions.

## **HOW COULD WE IMPROVE THE RELATIONSHIP?**

Royal HaskoningDHV need to come up with innovations all the time to

assist us to do better and meet our objectives. We need innovations around funding so we can do more with less.

## **CAN YOU SINGLE OUT THE BIGGEST CHANGE FROM THE POINT OF VIEW OF YOUR CITIZENS?**

When I was at Umdoni municipality, we worked on a new road and bridge. I can still picture the community when we finished – the joy it brought. Those kids didn't have to cross the river any more to go to school, they just had to cross the bridge.

## **WHAT ARE THE ISSUES YOU FACE?**

We have less water due to the effects of climate change. Going forward, we have to conserve and preserve that water. We also need to extend our water schemes to all people as part of our constitutional mandate, especially in rural communities.

## **DD NAIDOO**

*Mr DD Naidoo is the Municipal Manager of Ugu District Municipality in KwaZulu-Natal province, South Africa.*







49 years  
and counting...



**NACO HAS BEEN WORKING WITH SCHIPHOL SINCE 1967. HOW WOULD YOU DESCRIBE THE RELATIONSHIP?**

The words which spring to mind are: engaged, professional, competent, careful consideration and opinions that count.

**WHAT HAS BEEN THE BIGGEST CHALLENGE?**

Both sides have faced lots of challenges to get to where we are today. During the time that I have been working for Schiphol, Terminal West has been built and Lounge 1 extended and renovated. More recently the central security screening was opened which involved moving security from the airport gates to five central positions in the terminal. That changed all the logistics flows. NACO was an excellent support to us and kept us on the right track as we worked out what should go where.

**DOES NACO'S WORK MEET THE REQUIREMENTS OF MOST STAKEHOLDERS?**

NACO is one of the few parties with a complete understanding of airport processes and their impact on infrastructure. It enables them to support us with effective solutions that fit with the airport and they certainly comply with the requirements. What you hear a lot is that NACO has an understanding of airports and not just commercial development.

**CAN NACO MEET SCHIPHOL'S DEMANDS WHILE MINIMISING THE USE OF NATURAL RESOURCES?**

Both Schiphol and NACO face a challenge in meeting demand for sustainable solutions. We are on the right track and it's something we continue to emphasise.

**WHAT IS THE IMPACT OF NACO'S WORK FOR PASSENGERS?**

NACO, together with architects Benthem Crouwel, have designed almost the entire structure and appearance of Schiphol and have ensured it's maintained. This has a huge impact on the passenger experience. However not one change at Schiphol is down to a single party. What matters is that Schiphol is the product of collaboration between all the stakeholders. That's what makes it a success. NACO has always played an effective and helpful part in this.

**ARE NACO'S SOLUTIONS FUTURE PROOF?**

They have proved to be in the past. The terminal and runway system are designed to deal with ever increasing passenger numbers. We can adapt the terminal as we want without harming its character and operations. I see that as future proof.

**WHAT ARE YOUR CHALLENGES?**

Our challenge is the airport's position within its environment, both in regard to the use of space and economic development, and to nuisance and climate objectives we have to meet.

**NEXT YEAR THE WORKING RELATIONSHIP WILL HAVE LASTED 50 YEARS. HOW CAN NACO ENSURE IT LASTS ANOTHER 50?**

As always in long-term relationships, it is important not to take the relationship for granted. It means we have to keep each other on our toes; that includes the changes happening around us and appreciating each other's added value. It could mean different ways of working together that require more expertise and different points of view.

**MARTIJN HOOGENBOEZEM**

*Schiphol Projects Manager from Schiphol Group*



# It's real life that sparks students' interest

## **PLEASE DESCRIBE THE RELATIONSHIP BETWEEN ROYAL HASKONINGDHV AND DELFT UNIVERSITY OF TECHNOLOGY**

It's very fruitful. Many students carry out their Master's thesis project with Royal HaskoningDHV, sometimes based at their offices. Royal HaskoningDHV brings the problem and the student and university bring the more academic approach. Then it really becomes a co-creation between the student, the company and the university.

## **WHAT VALUE DOES ROYAL HASKONINGDHV BRING YOUR STUDENTS?**

The value is working on a real-life project. For example we are doing a lot of work on flood risk reduction and coastal protection plans in Galveston, Texas.

That collaboration involves two universities in Texas, Delft University, Royal HaskoningDHV and employees from the Dutch government. Within that complex area, we find all kinds of topics for individual students. For example one has designed a natural flood protection that will reduce the surge near Houston, others designed parts of a major storm surge barrier, another built a hydraulic model to simulate surge and water quality in the bay.

## **WHAT DO YOU EXPECT FROM THE COLLABORATION?**

A number of staff work part time at the university. They help with teaching and research and they also facilitate knowledge transfer and link students to their field. They bring in real cases with new and complex problems which are so interesting to students. In our field much of the research is motivated by these new problems.

## **HOW COULD THE RELATIONSHIP BE IMPROVED?**

A Memorandum of Understanding has just been signed between Delft University and Royal HaskoningDHV which creates a framework to maintain and in some places grow the relationship. In my field we have a very successful collaboration model. Maybe we can look at applying this model in other fields like port development, water management or industrial engineering.

## **WHAT WOULD YOU LIKE TO ASK ERIK OOSTWEGEL?**

Please come back in two years' time to look at what has resulted from the Memorandum of Understanding. I also hope he continues to allow employees room to take part in this type of collaboration - but I'm sure this is going to happen.

## **BAS JONKMAN**

*Bas Jonkman is professor of hydraulic engineering at Delft University (the Netherlands) specialising in hydraulic structures and flood risk. Before joining the university, he worked for Royal HaskoningDHV, combining his role with a part time position at the university.*





# “Real value to us at the Environment Agency”

## **THE ENVIRONMENT AGENCY HAS WORKED WITH ROYAL HASKONINGDHV FOR A DECADE AND MORE. HOW WOULD YOU DESCRIBE THE RELATIONSHIP?**

Engaging, creative and collaborative.

## **DOES THE OUTPUT MEET THE REQUIREMENTS OF MOST STAKEHOLDERS?**

From what I have seen, it does. Engagement with stakeholders is a key factor when we award projects because once the project is finished, we have to maintain the work and the relationships. If communities have been engaged from the start, it's good news for us.

## **DO THE COMPANY'S SOLUTIONS BRING ADDED VALUE?**

Part of our framework agreement is about our sustainability. We recently did an audit on how our

contractors were responding and Royal HaskoningDHV came out extremely well. That is of real value to us at the Environment Agency and also to society.

## **CAN ROYAL HASKONINGDHV MEET YOUR DEMANDS WHILE MINIMISING THE USE OF NATURAL RESOURCES?**

We have about 17 different metrics relating to this such as reducing our carbon footprint, limiting waste going to landfill and increasing use of recycled aggregates. Royal HaskoningDHV has met all those to date which is very positive.

## **WHAT HAS BEEN THE BIGGEST CHALLENGE?**

A few years ago a key individual moved on and it caused significant issues in a project. What I have seen recently is that behaviours and relationships go much deeper so we are not reliant on one individual.

## **WHAT HAS BEEN THE GREATEST ACHIEVEMENT?**

Royal HaskoningDHV's work on Accelerated Collaboration is a real achievement. Recent projects have demonstrated just how good the company is at pulling together quite disparate partners and stakeholders with different points of view and bringing them to consensus.

We are getting the benefit of that collaborative approach across all our projects. The second achievement was the restoration of our flood assets following the 2013-14 floods and storms. The restoration was achieved in less than ten months and that was on top of our usual programme.

## **HOW CAN THE RELATIONSHIP BE IMPROVED?**

Keep doing what you're doing because it's really good! Now we are looking for help with driving efficiencies through programming. For example Royal HaskoningDHV recently won a package of work in Somerset. We are looking for innovation in how an integrated team taking an integrated approach across a number of projects can deliver new efficiencies.

## **WHAT ARE THE ISSUES YOU FACE?**

Recent floods have challenged us as to whether our climate change assumptions are correct, whether we are modelling correctly and therefore designing appropriate solutions. Our second challenge is a looming skills shortage.

## **ALLISON BAPTISTE**

*Director of Strategy and Investment at the United Kingdom Environment Agency.*





# “I used to do all my designs with a pen”

**“I was 17 when I joined this company and, nearly 46 years later, I’m still here. You can imagine the changes I’ve seen over those years. When I headed to Bangladesh on my first overseas assignment in 1981 it took four weeks for a letter to make its way from Europe! Hard to believe today when communication is almost immediate.”**



In Bangladesh I was working on the Barisal irrigation project overseeing construction of pumping stations and floodgates. Every day I crossed the delta in a speedboat to visit the various sites. It felt like such a different world to me.

Most of my career has been spent on water-related projects, apart from a brief spell on the Amsterdam Metro. I design elements like pumping stations, dikes, dams, locks, quays and landing strips that run into the sea for miles and miles. Of course I used to do all my designs with a pen. The introduction of computers has been a huge change because they simply weren’t around when I started.

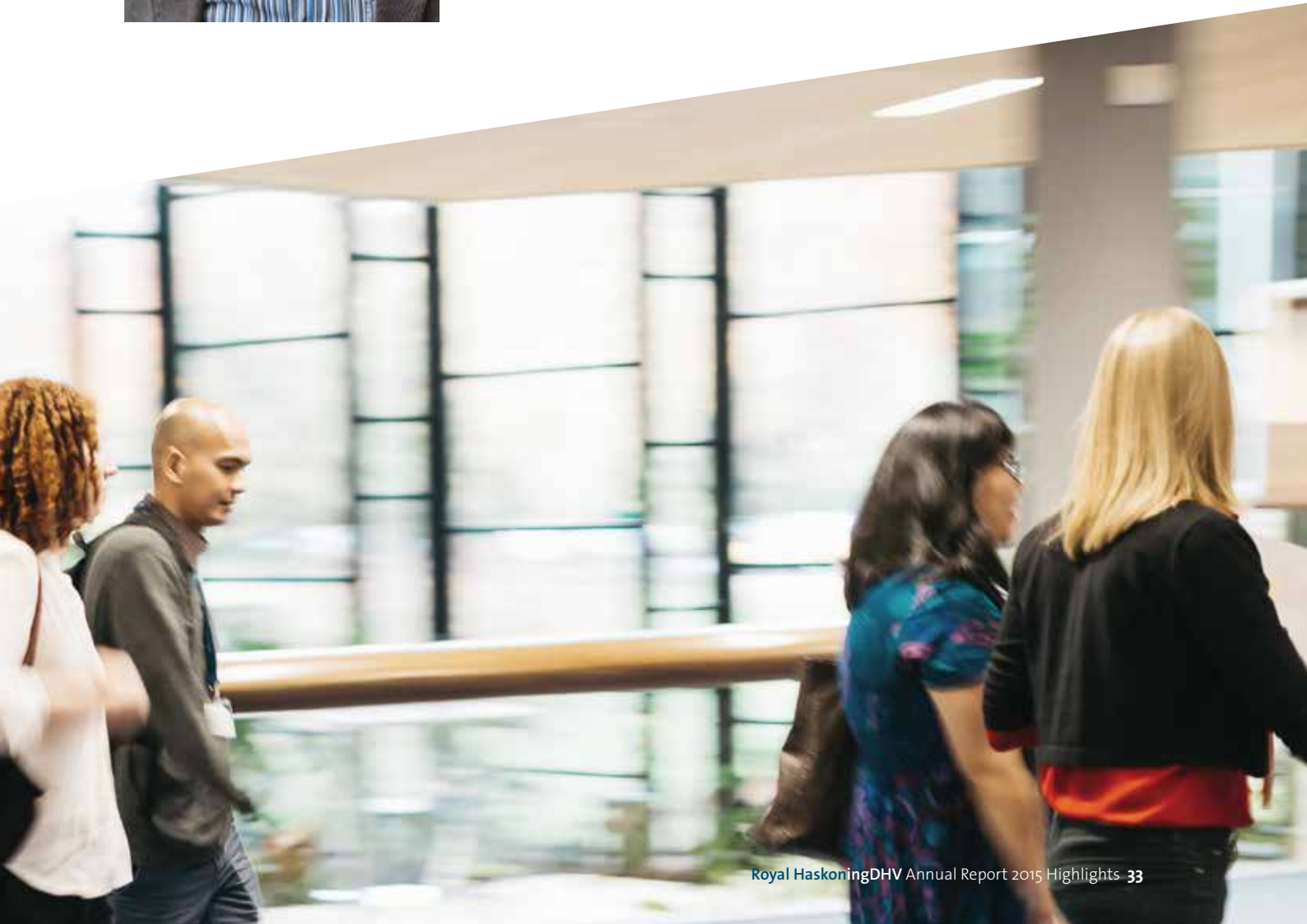
What makes me most proud looking back over my career is my own personal growth and the confidence I’ve developed in my designs. If people are good at their work, they enjoy it. That’s what makes a good atmosphere and forms the basis for commitment and loyalty within a company. Following from that, it would be

great if the company showed more appreciation for people who produce good results under time and budget pressures. The other thing I’d like to see? Fewer rules and less bureaucracy. I don’t have much direct contact with clients but I feel lucky to have an amazing team of colleagues around me.

That’s what gives me pleasure - working with great colleagues on a diverse range of beautiful and interesting projects. Projects that stand out for me are the Jamuna Bridge in Bangladesh. I worked on many stages of that project during seven secondments there. I’ve also had a long involvement with the new Doha Port project. I first started working on it in 2010.”

## **JAN ARTS**

*Jan Arts has worked for Royal HaskoningDHV since 1970 and is senior draftsman / designer.*





# 1881-2015

We value our 135 years of heritage.  
Together with our relationships  
we made a lasting journey.

**1881**

Haskoning (J. van Hasselt & de Koning) was formed



**1917**

DHV (Dwars, Heederik & Verhey) was formed



**1887**

Royal National Lifeboat Institution, United Kingdom

## 1881



**1881**

Hertog Reijnout Steam pumping station, Nijkerk, the Netherlands



**1884**

Heineken brewery Rotterdam, the Netherlands



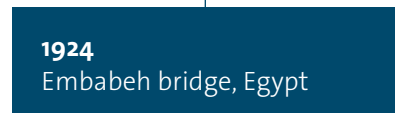
**1884**

Bridge over the IJssel river near Doesburg, the Netherlands



**1881**

Steam tramline in Doetinchem, the Netherlands



**1924**

Embabeh bridge, Egypt





**1940**

First central kitchen in Rotterdam, the Netherlands



**1950**

Schiphol Airport, the Netherlands



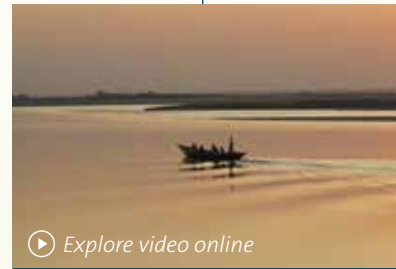
**1950**

Utrecht University, the Netherlands



**1960**

Kainji Dam project, Nigeria



**1960**

Feni River project, Bangladesh

# 1971

**1934**

Power station in Nijmegen, the Netherlands



**1955**

Naval base for Felixstowe, United Kingdom

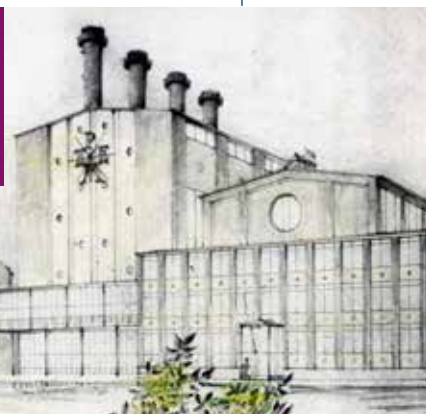


**1969**

Restoration Borobudur, Indonesia

**1945**

Power station in the Province of Zeeland, the Netherlands



**1971**

Royal HaskoningDHV head office, Amersfoort, the Netherlands







**1974**  
Tea drinking pavillion,  
Thailand



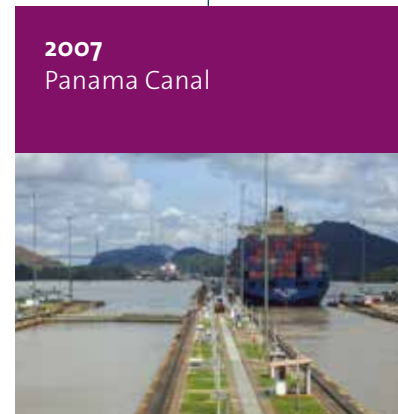
**2007**  
Dutch high speed train line,  
the Netherlands



**1980**  
Clean drinking water for the  
communities, Tanzania



**1999**  
Canary Wharf station,  
London, United Kingdom



**2007**  
Panama Canal

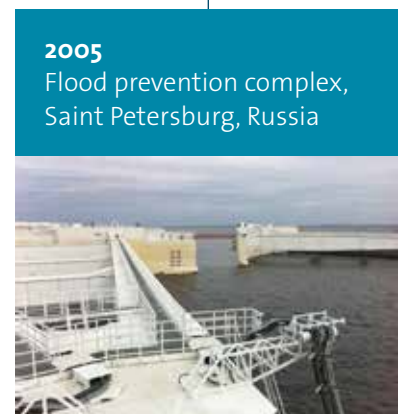
1974



**1985**  
PetroVietnam Gas Joint  
Stock Corporation, Vietnam



**2003**  
NACO (Netherlands Airport  
Consultants) was taken  
over by DHV.



**2005**  
Flood prevention complex,  
Saint Petersburg, Russia



**1985**  
Flood management system  
in Ho Chi Minh City,  
Vietnam



**2005**  
Flood defence system  
New Orleans, USA



**2005**  
South African and Russian  
Partnership company



**2007**

University medical  
centre Amsterdam,  
the Netherlands



[Explore video online](#)

**2011**

Nereda® water treatment  
technology, Epe,  
the Netherlands



**2011**

Museum Shanghai, China



**2012**

Bertrand van Ee and  
Erik Oostwegel toast  
to the new company:  
Royal HaskoningDHV

**2009**

Blackburn Pedestrian  
Bridge, South Africa



**2011**

Museum Shanghai, China

# 2015

**2008**

Palm Jumeirah island,  
Dubai, United Arab Emirates



[Explore video online](#)

**2015**

The Moray Flood Alleviation,  
United Kingdom



**2010**

Thanet Offshore Wind  
Farm, United Kingdom



**2013**

Hong Kong-Macau Link,  
China



[Explore video online](#)

**Can you imagine  
the future without  
engineers...?  
We are looking  
forward to the next  
135 years!**



# Company brands

## ELC Consulting & Engineering

ELC Group Consulting and Engineering (ELC) is a leading environmental and geotechnical engineering consultancy. ELC works in partnership with multinational clients that develop large infrastructure projects in the oil and gas, ports, energy, finance, building, healthcare and construction sectors.



a company of



## First Marine International

First Marine International (FMI) is a leading specialist consultancy to the marine industry. Established in 1991, FMI delivers expert assistance and information to shipbuilders, ship repairers and other marine related organisations worldwide. Its clients include private and public companies as well as governments, multinational authorities and funding agencies.



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## InterVISTAS

InterVISTAS Consulting Group is a leading management consultancy with extensive expertise in aviation, transport and tourism.

## InterVISTAS

a company of Royal HaskoningDHV

## Integrated Project Management (IPM)

Integrated Project Management (IPM) is an aviation project and construction management consultancy and a provider of integrated airport project management services with baggage handling expertise.



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## NACO

Netherlands Airport Consultants B V (NACO) is one of the world's leading independent airport consultancy and engineering firms and a global provider of integrated airport planning, airport design and airport engineering services.



## NPC

NPC is the partner when it comes to (re)development, upgrade and during reconstruction, retail operation and management issues on and around public spaces and stations.



a company of



## Ocean Shipping Consultants

Ocean Shipping Consultants (OSC) is a leading economic consultancy specialising in shipping economics and port development, with an unequalled database for trade, port and shipping data.



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## Chuchawal Royal Haskoning

Chuchawal Royal Haskoning, formerly known as Chuchawal-de Weger, is a Thai/Dutch joint venture that was established and incorporated in Thailand in 1974 to provide professional services as designers, engineers, consultants and project managers.



CHUCHAWAL ROYAL HASKONING

## Hydroprojekt

Hydroprojekt is one of the leading engineering companies in Poland, with over 60 years' experience delivering independent projects in the area of water management, flood control, environmental protection, hydraulic engineering, wastewater, hydropower and wind power, highways, roads and bridges, transport and mining.



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