

Solving global water challenges together

Dutch water expertise at Oman Water Week

6 - 10 April 2025





Welcome

Water is essential to life on earth. Covering 70 percent of the globe, it defines our blue planet. It connects and sustains us. We use it to generate our energy, drive our agriculture and industries, and safeguard our health and sanitation systems.

Mitigating the impact of climate change

Access to clean and safe water for all is a major Sustainable Development Goal (SDG 6). It is also essential for the achievement of all the other SDGs. That's why the Netherlands is committed to valuing water as a precious and finite resource.

As the Netherlands is located in a low-lying delta region, our history and culture have been formed by water. From this experience and by working together across sectors, we have learned to adapt and create sustainable and inclusive solutions in dealing with water-related challenges.

Open, inclusive, and inventive

This spirit of innovation and cooperation is reflected in our 'quadruple helix' model, where government, businesses, knowledge institutions, and societal stakeholders join forces. We believe the solution to the trials ahead lies in creating a comprehensive and integrated strategy for climate adaptation, water and sanitation, water security, drought mitigation, and flood protection focusing on the following areas:

- Spatial planning and design - including multipurpose and flexible infrastructure
- Smart use of water and climate data – using smart water technology solutions and AI
- Nature-based solutions (NbS) - utilising natural processes and ecosystems to address water-related challenges such as flooding, water quality, and scarcity

The Netherlands Pavilion at Oman Water Week

Throughout the conference programme of Oman Water Week, but especially at the Netherlands Pavilion (booth E704), you will find cutting-edge Dutch technologies, industry leaders, and policymakers working together to create sustainable water solutions.

Easily recognisable by its signature orange colour, the Netherlands Pavilion gives you as a visitor the opportunity to discover advanced innovations, participate in knowledge-sharing, and expand your network through dedicated matchmaking opportunities.

A central hub for Dutch water expertise, the pavilion serves as a distinguished platform showcasing Dutch proficiency, promoting international collaborations, and driving business opportunities within the global water sector. It highlights Dutch companies and organisations.

We look forward to welcoming you there!

Introducing the Netherlands

How do the Dutch make a difference?

Through their interactive approach to finding innovative solutions for big challenges facing the world today!

The Dutch way of thinking and working has been shaped by centuries of living in the low-lying delta of the Netherlands. Through the ages, the Dutch have joined forces to find ingenious ways to tackle challenges in the field of water, urbanisation, energy, food, health and security.

By being inventive, pragmatic and open to new challenges, the Dutch have created a flourishing and resilient nation.

The Netherlands is a constantly evolving ecosystem of cities, industry, agriculture and nature, all integrated through smart infrastructure. It is a source of knowledge and experience that the Dutch are keen to share with others. Learning from the past to create a better future. Together, seeking sustainable solutions for the most liveable world.



The Netherlands, your partner in solving global water challenges together!

Worldwide rankings

1st

Largest flower exporter
(Source: OEC, 2022)

3rd

Largest exporter of
agricultural products
in the world
(Source: WUR/CBS, 2023)

4th

Largest importer of
goods in the world,
842.05 billion US
dollars
(Source: Statista, 2023)

4th

Largest exporter of
goods in the world,
934,57 billion US
dollars
(Source: Statista, 2023)

4th

Leading economy
worldwide by Foreign
Direct Investment
(FDI) inward stock,
2,86 trillion US dollars
(Source: Statista, 2023)

6th

Greatest place to live
(Source: World Happiness
Report, 2024)

7th

on the Global
Innovation Index
(Source: WIPO, 2023)

9th

on the World
Competitiveness
Ranking

(Source: International
Institute for Management
Development, 2024)

Facts & figures

Official name:

Kingdom of the Netherlands

Capital:

Amsterdam

Seat of government:

The Hague

Form of government

Parliamentary democracy (cabinet of Prime Minister and Ministers) within a constitutional monarchy

Head of State:

His Majesty King Willem-Alexander, King of the Netherlands, Prince of Orange-Nassau

Location:

Western Europe bordering Germany, Belgium and the North Sea

Administrative structure:

The kingdom consists of four entities.

The Netherlands and three territories in the Caribbean: Aruba and Curaçao and St. Maarten.

Special municipalities

The overseas islands of Bonaire, Saba and St. Eustatius, all three of which are located in the Caribbean.

Surface area

41,543 km²

Number of inhabitants (2024):

18 million

Monetary Unit:

Euro

Languages:

Dutch, Frisian and on the overseas islands also English and Papiaments

GDP per capita
(World Bank, 2024):

57,800 US dollars

Number of provinces:

12

Number of inhabitants
per km² (2024):

533

Unemployment rate
(CBS, 2024):

3.7%

English speaking Dutch
people:

90%

Organised by



Dutch water experts at Oman Water Week

The Netherlands Water Partnership (NWP), in collaboration with the Embassy of the Kingdom of the Netherlands in Oman, is leading a Dutch trade mission to Muscat for Oman Water Week.

At the Netherlands Pavilion, top Dutch water companies will showcase their expertise, present innovative solutions, and engage in networking and matchmaking sessions.

Dutch water experts will also take the stage during the conference programme, sharing insights on key water challenges and solutions.

We invite all interested attendees to join these sessions and connect with the Dutch water sector to explore smart, sustainable solutions for Oman's water future.

The exhibitors in the Netherlands Pavilion (booth E704) are:

- Colubris Cleantech
- H2O Biofouling Solutions BV
- Nijhuis Saur Industries
- NX Filtration
- Royal Eijkelkamp
- Truxor Wetland Equipment - Rekel/water
- Utrecht University
- Wageningen university and research
- Witteveen+Bos Consulting Engineers

Company profiles



Contact person

Aisha Al Maawali - Middle-East sales manager

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Member of



Colubris Cleantech

A Dutch company with over 40 years of experience in separation and purifying technologies. We offer a complete range of products and processes for water, waste, and bioresource solutions. Technology that contributes to a sustainable world.

Colubris Cleantech is a Dutch family business that specializes in:

- Separation technologies
- Purification technologies

Our services include providing analytical data to strengthen the project design process.

We recognize the uniqueness of each project and tailor our support to align with the client's specific design requirements. We assist clients in selecting the optimal design process through comprehensive CAPX and OPEX calculations, along with ROI projections.

Lastly, we offer clients access to cutting-edge sustainable technology, delivering both environmental stewardship and economic advantages.

Product description

Water Solutions:

Solutions for reducing wastewater problems, re-using water and purifying water. Solutions to recover energy from wastewater.

Waste Solutions:

Solutions that allow waste flows to be separated so they can be re-used and upgraded.

Business interest & opportunities

Bioresource Solutions:

Solutions for upgrading residual flows from the food and vegetable processing industry.

Clients who are seeking to expand and improve and profit from the waste streams produced from their industry.

Colubris Cleantech

Stevinstraat 11 - 15

7102 DZ Winterswijk

The Netherlands

www.colubriscleantech.com



Contact person

Harry Polman - Managing Director

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Member of



H2O Biofouling Solutions BV

At H2O Biofouling Solutions (H2O BFS), we focus on providing innovative, environmentally friendly solutions to prevent biofouling in industrial water systems. Based in the Netherlands, we take a holistic approach to biofouling management, offering best-in-class End-to-End biofouling solutions covering biocide dosing procedures, engineering and design of dosing systems, implementation and monitoring (biomonitoring). In this way we can guarantee production capacity of the utility and availability of the plant.

We have a 30+ years of experience, also in GCC and Oman and serve power plants, desalination facilities, and the oil and gas sectors, ensuring that your cooling and intake seawater systems run smoothly while adhering to ecological standards.

Product description

Ecodosing provides effective biofouling control while minimizing chemical use, ensuring operational efficiency and compliance. Biovision provides continuous monitoring, helping operators to detect and prevent biofouling risks before they escalate, ensuring smooth operations.

Bioprotect prevents fish, jellyfish and seaweed ingress by combining deterrent systems with optimized screening, ensuring undisturbed operation.

Root-cause analysis helps to understand why and when the biofouling relation problem started. This is basis to prevent these issues in the future plants.

Business interest & opportunities

We are interested in clients who are involved in seawater treatment/use. This ranges from owners of assets, O&M companies, Engineering companies and EPC. In addition, governmental environmental organizations are of interest to support in setting up discharge regulations to prevent environmental impact along to coastal area's of Oman.

H2O Biofouling Solutions BV

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Contact person

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Sabrina Kraaijenbrink-Doetjes - Project
Manager

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Netherlands Water Partnership

Koningskade 40

2596 AA, Den Haag

The Netherlands

www.netherlandswaterpartnership.com

Netherlands Water Partnership

The Netherlands Water Partnership (NWP) is an independent non-governmental organisation founded in 1999 that acts as a platform for public and private water organisations to meet and create opportunities. NWP's core mission is to facilitate the Dutch water sector in addressing worldwide water challenges in a societally fair and environmentally friendly way, while enhancing the sector's international reach and economic success. It does this by carrying out programmes that: promote inter-sector partnerships and innovation; build coalitions around subjects or regions for a greater impact; strengthen the international presence of Dutch water organisations; and leverages collective strengths to influence policy and contribute to the SDGs.

As a network organisation, NWP maintains strong relationships with water sector stakeholders worldwide. It connects individuals and organisations, making it the first point of contact for those seeking collaboration with the Dutch water sector.

NWP network

NWP is the largest and most diverse international water network in the Netherlands. Given its extensive and ever-growing network, it is the primary hub for its Dutch members looking for global partnerships and business opportunities.

NWP's members work on a wide range of water-related projects, including water management, governance, flood prevention, engineering, reliable supply, and access to safe drinking water and sanitation. Its network consists of companies, government agencies, knowledge institutions, and NGOs, all united by a shared goal: to join forces for sustainable water solutions worldwide.

Product description

Sector collaboration is at the heart of NWP's mission. NWP brings diverse parties together to influence policy or research agendas, build business opportunities, or share knowledge and experience to facilitate the work of others.

NWP connects the international water sector with its Dutch peers at industry conferences and exhibitions. We coordinate the representation of the Dutch water sector at trade fairs, and use our network to seek the right participants and speakers for events. Further, NWP event services include online and in-person study tours, learning weeks, trade missions, webinars and other knowledge-sharing setups.

As NWP's mandate is to promote Dutch water expertise internationally, we give exposure to Dutch water actors via our corporate newsletter, the dedicated page dutchwatersector.com, and our social media channels.

Through our strong ties with Dutch embassies, water sector organisations and businesses that operate in certain territories, NWP is able to bring together the right expertise to carry out market analyses tailored to specific requirements. We share market intelligence via white papers and reports, and connect these to the work of Dutch water sector practitioners.



Contact person

Mohamed Khalaf - Service Manager
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Member of



Nijhuis Saur Industries

Founded in 1904, Nijhuis Saur Industries provides solid and adaptive solutions for sustainable and resilient water use, energy- and resource recovery. Since the inception of Saur's Industrial Water platform in 2019 more than 12 companies have been successfully acquired and integrated into one global operating company supporting municipal and industrial clients in over 140 countries with engineering and consultancy services, EPC / DBFOM project execution, mobile water solutions and O&M site services.

With an extensive portfolio of innovative technologies and game-changing solutions, Nijhuis Saur Industries is now delivering local, scalable, and circular water-on-demand solutions to more than 6000 references around the world and contributing to a more sustainable and resilient future.

Product description

At Nijhuis Saur Industries, we deliver innovative technologies for sustainable water use and resource recovery across industries and communities worldwide. From wastewater treatment and water reuse to energy and nutrient recovery, our bright and adaptive systems help clients meet environmental regulations, reduce operational costs, and contribute to a circular economy.

Backed by decades of experience and a global footprint, we turn water challenges into opportunities—ensuring a cleaner, greener, and more resilient future for all.

Business interest & opportunities

We are looking for new clients or partners to strengthen our presence in the Oman market and increase our customer base.

Nijhuis Saur Industries

Innovatieweg 4
7007 CD Doetinchem
The Netherlands
www.nijhuisindustries.com



NX Filtration

At NX Filtration, we believe that water is the most valuable resource on earth, and we are committed to revolutionising water treatment with our breakthrough membrane technology. Our innovative hollow fibre nano-filtration membranes offer significant savings in energy and chemical use compared with traditional membrane technologies, while retaining micro-pollutants, colour, plastics, viruses and bacteria.

Contact person

Ahmed Elkhateeb - Sales Manager

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Member of



Product description

Membranes, Nanofiltration, Hollow fibre membranes, Ultrafiltration, Microfiltration, Wastewater treatment, Water treatment, Water reuse, and Surface water treatment to remove organics, micro pollutants, pesticides, microplastics, PFAS.

Business interest & opportunities

looking for Partners, mainly OEM and EPC clients, meet with End users of water & wastewater industry like NAMA, Majis , ...our patent technology of hollow fiber membranes is a unique global technology and need validation with clients who could give space for piloting and testing to prove our quality and high end membranes .

NX Filtration

Haaksbergerstraat 95

7554 PA Hengelo

The Netherlands

www.nxfiltration.com



Contact person

Alfred Geitenbeek - Director Strategic
Business Development

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Member of



Royal Eijkelkamp

Personal attention and a unique range of solutions: for more than 110 years Royal Eijkelkamp has been designing, developing, producing and implementing integrated solutions for soil and water worldwide. Harsh climate conditions and more extremes in the weather force to closely monitor and manage your soil and water in a sustainable way.

We offer premium quality instruments and a customized online platform to collect and show ALL relevant data in one view. Data is power and integrated solutions mean confidence, control and peace of mind.

You are most welcome to learn more about our capabilities at the Netherlands Pavilion, booth E704!

Product description

Royal Eijkelkamp supplies comprehensive solutions for water management: an online platform and reliable data from our smart sensors for water level, water quality and various soil parameters.

Our Water Works partnerships offer turnkey solutions for "extreme weather control systems", "fresh water preservation" and "salinization protection".

Business interest & opportunities

We are looking for interested parties to cooperate in the Sultanate of Oman.

Royal Eijkelkamp

Nijverheidsstraat 9
6987 EN Giesbeek
The Netherlands
www.royaleijkelkamp.com



Truxor Wetland Equipment - Rekel/water

Truxor Wetland Equipment is a global company with a network of retailers in 45 countries. Our headquarters is in the north of Sweden, Dorotea, with 40 employees in production, development, and management. We aim to construct the best amphibious machines with continuous innovation and product development as a foundation.

Contact person

Ruud Kampf - Wetland specialist,
quartermaker new markets
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Product description

An amphibious machine constructed for various work with water management. With its various tools and accessories, the Truxor machine is perfect for environmental work. The Truxor machine works on land and in water, in areas where other heavy machines can't reach. Change tools and accessories to suit the nature of the job.

Business interest & opportunities

Looking for clients and decision makers which are in need for a solution or efficiency in water management.

Truxor Wetland Equipment - Rekel/water

Östra Polarvägen 10
917 32 Dorotea
Sweden
www.truxor.com



Utrecht University

Utrecht University

Associate Professor at Utrecht University, specialized in porous media, hydrogeology, and sustainable water management.

Our research focuses on water resources, groundwater flow, and contaminant transport, with applications in arid regions like Oman.

We collaborate internationally to develop innovative solutions for water challenges, combining modeling, experiments, and field studies to support sustainable water use.

Contact person

Amir Raoof - Associate Professor

Sultan Qaboos - Chair of Quantitative Water Management

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Utrecht University

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www.uu.nl/medewerkers/ARaoof



Wageningen university and research

Wageningen University & Research (WUR) is a public research university in Wageningen, Netherlands, specializing in life sciences with a focus on agriculture, technical and engineering subjects. It is a globally important centre for life sciences and agricultural research.

Wageningen University, as a research university, grants degrees at the BSc, MSc and PhD level in life and social sciences. It focuses its research on scientific, social and commercial problems in the field of life sciences and natural resources.

The university has about 12,000 students from over 100 countries. It is a member of the Euroleague for Life Sciences (ELLS) university network.

Contact person

Shahab Shariat Torbaghan - Assistant professor

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Member of



Business interest & opportunities

Launch, academic, & industrial partners for future scientific collaborations." (76 characters)

Wageningen university and research

Droevendaalsesteeg 4
6708 PB Wageningen
The Netherlands
www.wur.nl



Witteveen+Bos Consulting Engineers

Witteveen+Bos, established in 1946, is one of the leading consulting engineering firms in the Netherlands. At present, the company employs 1,600+ professionals worldwide who work in multi-disciplinary project teams in a broad range of engineering, economic, and management fields, amongst others related to water, ports, transport, infrastructure and environment. Witteveen+Bos is headquartered in Deventer, and a network of 23 offices in 11 countries around the world.

In order to keep abreast of new challenges and developments in the various sectors of expertise, and to ensure an effective management and coordination of our services, the company is organised into four business lines:

- Deltas, Coasts & Rivers
- Infrastructure & Mobility
- Built Environment
- Energy, Water & Environment

Each year, Witteveen+Bos completes around 4,000 projects in these fields with an aim to maximize value creation. This means sustainable solutions for clients, and opportunities for talent development for our employees. The four business lines consist of expert groups within the different disciplines, relevant to that area of expertise.

Product description

With respect to water supply, wastewater treatment & sewerage, we have comprehensive knowledge and experience with the entire chain of processes related to water supply, starting from sustainable use of water resources, drinking water production and distribution up to the collection and treatment of wastewater. We have been involved in practicing the 'leading edge' in water treatment. Accustomed to conventional treatment practice, we have enthusiastically participated to put innovations into practice.

Besides working on infrastructure development, we support the water sector on a range of other issues such as reduction of non-revenue water, water demand planning, start-up and commissioning of treatment plants, optimization of water treatment plants, reduction of operation costs, technical assistance and training of staff. We have implemented (waste)water treatment plants, transmission and distribution networks & sewerage networks in many different countries around the world.

Business interest & opportunities

Our main interest is meeting new clients, particularly in the fields of water services, industrial Services, water solutions, and integrated utilities developers and operators.

Contact person

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Member of



Witteveen+Bos Consulting Engineers

Leeuwenbrug 8
7411 TJ Deventer
The Netherlands
www.witteveenbos.com

Knowledge programme

The following Dutch speakers are featured in the Oman Water Week programme. You are warmly invited attend their sessions, learn from their experiences, and exchange ideas with them!

Nama Water Talks

8 April 2025 | 10:45 - 11:00

"Upgrading wastewater stabilization ponds, reducing the carbon footprint and effective maintenance with lightweight amphibian tractors"
Ruud Kampf, Truxor Wetland Equipment

9 April 2025 | 11:15 - 11:30

"Enhancing municipal wastewater reclamation using hollow fiber nanofiltration"
Ahmed Elkhateeb, NX Filtration

Oman Water Week conference

9 April 2025 | 9:20 - 9:50

Municipal water programme: "NRW reduction project using innovative techniques"
Michel Bretveld, Witteveen+Bos

9 April 2025 | 12:10 - 12:25

Municipal water programme: "AquaConnect: How to avoid the limitations on brine valorisation via electrodialysis?"
Shahab Shariat Torbaghan, Wageningen University

9 April 2025 | 14:30 - 16:00

Produced/ Industrial Water Programme:
"Environmentally friendly biofouling control in seawater intakes using UVC LED: A new non-chemical approach"
Harry Polman, H2O Biofouling



MEDRC Roundtable programme

Pathways Towards Resilience & Sustainability

The Middle East Desalination Research Center (MEDRC) is pleased to host an exclusive roundtable session during Oman Water Week, bringing together key experts and stakeholders from Oman and the Netherlands to discuss critical water issues. This closed-door event, held by invitation only, will provide a focused setting for high-level discussions, collaboration, and innovative solutions in water management and desalination. Please note that the programme is subject to change.

Opening and introduction

Embassy of the Kingdom of the Netherlands in
Oman & Netherlands Water Partnership

Session 1: Water-Climate-Stormwater & Flood Management

Robin Morelissen, Deltares

Session 2: Coastal Protection-Mangroves & Pollution

Amrit Cado van der Lelij, Van Oord

Session 3: Water-Energy-Green Hydrogen & Oman Vision 2040

Dr.Sausan al Riyami, Oman Hydrogen Center

Session4: Water-Agriculture-Nexus, Efficiency, Sustainability

Amir Raoof, Utrecht University

Session 5: Water Resources- AI Tools

Ele Jan Saaf, Saaf Consult

Closing Presentation: Wetskills-Salalah

Loay Alatrash, Wetskills



