

NL

Netherlands



Solving global
water and energy
challenges together

Oman
Sustainability
Week 2024

A word from our ambassador to Oman

It is a great pleasure to welcome you to the Sultanate of Oman and to the Oman Sustainability Week. For the past years the Embassy of the Kingdom of the Netherlands in Oman has focused its economic diplomacy efforts on the renewable energy and water sector, as well as on sustainable logistics. In this context, we concluded a Memorandum of Understanding on hydrogen and a strategic water cooperation between our countries.

Oman offers many interesting new business opportunities for Dutch companies to introduce their knowledge, expertise and services for renewable energy, clean energy fuels, hydrogen, solar & wind, energy storage and batteries, carbon capture and storage/utilization, refining efficiency (flaring, methane reduction), among other sustainable developments. Moreover, the United Nations Sustainable Development Goals are 17 points that many countries, including Oman, agreed upon to make this planet of ours a more sustainable place. Number 12 of the SDGs (responsible consumption and production) is a key objective for Omani policymakers.

Oman is investing heavily in energy transition and is programming a large stream of wind and solar energy projects to produce and export clean energy fuels, including ammonia, hydrogen and methanol. These sustainable fuels will benefit the rest of the world by powering the worldwide energy transitions that are underway. One organization that is investing in this arena is Hydrom, which aims to produce one million tons of green hydrogen by 2030 for Oman. Other related products such as green steel, green aluminum and sustainable aviation fuel are being prepared as well. Oman is attracting new investments for these projects from partners in the region and in the wider world. This progress is important, since transitioning into a sustainable economy requires a lot of water in and of itself.

What is also unique about Oman's position as a future sustainable energy leader is the progress which it has made on green mobility. The transition from a fossil fuel-driven economy to a sustainable one cannot succeed without changing the way we move ourselves from point A to point B. In a car-dependent country like Oman, prioritizing green mobility will certainly have a positive effect on achieving the UN's Sustainable Development Goals, especially Goal number 11, which is to target sustainable transportation systems that will lead to a greater resource efficiency.

Sustainable Development Goal number 6 is especially relevant to this conference, as this goal outlines that water quality should be improved, more easily accessible and be used more efficiently. I hope that today, we can work on this goal together in pursuit of a more sustainable environment.

I look forward to receiving you here in Muscat to strengthen the cooperation between the Sultanate of Oman and the Kingdom of the Netherlands with a focus on sustainability.



Stella Kloth

Ambassador

Embassy of the Kingdom of the Netherlands in Oman

Introduction

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

In the Netherlands, government, businesses, knowledge centers, and local stakeholders work together to find ways to resolve challenges inclusively in a way that benefits everyone. This approach is also known as the 'quadruple helix'.

We believe the solution lies in creating a comprehensive and integrated strategy for climate adaptation, drought mitigation, and flood protection focusing on the following areas:

- Nature-based solutions (NbS) - including building with nature (BwN) and Room for the River principles
- Spatial planning and design - including multipurpose and flexible infrastructure
- Smart use of water and climate data – using water and delta technology

We are delighted by the opportunity for both the visitors to Oman Sustainability Week as well as the Dutch experts participating in this trade mission, to learn from each other and to explore new opportunities for cooperation.

Oman Sustainability Week

We invite you to **visit the Netherlands Pavilion (booth 1210)** and to **join the Sustainability Talks** sessions on innovations from the Netherlands **on 29 April and 30 April at OSW Talks (Booth 1760)**.

The Sustainability Talks on 29 April will highlight Dutch innovations in water treatment & water management. The Sustainability Talks on 30 April will highlight Dutch innovations in hydrogen, renewable energy & storage. The Welcome address will be given by Mrs. H.E. Stella Kloth, Ambassador of the Kingdom of the Netherlands in Oman.

The delegates in the mission to Oman are looking forward to acquiring new business contacts and leads from Oman and the wider Gulf region, and to taking the opportunity to connect with the sponsors of the Oman Sustainability Week, such as Nama Group (formerly Oman Water & Wastewater Services), Oman Environmental Services Holding Company (Be'ah), Shell Oman, Asyad Group (Oman's global integrated logistics provider), and OQ (Oman's global integrated energy group).

We look forward to connecting with you and exploring the opportunities for collaboration!



Program overview

Sustainability talks: Monday, April 29th

10:00 - 11:00
OCEC, Room 14

Meeting with the Ministry of Energy and Materials

12:00 - 14:00
OCEC, Room 14

Meeting with NAMA

16:20 - 17:20
**Dutch innovations in
water treatment and
water management**

**Location: exhibition
floor of Oman
Sustainability Week,
booth 1760**

16:20: Introduction by Marieke Leenhouts,
Netherlands Water Partnership

16:25: Welcome address by H.E. **Stella Kloth**,
Ambassador of the Netherlands to Oman

16:30: **Bluecon International**: Wastewater
treatment and potential re-use in Oman

16:45: **Nijhuis Saur Industries**: how to close the
water loop for industries?

17:00: **Jotem Water Solutions**: BluElephant, an
answer for decentralized waste water treatment

17:15: **Boskalis**: Building the sustainable future

17:30 Closing

Sustainability talks: Tuesday, April 30th

**16:15 - 17:15 Dutch
innovations in
hydrogen,
renewable energy
and storage**

**Location: exhibition
floor of Oman
Sustainability Week,
booth 1760**

16:15: Introduction by **Bas van Driel**, Embassy of
the Kingdom of the Netherlands to Oman

16:20: Welcome address by **Jan-Jaap Gerards**,
Deputy Head of Mission & Head of Economic
Affairs at the Embassy of the Kingdom of the
Netherlands to Oman

16:25: **Advario**: Our journey towards sustainable
business

16:37: **Port of Rotterdam**: Moving towards
renewable fuels & chemicals

16:49: **RealPars**: Smart Manufacturing

17:01: **Witteveen+Bos**: Cooling Oman: Innovative
Aquifer Energy Storage

17:13: Closing

19:30 - 22:30
Kempinski Muscat

King's Day event



Main sponsor: Advario



Roberto Galimberti

Content & Communications
Manager

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Company profile

Advario is a leading storage and logistics provider, safely and efficiently storing liquid energy and chemical feedstock for our customers. We operate a global network of energy storage terminals and are a future-focused company, with an ambitious strategy focused on growth, value delivery and sustainability.



Wies Schellart

Content & Communications
Manager

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ADVARIO

Partners for progress

The Advario terminal in the Sohar Port & Freezone has been a partner for progress for companies in Oman's energy sector since 2006. With a storage capacity of nearly 1,3 million cubic meters, a wide variety of tank types, and an excellent waterfront, Advario Oman serves Sohar's industry by providing the storage solutions our partners need to be successful throughout the Energy Transition.

WTC Rotterdam
Beursplein 37
5th floor-low rise
3011 AA Rotterdam
The Netherlands
www.advario.com

Products/solutions

Advario's future lies in chemicals, gases and new energies, and that's where we will put our effort and capital growing the business. We are ready to support our partners (in Oman and abroad) throughout the Energy Transition, by providing them with the storage and logistics solutions they need to transition their portfolio. We can do this at our existing facility in Sohar, where there is ample space for growth, or by growing our business where our partner needs us.



Bert-Jan Pit

Director

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Company profile

Bluecon's innovative "Blueconizing" technology offers a decentralized, cost-effective solution for physical wastewater treatment, catering to diverse settings from villages to small towns. Its vision of transforming wastewater into reusable water aligns with sustainable development goals, promising a brighter, more efficient future for water management worldwide.



Bluecon International BV
IJsselsteijn 7
6956 AZ Spankeren
www.bluecon.nl

Products/solutions

Bluecon designed a compact containerized modular, easy to operate, small footprint system, utilizing the innovative "Blueconizing" process, achieves unparalleled wastewater purification, meeting more than EU discharge standards. Customized to match influent water quality, its modular design ensures flexibility, delivering standardized solutions for diverse wastewater treatment needs.

What we're looking for

Bluecon would like to get in touch with a potential local distributor, with knowledge and/or a network in Wastewater treatment, experienced in tender processes with local governments. Field of experience could be civil sewage engineering or civil construction works.



Laurens Poelhekke

Commercial Manager

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Company profile

Boskalis creates new horizons for all its stakeholders. As a leading global dredging contractor and marine services provider we offer a unique combination of experts, vessels and services. Maintaining the highest safety and sustainability standards, we provide innovative and competitive all-round solutions to our clients in the offshore energy sector, ports, coastal and delta regions of the world.



With its head office in the Netherlands, Boskalis has over 100 years' experience in hydraulic engineering, coastal protection and land reclamation. We operate in 90 countries and across six continents, with a versatile fleet of more than 500 vessels and floating equipment.

Boskalis Westminster Contracting
Limited
2nd Floor Liwa Tower, Capital Center
Al Khaleej Al Arabi Street
PO Box 4831
Abu Dhabi
United Arab Emirates
www.boskalis.com

Products/solutions

Our services include the construction and maintenance of ports and waterways, land reclamation, coastal defense and riverbank protection.

We also offer a wide variety of maritime services and contracting to the offshore energy sector, including: the development, construction, transport, installation, inspection, repair & maintenance (IRM) and decommissioning of oil and LNG import/export facilities, offshore platforms, pipelines and cables and offshore wind farms.

We provide towage services, emergency response and salvage through SMIT.

What we're looking for

We are looking to connect to Government, Organizations and Companies active in the construction and maintenance of Port and Maritime infrastructure, Offshore Energy, and Land Reclamation.

Company profile



Aisha Nasser Zahir Al Maawali

Area Sales Manager

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Colubris Cleantech is a privately owned 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 recycling and bioresource solutions. Colubris designs, manufactures, constructs and commissions complete (waste)water, water reuse, waste recycling and biorefinery systems.



From a simple screen to the integration of the most advanced technologies aimed to generate value from waste and wastewater. And we do this worldwide through a network of subsidiaries, agencies and distributors. From idea to the turnkey realization.

Colubris Cleantech
Stevinstraat 11-15
7102 DZ Winterswijk
The Netherlands
www.colubriscleantech.com/int

What we're looking for

The importance of water reuse cannot be overstated in the context of global environmental challenges. It is a critical component in the fight against water scarcity, a challenge that is becoming increasingly acute with the pressures of climate change, population growth, and industrial expansion. Through our technologies and expertise, we are dedicated to advancing water reuse practices that not only conserve water but also protect our ecosystems.



Robin Morelissen

Regional Manager Middle East

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Company profile

With a strong history of innovation and rich in renewable energy resources, the Middle East and Gulf area is well-placed to be at the forefront of the energy revolution. With a proven track record in the region, Deltares works together with local partners to maximise these opportunities and deliver innovative solutions. Energy and infrastructure form part of our core expertise. We have extensive experience with resilient cities and urban resilience, resilient infrastructure (including planning, assessment and adaptation), and infrastructure renewal and renovation. In terms of energy, we offer advice on renewable energy and district cooling.

Deltares

Products/solutions

Deltares has expertise across a range of areas, including the sustainable development and management of offshore and coastal zones, and in wider coastal zone management and integrated water resources management. We can provide real-time water information for flood and hydrological forecasting. Our work with our partners to deliver nature-based solutions, thereby improving ecosystem health and climate change impact analysis and adaptation and specialise in natural hazards and adaptation measures.

What we're looking for

We are looking for strategic knowledge partners for collaboration on impactful projects in the field of water and subsoil in relation to the challenges in Oman related to climate change, infrastructure and water resources. These could be governments, authorities as well as private partners.



Bert Jansen

Sales Manager

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Company profile

Jotem Water Solutions offers products for various water treatment applications. The solutions are typically box, skid or container based. Jotem creates solutions for drinking water, water for irrigation, waste water treatment and water re-use. Jotem designs, develops and manufactures in-house in the Netherlands.



Jotem Water Solutions
De Watergang 16
7671SW Vriezenveen
The Netherlands
www.jotem.nl

Products/solutions

BluElephant is a stand-alone waste water treatment system developed to manage domestic household waste water for up to 150 persons. This unique solution has been developed for decentralized use and is therefore build to last. The need for maintenance is low and regular service is easy in access and execution.

Essentially BluElephant is a smart membrane bio reactor (smart-MBR). The design is not only astonishing, but the sphere form also optimizes heat exchange and ensures a homogenic mixture, resulting in a very high efficiency of >97%! The effluent water is clean enough for sanitary use, discharge to open water or irrigation of crops. And because of the closed system there is no area disruption in the form of noise and bad smell.

What we're looking for

Jotem is looking for local partners with (waste)water treatment experience to serve as distributor and/or installer. Including support and maintenance.

Jotem is also looking for end user that need to solve issues with decentralized waste water, water re-use, drinking water and disaster relief solutions.



Bert van Erkel

Inspection Manager

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Company profile

We are Kiwa, a world top 20 leader in Testing, Inspection and Certification (TIC). With our certification, inspection, testing, training and consultancy services, we create trust in our customers' products, services, processes, (management) systems and employees.

We do so in a wide variety of markets segments, ranging from construction and energy supply to drinking water, healthcare, food, feed & farming. Areas of expertise include management systems, corporate social responsibility and lab testing, among many others.



We have clients in manufacturing and process industries, (business) services, public and private utilities, governments and international institutions.

Kiwa employs over 10,000 people in over 40 countries, in Europe, Asia, the Americas and Oceania. Since 2021 we are a member of SHV Family of Companies.

Kiwa
Sir Winston Churchill-laan 273
2288 EA Rijswijk
the Netherlands
www.kiwa.com

Products/solutions

Kiwa wants to help companies and organisations go forward as an independent, impartial and innovative partner. You have the ambition and Kiwa has the knowledge to help you achieve progress. Kiwa's core business lies in activities in Testing, Inspection and Certification (TIC), Training and Consultancy.

The specialists from Kiwa aim for a long-term relationship with you that is based on equality in order to help you improve your organisation, products, services, processes, management systems and employees. Thus, we aim to contribute to organisations being able to offer quality and adding value to society thanks to their reliability, safety, efficiency and sustainability. Trust, Quality, and Progress!

What we're looking for

We like to engage with local Authorities, Manufactures and Distributors



Mohamed Khalaf

Middle East Representative -
Service Manager

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com

Company profile

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 5000 references around the world and contributing to a more sustainable and resilient future. Our purpose is to be an advocate for water, ensuring everyone gives water the value it deserves. With our unique Customer for Life approach, we protect water resources, contribute to the water-, energy- and food transition, and help to restore and close the water loop. We call it Mission Water

Nijhuis Saur Industries
Innovatieweg 4
7007 CD Doetinchem
The Netherlands
www.nijhuisindustries.com

Products/solutions

Integrated solutions to solve industrial and municipal water challenges to close the water loop. We draw on extensive experience as an international water EPC contractor, technology provider, service and O&M provider, and a water innovator. With the synergies this brings, and our portfolio of operational solutions, technologies, equipment and expertise, we provide real answers to your specific challenges, delivering water on-demand. In a nutshell, we Integrate Systems and act as EPC or DBFOM contractor; Deliver Technologies and Solutions; Provide (mobile) services and consumables; Operate and Maintain (O&M).

Main sponsor: Port of Rotterdam



Marielle Chartier

Business Manager Circular
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Company profile

The port of Rotterdam is the largest port in Europe. We manage, operate and develop the Rotterdam port and industrial area and are responsible for ensuring safe and expedient shipping services. We are proud of our current port and large Industrial cluster and are working hard with our partners to build the port of the future. Looking ahead, we aim to create an environmentally-friendly, inclusive and safe port.



If the port's future is to be successful, it is important that companies in the port and the shipping industry can continue to develop, but in doing so they must consider the impact on the climate. This requires, among other things, new technologies, new value chains, new earning models and new partnerships. The port of Rotterdam aims to be a climate neutral port by 2050.

Port of Rotterdam
Wilhelminakade 909
3072AP Rotterdam
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www.portofrotterdam.com/en

RENEW Initiative by Universiteit Utrecht



Prof. dr. Ruud Schotting

Hydrogeology Department

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Company profile

RENEW is a pioneering interdisciplinary alliance between Oman and the Netherlands, focused on addressing critical challenges in the water and energy sectors. By leveraging a rich history of collaboration, we aim to develop sustainable solutions that will guide future societal sustainability in these two critical realms. Our efforts are bolstered by the support of the Chair of Sultan Qaboos at Utrecht University and a series of strategic meetings, fostering a strong partnership aimed at innovation and knowledge exchange.



Dr. Amir Raoof

Hydrogeology Department

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Shahpour Shapournia

Co-founder & CEO

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Company profile

We help industrial enterprises with learning and engineering solutions for smart manufacturing.

REALPARS

Products/solutions

1. RealPars Learn: This can be a great solution for industrial companies who are looking to train their engineers or technicians for smart manufacturing. We already have industrial leaders like Volkswagen, Scania, and Moderna using our online learning platform to train their personnel. Here is more info on this.
<https://www.realpars.com/for-teams>

2. RealPars Automate: Using this product our smart manufacturing experts can offer solutions to modernize and enhance industrial operations such as oil and gas, water treatment, petroleum, etc.

RealPars
Marconistraat 16
3029 AK Rotterdam
The Netherlands
www.realpars.com

What we're looking for

We are looking for B2B industrial enterprise who need smart manufacturing solutions.



Hamad al Balushi

Area Manager - Middle East

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Company profile

Van Oord is a global maritime contractor specializing in dredging, offshore oil & gas infrastructure and offshore wind. Sustainability is an integral part of Van Oord's strategy, decisions and activities, as well as our responsibility to care for the environment, both for this and future generations.



Van Oord and its various subsidiaries carry out projects around the world, respecting the working environment. Our work combines professional skill with experience of local conditions and powerful innovations. The company offers integrated solutions to client's marine engineering problems, while managing the entire process from design to delivery. The company shares a passion for water and technology and develops and achieves innovative, sustainable solutions for its clients.

Van Oord Gulf FZE
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Theo Festen

Finance Director - Corporate
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Company profile

Headquartered in the Netherlands, Vopak provides storage and infrastructure solutions for vital products that enrich everyday life. These products include liquids and gases that provide energy for homes and businesses, chemicals for manufacturing products, and edible oils for cooking. Together with our partners and customers, we are accelerating the development of infrastructure solutions for hydrogen, ammonia, CO₂, long-duration energy storage, and low-carbon fuels & feedstocks – paving the way to a more sustainable future. Worldwide, Vopak has 76 terminals across 23 countries.



Ismail Mahmud

Managing Director Saudi Arabia &
Director Middle East BD

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Products/solutions

Storage and infrastructure solutions for oil, chemicals, gases and zero-low carbon fuels including hydrogen, ammonia, green feedstocks and long duration energy storage systems.

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Company profile



Marieke Leenhouts

Project Manager
Communications & Events
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The Netherlands Water Partnership (NWP) is an independent, non-governmental foundation, established in 1999. We implement programs that promote cross-sector collaboration and innovation, by building coalitions around themes or regions, increasing the international visibility of the Dutch water sector, and joining forces contribute to achieving the UN Sustainable Development Goals.



We do this by organising trade missions, learning weeks, study tours, Netherlands Pavilions at international events, matchmaking, and promoting the Dutch water sector via the international NWP media outlets.

NWP and its broad network organisation of over 180 members connects individuals in the water sector and beyond who do not always easily find each other in their immediate environment.

Netherlands Water Partnership
Koningskade 40
2596 AA The Hague
The Netherlands
www.netherlandswaterpartnership.com

Products/solutions

WP offers a range of services where its wide network is key to successful intervention outcomes. Our services include programme management, sector collaboration, organising trade missions and events, and promotion of the Dutch water sector on an international stage.

NWP provides a fertile, neutral forum for discussion which can lead to innovation and opportunities for policy, research, and business alike. We link knowledge supply with demand, and make a difference by promoting Dutch expertise and innovation in international markets where opportunities are greatest.

What we're looking for

NWP is the first port of call if you want to get in touch with the Dutch water sector to further your ambitions.



Saleh Mohammadi

Senior Energy Consultant

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Company profile

Witteveen+Bos is an engineering firm that was established in the Netherlands in 1946 with 22 offices in 10 countries, employing 1450 highly educated professionals and experts in Built Environment, Energy/Water/Environment, Deltas/Coasts/Rivers, and Infrastructure/Mobility.



We have been active in the Middle East for more than 25 years and have completed projects in the fields of port master planning and engineering, water and wastewater studies & high-level designs, landscape architecture, marine consultancy, energy solutions & technical advice, and environmental assessments. Several of these projects have been executed in Oman.

Witteveen+Bos
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Cluster E, JLT
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United Arab Emirates
www.witteveenbos.com

Products/solutions

Witteveen+Bos provides design, engineering, technical advice, feasibility studies in the fields of:

- Built Environment - landscape architecture, urban planning, energy transition, area development and urban transformation, mangrove reforestation.
- Deltas, Coasts, and Rivers - ports and waterways, geo-engineering, hydrodynamics and morphology, land reclamation.
- Energy, water, and environment - energy industry, asset management, drinking water, wastewater, soil remediation and sustainability, circular and biobased solutions.
- Infrastructure and mobility
- Cycling and pedestrian bridges and tracks.

What we're looking for

Government, policy makers, and private sectors in Water and Energy divisions. Engineering and environmental consultants in similar works.

Organizing team

Netherlands Water Partnership

www.netherlandswaterpartnership.com



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