PIB Water Cluster Companies

Together towards a water secure tomorrow!



Netherlands

Haskoning
Enhancing Society Together

Core theme
Sustainable water and climate resilience solutions.

Company description
Haskoning is an independent international consultancy that combines engineering, design and consultancy services with software and technology. We are a global leader in water, designing solutions that tackle challenges like climate change and water scarcity. We work across the entire water cycle with water utilities, local and regional governments, industrial water users and other partners. Our expertise has been recognised as Water Technology Company of the Year 2026 at the Global Water Awards and a second-place ENR Global Sourcebook ranking for Marine and Port Facilities 2025.

Products & Services
Integrated water, climate and environmental services for resilient solutions across APAC.

- Rivers, Flooding and Water Management: flood risk planning, river basin management, modelling, flood protection, nature-based solutions and early warning systems.
- Coastal Development and Management: coastal planning, modelling, habitat restoration, resilient infrastructure, shoreline protection and coastal engineering.
- Climate Strategy and Finance: climate risk assessments, adaptation planning, disaster risk management, disclosure, governance and climate finance.
- Environment and Social Safeguards: impact assessments, environmental management, water quality and sediment studies, social safeguards and stakeholder engagement.
- Water Technology: water strategy, reuse, digital twins, technology selection, Nereda, Ephyra, Aquasuite, operations optimisation and circular design.

Contact details
Alwin Commandeur
Business Development Director Southeast Asia
+66 6 5804 0025
alwin.commandeur@haskoning.com



Showcase
Feasibility study on the application of nature-based solutions in Metropolitan Manila
Client: Metropolitan Manila Development Authority

Metropolitan Manila experiences severe annual flooding in a densely urbanised environment. As part of the City's wider resilience programme, this feasibility study explores nature-based and space-for-water solutions to complement the existing drainage network.

Covering 24 sites across 17 local government units, the study combines environmental screening, multi-hazard risk assessment, hydraulic modelling, and stakeholder engagement. Haskoning leads project management, site selection and prioritisation, technical analysis, toolkit development, factsheet preparation, and client communication, supporting the preparation of potential interventions valued at approximately USD 150 million.

A key element of the study is the co-creation of solutions with city authorities, local communities, and stakeholders. Combining engineering expertise with local and international knowledge ensures that proposed measures not only reduce flood risk, but also enhance public spaces, deliver environmental and social benefits, and integrate seamlessly into the surrounding urban context.

Netherlands

Delta Context
Driven by Water

Core theme
Driven by water, we deliver adaptive and integrated solutions for resilient water systems, infrastructure, and communities — using innovative and nature-based approaches to build climate resilience for all.

Company description
Founded in 2020, Delta Context is an engineering consultancy that operates internationally in the water sector, focusing on deltas, coasts, rivers, ports, and waterways. Drawing on over 35 years of combined experience from key staff and a broad expert network, we have a strong presence in South and Southeast Asia, serving national governments, the private sector, and development partners. We delivers expert, context specific solutions by combining strategic planning with practical design and implementation.

Products & Services
We offer water-focused services across all stages of the project cycle, including technical assistance, strategic master planning, feasibility studies, detailed design, and implementation project management. Our work is grounded in key disciplines such as integrated planning for climate adaptation, flood risk management, the design of coastal protection and river training works, nature-based solutions, and inland waterway transport.

Showcase
Project 1: Innovative solutions for coastal erosion in Bangladesh for World Bank, 2022
Involved parties: CDR International, Delta Context, Deltares and national firms
What it does: Accelerates the current morpho-dynamic development of the river to reduce the erosion pressure by dredging a channel, combined with sediment disposal at the erosion hotspot.
Themes: Smart dredging, building with nature.
USP: Sustainable erosion management.
Flood management, Spatial quality, Urban (typology) and Local Communities

Project 2: Coastal Embankment Improvement Project in Bangladesh Phase-1 for World Bank, 2023
Involved parties: Haskoning (lead), Delta Context and other local partners
What it does: River stabilization and coastal resilience.





Themes: Dike construction and nature-based solutions.
USP: Integrated polder development, integration of mangroves to dike design.

Contact details
Jean Henry (Harrie) Laboyrie
Managing Director
Coastal, River and Port Expert
harrie.laboyrie@DeltaContext.com
+31 24 388 10 07

Netherlands

Defacto urbanism



Core theme

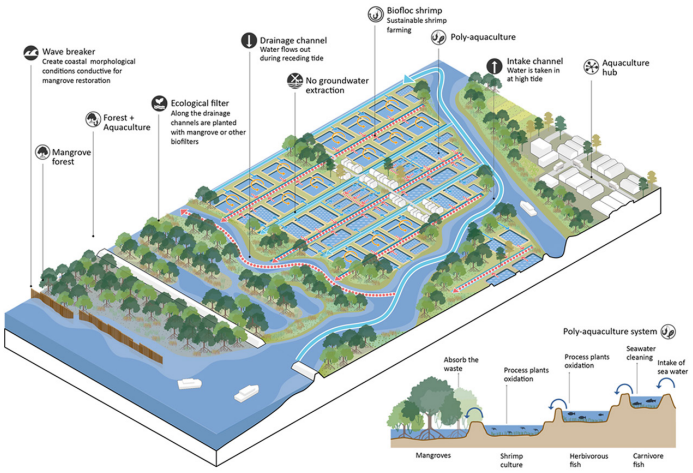
Defacto Urbanism focuses on a wide range of projects related to urban development and landscape design, such as integrated regional development strategies and research by design projects. They develop integral approaches to address societal and environmental challenges such as climate change, flood and disaster risk management, mobility and transport, circular economy, ecology, and rapid urbanisation. Using nature-based solutions, scenario planning, and strong visual storytelling, they develop adaptive strategies that balance short-term action with long-term resilience. Defacto's core philosophy is to design cities that are livable, climate-resilient, and environmentally sustainable.

Company description

Founded in 2006, Defacto is a woman-owned consultancy specializing in climate-adaptive urban and landscape design. They lead integration and stakeholder processes within international consortia for governments and NGOs. Operating globally, they deliver spatial strategies that are technically sound, participatory, and future-proof.

Products & Services

Defacto offers consultancy, design, and research services in climate adaptation, flood risk management and sustainable urban planning. Their projects span from regional strategies to neighborhood designs, with tailored visualizations that connect data, design, and decision-making. The involvement of multidisciplinary teams and stakeholders is essential in their design process which is based on context analyses and understanding of systems.



Showcase

Bangkok: Reconnecting the river & the city
Cooperation with: SHMA. A study on how to reconnect the Bangkok canals to the city via public places integrated with flood protection measures. Flood management, Spatial quality, Urban (typology) and Local Communities

Contact details

Prof. Dr. Anne Loes Nillesen
Senior Urban Designer
+31 10 8411114
office@d.efac.to

Netherlands

GOPA



Core theme
Under the umbrella of Water and Land Management for Climate Resilience, our core themes include: irrigation management and irrigation system performance, floods and droughts, coastal water and salinity, green infrastructure and nature-based solutions, vital water services, agriculture and agroecology, green and blue economy.

Company description
GOPA Netherlands, part of the GOPA Group, provides expertise in water management, agriculture, and climate resilience through project support, applied research, capacity strengthening, and policy development. With a strong presence in South and Southeast Asia, we work with government, research, and private sector partners to bridge policy and practice and turn ambition into reality.

Products & Services
GOPA Netherlands delivers practical, research-driven solutions for integrated water management and climate resilience. Our system-based approach to irrigation combines infrastructure, governance, financing, regulation, and strengthened water user organizations to improve agricultural productivity, resilience, sustainability, and long-term operation. We co-design solutions with clients, promote climate-smart water management, and support salinity control and multifunctional water infrastructure. Our capacity development includes institutional support, training programs, and tailored technical guidance.

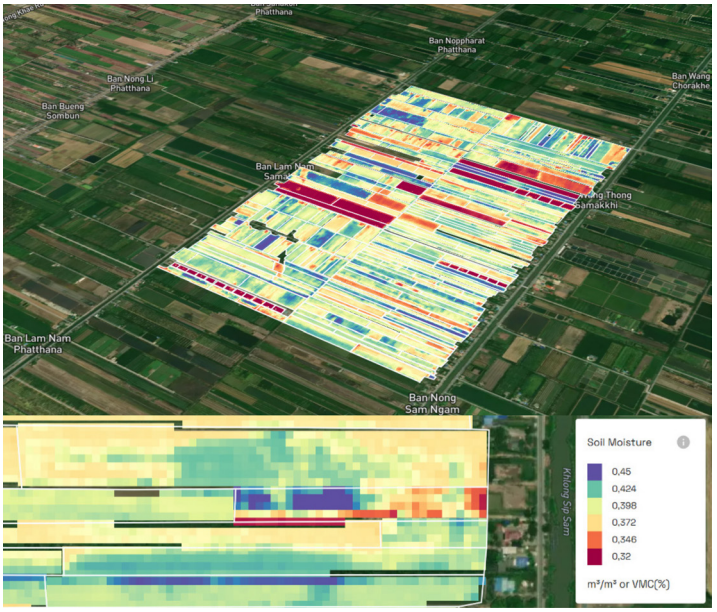
Showcase
Project 1: Conceptualisation of Smart Innovative Water Management (SIWM) for Indonesia's lowlands
Involved parties: GOPA Pro
What it does: The project aims to develop a Smart Innovative Water Management (SIWM) concept for Indonesia's lowlands, integrating drainage, irrigation, flood and salinity control, water-table management, monitoring, agroecology, governance, capacity building, and climate-resilient infrastructure. The concept will apply a "smart polder" approach, adapting Dutch technologies and expertise to Indonesian conditions and capacities.
Themes: Water management, climate resilience, agriculture, infrastructure, water governance
USP: Extensive experience in irrigation and water management and related technological innovations

Project 2: Climate and Disaster Resilient Small-Scale Water Resources Management Project in Bangladesh
Involved parties: GOPA Pro, Northwest Hydraulic Consultants Ltd. Canada., and Resource Planning & Management Consultants (Pvt) Ltd. Bangladesh
What it does: The project invests in water management infrastructure across 42 districts in Bangladesh to develop sustainable, stakeholder-driven small-scale water resource management systems, with a focus on poorer communities. It addresses low productivity, climate variability, natural resource degradation, agricultural land conversion, and value chain inefficiencies through: (i) inclusive local water management cooperatives, (ii) fit-for-purpose infrastructure, and (iii) targeted support to address production, value chain, and income-generation constraints in a gender-inclusive manner.
Themes: Water management, climate resilience, agriculture, infrastructure, gender and social inclusion, water governance
USP: Extensive experience in irrigation and water management and its governance at department as well as field level

Contact details
David Mornout
Program Manager
david.mornout@gopa.eu
+31 317 744 229

Netherlands

Hydrosat



Core theme

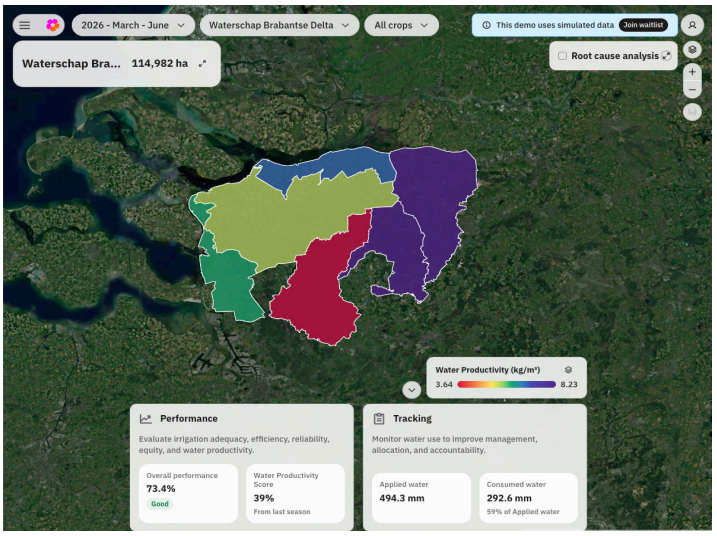
Hydrosat transforms thermal satellite data into actionable information on evapotranspiration, soil moisture, crop water demand, and irrigation performance, helping water managers monitor conditions at scale, identify where action is needed, and improve water allocation from daily operations to seasonal planning.

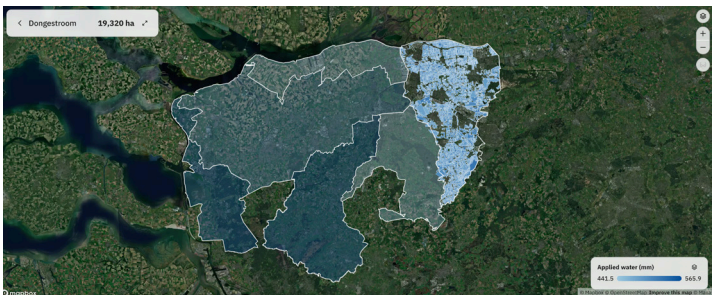
Company description

Hydrosat is a leading space-based thermal intelligence company helping governments and enterprises monitor the world through infrared satellite data and analytics. By combining proprietary thermal imagery, AI-driven models, and cloud-based delivery platforms, Hydrosat turns surface temperature into operational intelligence for some of the world's most pressing resource, climate challenges, and national security.

Products & Services

For water and crop management, IrriWatch combines high-resolution thermal satellite imagery, proven evapotranspiration science, and analytics to provide growers, irrigation managers, water authorities, and governments with insights spanning daily operations through seasonal planning. IrriWatch enables users to monitor crops and water resources remotely, improve water-use efficiency, optimize agricultural production, and support sustainable water resource management. Hydrosat's thermal satellite data is also available through the Discovery Platform, providing commercial, government, and defense customers with access to high-resolution, analysis-ready imagery. The platform enables wide-area monitoring of natural resources, critical infrastructure, environmental conditions, and security-related activity. For customers requiring dedicated capabilities, Hydrosat develops thermal payloads and satellite missions tailored to sovereign and mission-specific Earth observation requirements.





Showcase

Detection of Soil moisture

Kasetsart Univeristy, Royal Irrigation Department, and Hydrosat measure soil moisture from satellites and check it in the field. This provides improved irrigation water management, water savings, and increases waternproductivity.

Contact details

Luc Majdalani
Vice President Global - Govt. Programs
+971 50 949 1063
lmajdalani@hydrosat.com

Netherlands

Core theme

Hylic by Bosman combines nearly 100 years of Dutch water management expertise with innovative and reliable pumping technology to deliver smart and sustainable solutions for irrigation, drainage and flood control applications.

In Thailand, Bosman works closely with Frontline Engineering PCL, combining Dutch expertise with local knowledge and project execution capabilities. Together, we deliver future-ready pump solutions that balance operational performance, energy efficiency, and environmental responsibility, tailored to the specific challenges of Thailand.

Company description

Bosman Watermanagement B.V. is a Dutch family-owned company. Built on craftsmanship, engineering excellence, and long-term customer relationships, Bosman has become a trusted partner in water infrastructure projects worldwide.

Products & Services

Hylic by Bosman solutions include:

- Engineering (hydraulic and mechanical)
- Focus on efficiency and reliabilty
- Installation and maintenance
- Axial flow concrete volute pumps type BVOP
- Mixed flow clog-free pumps
  - Available in concrete volute type Vision CV
  - Available in a metal casing type Vision MC
  - Available in metal volute type Vision MV

Contact details

Hugo van der Sluis
Project Manager
+31 653455157
hvandersluis@bosmanwater.nl

Chatchanan Kittaresh
Marketing Manager
+66 81 982 0807
Chatchanan.k@front-line.co.th





Netherlands

DUTCH WATER MANAGEMENT

control • store • protect

Core theme

Together, our solutions address both sides of the water challenge: managing excess water and preserving water when it is scarce.

Company description

Dutch Water Management is a Dutch family-owned company with its roots dating back to 1919. With over a century of experience and three production locations in Europe, we design, manufacture and supply reliable solutions for water control, flood management and water storage.

Products & Services

Water Control Solutions: Our water management solutions include weirs, penstocks, sluice gates and non-return valves for regulating surface water, controlling water levels and managing flood risks. We use corrosion-resistant materials to ensure reliable, low-maintenance and long-term operation, even under demanding conditions.
Water Storage Solutions: Our Buwatank Water Storage Tanks provide modular and scalable large-scale water storage. Designed for efficient on-site installation using basic tools, they are suitable for flood retention during heavy rainfall and securing water availability during periods of drought.

Showcase

Complete Water Solutions: Water control, flood management and water storage from one experienced partner. In-House Engineering & Manufacturing: We design, manufacture and supply, from three production locations in Europe. Built to Last & Ready to Deliver: Corrosion-resistant water control solutions, with large stocks for fast availability. Modular & Scalable Water Storage: A wide range of Buwatank systems, offering fast lead times and easy local installation. Strong Local Partnerships: Actively seeking dealers, government authorities and engineering & consultancy firms for long-term cooperation.

Contact details

Robin Rook
Business Development Manager
r.rook@dutch-wm.com
+ 31 6 15180512

Netherlands





WAVESAVE™



Core theme
Designer, producer & supplier of water control equipment.

Company description
WaveSave is a Dutch company offering climate-resilient infrastructure to manage floods and droughts. Signature solution SLAMDAM — a rapidly deployable mobile flood barrier. Our multi-hazard early warning system watches rivers, reservoirs and farmland with AI, cameras, drones and sensors.

Products & Services
- SLAMDAM mobile flood barriers
- Multi-hazard early warning - AI, cameras, drones, sensors
- Floodwater capture & reuse
- Solar-powered post-harvest systems
- Data services & GIS mapping
- Consultancy, training & delivery support

Showcase
Project 1: As sea levels rise and flood risks worsen due to global warming, WaveSave's easy-to-erect portable dam offers a quick-response tool. People can use the dam to protect themselves and their property, and it can also store fresh water for later use. Communities in Europe, Africa, and Southeast Asia have deployed it successfully.

Project 2: WaveSave's multi-hazard early warning system combines AI-powered cameras, drones and sensors to monitor rivers, reservoirs and farmland in real time. AI-supported change detection turns imagery and sensor data into actionable insights, helping identify potential flood risks and other changes at an early stage. The system provides 24/7 monitoring, real-time alerts and decision support, enabling authorities and water managers to respond faster and take informed action.



Contact details
Omar Saleh
Managing Director
+31 6 39 82 31 87
omar.saleh@wavesave.com

Netherlands



Netherlands