



Collaboration for a healthy water cycle



Vision & Belief

We believe that
a **healthy water cycle** should be
treated as a global common good,
for future generations,
in the interest of all



Burkina Faso

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We are **WORLD WATERNET**

We are World Waternet, founded in 2007 by Waternetters, the municipality of the city of Amsterdam and the water authority Amstel, Gooi and Vecht. We are a Dutch foundation **committed to improving sustainable access to**

clean, sufficient, and safe water for everyone. World Waternet supports public water organisations through knowledge exchange on water systems to promote a healthy water cycle worldwide.



Ethiopia



Burkina Faso

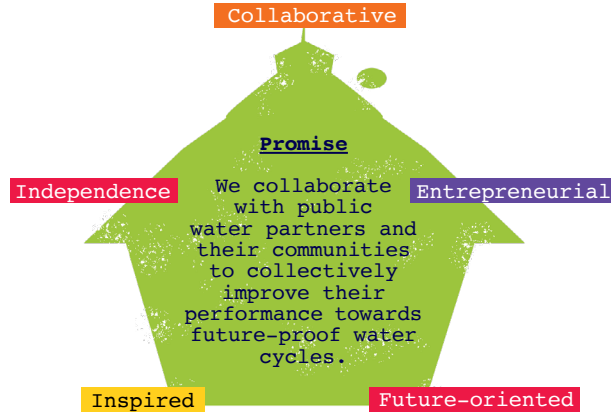
We collaborate with water organisations **world wide**

We currently work in the regions: the Middle East, West and East Africa, Southeast Asia and South America.

Together with our partners, we strengthen the impact of these water organisations. We increase capacity, improve performance on the water systems together and work globally towards a future-proof water cycle.

Our values

The values guide our vision and promises. It indicates how we do things at World Waternet.



Collaborative

We believe in the power of partnerships and diverse perspectives to innovate and achieve effective solutions in water management.



Independence

We value freedom of thought and action, enabling us to make

autonomous decisions and offer authentic solutions in public sector initiatives.



Entrepreneurial

We seize opportunities with creativity and initiative, developing innovative solutions and inviting participation in our impactful work.



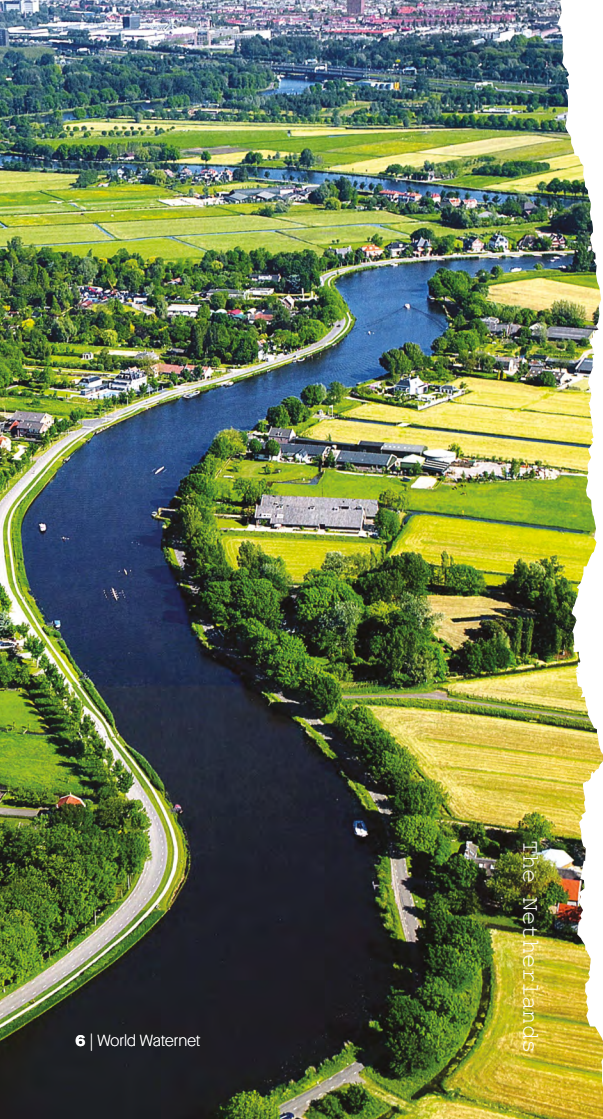
Inspired

We are passionate about water, tirelessly driving positive change and impact.



Future-oriented

We are optimistic about the future, focusing on sustainability and innovation to preserve the water cycle for future generations.



Our story

We have the curiosity to explore, challenge the status quo and are not afraid of the unknown. At World Waternet, we act on these principles in our quest for a sustainable future. **We see the water cycle as a global, common good for future generations.**

We believe in the power of collaboration and what this sense of togetherness can bring. Our journey is one of discovery, not only of new solutions for a healthy water cycle, but also of sustainable connections between communities, ecosystems and economies. In the end, we only have one earth with finite resources, affected by: geology, climate and human (geopolitical) activities.

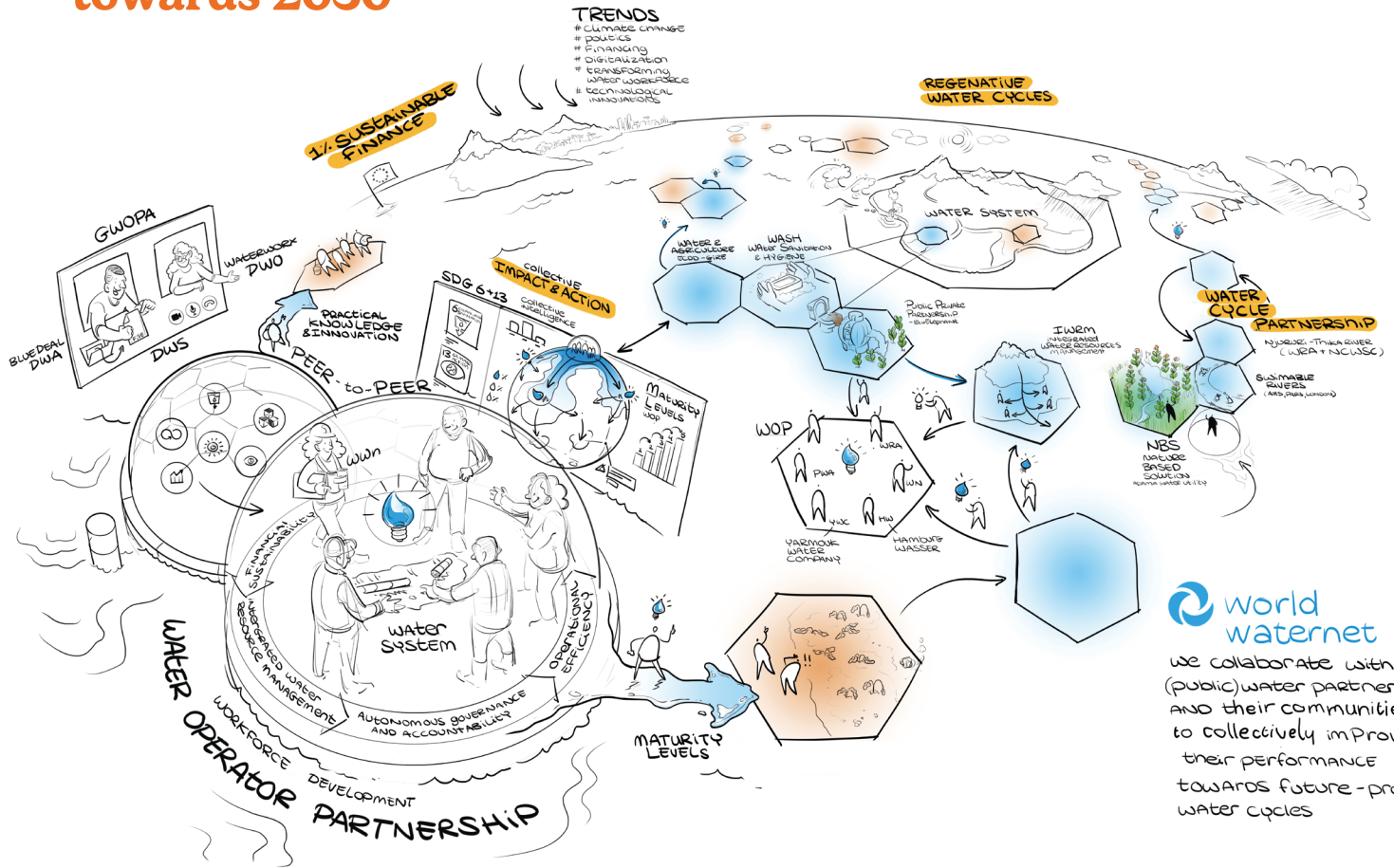
We are committed to navigating the complexities of the water cycle, discovering innovative practices and implementing strategies that will sustain future generations.

We will walk that path together, side by side, with our partners and their communities, to protect our most precious resource. We strive for a future where every drop counts and every action contributes to a healthier global water cycle. Driven by innovation, strengthened by collaboration and guided by our shared vision of a sustainable world.

**Shall we join hands
and work together?**

Regenerate our impact towards 2030

"WE BELIEVE THAT A HEALTHY WATER CYCLE SHOULD BE TREATED AS A GLOBAL COMMON GOOD, FOR FUTURE GENERATIONS, IN THE INTEREST OF ALL."



we collaborate with (public) water partners and their communities to collectively improve their performance towards future-proof water cycles

Our promise

We collaborate with public water partners and their communities to collectively improve their performance towards future-proof water cycles

Partnering through Water Operators Partnerships (WOPs), we connect water and sanitation providers to share expertise and improve each other's capabilities and performance through knowledge exchange. By leveraging these collaborations, we help build stronger, more efficient water organisations globally. What we bring to the table:

- 💧 Water cycle management
- 💧 Performance improvement to maturity level
- 💧 Peer-to-peer knowledge exchange
- 💧 Collective of 800+ water cycle experts



Tanzania

Our operational excellence approach



Autonomous governance & accountability

Water organisations have the leadership and staff to run their operations and finances autonomously and hold themselves accountable.



Integrated Water Resources Management

Water organisations are capacitated to manage the whole water cycle and address climate change, food security, gender equality and partner with all stakeholders.



Operational efficiency

Water organisations achieve efficiency by targeting customer satisfaction, 100% collection rate, reduction of non labour costs, reduction of NRW and energy efficiency.



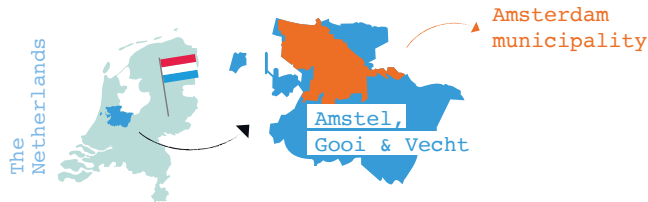
Financial Sustainability

Water organisations cover their operational costs at 120% through revenues.

Overview of the 4 Critical Success Factors (CSF) for an Operational Excellence (OE) strategy of our WOPs. Together, the 4 CSF are the basis of the Maturity Level (ML) of each WOP.

Waternet is the **Amsterdam public water cycle organisation**

World Waternet was founded by Waternet in 2007. On behalf of the City of Amsterdam and the Regional Public Water Authority Amstel, Gooi & Vecht, Waternet provides water services to 1.3 million people in an urban delta area managing the complete water cycle.



Natural tapwater

Two-third of Amsterdam's drinking water is pre-treated in the Amsterdam Water Supply Dunes. This natural filter produces 60 to 70 million m³ drinking water annually. Water from the river Rhine recharges the groundwater and continues its journey to become tap water. This process takes about 3 months.



Did you know that the City of Amsterdam, in cooperation with Waternet, organises an annual City Swim through the canals of Amsterdam? The water is so clean that you can swim in it. All thanks to Waternet's efforts to improve surface water quality.

Governance



World Waternet Board
incl. Audit & Risk Committee



 800+ experts



Dutch water companies

Drinking water and pipe maintenance | Sewage |
Groundwater levels | Nautical and waterway
management | Bridges and locks



Alderman,
Water Municipality of Amsterdam

✘ City of
✘ Amsterdam



Other
Dutch water
companies

Strategic collaboration



Dutch water authorities

Protection against water (dikes) | Clean Water |
Sufficient water | Water levels | Surface water |
Treatment of waste water



Executive board, chair and secretary
Water Authority Amstel, Gooi and Vecht

 waterschap
amstel gooi en vecht

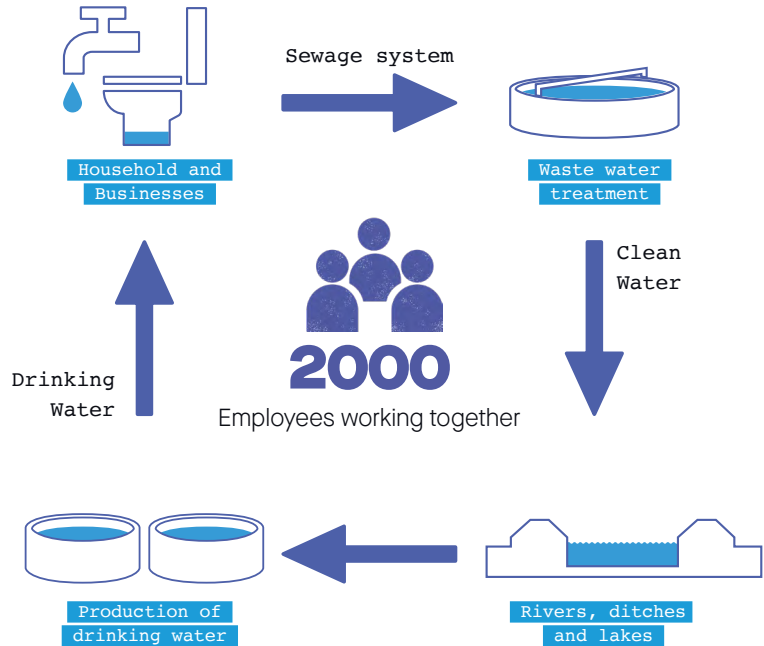


Other
Dutch water
authorities

 **waternet**
waterschap amstel gooi en vecht
gemeente amsterdam

Stakeholder management and participation are very important for a good working system. We need the help from the local people to get the job done!

The circular water system in Amsterdam, The Netherlands



The Netherlands

Facts & Figures of the Amsterdam catchment area

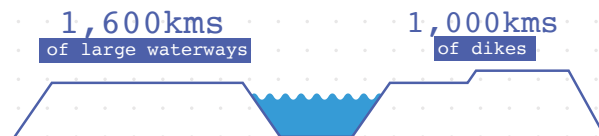
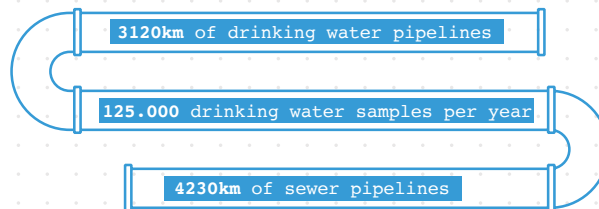
Annual water bill

for a 4 person household
(2024)

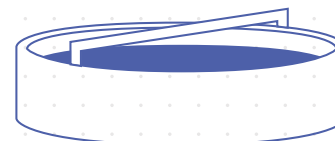
Water management levy:	€136
Waste water treatment levy:	€187
Drinking water charge:	€419
Sewage levy:	€52

€749

= total cost recovery
= 2% of average annual income



11 Waste water treatment plants



93M

Average of cubic meters
per annum drinking
water production



€1.03

per m'
drinking water
tariff



3-5%

non
revenue
water



190.841

drinking water
connections

Knowledge & Innovation programmes

Aligning with the UN Sustainable Development Goals



Water quality
and technology



Energy
transition



Climate
adaptation



Data &
sensing



Soil
subsidence



Circular
economy

Social innovation

Governance

Implementation



Healthy water cycles for all



World Waternet focusses on goal 6 and 13

Through collaboration with public water organisations worldwide, we reach and positively impact the lives of approximately **60 million people** by enhancing water services

6 CLEAN WATER AND SANITATION



ENSURE AVAILABILITY AND SUSTAINABLE MANAGEMENT OF WATER AND SANITATION FOR ALL

6.1 By 2030, achieve universal and equitable access to safe and affordable drinking water for all

6.2 By 2030, achieve access to adequate and equitable sanitation and hygiene for all and end open defecation, paying special attention to the needs of women and girls and those in vulnerable situations

6.3 By 2030, improve water quality by reducing pollution, eliminating dumping and minimizing release of hazardous chemicals and materials, halving the proportion of untreated wastewater and substantially increasing recycling and safe reuse globally

6.4 By 2030, substantially increase water-use efficiency across all sectors and ensure sustainable withdrawals and supply of freshwater to address water scarcity and substantially reduce the number of people suffering from water scarcity

6.5 By 2030, implement integrated water resources management at all levels, including through transboundary cooperation as appropriate

6.6 By 2020, protect and restore water-related ecosystems, including mountains, forests, wetlands, rivers, aquifers and lakes

6.a By 2030, expand international cooperation and capacity-building support to developing countries in water- and sanitation-related activities and programmes, including water harvesting, desalination, water efficiency, wastewater treatment, recycling and reuse technologies

6.b Support and strengthen the participation of local communities in improving water and sanitation management

13 CLIMATE ACTION



TAKE URGENT ACTION TO COMBAT CLIMATE CHANGE AND ITS IMPACTS

Knowledge & Innovation

The world is changing, and we are preparing for the future. To find new solutions we introduce new technologies, improve operations, and respond to societal challenges through our powerful and practical Knowledge and Innovation programme.

Knowledge partnerships

World Waternet prepares for the future with knowledge partnerships, trusted water experts. We introduce new technologies, improve operations, and respond to societal challenges. At the same time, the programme offers excellent opportunities to exchange knowledge and best practices with water cycle companies abroad: our 'knowledge partners'. This allows us to tackle the same challenges together.

stowa

HOFOR

SIAAP
Service public de l'assainissement francilien

OPUS SINGAPORE'S
NATIONAL
WATER AGENCY

**Berliner
Wasserbetriebe**

NYC
Environmental Protection



Palestinian Territories

Climate adaptation

World Waternet anticipates the adverse effects of climate change and takes appropriate action to prevent/limit the consequences of flooding and droughts. Nature-based solutions (NbS) are a key component of our sustainable practices. These are natural processes that address societal challenges such as **climate**

change, water management, and biodiversity loss.

NbS use ecosystems and natural functions to control floods, improve air quality, or cool urban areas. Examples include restoring wetlands to control flooding, constructing green roofs to reduce heat in cities, and planting forests to sequester CO₂. NbS are sustainable, promote biodiversity, and

can often be more cost-effective than engineering solutions.

Climate change has become part of our lives and expresses itself differently around the world, allowing us to gain peer-to-peer knowledge from each other and work on customized solutions for the benefit of the residents and users of the areas where we work. World Waternet is the program lead of the Community of Practice within the Blue Deal partnership.





Prepaid water kiosks
WOP Morogoro Urban Water Supply and Sanitation Authority



BluElephant decentralized wastewater units
WOP Palestinian Water Authority

We are preparing for the future, with practical and innovative solutions



GIS Manual
WOP LAO PDR



Mobile Water Management App for the Tana River
WOP Water Resource Authority



Constructed wetlands as NbS for waste water treatment
WOP Water utilities of Adama, Hawassa and Shashemene



International
Water Association

Knowledge base & E-learnings

Our WWn e-cademy utilises a **digital platform** for seamless knowledge exchange among partners, intensifying **online cooperation**, sharing best practices, and **reducing carbon emissions**. It enables remote collaboration with water organisations, even in regions affected by political unrest. Together we shape the future of water management through **accessible education** and partnership.



Long term partnerships

We collaborate in strategic programmes, partner networks and leverage funding to increase our impact



WaterWorX programme

We are in a public-private collaboration until 2030, 10 Dutch water companies, together with the Dutch Ministry of Foreign Affairs, and local partner companies in Africa, Asia and Latin America contribute to increasing access to sustainable water services for 10 million people.



Blue Deal programme

In the international programme of the Dutch Ministries of Foreign Affairs, and Infrastructure & Water Management, the 21 Dutch Water Authorities are working in 40 catchment areas around the world to gain access to clean, sufficient and safe water by 2030 for 20 million people.



Government of the Netherlands



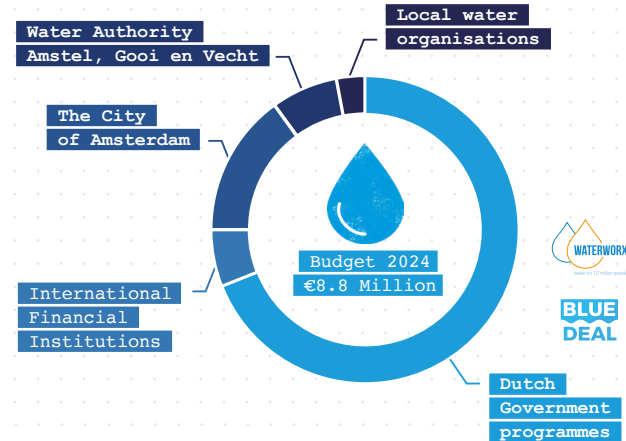
And many more partners

How do we finance our projects?

Enhanced financial overview and strategic vision

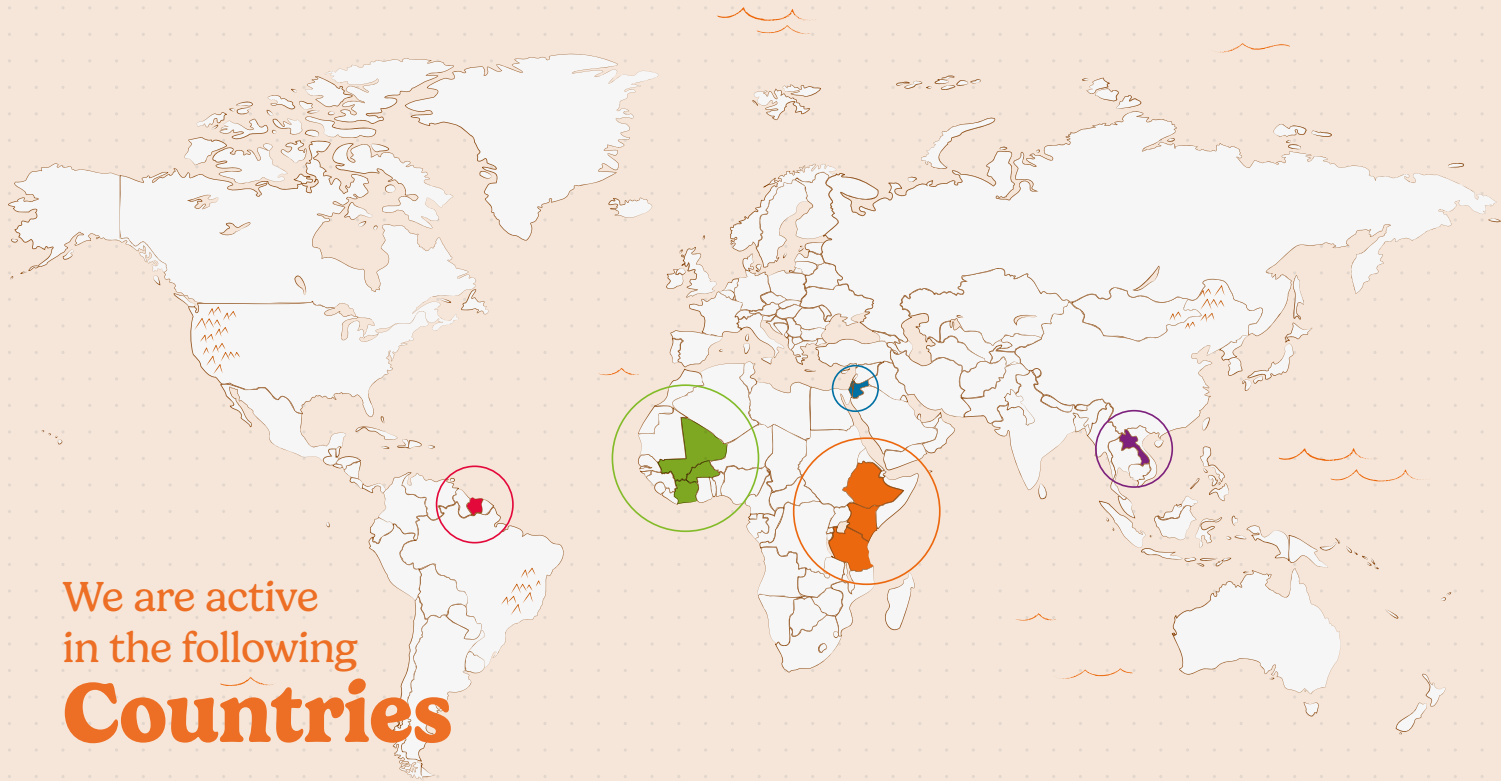
Our current financial position is robust and positive, reflected in our strong equity, ample liquidity, healthy work in progress, and a promising sales pipeline resulting in developing impact. This stability is a testament to our unwavering commitment to delivering impactful products and fostering sustainable relationships with our partners and alliances.

Our reputation as a trustworthy and reliable organisation is built on this solid financial foundation. With our dedicated and world-class team, we are well-prepared to navigate future challenges in an ever-evolving landscape. Our agile workforce remains our most valuable asset, driving our success and resilience in a young minded and dynamic environment.



1% impact aspiration

The initiative/motion by Wiegman and Koppejan (2009) mandates that all national drinking water companies and water authorities in the Netherlands may allocate a maximum of 1% of their annual turnover to international activities. This supports WOPs worldwide in enhancing their service delivery, thereby contributing to the SDG 6 (UN) agenda.



We are active
in the following
Countries

**SOUTH
AMERICA**

Suriname

**WEST
AFRICA**

Mali
Ghana
Burkina Faso

**EAST
AFRICA**

Kenya
Tanzania
Ethiopia

**MIDDLE
EAST**

Palestinian
Territories
Jordan

**SOUTH EAST
ASIA**

Lao PDR

Our Water Operators' Partnerships

Suriname

- Suriname Water Company
- Ministry of Natural Resources

Mali

- Société Malienne de la Gestion de l'Eau Potable (SOMAGEP/SOMAPEP)

Ghana

- Water Resources Commission

Burkina Faso

- Agences de l'Eau

Kenya

- Nairobi City Water and Sewerage Company
- Water Resources Authority

Tanzania

- Morogoro Urban Water Supply and Sanitation Authority Wam Ruvu Basin Waterboard

Ethiopia

- Abbay and Rift Valley Lakes Basin Development Offices
- Water utilities of Adama, Hawassa and Shashemene

Palestinian Territories

- Palestinian Water Authority

Jordan

- Yarmouk Water Company

Lao PDR

- Provincial Nam Papas
- Department of Water Supply





On national level



Suriname

Surinams Drinking Water Company (SWM)

Strengthen the capacity of SWM for sustainable access to drinking water

Topics

- Training staff
- Support of the SWM management
- Updating the SWM plan for drinking water supply
- A study on the implementation of asset management within SWM
- Evaluation of risk management as part of water management

Results

- Three proposals to improve drinking water supply, implementation of asset management and risk management are set up including timelines, activities and costs
- Implementation of proposals has started and first results are available



Period
2024



Region
On coastal area



Partners Surinaamsche Waterleiding Maatschappij (SWM)



Financier World WaterNet and Surinaamsche Waterleiding Maatschappij (SWM)



River: Suriname River/Brokopondo reservoir
Authority: Ministry of Natural Resources



Suriname

Ministry of Natural Resources “Makandra”

Strengthening Integrated Water Resources Management in Suriname

Topics

- Water governance
- Stakeholder engagement
- Organisation development
- Data
- Crisis management

Results

- Better understanding of roles and responsibilities of Directorate Water with respect to IWRM, leading to better action perspective in IWRM,
- Improved collaboration between stakeholders in IWRM



Ministry of Foreign Affairs of the Netherlands



Period

2024 - 2025



Region

National level with Brokopondo as case-study



Partners Department of Integrated Water Resources Management/Directorate Water from the Ministry of Natural Resources, Rijkswaterstaat (RWS), Rijkdienst voor Ondernemend Nederland (RVO), Dutch Ministry of Foreign Affairs



Financier This cooperation is funded by the Makandra programme, an initiative of the Ministry of Foreign Affairs that is carried out by the Netherlands Enterprise Agency (RVO)



River: Niger
Authority: SOMAGEP, SOMAPEP

Mali

Société Malienne de la Gestion de l'Eau Potable (SOMAGEP/SOMAPEP)

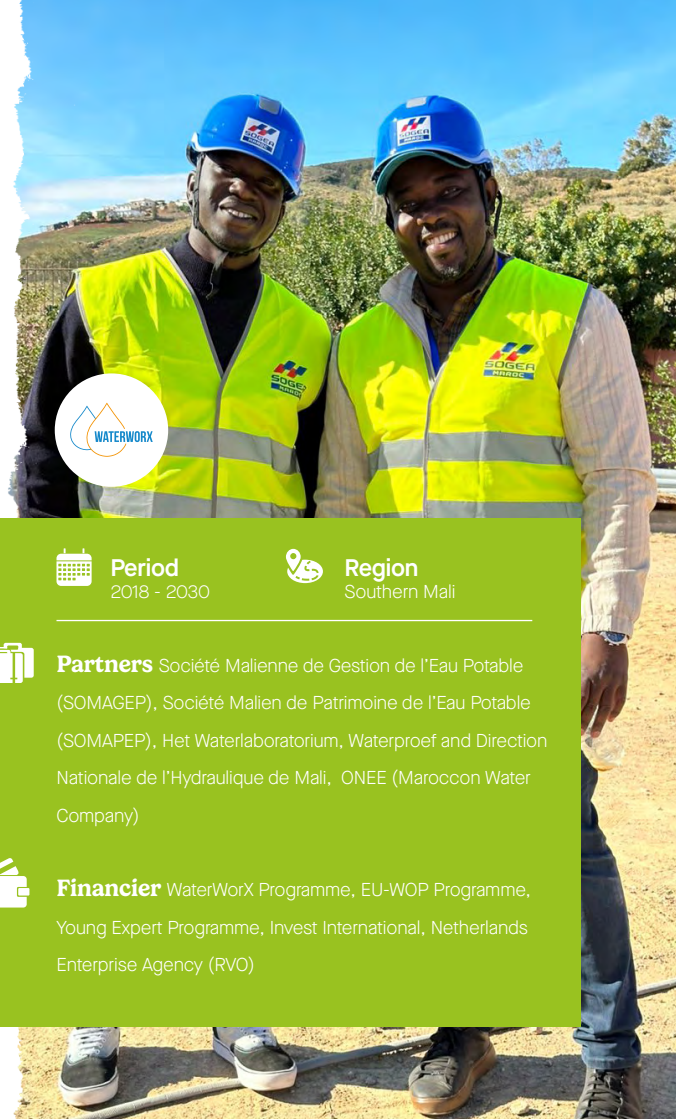
Water Operators' Partnership to improve water quality in 90 cities in Mali

Topics

- Expanding the network and realising new connections
- Improving financial sustainability
- Increasing pro-poor access to water
- Non-revenue water reduction
- Improving water quality testing

Results

- Create District Metered Area (DMA) network
- Improved financial and technical operation
- Promote efficient water use and water conservation



Period
2018 - 2030



Region
Southern Mali



Partners Société Malienne de Gestion de l'Eau Potable (SOMAGEP), Société Malien de Patrimoine de l'Eau Potable (SOMAPEP), Het Waterlaboratorium, Waterproof and Direction Nationale de l'Hydraulique de Mali, ONEE (Maroccon Water Company)



Financier WaterWorX Programme, EU-WOP Programme, Young Expert Programme, Invest International, Netherlands Enterprise Agency (RVO)



River: White Volta

Ghana

Water Resources Commission Supporting the Water Resources Commission and its partners in 2 areas with the set up and implementation of integrated water resources management.

Topics

- Institutional support for organisational development and financial sustainability
- Capacity building of WRC and related partners
- Implementing IWRM via area oriented approach: learning by doing
- IWRM plans in place for LVD and 2 subbasins in WVB
- Inauguration of 25 Environmental Chiefs in the WVB
- Capacity building for different stakeholders (1600 farmers, chiefs, media, communities)
- Protection against riverbank erosion: 300.000 trees planted in WVB
- Installation of a grey water sanitation unit at a Senior High School in the WVB
- Feasibility studies: Carbon credits WVB, Songor Lagoon LVD

Results

- formal installation of Lower Volta Delta Basin Board
- Formation of 2 Subbasin Committees in WVB



Period
2018 - 2030



Region
White Volta Basin (WVB)
& Lower Volta Delta (LVD)



Partners The Abbay Basin Authority, the Rift Valley Lakes Basin Authority, Dutch Water Authorities Hollands Noorderkwartier & Rijnland, Waterproof, Wetlands International



Financier Blue Deal Programme, NWB Fund (feasibility studies, kiwi, yep), various ngo's



Burkina Faso

Agences de l'Eau Supporting five Burkinabe water authorities with the implementation of integrated water resources management by five Dutch water authorities

Topics

- Technical assistance and support for climate proof integrated water resources management
- Institutional support for organisational development and financial sustainability
- Relational support on cooperation and communication

Results

- Improved maintenance and restoration of water basins, including nature-based solutions for water harvesting
- Developed water quantity and quality monitoring systems
- Promotion of IWRM in gold panning
- Support establishment of local water committees for IWRM



Period
2019 - 2030



Region
Burkina Faso



Partners Agences de l'Eau du Nakanbé, du Gourma, du Mouhoun, des Cascade and du Liptako, Secrétariat Permanent pour la Gestion Intégrée des Ressources en Eau (SP-GIRE), Dutch Water Authorities Drents Overijsselse Delta, Noorderzijlvest, Hunze & Aa's, Waterschap de Dommel, APAF-Burkina Faso, and Université d'Ouagadougou



Financier Blue Deal Programme, Nederlandse Waterschapsbank- fonds, Waterschap Hunze & Aa's, Young Expert Programme, and EKN-OUA



River: Nairobi River
Authority: Nairobi City
 Water and Sewerage Company

Kenya

Nairobi City Water and Sewerage Company

Improve drinking water supply and sanitation services

Topics

- Enable NCWSC to grow and provide more sustainable, safe and clean drinking water and sanitation for the inhabitants of Nairobi
- IWRM for future water volumes in Upper Tana catchment.
- Introduce and improve application of Asset Management throughout NCWSC
- Reduce NRW by modelling and selected interventions
- Develop investment proposal, e.g., for additional water production and energy reduction

Results

- Improve drinking water production at Ngethu Treatment Plant
- Support establishment of Wastewater Management Plan
- Improve the enabling environment and cooperation with other (water) institutions
- Developing a Climate Adaptation and Resilience Plan for Nairobi



Period
2017 - 2030



Region
Nairobi City



Partners Nairobi City Water and Sewerage Company Ltd
(Nairobi Water)



Co-Financier WaterWorkX Programme



River: Upper Tana Basin/Thika river
Authority: Kenya Water Resources Authority

Kenya

Water Resources Authority Sustainable water management in the Upper Tana Basin

Topics

- Ensuring sustainable water management
- Water availability/scarcity
- Water allocation in Upper Tana catchment
- Revised existing sub-catchment management plans
- Upscaling to other geographical areas
- Improved water quality
- Water allocation plan
- RTK training for dam safety officers
- Rehabilitation of 10 river gauging stations

Results

- Search conference on Searching, learning, planning and adapting our way to a climate resilient future of the Thika River Basin



Period
2019 - 2030



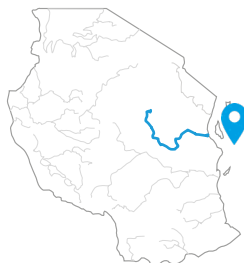
Region
Upper Tana basin



Partners Kenya Water Resources Authority (WRA), Dutch Regional Water Authorities Aa & Maas, de Stichtse Rijnlanden and Embassy of the Earth



Co-Financier Blue Deal Programme, NWB fund, YEP Programmes



River: Mindu Catchment Area

Authority: MORUWASA

Tanzania

Morogoro Urban Water Supply and Sanitation Authority Wam Ruvu Basin Waterboard

Improve drinking water supply and sanitation services

Topics

- Non-revenue water reduction
- Pro-poor and social inclusion to WASH
- Climate proof watershed management to ensure sustainable access to drinking water
- Improve technical operations of the network
- Improved cost recovery measures
- Improved water services in low-income areas by rehabilitating water kiosks
- Preserved water resources and catchment areas by planting trees and awareness training
- Organisational development in the field of human resources (including gender equality and social inclusion)

Results

- GIS registration of the network
- Create District Metered Area (DMA) network and water balance to



Period
2019 - 2030



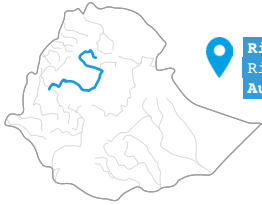
Region
Upper Tana basin



Partners Morogoro Urban Water Supply and Sanitation Authority, Dutch Water Authority Hollands Noorderkwartier, Waterschap Rivierenland, Brabantse Delta, Nederlandse Waterschapsbank- fonds and Kinara for Youth Evolution



Co-Financier WaterWorkX Programme



River: Abbay river, ABAO + Rift Valley Lakes basin
Authority: RVLBAO

Ethiopia

Abbay and Rift Valley Lakes Basin Development Offices

Improved water allocation, water quality and sustainable irrigation

Topics

- Implementing sustainable river basin management and water allocation
- Data collection and management with new monitoring equipment
- Preparations for introduction of water tariffing
- sub basin, including extensive training on WEAP establishment of a desk study on groundwater mapping
- Identified gaps in hydrological and basin information and specified needs for hydrological data management
- Trained experts in laboratory skills
- Installed monitoring equipment for water quantity and quality
- Basin Information Management brought to a higher level

Results

- Knowledge exchange between the partners (ABAO and RVLBAO)
- Water Allocation Plan for Tana/Beles



Period
2019 - 2030



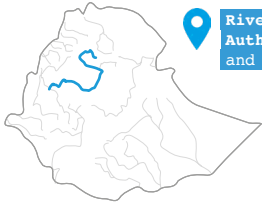
Region
Abbay Basin & Rift Valley Lakes



Partners The Abbay Basin Authority, the Rift Valley Lakes Basin Authority, Dutch Water Authorities Hollands Noorderkwartier & Rijnland, Waterproof, Wetlands International



Co-Financier Blue Deal programma, YEP programmes, NWB-fund



River: Awash basin + Rift Valley Lakes basin
Authority: Water utilities of Adama, Shashemene and Hawassa + Oromia Regional Water Bureau

Ethiopia

Water utilities of Adama, Hawassa and Shashemene Efficient & effective faecal sludge management and improved water supply

Topics

- Improvement and expansion of water quality and sewage collection/treatment
- Improvements in operational efficiency
- Capacity building to ensure city-wide inclusive sanitation and fecal sludge treatment in Adama, Shashemene and Hawassa
- Increase and improve water supply to customers
- Wetlands as nature-based solution for combatting overflows of septic tanks
- On the-job-trainings for the utility staff on contract management, project management, truck management and financial management
- Dedicated team for sanitation and wastewater management at the three utilities (Adama, Shashemene and Hawassa), with increased mandates for the three utilities
- Non-revenue water improvement plan
- Asset management plan
- Study on fecal sludge transport.
- Constructing and monitoring wetlands as NbS for wastewater treatment

Results

- Exposure visit to Kenyan wastewater



Period
2019 - 2030



Region
Oromia



Partners Water utilities of Adama, Shashemene & Hawassa, Heban Nagelle Siraro Water Supply & Sewerage Services Enterprise, Dutch Water Authorities Aa & Maas, Vallei & Veluwe and Rivierenland, Ethiopian Ministry of Water and Energy (MoWe), Woord & Daad, Siraro Water Enterprise, WASTE and BBBC



Co-Financier Blue Deal Program, NWB Fund, Woord & Daad, YEP programmes



River: Jordan River
Authority: Palestinian Water Authority

Palestinian Territories

Palestinian Water Authority Support in national water sector reform: from 300 to 4 water service providers

Topics

- Institutional capacity building, organisational development and human resource management
- GIS, NRW, Asset management capacity building by on-the-job training
- New cost-recovery mechanisms & 3-step approach towards sustainable sanitation
- Improving financial sustainability through cost-recovery and bankable proposals
- Climate Adaptation

Results

- Water sector reform by law implementation
- Construction of an improved regional laboratory with adjoined trainings
- PPP innovation; BluElephant, decentralized mobile WWTP
- GIS and Water Cycle Management training
- Shit Flow Diagram development and integration
- Rainwater harvesting; reuse waste water



Period
2019 - 2030



Region
Salfit, North Hebron, Ramallah



Partners Palestinian Water Authority, Joint Service Council North Hebron, Salfit Municipality, Hoogheemraadschap Hollands Noorderkwartier, Jotem Water Solutions, Waterschap Rivierenland, Waterproef



Financier Blue Deal Programme, WaterWorX Programme, Netherlands Representative Office, Young Expert Programme, Nederlandse Waterschapsbank (KIWI/YEP), NUFFIC, Jotem B.V.



River: Jordan River
Authority: Yarmouk Water Company

Jordan

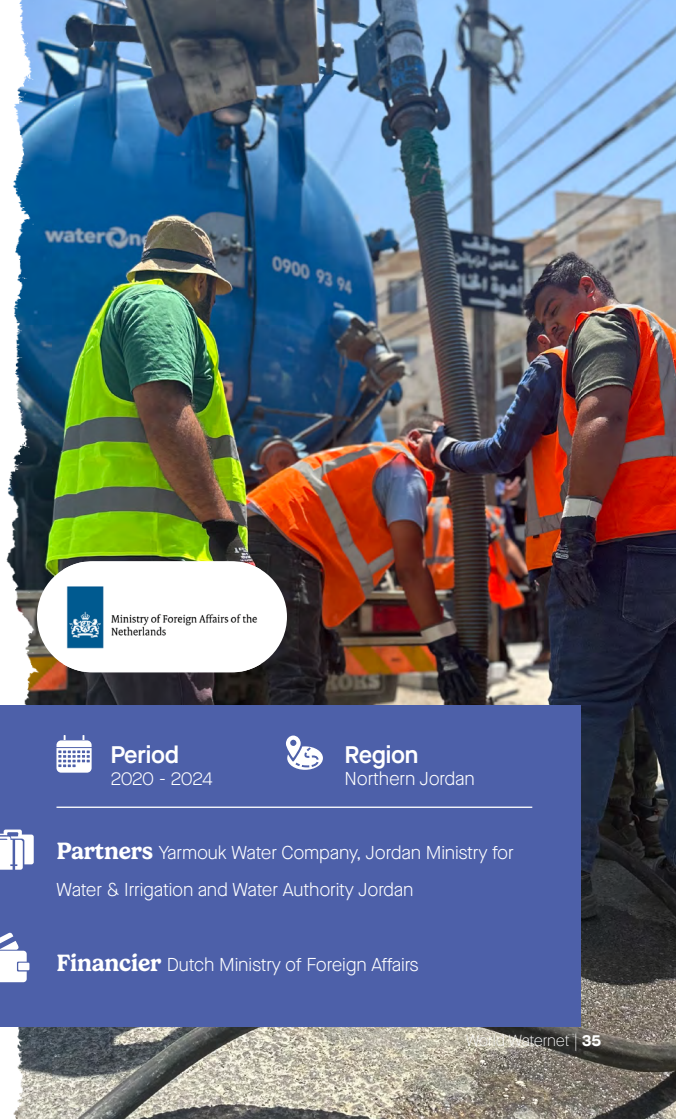
Yarmouk Water Company Water Operators' Partnership to improve service delivery and increase access to improved sanitation and clean, sufficient and safe water.

Topics

- Sewer operations & maintenance planning
- Asset management training for WWTPs
- Climate adaptation
- Donation of three vacuum -and three high-pressure trucks for improved sewer maintenance
- Trained staff on operations & maintenance and asset management
- Rehabilitation sewer lines in 6 streets of Irbid
- Safety trainings operation & maintenance
- Explore solutions climate adaptation

Results

- Piped water supply distribution and sewerage system for every household in the refugee camp



Ministry of Foreign Affairs of the Netherlands



Period
2020 - 2024



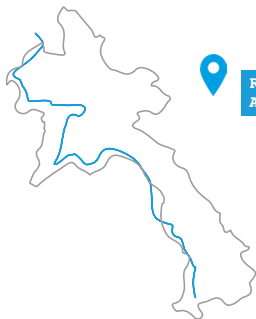
Region
Northern Jordan



Partners Yarmouk Water Company, Jordan Ministry for Water & Irrigation and Water Authority Jordan



Financier Dutch Ministry of Foreign Affairs



River: Mekong River
Authority: Nam Papas

Lao PDR

Provincial Nam Papas & Department of Water Supply

Supporting water utilities to improve water services & Department of Water Supply

Topics

Capacity building

- Asset management (GIS)
- Non-Revenue Water reduction (NRW)
- Water Quality (WQ)

Investment leverage

- Assessment potential investments
- Climate risk and adaptation proposals
- Nature Based Solutions
- Small scale, strategic equipment

Results

- Nationwide Community of Practice on GIS
- Lao GIS manual
- GIS technology applied to NRW, WQ
- NRW reduction LNT
- Improved water quality monitoring LNT
- Credibility of local water suppliers
- Collaboration with development partners
- Climate risk analysis



 **Period**
2017 - 2030

 **Region**
Nationwide

 **Partners** Lao Department of Water Supply (DWS) & Water Utility Luang Namtha, Laotian Ministry of Public Works and Transport (Department of Water Supply)

 **Financier** Asian Development Bank & WaterWorX Programme, Young Expert Programmes attendee

Why World Waternet?



Ghana



1. Active **since 2007**
2. Positive and durable change by **empowering** and educating public water organisations and communities with a **peer-to-peer knowledge approach**
3. Access to a world wide **water knowledge base & professional experts**
4. World Waternet's leading **water cycle management expertise**
5. Long-term, public-to-public **relationships**
6. Proven to **catalyse investments**
7. On-site, On-the-job **hands-on training**
8. Acting on **sustainable development goals**
9. **Non-profit exchange**
10. **Demand-driven performance improvement** with a **dedicated team**
11. **Nature based solutions**

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