

NORDIC INTERNATIONAL WATER

Innovative Engineering Solutions





Through our vast network of experts and strong partnerships with local teams, we connect with the finest talent to deliver tailored and sustainable solutions. Our leadership and commitment to value-driven partnerships are guided by recognized, evidence-based models.

INTRODUCTION

Nordic International Water ApS (NIW) is a leading engineering consultancy firm dedicated to enhancing urban infrastructure related to water and wastewater in low-to-middle income countries. Leveraging over 30 years of experience and the best of Nordic technology and practices, we deliver sustainable solutions even in the most challenging settings. Committed to excellence, NIW ensures cost-effective, state-of-the-art project management and engineering services, consistently meeting client expectations, timelines, and budgets.

We aim to create the best framework for urban life.

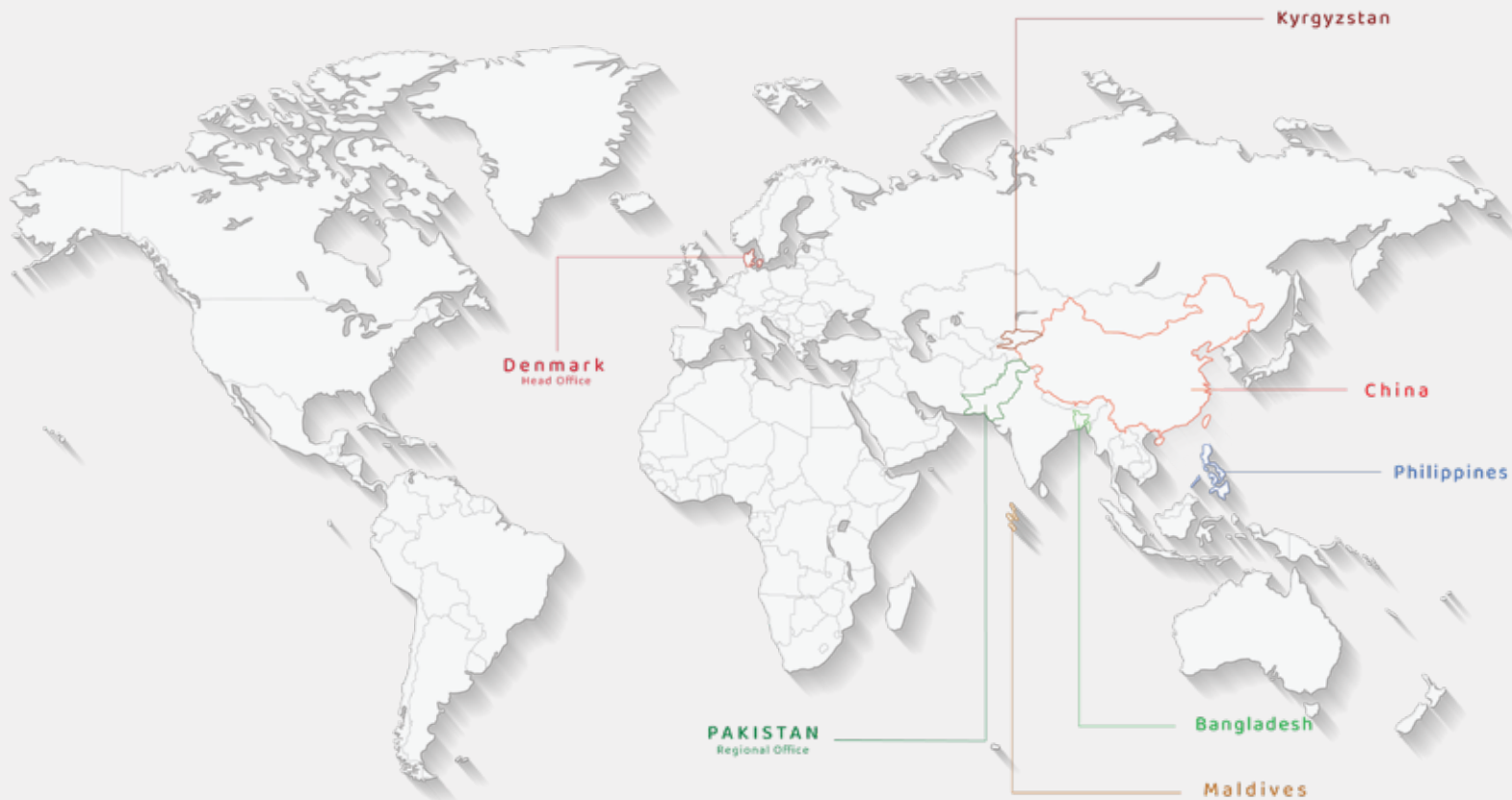
We combine knowledge from the rapid urbanization in Asia and Africa with Scandinavian quality of life.

COMPLIANCE AND ETHICS

At NIW, we strictly adhere to international standards and regulations to ensure our operations are conducted with integrity, transparency, and accountability. Our team is dedicated to maintaining the highest ethical standards in every aspect of our work, from project management to client relations. We are committed to honesty, fairness, and respect in all our interactions with clients, partners, and stakeholders.

QUALITY MANAGEMENT

Nordic International Water is ISO 9001:2015 certified, a testament to our ability to provide professional and reliable services throughout the entire project cycle. We consistently strive to maintain the highest standards of quality in every project.



SECTORS

Our presence in diverse regions and communities reflects our commitment to delivering sustainable solutions. We aim to create lasting positive impacts and drive growth.

WATER & WASTEWATER NETWORKS

Many fast-growing cities face challenges such as non-existence, aging or flawed design of their water supply and sewerage systems. At NIW, we believe that continuous pressurized water delivery is crucial for quality service. We support municipal authorities in attaining this goal through our expertise in network architectures including application of district metering areas (DMAs), SCADA systems and trenchless pipe installations.

For sewerage-based sanitation systems, we recognize the need for comprehensive end-to-end solutions that balance the availability of land for pump stations and sewage treatment plants (STPs) with the cost and complexity of sewer line installation. At NIW, we assist our clients through meticulous planning and provide a thorough overview of their systems. We design cost-effective and long-lasting solutions by incorporating the latest technology in pipe materials and SCADA control systems.

WATER & WASTEWATER TREATMENT

We help our clients plan and build water and wastewater treatment facilities that are cost-effective and resilient. Our designs feature state-of-the-art technology and innovative engineering to meet growing demands for treatment services. By incorporating advanced automation and real-time data monitoring, we ensure optimal operational performance and proactive maintenance strategies. This approach minimizes downtime and operational costs, boosting the sustainability and efficiency of urban water management systems.

WASTE MANAGEMENT

We consider waste a valuable resource. Our strategies focus on converting waste to energy and incorporating it into the circular economy. In our waste management projects, we prioritize protecting nature, the environment (including terrestrial and marine), and human health.

URBAN DEVELOPMENT & CLIMATE RESILIENCE

With a focus on innovation, NIW assist city authorities, public departments and urban developers in addressing climate change. We are committed to integrating sustainable urban development strategies to enhance city livability and resilience against future challenges. Our team of experts creates nature-based solutions and blue-green infrastructure, transitioning from traditional grey infrastructure to more eco-friendly approaches.





SERVICES

From planning to execution, we provide expert solutions that ensure sustainability and resilience while adhering to strict cost controls and project timelines.

MASTER PLANNING AND FEASIBILITY STUDIES

We assist clients in planning future infrastructure investments by merging Nordic expertise with a deep understanding of local conditions, including culture, demography, and sustainability. We evaluate multiple solutions, enabling financing agencies to assess and fund projects effectively.

We provide comprehensive documentation for informed decision-making, assessing the impacts and benefits to support data-driven strategies. We use digital tools like GIS and interactive story maps to simplify and communicate project concepts clearly, enhancing engagement and facilitating a consensus-driven approach to development.



ENGINEERING DESIGN AND PROCUREMENT MANAGEMENT

We carefully tailor our designs to each project stage and contractual form, considering technical requirements, safeguarding issues, client expectations, cultural traditions, and contractor capabilities. This comprehensive approach minimizes complications during construction, ensuring smooth collaboration and client and contractor satisfaction.

Our designs integrate innovative and proven global practices, adapted to meet the specific needs of each context. We prioritize long-term sustainability over short-term gains, focusing on effective asset management. Our design services are customized for the projects, clients, and their development partners, guided by international standards from major global financial institutions like the World Bank, Asian Development Bank, and others. This extensive experience ensures our designs are not only innovative but also align with global best practices and funding requirements.



CONTRACT MANAGEMENT AND CONSTRUCTION SUPERVISION

Construction supervision vary based on contract type, project complexity, and geographic scope. Our experienced team excels in contract management and construction supervision across infrastructure projects.

Our team leaders and resident engineers are skilled in overseeing construction, prioritizing timely, budget-conscious project delivery without compromising quality or safety. We serve as vital coordinators among clients, contractors, and suppliers, drawing on our experience from medium to large-scale projects in Europe, Asia, and Africa. We equip our engineers with advanced tools to maintain the highest standards of construction supervision.

Additionally, we ensure all supervisory staff, from team leaders to field engineers, are trained in compliance and anti-corruption measures, equipping them to firmly address any misconduct during project execution.



ENVIRONMENTAL AND SOCIAL SAFEGUARDS

At NIW, we collaborate closely with clients to proactively minimize environmental and social impacts, while protecting the rights of those affected by development projects. Our approach reduces project costs and minimizes negative effects on communities, especially concerning involuntary resettlement and land acquisition.

We utilize a structured process for impact assessment, planning, and mitigation at all project stages, ensuring transparency and participation through technology. This includes keeping affected individuals informed and engaged, providing clear information on their rights and grievance procedures.

With extensive experience meeting the standards of global financial institutions like the ADB and WB and operating across Europe, South/East Asia, and Africa, NIW expertly navigates the demands of development partners and project countries.



INSTITUTIONAL CAPACITY BUILDING

At NIW, we provide comprehensive assessments of institutional, organizational, and capacity needs, which include mapping existing structures, analyzing roles affected by projects, assessing human resources, and identifying necessary training for full ownership and effective operation of new infrastructure.

Our approach uses a strategic, data-driven analytical framework to strengthen institutional capacity through change management processes.

Our initiatives promote an environment of continuous learning and improvement, fostering the development of internal capabilities and a culture that values ongoing professional development. By integrating these practices, organizations not only meet immediate project goals but also enhance long-term resilience and adaptability, preparing them to face future challenges effectively.





TEAM EXPERIENCE

Our highly skilled management team boasts an impressive collective experience spanning over thirty years in project implementation, management and coordination.

OUR LEADERSHIP

Our management team has experience across Europe, Asia, and Africa in urban infrastructure development projects, primarily funded by international financial institutions. At NIW, we leverage this extensive industry knowledge and expertise to deliver services of the highest standards to our clients.



Jens Thøgersen
Managing Director
Denmark



Nils Gärdek
Director
Denmark

- Extensive experience across Africa and Asia, specifically in megacities like Dhaka, Lahore, Kampala, Manila, Colombo, Ho Chi Minh City and Yangon.
- Managed projects funded by major donors such as World Bank, ADB, EU, EIB, EBRD, DSIF, and Sida.

WORK WITH US

We are committed to fostering a distinctive workplace that attracts industry-leading talent. At NIW, our employees are deeply involved in impactful projects, contributing meaningful insights and actively participating in decision-making processes. We prioritize listening to both our customers and team members, utilizing the diverse expertise of professionals from various sectors to deliver superior solutions to our clients.

NIW adopts an open and proactive approach, always prepared to engage with potential partners. We actively seek collaborations with individuals, companies, and organizations. If you have a project in mind or are looking for opportunities to collaborate, we encourage you to contact us. We value your inquiries and are eager to explore your ideas.

HEAD OFFICE

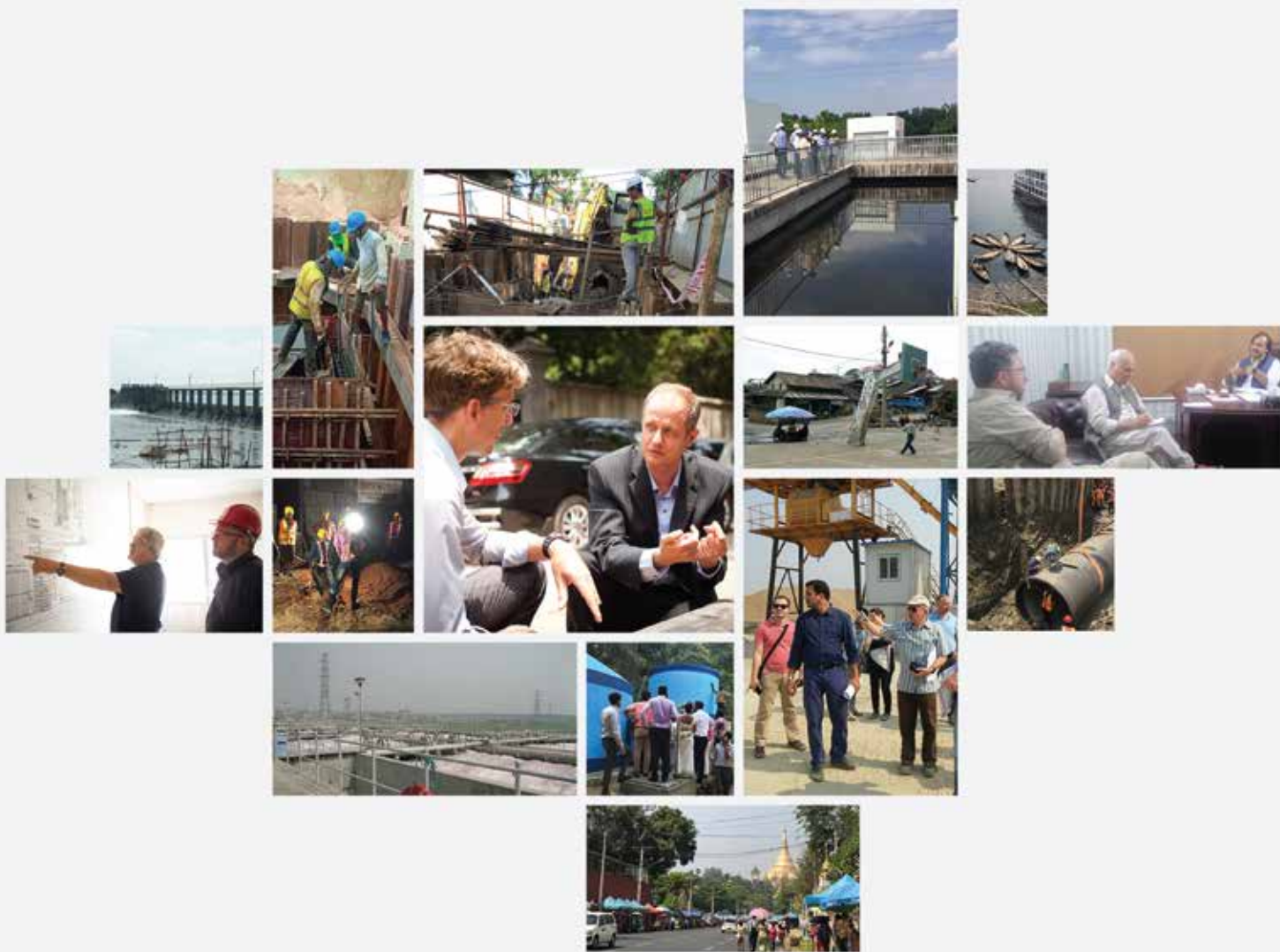
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