

NIRAS in the Philippines

The next-generation consultancy building
future sustainable societies



About NIRAS



Founded in 1956, NIRAS is a leading Scandinavian engineering consultancy company with a global footprint, having delivered over 7,000 projects across 100 countries. Headquartered in Denmark, NIRAS is owned by a foundation and a percentage of its employees. It has a fixed presence in 34 countries among our network of 64 offices, which include subsidiaries, branches, representative offices, and joint ventures. A well-consolidated company with an annual EBITA of around EUR 22 million, NIRAS operates in all regions except Antarctica, with about half of the annual turnover accrued from projects carried out internationally.



64
offices across
34 countries



3,000+
Professionals
+58,000 Experts
in our CVPT network



450+
Projects
implemented annually
across **100+ countries**

NIRAS has continuously valued creating sustainable development solutions for a better, more equal, and stable world. Building on international experience, we provide technical expertise and results-oriented project management in our core competence areas. Our mission is to deliver tailored, innovative, value-creating, and results-driven solutions to enable our clients and partners to achieve their goals. We achieve this by providing transformative support for positive change, addressing root causes, and magnifying impact through flexibility in implementation, capturing SDG-linked results, and celebrating successes.

We work within a matrix organisational structure, which promotes an environment where continuous learning thrives and good practices are adopted across different country and market contexts, clients, and technical solutions. We prioritise flexibility in project management to draw the best-suited team from all sectors for each assignment. A key strength is cooperation across all our business units, with all offices closely linked through online project management tools and information management systems, ensuring clients and partners always enjoy high-quality services.

NIRAS in the Philippines

In 2018, NIRAS established a permanent office in the Philippines, serving as its country office and regional headquarters for Asia-Pacific.

The goal was to build a strong presence in the Philippines, oversee and coordinate our development consulting operations in the region, and serve as an accessible knowledge hub for the Asian Development Bank.

In 2023, NIRAS Asia Manila Inc. expanded its footprint as it started to host NIRAS' renewable energy and infrastructure units.

The Philippines office employs more than 40 full-time staff. We facilitate close interaction with project beneficiaries, national and local authorities, association partners, clients, and other stakeholders, enabling effective collaboration and communication.

The office captures all the benefits that NIRAS provides as a global organisation: a strong, decentralised matrix organisation with certified systems of management and technical expertise, complemented by operational capabilities and an in-depth understanding of the local context.



Infrastructure

As a leading international consulting firm, NIRAS has advanced infrastructure development, a key driver of national progress and sustainable growth. The Manila-based Infrastructure Philippines (INPH) team, part of NIRAS' global Infrastructure group in Denmark, extends this excellence to the Philippines and Asia-Pacific by delivering top-tier services and promoting environmental sustainability. Its growing team of experts and engineers contribute to efficient, resilient infrastructure with a holistic approach, offering project management and engineering consultancy and support across all project stages. INPH ensures infrastructure solutions that are safe, sustainable, and responsive to the needs of the communities they serve.



Environment

Amid unprecedented progress, natural resources should be harnessed responsibly to create lasting benefits to people and the environment. With 50 years of experience in this field, NIRAS understands that political, economic, social, and environmental challenges are deeply intertwined in how natural resources are used. This has equipped NIRAS to tackle complex projects in natural resources management, addressing issues where climate change, forestry, water resources, ecosystems, landscapes, and governance intersect. In Manila, NIRAS has built a strong track record in offshore and onshore wind consultancy, guiding renewable energy projects to fruition. Drawing on NIRAS' expertise across the globe, it can provide support in planning, permitting and consenting, and environmental assessments.



Development Consulting

In fulfilling our purpose of building a more equal, stable and sustainable world, NIRAS aims to be a recognised driver of sustainable development, bringing positive change and innovation at local and global levels. We help address the needs of developing and emerging countries in areas of gender, social inclusion, social development, and resettlement through longstanding partnerships with international development organisations, donors, national governments, institutional investors, and the private sector. Together, we collaborate in designing, managing and evaluating projects and services that create opportunities for people to improve their well-being and realise their full potential in safe, equal, well-governed, and climate-resilient societies.

Cross-cutting Capabilities

NIRAS has handled many projects that combine concepts and strategies from different disciplines. Backed by a team that spans multiple fields, we are well-placed to support programmes needing a holistic approach or cross-cutting competencies



Capacity Building

We deliver targeted capacity development initiatives to strengthen the skills and institutional capabilities of partners and stakeholders in effective project planning, implementation, and management.



Monitoring, Evaluation, and Learning

NIRAS provides actionable insights to support continuous positive impacts through robust, results-based MEL systems that track progress, measure outcomes, and facilitate learning.



Knowledge Management and Products

From our extensive project roster, we develop knowledge materials – such as case studies, manuals, or policy briefs – which promote best practices and share knowledge across sectors and organisations.



Behaviour Change Communication

True impact lies in fostering positive attitudes and participation. We design and implement evidence-based strategies to encourage participation and support intended outcomes.

Projects



3R Programme to Protect the Marine Environment

GIZ | 2023-2025

The past decade has seen a rise in waste generation – particularly plastic – among countries in Southeast Asia. With GOPA Tech, NIRAS supported a pilot of 3RproMar held in Guimaras.

It unearthed valuable lessons in building sustainable waste management systems through capacity-building strategies, behavioural change communication, and targeted evidence-based interventions.

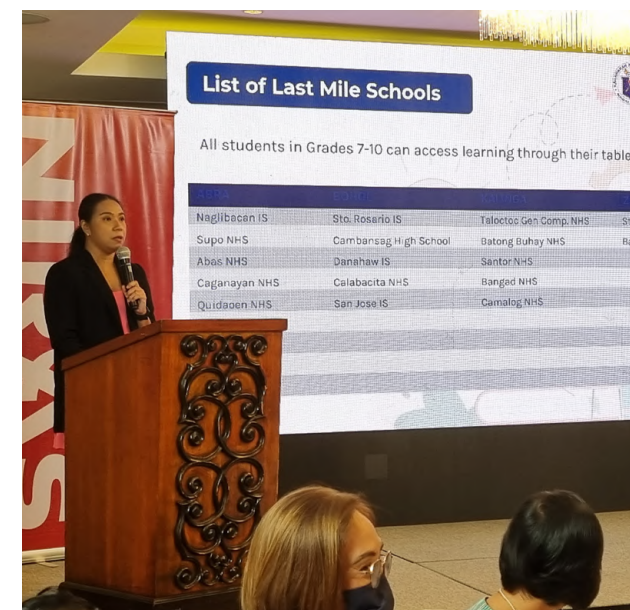


Protecting and Investing in Natural Capital in Asia and the Pacific

Asian Development Bank | 2019-2020

NIRAS focussed on the programme's third component, which aimed to raise public awareness on the impacts of the illegal wildlife trade and implement specific measures for two wildlife species in the Philippines.

Three knowledge products, which were devised despite the health restrictions during the COVID-19 pandemic, and a social media video were recognised during the Annual Global Wildlife Conference as the most useful project resources from 36 entries across 31 countries.



EdTech Solutions for Last Mile Schools in COVID-19

Asian Development Bank | 2021-2023

As part of the Philippine Government's response to the COVID-19 pandemic, public education has transitioned towards blended learning modalities.

The project built on international experience on education technology (EdTech), test the approach in a disadvantaged, remote setting in rural Philippines, and identify best practices and lessons learned for EdTech solutions that can be implemented beyond the pandemic.

Renewables

The world is at a turning point in its quest toward using greener sources of energy.

Demand continues to grow amid heightened commitments to achieve renewable energy targets; at the same time, green technologies have become more affordable, making the transition more attainable. With engineering and development consultancy experience in this field tracing back to the 1980s, NIRAS is best placed to seize the confluence of challenges and opportunities regarding renewable energy.



Wind

From the first offshore wind projects in Denmark to the burgeoning offshore wind industry in Taiwan and the Asia Pacific, NIRAS has been a key player in the wind energy industry – providing unparalleled advice and support in every stage of the wind farm life cycle.



Solar

Pioneering in photovoltaic and thermal projects in Denmark, NIRAS is best placed to harness the growing demand for solar energy, which is seen as a key substitute for diesel-powered electricity.



Hydro

Building on our long experience in project advice, assessment, and operation, NIRAS has been behind some of the world's foremost hydropower projects.

Environment

NIRAS' work on the environment is guided by one principle: balancing development with sustainability.

To this end, NIRAS takes a multidisciplinary approach to support responsible natural resource management and address cross-cutting issues. From inception to construction, we combine technical expertise with global best practices – guiding stakeholders to realise projects while keeping sustainability and inclusivity in mind.



Environmental and Social Assessment

Through Environmental Impact Assessment (EIA) or Environmental and Social Impact Assessment (ESIA), we help developers and local governments recognise the environmental or social impacts of planned projects.



Permitting and Consenting

Building on our experience with related projects abroad, NIRAS supports stakeholders in navigating bureaucratic requirements. We are also involved in formulating permitting and consenting frameworks for sustainable energy projects.



Environmental Management Implementation and Monitoring

NIRAS goes beyond planning and analysis. Putting environmental strategies into action through a continuous process ensures projects, especially in marine areas, remain compliant and sustainable.



Market Analysis

Understanding the market is an important step in ensuring the financial feasibility of projects. NIRAS can provide needed financial information and can advise stakeholders as they harness market opportunities.

Projects



Permitting and Consenting to Offshore Wind Energy

UNOPS-ETP | 2023-2025

The Philippines is highly conducive to offshore wind (OSW), potentially producing up to 21 gigawatts and providing power to 18.9 million people. Initiated by the Department of Energy with backing from the Southeast Asian Energy Transition Partnership, the project aimed to provide a streamlined process for offshore wind development in the Philippines.

Through NIRAS' experience in policy advice and project preparation and delivery, it was crucial to align government agencies as they pursue the advancement of OSW in the Philippines.



TA to the Biodiversity Conservation and Management of Protected Areas in ASEAN

European Commission | 2017-2023

This project successfully enhanced biodiversity conservation in ASEAN countries and made the management of each nation's protected areas effective. It specifically provided technical support to the ASEAN Centre for Biodiversity (ACB) and introduced site-level and national interventions, which emphasised the mainstreaming of biodiversity conservation and protected areas using scientific knowledge.

It also facilitated capacity building and strengthening of the ACB as a mechanism that supported the ASEAN regional agenda on biodiversity.

Development

As a developing country, the Philippines faces pressure from rapid urbanisation, population growth and governance issues.

Tackling these calls for inclusive, human-centric development – a key principle of NIRAS' long record of improving livelihoods and strengthening well-being and resilience among vulnerable groups. We see inclusivity as a pathway to sustainable development by helping formulate innovative solutions – both at the individual and systemic level – that foster equality and participation.



Gender, Equality and Social Inclusion

NIRAS has undertaken steps to mainstream rights-based approaches into its projects, ensuring that everyone can contribute to development through rights and equal opportunities for all.



Resettlement

We use innovative, holistic solutions to solve issues. Alongside the Asian Development Bank, NIRAS has successfully applied the graduation approach adapted to resettlement in the Philippines, an innovative strategy to help those displaced by large-scale development projects.



Social Development

NIRAS has helped implement projects that enable access to services and opportunities to ultimately empower individuals and communities to reach their full potential.



Policy Development

Drawing from its experiences on projects across the globe, NIRAS has advised governments and stakeholders on policies that foster sustainable development.



Just Transition

With experience in conducting assessments, developing policy, and fostering stakeholder engagement, our work proves that it is possible to share among all the socioeconomic benefits of the green transition.

Projects



Strengthening the Transition of Vulnerable Communities (STVC)

Asian Development Bank | 2020-2025

Recognising the potential of the graduation approach, the ADB and the Department of Transportation applied it to help affected households (AHs) due to the Malolos–Clark (MCRP) and South Commuter Railway projects (SCRPs).

The STVC programme aimed to help AHs achieve key milestones toward sustainable livelihood and socioeconomic resilience. Households were able to start livelihoods tailored to their circumstances, enabling AHs to “graduate” from extreme poverty. Insights and best practices from STVC will help shape future resettlement policies.



GRP in the Asia Pacific: Assessment and recommendations for supporting women-led businesses

Asian Development Bank & UN Women | 2020-2021

Gender-responsive procurement (GRP) is an effective strategy to bridge women-led businesses to markets and a key step to fostering greater gender equality in international trade.

This regional benchmarking study assessed opportunities for GRP in Indonesia, Thailand, Viet Nam and the Philippines. NIRAS mapped GRP practices across public and private sectors; conducted value chain analysis of key sectors relevant to women’s involvement; and developed policy, tools and programmatic recommendations based on global best practices.

Infrastructure

The Philippines is characterised by rapid urbanisation, population growth and diverse geographies — and opportunities abound for world-class infrastructure in the country.

However, it is also susceptible to natural disasters, complicating the construction of major infrastructure projects. Banking on its wealth of experience from projects across the globe, NIRAS is uniquely positioned to address challenges and to take advantage of opportunities in infrastructure projects in the country.

We implement projects that are built to last through innovative solutions that combine top-notch expertise with a drive for sustainability and environmental consciousness.

Ports

Ports are crucial points of connectivity in the Philippines, enabling efficient transportation and economic linkages across disparate areas. NIRAS uses its six decades of experience in delivering innovative maritime infrastructure solutions through multi-disciplinary planning and engineering consultancy services.



End-to-end Services

From planning to decommissioning, NIRAS' experience from numerous port projects worldwide informs its advisory services on all aspects of the port life cycle.



Smart and Green Master Planning

NIRAS has helped integrate smart and green technology into port master plans, providing long- and short-term strategies to ensure that ports are positioned to take advantage of sustainable technologies into the future.



Green Energy Transition

NIRAS can tailor the appropriate strategy to each client's environment, budget, and aspirations. We push the utilisation of renewable technologies in all aspects of maritime infrastructure.



Coastal Engineering

NIRAS develops coastal projects through a holistic perspective to form robust and integrated solutions, based on a profound understanding of the natural environment and local conditions.

Projects



Offshore Wind Port Development Planning: Pre-Feasibility Study

Asian Development Bank | 2024-2025

A key enabler of the construction of offshore wind farms is the development of ports to act as offshore wind support bases. In 2025, NIRAS completed the pre-feasibility studies for the expansion of ten Philippine ports to act as offshore wind ports.

Of the ten ports assessed, the study recommended two ports that could be progressed for further feasibility studies, with both expected to catalyse offshore wind development in key areas in the country whilst also offering positive business and environmental prospects.



Pre-Feasibility and Feasibility Study of Port Facilities and Shipyard for a Shipping Line in Quezon Province

Private Client | 2024-Present

A private shipping firm plans to construct a new marine terminal that could service larger container vessels and a building and repair facility in Quezon province to take advantage of its proximity to Manila and Subic Bay.

NIRAS provided consultancy services to recommend feasible options and, once an option is chosen, will work to complete the documentation necessary for financing further in the project.

Process Industry

Businesses with large industrial footprints are in constant search for ways to make their operations efficient and environmentally minded.

Issues such as intensive energy needs, continuous resource and water use, and strict waste processing requirements need innovative and holistic solutions. NIRAS' industry-leading expertise has helped solve challenges across all stages of production through a multidisciplinary lens – helping transform noble ambitions into tangible action.

We implement projects that are built to last through innovative solutions that combine top-notch expertise with a drive for sustainability and environmental consciousness.



Energy Optimisation

Staying true to our Scandinavian roots, we combine cutting-edge technology with a deep understanding of a client's needs to help businesses – especially in the food and beverage industry – efficiently adhere to sustainable goals.



Process Engineering

Our expertise in designing, optimising, and managing production systems in F&B manufacturing facilities ensures that solutions are efficient, safe, and cost-effective.



Industrial Wastewater Treatment

A major challenge for large businesses is to lessen the negative impacts of wastewater and stem the discharge of micropollutants into the environment. NIRAS' expertise helped industries tailor existing technology to meet their needs.



Green Fuels

NIRAS incorporates green fuels — such as biogas, biomethane, green hydrogen, and e-fuels — into tailored solutions as part of sustainability and decarbonization strategies.

Projects



Bottling Plant Conceptual Design

Private Client

NIRAS was engaged by a bottling plant company to undertake the conceptual design and master planning for the Luzon Greenfield project. The conceptual design phase focussed on developing the overall site layout, building zoning, and utility infrastructure strategy to establish a functional and efficient basis for the facility's detailed design. A key outcome of the phase was the establishment of the Basis of Design for architectural, civil, structural, and MEP disciplines. The completed package provided a clear, coordinated, and technically grounded vision with integrated sustainability initiatives, paving the way for the next stages of detailed design, permitting, and tendering.

Water

Access to safe and affordable drinking water is a basic human right, crucial for economic development and the reduction of poverty.

Increasing quality of life heightens the need to urgently solve water supply issues such as deterioration in water quality and inefficiencies and mismanagement of operations. NIRAS brings a holistic, integrated approach to solving challenges on water, with an army of specialists, engineers and professionals applying tested and innovative strategies on water-related assignments.



Nonrevenue Water Management

Water lost to leaks or theft wastes resources and increases costs. We have optimised water distribution networks across the globe for 4 decades through our proprietary LEAKman concept and renowned hydraulic modelling.



Water Distribution Modelling

Water utility companies need to be technically and logistically equipped to deliver consistent, high-quality water to consumers. NIRAS provides advice on sustainable water infrastructure and advanced operation modelling services.



Energy Optimisation

NIRAS has 20 years of experience in ensuring water distribution networks run sustainably. Through our approaches, we implement market-leading tools and use smart technologies to identify and tackle challenges in resource utilisation.



Groundwater Exploration & Engineering

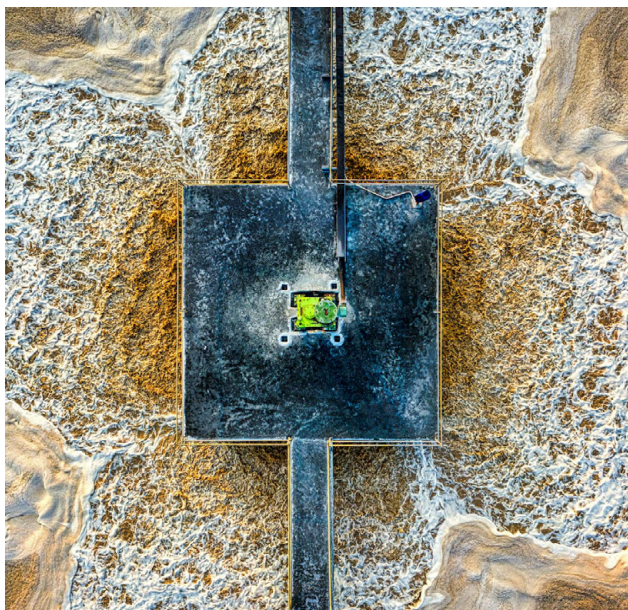
NIRAS specialists provide high-quality technical assistance to utilities, municipalities, and private companies regarding groundwater, exporting and implementing Danish state-of-the-art solutions internationally.



Municipal Wastewater Treatment

We help municipalities manage wastewater through a broad, encompassing perspective which considers factors such as storm water, drainage, and absorptive capacity, along with harmonising solutions to relevant legislation.

Projects



Design, Tender and Supervision during Construction of Eastern Wastewater Treatment Plant of Faisalabad City

WASA-Faisalabad and DANIDA | 2022-2026

The city of Faisalabad in Pakistan discharges untreated and heavily polluted wastewater into the local sewage and drainage system, causing the deterioration of groundwater quality. NIRAS is the lead joint venture partner in a project that assisted the local water utility in establishing a sustainable wastewater treatment plant, through a review of preliminary design, the preparation of tender documents, and construction supervision.

Project Overview

Offshore Wind Port Development Planning: Pre-Feasibility Study	ADB 2024-2025
Pre-Feasibility and Feasibility Study of Port Facilities and Shipyard for a Shipping Line in Quezon Province	Private Client 2024-Present
Strengthening the Transition of Vulnerable Communities Affected by the Malolos-Clark Railway Project	ADB 2020-2023
Strengthening the Transition of Vulnerable Communities Affected by the South Commuter Railway Project	ADB 2023-Present
Implementation of Pilot Project on 3R (Reduce, Reuse, Recycle) in the Philippines	GIZ 2023-2025
Permitting and Consenting to Offshore Wind Energy	UNOPS-ETP 2023-2025
TA-10009 PHI: Accelerating Climate Resilience in Agriculture, Natural Resources and the Environment	ADB 2023-2025
EdTech Solutions for Last Mile Schools in COVID-19	ADB 2021-2023
Mindanao Irrigation Development Project	ADB 2020-2024
TA to the Biodiversity Conservation and Management of Protected Areas in ASEAN (BCAMP)	EC 2017-2023
Ex-Post Evaluation of the Disaster Risk Management and Institutional Strengthening of Local Government Units (DRM-IS) Technical Assistance	AFD 2022
Protecting and Investing in Natural Capital in Asia and the Pacific - Public Awareness and Demand Reduction	ADB 2019-2021
Gender-Responsive Procurement (GRP) in the Asia Pacific: Assessment and recommendations for supporting women-led businesses	ADB & UNWomen 2020-2021
Identification of a Job Creation Programme for ARMM	EC 2016
Support to the Climate Change Commission Phase II (SupportCCC II) – Component 4: Renewable Energy Development and Energy Planning	GIZ 2016-2018

Project Overview

AG&P/PLN Maluku Cluster LNG Survey	AG&P Indonesia 2024 – Present
Indonesia New Capital City (IKN) Development Support	Government of Indonesia East Kalimantan, Indonesia 2024 – Present
Papua Metocean Study	BP Berau Papua, Indonesia 2024 – Present
Mini Nuclear Plant Development Support	PLN Indonesia Power Indonesia 2024 – Present
West New Territories Landfill Extension	WSP 2023 – Present
Consultancy Services for Preparation of Preliminary Design, Tender Documents, and Construction Supervision – Eastern Wastewater Treatment Plant (44 MGD), Faisalabad City, Pakistan	Water and Sanitation Agency (WASA) Faisalabad, Pakistan 2022 – Present
Marshall Islands - Final evaluation of energy sector reform contract	European Commission 2022-2023
Papua New Guinea - Short-Term Technical Assistance to support the Informal Economy	European Commission 2020-2023
Pacific Islands - PacWastePlus Mid-Term Evaluation	European Commission 2023
Production Overview with Online Hydraulic Model	Pengurusan Air Selangor Malaysia 2016-2021
Pilot Digital Twin for Air Selangor Water Utility Phase	Pengurusan Air Selangor Selangor, Malaysia 2021
Johor Groundwater Project	Ranhill SAJ Sdn Bhd Johor, Malaysia 2017-2018
Water Resource Investigation in Selangor	Onwater Selangor, Malaysia 2009-2011
Johor Non-Revenue Water Audit	Ranhill SAJ Sdn Bhd Johor, Malaysia 2017-2018

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