

NIRAS

**The next generation
consultancy building
future sustainable societies**

NIRAS Philippines Portfolio

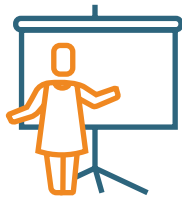




NIRAS Group, founded in 1956 and headquartered in Denmark is a multi-disciplinary consulting company with an in-house staff base of more than 2,300 professionals. A well-consolidated company with a gross turnover of approximately EUR 300 million, and more than 7,000 projects delivered, NIRAS operates in Europe, Africa, Asia, Latin America, the Middle East and the Arctic Region, with about half of the annual turnover is accrued from projects carried out internationally. NIRAS has fixed presence in 31 countries between our network of 51 offices including subsidiaries, branches, representative offices and joint ventures.



51
Offices
in 31 countries



2360
Professionals
325 NIC Staff 33,000 Experts
in network



7000
Projects
Delivered in
100+ countries

NIRAS business spans across seven key service lines, as follows:

- Building
- Informatics
- Process industry
- Environment & Energy
- Infrastructure
- Utilities
- Development consulting

Building on international experience and management of projects from more than 100 countries, NIRAS provides technical expertise and results-oriented project management in our core competence areas including environment and biodiversity, climate change, waste management, waste to energy and sustainable natural resources management among others.

Our mission is to deliver financially, socially and environmentally sustainable solutions to our clients. In 2017, NIRAS incorporated the SDGs in our corporate strategy across all countries and markets. We view and contextualise our work through the SDGs, plan, report and monitor our projects' contributions to them. With an ambition to be a driver for positive change, the whole Group has adopted the policy and practice of exploring ways and introduce new services to enhance the **SDG attainment in all our projects.**



- International Consulting
- Process Industry
- Environment & Energy
- Infrastructure
- Informatics
- Utilities
- Building

NIRAS is further divided into business units, all with a role to deliver sustainable development services across these areas. NIRAS International Consulting (NIC), is one such Business Unit within NIRAS Group specialized in Development Consulting for ODA clients, employs approximately 330 permanent staff in more than 20 countries with projects in more than 70. Within this area, we focus on urban and rural development within the energy, water, climate change and resilience, natural resources and infrastructure sectors in developing and emerging countries.

We are structured as a matrix organization, allowing for continuous learning and adoption of good practices between different country and market contexts, clients, and technical solutions. Co-operation between all of our business units is a stronghold of NIRAS. All offices are closely linked through on-line project management tools and information management systems, ensuring that clients and partners always enjoy the same high quality services. Flexibility in the project manning is among the top priorities to ensure that for each individual assignment we draw the best-suited team from all sectors.



NIRAS in Asia and the Pacific

NIRAS has operated throughout Asia continuously for over 35 years working for a variety of clients in the private and public sectors, including importantly the bilateral and multilateral development financiers on more than 400 assignments providing technical advice, design and management services.

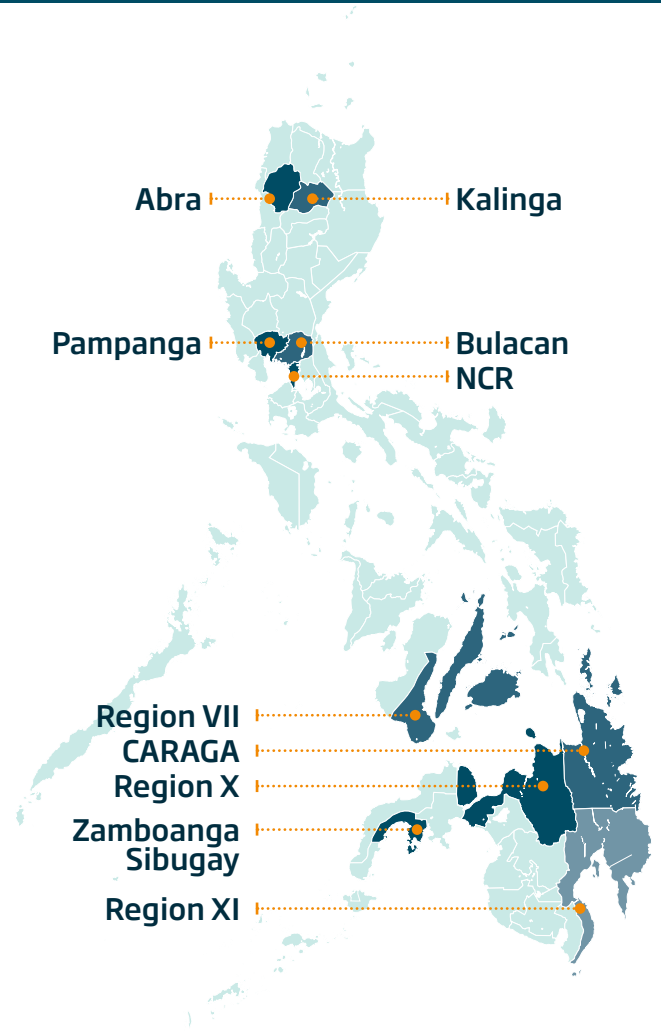
NIRAS currently employs some 50 permanent staff primarily in the Asia Pacific region. Our permanent office and representation network in the region cover currently Australia, Cambodia, Indonesia, Lao PDR, Nepal, Philippines, Taiwan and Vietnam, overseeing projects also beyond those countries, including in countries such as Sri Lanka, Tajikistan and Mongolia.

The Asia-Pacific office network is a well-established and tightly knitted team with Development Consulting operations coordinated from Manila. We believe the decentralized organization is needed to ensure strong understanding of our key countries, sectors, partners and clients and strong local operational capabilities.

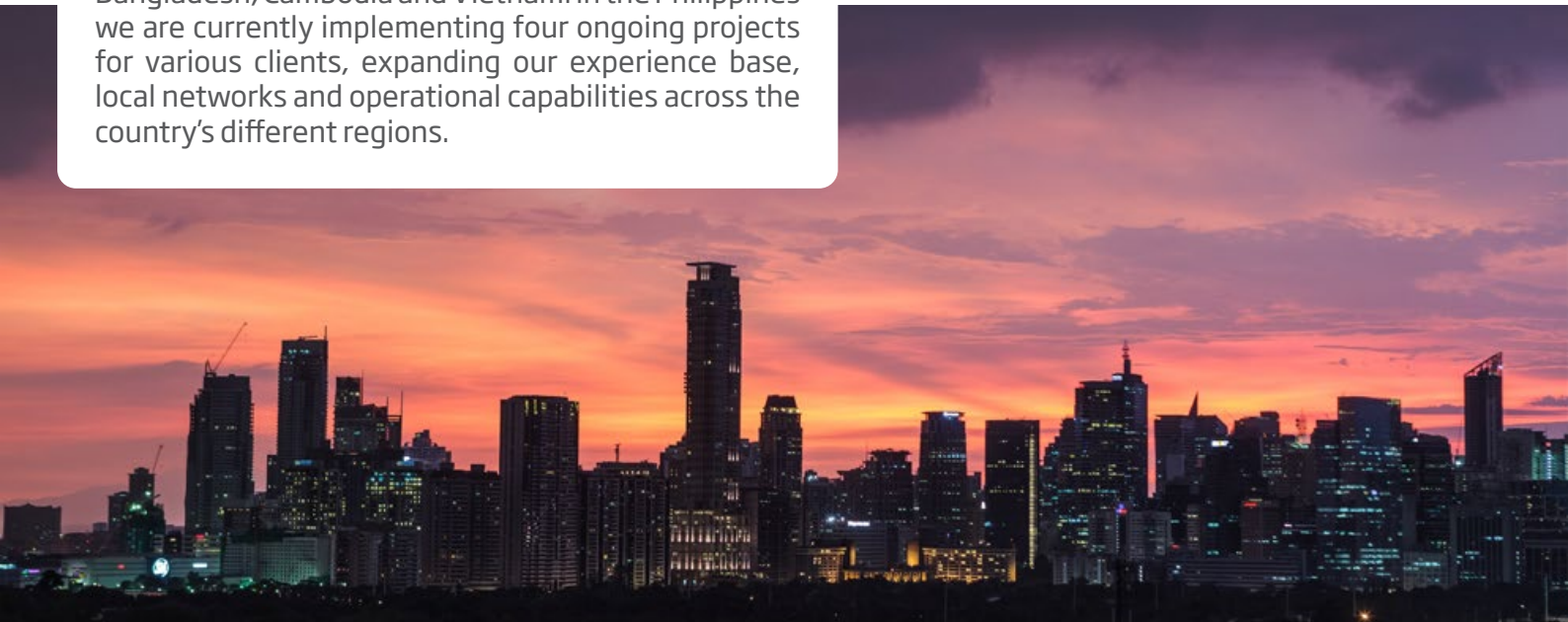
In 2018, NIRAS established a Regional Head Office in the Philippines to oversee and coordinate the operations in the region, serve as a knowledge hub for the ADB as well as maintain and further strengthen our links and networks of partners, national based clients and experts in the region. The Head office in Manila, as well as the ones in region enjoy all the benefits of the full corporate infrastructure, including strong financial base and liquidity, shared cloud-based information and management systems, wealth of technical knowledge, project management services, tools and procedures, as well as support functions in logistics and Information Technology.

NIRAS Asia Manila Inc., a NIRAS Ltd company currently employs 12 full-time staff and close to 100 more in our various projects in the Philippines. We has an extensive network of experts and partner organisations. Through the organizational setup explained above, in the NIRAS team in Manila captures all the benefits that NIRAS' provides as an global organization: a strong, decentralized matrix organisation with certified systems of management and technical expertise complemented by in-depth understanding and operational capability in the local context. Our office in Manila will allow a close interaction with the project beneficiaries, the local authorities, association partners, client and other stakeholders, enabling immediate and effective collaboration and communication. In addition to Manila, NIRAS also has project office readiness with two full-time staff in Davao, Mindanao.

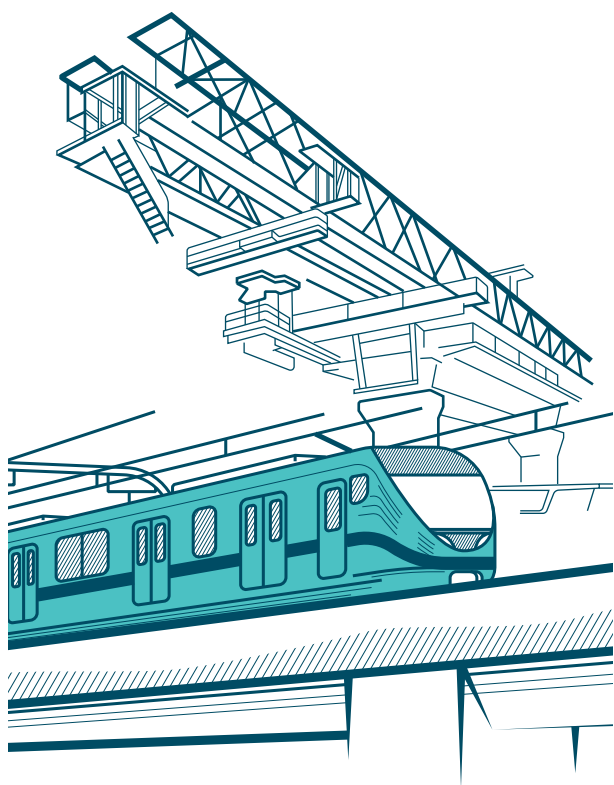
Since its establishment, the office has been managing projects in various sectors and countries, including Bangladesh, Cambodia and Vietnam. In the Philippines we are currently implementing four ongoing projects for various clients, expanding our experience base, local networks and operational capabilities across the country's different regions.



NIRAS current project areas



NIRAS Philippines' work on Socioeconomic sustainability



The country's natural resources are affected by rapid urbanization, population growth and governance issues that can be addressed through inclusive development and human-centric solutions. Over the years, NIRAS has demonstrated capability and expertise in enhancing livelihoods, well-being and resilience of vulnerable groups.

NIRAS is well-positioned to mobilise high quality experts at short notice and can work with clients to develop clear scopes of work and prioritise technical assistance assignments in relation to their impact and value for money. We have delivered technical assistance for a range of clients - Asian Development Bank, UNDP, AFD, EU, World Bank and national governments.

Our Services in this area

- Policy & Strategy Advice
- Technical design and analysis
- Institutional governance & support
- Network-building and Capacity development
- Resettlement Action Plans
- Livelihood Restoration and Improvement Plan
- Monitoring, evaluation & learning

Our work on this thematic area:

Strengthening the Transition of Vulnerable Communities Affected by the Malolos-Clark Railway Project, ADB, 2020-2022

The Malolos-Clark Railway Project (MCRP) financed by the Asian Development Bank (ADB) and Japan International Cooperation Agency (JICA) will support the construction of two sections of the North-South Commuter Railway (NSCR) totaling 53.2 kilometres. The ADB and Department of Transportation (DOTr) recognize the potential of the Graduation Approach to assist Project Affected People relocated under this project to enable extreme and ultra-poor households to achieve key milestones towards sustainable livelihoods and socioeconomic resilience.

The program will assist the Affected Households (AH) to develop livelihood programs based on their individual contexts and productive assets. The NIRAS-led consortium will provide access to training, coaching, and other support services to enable PAPs to "graduate" from extreme poverty. The best practices and lessons learned from employing this model will serve to improve future policies governing resettlement.





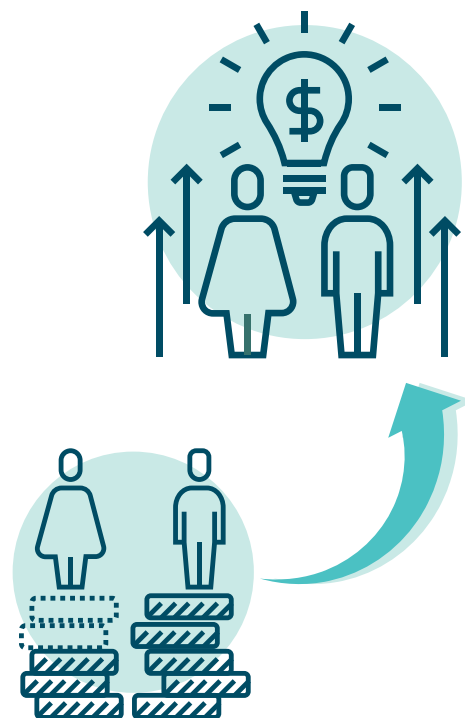
Mindanao Irrigation Development Project ADB, 2020-2021

The project will assist the Government of the Philippines (the Government) to increase productivity and climate resilience of irrigated agriculture in Mindanao by (i) Strengthening irrigation planning, design, and management capacities; (ii) Developing efficient and climate resilient irrigation systems; and (iii) Adopting climate resilient irrigated farming practices. In the NIRAS-led consortium, NIRAS has provided expertise and resources for international experts in water resources, agriculture development, GIS/asset management, climate change and social development specialists.

Gender-responsive procurement (GRP) in the Asia Pacific: Assessment and recommendations for supporting women-led businesses, ADB and UN Women, 2020-2021

Gender-responsive procurement is emerging as a powerful means to act as a bridge women's businesses to markets and support their viability and growth and will allow larger companies to put a gender-lens to their sourcing footprint and ultimately allow international trade to become more gender-equal.

The purpose of the regional benchmarking study is to assess existing and future opportunities for gender-responsive procurement in the Asia Pacific, addressing both the public and private sectors. The geographic scope is the Asia Pacific region with particular focus on select countries, including Indonesia, Thailand, Viet Nam, the Philippines. Among the project outputs developed was an overview of GRP practices in the public and private sectors, value chain analysis of main sectors and companies where women's involvement is high and where women's businesses are concentrated, and provide recommendations through policies, tools and programmatic approaches based on global good practices.



Identification of a Job Creation Programme for ARMM, European Commission Framework Contracts, 2016

The Autonomous Region in Muslim Mindanao (ARRM) is plagued both by recurrent internal armed conflict and high poverty incidence of 55% (2012) in the Philippines. Due to conflict, women and children are displaced and further marginalized as there are decreasing opportunities for work due to lack of access to jobs both at the formal and informal business enterprises. The programme aims to deliver peace at a grass root level, in the form of more income earning opportunities and improved livelihoods for ex-combatants, their dependents and the Internally Displaced Populations (IDPs) that have been affected by years of conflict and neglect. The NIRAS-led consortium identified the main target beneficiaries of the programme, optimum livelihood opportunities in the relevant sectors, the obstacles and barriers that restrict these potentials, and contributions the EU can make to lift the obstacles.

NIRAS Philippines' work on Natural resources and environmental sustainability



For over 50 years, NIRAS has tackled complex projects within the realm of natural resource management at the intersections of climate change, forestry, water resources, ecosystems, landscapes, and institutional governance. NIRAS understands that the way in which natural resources are accessed, managed and controlled represents political, institutional, economic, environmental, social and cultural challenges.

NIRAS' highly-experienced in-house experts have extensive knowledge and expertise in the sustainable management of resources, capacity development including training and workshops, monitoring and evaluation services and mainstreaming of climate action, disaster risk reduction and biodiversity conservation. Successful governance of natural resources ensures equitable access, sustainable management and conservation of public environmental goods as well as tenure security and financial returns for legitimate land holders. We ensure that no one is left behind.

Our Services in this area

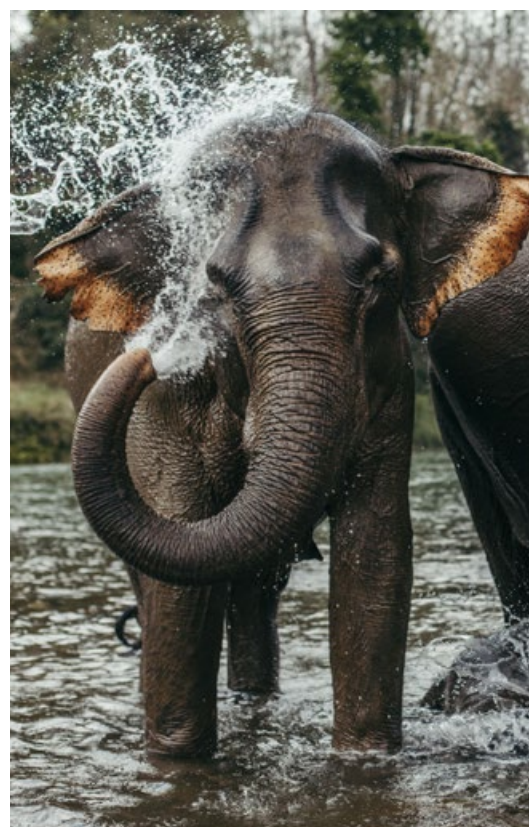
- Policy & Strategy Advice
- Environment Impact Assessment (EIA)
- Initial Environmental Examination (IEE)
- Environment Monitoring Plan
- Monitoring, evaluation & learning
- Technical design and analysis
- Institutional governance & support
- Network-building and Capacity development
- Awareness and environmental education
- Climate risk assessments, science research and investment planning
- GIS & Remote Sensing
- Mapping & Cartography
- Soil & Hydrological Modelling
- Spatial Data Management & Analysis

Our work on this thematic area:

TA to the Biodiversity Conservation and Management of Protected Areas in ASEAN (BCAMP), EC Framework Contract, 2017-2023

BCAMP project aims to enhance environmental, social and economic well-being through better biodiversity conservation, effective management of protected areas, and reduction of biodiversity loss in the ASEAN region. The BCAMP project provided technical support to the ASEAN Center for Biodiversity (ACB) to reduce the biodiversity loss. The Project has three main components to achieve its overall and specific objectives in site, national and regional levels. Site-level interventions aim to improve biodiversity conservation and protected area management and support the AHPs Programme. The national interventions emphasizes the mainstreaming of biodiversity conservation and protected area management in development plans and educational system in ASEAN by way of utilizing and developing scientific knowledge as basis for biodiversity conservation.

On a regional level, the project highlights capacity building and training, and capitalizes on the institutional strengthening of the ACB as a regional mechanism that supports the ASEAN regional agenda on biodiversity.





Philippines: Protecting and Investing in Natural Capital in Asia and the Pacific - Public Awareness and Demand Reduction ADB, 2019-2020

ADB's regional project aims to combat organized environmental crime in the Philippines through three key components: (1) Legal and institutional reforms, (2) Capacity-building activities, and (3) Demand reduction measures.

NIRAS implemented the third component of the project focusing on Public Awareness and Demand Reduction (PADR). The component aims to (1) Increase public awareness of the direct impacts of illegal wildlife trade on biodiversity and ecosystem functioning and services, and (2) Implement demand reduction measures for at least two priority illegally traded wildlife species in the Philippines.

Some of the outputs provided to achieve the outcomes include a nationwide survey to understand the demand for illegal wildlife and trends in consumer behaviour. Despite the challenges in data collection during the strict COVID-19 related restrictions in the country, our experts have managed to develop innovative knowledge product solutions to advance data collection without face-to-face interaction. An innovative Economic Valuation paper highlighted the larger value of wildlife to society beyond its physical attributes. A Communication, Education, and Public Awareness Campaign (CEPA) helped increase awareness on the effects of illegal wildlife trade and inspire stakeholders into action and to influence and effect societal and legislative changes. While a Consumer Demand Reduction Study (CDR) analyzed the effectiveness of the campaign and highlighted areas that need strengthening in succeeding wildlife advocacy campaigns.



Award-winning IWT Project knowledge products

The three knowledge products and a social media video from the CEPA campaign was recognised during the Annual Global Wildlife Conference as the "Most Useful Project Resources" in a series of 5 mini-competitions involving 36 projects spanning 31 countries.

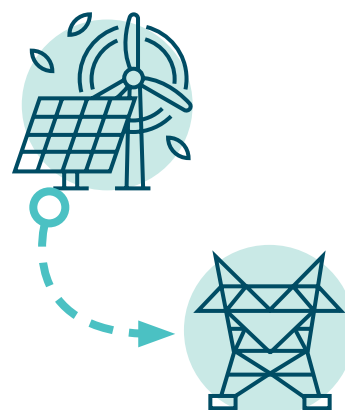
Climate Adaptive Integrated Flood Risk Management (CAIFRM) Project

As a regional hub for the ADB market and as the consortium lead, the Manila office is providing management support to the project. CAIFRM will identify and develop opportunities to build climate-resilient Flood-Risk Management (FRM) infrastructure in the Red-Thai Binh River and the Ma River and help the Vietnamese government successfully implement their FRM plan.



Support to the Philippines in Shaping and Implementing the International Climate Change Regime (SupportCCC II) GIZ, 2016-2018

The project supports the Government of the Philippines in developing their renewable energy resources and integrating the electricity into the national grid. Main services are renewable energy policy implementation and energy market design, integrated energy planning and renewable energy integration. The NIRAS-led consortium provided technical advice to the Department of Energy for data modelling and analysis, studies, development of technical reports and development of training modules and sessions with the objective of facilitating the implementation of climate change policies at national and sub-national levels and promoting the usage of renewable energies (RE).





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Education, skills and employment promotion play a key role in achieving national development visions and strategies. They are essential for promoting inclusive and sustainable economic growth at a local level, while addressing global challenges such as economic migration.

We promote the adoption of a lifelong learning perspective and treat skills development in the context of the entire educational system, recognising that it can be school-based, in-company, cooperative, or informal in nature. Our goal is to improve the quality of existing education and training systems. We do this by working closely with national counterparts to strengthen local structures and institutions in the context of existing socioeconomic conditions.

Leveraging our global expertise in the education, skills & training sector, we are currently implementing our first education project in the Philippines.



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EdTech Solutions for Last Mile Schools in COVID-19, ADB, 2021-2023

As part of the Government of the Philippines' response to the COVID-19 pandemic, public education has transitioned towards remote & blended learning modalities. The project aims to build 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 during and after the COVID-19 pandemic. The NIRAS-led consortium develops educational learning modules, distributes the network infrastructure and low-cost tablet devices needed for last-mile delivery.



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<p>EdTech Solutions for Last Mile Schools in COVID-19, ADB, 2021-2023</p>	<p>The project aims to build on international experience on education technology (edtech); test the approach in a disadvantaged, remote setting; and identify best practices and lessons learned for edtech solutions during and after the coronavirus disease (COVID-19) pandemic.</p>
<p>Strengthening the Transition of Vulnerable Communities Affected by the Malolos-Clark Railway Project, ADB, 2020-2022</p>	<p>The program will assist the Affected Households (AH) to develop livelihood programs based on their individual contexts and productive assets. The NIRAS-led consortium will provide access to training, coaching, and other support services to enable AHs to “graduate” from extreme poverty.</p>
<p>Gender-responsive procurement (GRP) in the Asia Pacific: Assessment and recommendations for supporting women-led businesses, ADB and UN Women, 2020-2021</p>	<p>The purpose of the regional benchmarking study is to assess existing and future opportunities for gender responsive procurement in select countries in the Asia-Pacific region, addressing both the public and private sectors.</p>
<p>Mindanao Irrigation Development Project, ADB, 2020-2021</p>	<p>Assisting the Philippine government to increase productivity and climate resilience of irrigated agriculture in Mindanao by (i) strengthening irrigation planning, design, and management capacities; (ii) developing efficient and climate resilient irrigation systems; and (iii) adopting climate resilient irrigated farming practices.</p>
<p>Protecting and Investing in Natural Capital in Asia and the Pacific - Public Awareness and Demand Reduction, ADB, 2019-2020</p>	<p>The project aims to increase public awareness of the direct impacts of illegal wildlife trade on biodiversity and ecosystem and to implement demand reduction measures for 2 priority species.</p>
<p>TA to the Biodiversity Conservation and Management of Protected Areas in ASEAN (BCAMP), EC 2017-2023</p>	<p>BCAMP project aims to enhance environmental, social and economic well-being through better biodiversity conservation, effective management of protected areas, and reduction of biodiversity loss.</p>
<p>Support to the Philippines in Shaping and Implementing the International Climate Change Regime (SupportCCC II), GIZ, 2016-2018</p>	<p>The projects supports the Government of the Philippines in developing their renewable energy resources and integrating the electricity into the national grid. Main services are renewable energy policy implementation and energy market design, integrated energy planning and renewable energy integration.</p>
<p>Identification of a Job Creation Programme for ARMM, European Commission Framework Contracts, 2016</p>	<p>The programme aims to deliver peace at a grassroots level, in the form of more income earning opportunities and improved livelihoods for ex-combatants, their dependents and the Internally Displaced Populations (IDPs) that have been affected by years of conflict and neglect.</p>
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**Let us work together for an equal, sustainable,
and stable Asia-Pacific and the world.**

Antti Inkinen

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