



NIRAS

KABUPATEN JAYAWIJAYA




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

NIRAS Indonesia Portfolio



Owned by a foundation and a percentage of its employees, NIRAS Group is an international multi-disciplinary consultancy firm with Nordic roots and values creating sustainable development solutions for a better, more equal, and stable world since 1956. A well-consolidated company with earnings before interest, taxes, and amortization (EBITA) of approximately €15.6 million, NIRAS operates in Europe, Africa, Asia-Pacific, Latin America, the Middle East and the Arctic Region. About half of the annual turnover is accrued from projects carried out internationally.



59
Offices
in 33 countries



2400
Professionals
350 International
Development Consulting
46,000+ experts
in our CVPT network



7000+
Projects
Delivered across
100+ countries

**NIRAS International
Development Consulting**
SERVICE SECTORS

- Forests
- Agriculture
- Climate
- Land
- Fund Management
- Education & Skills
- Private Sector & Trade
- Peace & Stability
- Gender & Human Rights
- Governance
- Water
- Sustainable Energy
- Urban Development
- ME & L

NIRAS has a fixed presence in 33 countries between our network of 59 offices including subsidiaries, branches, representative offices and joint ventures. 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. Our mission is to deliver tailored, innovative, value-creating, and results-driven solutions to enable our clients and partners, 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.

NIRAS Group is divided into business units; NIRAS International Development Consulting specialises in providing technical assistance on behalf of official development aid (ODA) clients. Among others, we focus on urban and rural development, good governance, sustainable energy, climate change and resilience, natural resource managements and infrastructure in developing and emerging countries. We collaborate with international development organisations, donors, governments, institutional investors, and the private sector to design, manage, and evaluate projects and services that create opportunities for people to improve their lives and live in safe, equal, well-governed, and climate-resilient societies.

We are structured as a matrix organisation, allowing for continuous learning and adoption of good practices between different country and market contexts, clients, and technical solutions. Cooperation between all of our business units is a stronghold of NIRAS. All offices are closely linked through online 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

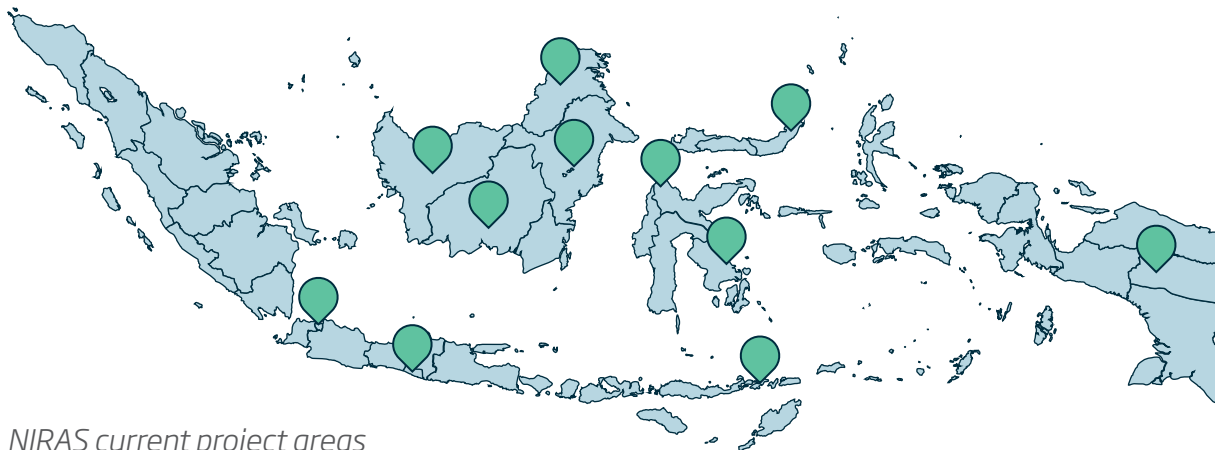
NIRAS has operated throughout Asia continuously for over 35 years working for a variety of clients in the private and public sectors, including importantly the bilateral and multilateral development financiers on more than 400 assignments providing technical advice, design and management services.

NIRAS currently employs more than 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.

Since our establishment in 2017, NIRAS Indonesia's local presence has only expanded: **managing and completing various donor-funded, cross-sector projects in 20 provinces across Indonesia.** We are currently implementing six donor projects, namely Green Economic Growth for Papua Provinces by FCDO, EU-funded EU-ASEAN Green Initiative, Supporting Sustainable and Efficient Energy Policies and Investment by the Asian Development Bank, Qualitative Panel Services on Gender Norms by Abt Associates and DFAT Australia, AFD-financed Detailed Assessment and a Feasibility Study for a Project to Enhance Gender Equality through Blue Carbon Ecosystem Protection in Indonesia, UNON Spirulina Social Enterprise Project and UNOPS Indonesia's Pathway to Achieve Net Zero Emissions Target.

Our project experience have assisted us in development and implementation of **efficient project preparation, management and monitoring of tools and resources** required to fulfil the assignment's objectives. We apply a dynamic management model, which incorporates frequent communication between stakeholders, providing a quick and adequate response to the needs and aspirations of the client. This model ensures the flexibility required to introduce timely adjustments to the project environment to meet the expected outputs of the TA services. The successful implementation of a project involves the mobilization of adequate logistical, administrative, and technical resources which can all be done directly from our Jakarta office. This support is essential to the timely provision of the services as well as to their quality.



NIRAS current project areas



NIRAS-MGTB is part of the NIRAS global infrastructure unit which provides comprehensive consulting services in relation to port terminals and marine civil works. We provide services rendered throughout all project phases including Master Planning, feasibility studies, EIA, due diligence, design, supervision, and project management. With global presence and a post in Indonesia, NIRAS-MGTB has a strong track record in delivering comprehensive solutions for port and maritime projects worldwide from the Arctic to the tropics. We have a team of experienced engineers, planners, and consultants who specialize in various aspects of port and maritime infrastructure development. In Southeast Asia, NIRAS works in various locations such as, Indonesia, Malaysia, Philippines, Vietnam, South Korea, Taiwan, and Japan.

Inclusive socioeconomic sustainability

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

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 its commitment and expertise in enhancing livelihoods, well-being and resilience of vulnerable groups in Indonesia.

With an office in Jakarta, NIRAS is well-positioned to mobilise high quality experts and accustomed to collaborate with clients to develop clear scopes of work and prioritise impactful technical assistance that is tailored to local context. In Indonesia, NIRAS has delivered technical assistance for wide range of clients including ADB, AFD, GIZ, UNDP, EU, DFAT, and UK FCDO.

The Green Economic Growth for Papua Provinces Programme

UK Low Carbon Development Group | 2018-2022

The Green Economic Growth (GEG) Programme for Papua Provinces aimed to promote sustainable economic development in both the private sector and local authorities, attracting investors to rural and urban regions while addressing challenges faced by Papuan small-holder farmers (SHFs) and micro, small, and medium-sized enterprises (MSMEs). These challenges included limited market access, high entry costs with little credit availability, lower education and skill levels, and a lack of coordination among key government agencies and supporting donors.

NIRAS provides technical assistance to Papuan small-holder farmers and to micro, small, and medium-sized enterprises (MSMEs) to help build a sustainable and thriving local economic base which will not threaten the natural environment as it grows.

Throughout the programme implementation, NIRAS identified, defined, and piloted changes to market systems to promote widespread adoption of sustainable crop farming and land use practices for improved climate resilience. The capacity deficits faced by rural Papuan SHFs, especially in remote areas like the highlands, through customised adult education. Furthermore, SHFs were mentored to be able to adopt sustainable crop systems and land use practices, through technical training to increase yields, improve quality, and ensure consistency.

NIRAS also assisted financial service providers in building a portfolio of loans for indigenous Papuans in the agriculture and agribusiness sector and established partnerships with local banks, financial institutions, and rural credit initiatives. Moreover, access towards business support services and investment funding for green-growth oriented lead firms, ISPs, and SMEs were also enhanced through structured incubation and investment facilitation-hence created local champions and leveraged successful interventions to potential green enterprises in targeted provinces.





Community Based Spirulina Aquaculture Project

UNON | 2022-Present

This project, implemented by The Dugong MOU Secretariat and funded by the Federal Ministry for the Environment, Nature Conservation Building and Nuclear Safety (BMU) through their International Climate Initiative (IKI), aims to promote social enterprise-based spirulina farming in Southeast Asia. This initiative seeks to benefit coastal communities while contributing to coastal conservation efforts in the region, especially in the face of climate change vulnerability.

NIRAS has been tasked with providing capacity-building activities to coastal communities, facilitating the establishment of spirulina farming social enterprises that benefit both the communities and coastal conservation. The project's objective is to diversify livelihoods, reduce reliance on coastal resources, and create a sustainable source of financing for coastal conservation. The output will be the establishment of two spirulina farming social enterprises in two coastal communities in Southeast Asia, each equipped with a mechanism to fund coastal conservation efforts.

Detailed Assessment and a Feasibility Study for a Project to Enhance Gender Equality Through Blue Carbon Ecosystem Protection in Indonesia

Agence France Developpement | 2023

Indonesia has established gender mainstreaming and blue carbon ecosystems conservation policies at the national level. However, these approaches require further development and support at the sub-national level for effective implementation. There is a specific need on enhancing gender-sensitive strategies related to blue carbon ecosystems, which is a relatively new area of action.

To address this gap, a project is being considered to support gender equality while protecting blue carbon ecosystems. The project's aim is to actively conserve and ecologically restore priority blue carbon sites, accessing long-term financing through blue carbon credits on voluntary markets using Indonesian-developed tools, empowering women in ecosystem conservation communities, promoting women's participation in the sector, and building stakeholder capacity on gender and climate change issues.

The French Development Agency (AFD) and the Government of Indonesia, represented by BAPPENAS, have appointed NIRAS to conduct a detailed assessment and feasibility study for the project. NIRAS will be responsible for assessing the sector's needs, identifying priority sites under two funding scenarios, conducting a gender analysis related to blue carbon ecosystems in Indonesia and the targeted sites, and finally, conducting a feasibility study for the project under these two scenarios.



Green Growth Project Phase 3 Sustainable Landscape Project

GGGI | 2023

This project, implemented by GGGI, was designed to support implementation of Indonesia's NDC to realize and - wherever possible - exceed its commitments of 29% (unconditional) and 41 % (conditional) reductions of GHG emissions by 2030. The project targeted focused on land-use and forests, as these sectors offer some of the most rapid and cost-effective emission reductions for this time period.

GGGI provides policy, planning, investment, capacity-building, and knowledge-sharing support to help Indonesia meet its NDC commitments at both national and sub-national levels. Collaboration is established with three crucial government institutions: the Ministry of Environment and Forestry (MoEF/ KLHK), the Indonesian Environment Fund (IEF/BPDLH), and Bappenas.

To impartially assess the project's achievements and identify further improvement opportunities, GGGI seeks a competent firm for a final evaluation. NIRAS has been selected for this task, mobilizing a team to deliver milestones and reports identify lessons and opportunities to further improve the delivery and impact of support to the Government of Indonesia related to sustainable landscapes. NI RAS is responsible for the management of the evaluation, including quality control and reporting throughout the inception, data collection, and synthesis phase.



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





Indonesia's Pathway to Achieve Net Zero Emissions Target

UNOPS | 2023-Present

This project will assess the existing government plans guiding the energy transition, its challenges and opportunity, establish the approach to align with the climate commitment plans, providing background studies on announced pledges and government roadmaps, build communication strategies to gain trust from the government and stakeholders, and prepare the needed measures to address the potential problems in ongoing activities. The project will provide a comprehensive methodology to review the current government plans (related to energy transition) and propose a streamlined approach. The work will be complemented by tailored background studies and result in action plans that can be applied by the Indonesian government as well as providing capacity building to ensure the sustainability of the outputs in the future.

Technical Assistance Facility to the Green Team Europe Initiative

European Union | 2023-Present

The Technical Assistance Facility for the Green Team Europe Initiative is a regional project funded by the European Union through its Global Europe: Neighbourhood, Development, and International Cooperation Instrument (NDICI). It is a key part of the broader Green Team Europe Initiative, managed by NIRAS, with the goal of enhancing cooperation in four main areas: climate change, natural capital, sustainable food systems, and clean energy. The activities are aligned with the European Green Deal, the ASEAN Community Vision 2025, and the ASEAN Comprehensive Recovery Framework.

The facility provides support in the form of technical assistance, capacity development, and opportunities for dialogue and peer learning to achieve its objectives. The primary aim is to strengthen the EU-ASEAN partnership and mitigate negative environmental impacts, climate-related and disaster risks, and focusing on key aspects of the European Green Deal.

The expected outcomes of the project include improved cooperation with and within ASEAN for developing and implementing ambitious climate policies, effective and sustainable management of regional natural capital and landscapes, promotion of sustainable and climate-resilient food systems in ASEAN, and accelerated transition towards clean energy and greater energy efficiency. Additionally, the project seeks to promote gender equality, human rights, democracy, digitalization, conflict sensitivity, and inclusion for people with disabilities.

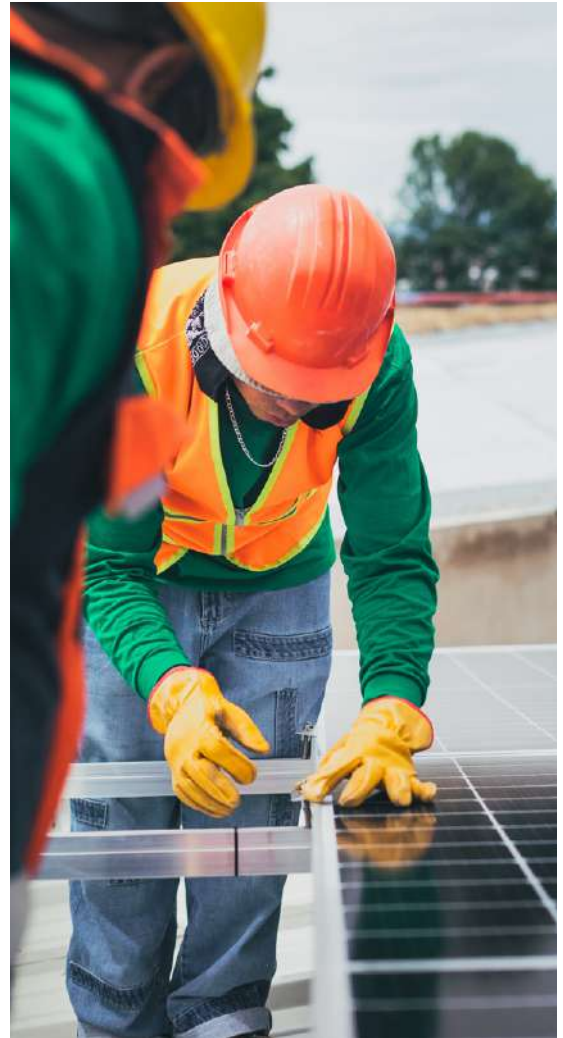


Supporting Sustainable and Efficient Energy Policies and Investments (SSEEPI)

Asian Development Bank | 2020-Present

The Supporting Sustainable and Efficient Energy Policies and Investments (SSEEPI) is a project that provides improved policy measures, capacity and awareness for sustainable and efficient energy policies, investments in sustainable energy transition, and renewable energy investments. These address the cross-cutting areas of climate change and environment on sustainable energy infrastructure decreasing the growth in greenhouse gas emissions in Indonesia. NIRAS supported in providing consultation to the Sustainable and Inclusive Energy Program - Policy-Based Loan (PBL).

The policy is to support Gal to enhance its clean and affordable energy with the making of energy infrastructure and sustainable electricity. Then during the Renewable Energy Development (investment) Project (REDP) project on the conceptualization and planning of the infrastructure of the solar PV park that will serve to advance the use of solar PV park in Indonesia (planned capacity of 200 MWp with 60 -80 MWh storage). NIRAS prepares the conceptual framework and associated road map, including tendering arrangements and risk allocation that includes preparing the categorizations and preliminary environmental and social impacts. Lastly, on Sustainable and Efficient Sector Development Program (SOP) linking policy reform with capital investments. The SOP preparation aims to support the sustainable energy transition, feasibility study, financial and economic analysis.



Scoping Study for UK support for the Implementation of the Low Carbon Development Initiative (LCDI) in Indonesia

UK FCDO | 2018-2022

In 2017 the UK Climate Change Unit (UK CCU) supported the development of Indonesia's first national low carbon development plan with technical advice from leading climate experts including Nicholas Stern. The Indonesian Government launched its UKCCU funded report, Low Carbon Development: A Paradigm Shift Towards a Green Economy in Indonesia (The LCDI Report) in March 2019. The LCDI Report provides a clear, evidence-based set of scenarios, for an ambitious, low-carbon pathway for Indonesia that also delivers growth, jobs and poverty reduction. Indonesian government has incorporated the medium ambition scenario from the LCDI report into their Medium-Term Development Plan 2020-24, which was approved by President Jokowi in January 2019. This commits Indonesia to reduce emissions by 29% by 2030.

NIRAS provided advisory services on low carbon planning in the context of a post COVID-19 recovery to national and selected provincial governments by building the capacity and capability of the government (national and provincial) and their staff to develop the right policy tools and instruments to implement low carbon initiatives. Help create and implement engagement strategies to build national and international coalitions to ensure sustainable political and institutional commitment to the LCDI, also establishing a funding window to test and pilot innovative ideas with the potential to enable Indonesia to commit to the most ambitious low carbon development pathways.

E-Learning Module Development for Supplier Capacity Building

UNDP | 2020

As part of the improvement of procurement process, the National Public Procurement Agency (NPPA, or LKPP) has enacted a further standardization of the trainings for procurer candidates. Aimed to promote procurers from MSME the new training modules will be tailored towards local communities and locally interested parties. The assignment involves the content development of an E-Learning module as well as the Moodle Platform in regards of the Public Procurement in Indonesia.

NIRAS has provided institutional strengthening for National Public Procurement Agency (LKPP) to support institutional growth through engagement, capacity building, and education. For LKPP, NIRAS provided the digitalization of modules for vendors to boost competence through assessments in the Learning Management System and the creation of supplementary learning materials. NIRAS assists the National Public Procurement Agency (LKPP) to develop the E-Learning Module along with a Moodle platform tailored towards local communities and locally interested parties. The module contains subject matters of Indonesia's Public Procurement, its contract systems and expected outputs. Supported by the UNDP, NIRAS helped create the LMS platform along with all the content materials. This includes the development of storyboards, provision of study videos, and digitalizing offline modules to online contents such as infographics and interactive quizzes.



Figure 1. LMS Module Page, Storyboard, and Videographic Screenshots. NIRAS for LKPP, 2020



GSMA Mobile Innovation Hub GSMA | 2022-Present

GIZ, in collaboration with GSMA through the Mobile Innovation Hub (MIH) program, aims to expedite climate mitigation and resilience actions in Indonesia by deploying mobile-enabled digital climate solutions. As part of this endeavor, GSMA has partnered with NIRAS Indonesia to facilitate the monitoring and evaluation (MEL) process, that involves measuring the program impact as well as assessing and developing a tailored MEL framework. NIRAS is also entrusted to develop methodologies to gauge the project's emission reduction and create a comprehensive data collection tool research. This project focuses on three key initiatives:

- Sustainable Energy and Green Economic Development: By leveraging internet access, the project aims to enhance usage, bridge knowledge gaps, boost productivity, and strengthen climate resilience in the Natuna regency.
- Digitalization of Waste Management: With a particular emphasis on plastic recycling and e-waste, the initiative will provide recommendations and guidance to local governments on developing and implementing a digital waste data management system in the province of Bali.
- Natural Resource Management (NRM): Participatory mapping will be employed in coastal and marine areas to monitor the impact of seagrass farming on mangroves in the Nunukan regency.

Investing in Women: Insight Panel on Urban Millennials

Department of Foreign Affairs and Trade | 2020-2023

Investing in Women (IW), an Australian government initiative, catalyzes inclusive economic growth through women's economic empowerment in Southeast Asia. Founded in 2016, IW tackles one of the most critical social and economic issues of our time: gender inequality. Women's economic empowerment is not only a fundamental aspect of promoting gender equality, but it is essential to improve the competitiveness of businesses, fuel inclusive economic growth and build equitable societies.

Main focus of IW is influencing gender norms. IW works with campaign partners to positively change attitudes and practices to support equality in the workplace and in household settings. IW's partners are particularly focused on changing the following gender norms for urban millennials in Indonesia, the Philippines and Vietnam. NIRAS helps commencing the FGDs, posting daily posts, surveys, and daily quizzes through a private face book group to expose the participants on gender norm knowledge. NIRAS also assisted in data collection, quantitative and qualitative research of the impacts of the posts; the data collected observed based on comments and most engaged posts.



Scoping on Gender-Responsive Early Warning Systems for Conflict and Disaster Preparedness

UNWomen | 2021-2022

To bridge programming in Women, Peace and Security (WPS) with Humanitarian Action and Disaster Risk Reduction (ORR), UN Women conducted scoping on opportunities for linking gender-responsive early warning systems across the humanitarian development-peace sector, with a focus on women's leadership and participation, particularly in areas experiencing both prolonged crisis and cyclical disasters, across three ASEAN countries.

NIRAS was the chosen partner to conduct a desk review on gender-responsive early warning systems in conflict and disaster contexts which focused on women's leadership and meaningful participation, coordinated with relevant regional partners to gain access to leadership of women-led CSOs in early warning systems in Indonesia, the Philippines, and Vietnam. Based on desk review and mapping, the team developed a list of key stakeholders, covering government, UN, NGO, and civil society partners, covering regional actors. Based on the consultation, NIRAS experts finalized a knowledge product showcasing case studies presented at the virtual consultation and digital report.

Disaster Risk Reduction & COVID-19 Recovery

Technical Assistance on Disaster Risk Reduction (DRR) and Gender in Indonesia

Agence France Développement | 2021-2022

Government of Indonesia (GoI) in collaboration with the Japan International Cooperation Agency (JICA) have set up the Disaster Resilience Enhancement and Management program - the DREAM program. The objective of the program is to support the implementation of disaster risk reduction related policies and strategies of the Republic of Indonesia through policy dialogue, thereby contributing to strengthening the capacity to deal with natural disasters. The purpose of the technical assistance was to reinforce the inclusion of gender equality in DRR policies at the national and local level in Indonesia. The main outcomes of the project is strengthening the monitoring of GoI commitments made in the framework of the program in terms of gender equality and raise the gender equality values, by including in the final evaluation of the program an assessment of the inclusion of gender equality in the policy actions of the program. Areas that are benefited by this project are 3 provinces from eastern parts of Indonesia that is Palu, Kendari, and Lembata.



National Consultancy for Socio-Economic Impact of the COVID-19 Pandemic on the SDGs Progress

UNDP | 2020-2021

The aim of this Socio-Economic Impact Analysis (SEIA) is to contribute to better informed policy responses that put people at the centre, especially those most impacted and left behind or risk being left behind. The SEIA is based on the UN framework for the immediate socioeconomic response to COVID-19 launched by the UN Secretary-General in April 2020. The five pillars in the guidelines for a collective UN response - health first, protecting people, economic response and recovery, macroeconomic response and multilateral collaboration, social and community resilience will be the methodology for the overall scope of the SEIA. NIRAS carried out a 'survey of surveys' of COVID-19 socio-economic impact in Indonesia that are conducted by UN Agencies and Non-UN Agencies (including the government, universities, think tanks, Development Banks, and NGOs). It provided a snapshot of existing surveys, assessment and analysis on the COVID-19 socio-economic impact as the overall framework to organize the findings (the five pillars). The final output should provide to the extent possible a more in depth impact analysis for SDGs 1, 2, 3, 4, 5, 8 and 10 while ensuring that this analysis is gender sensitive and identified areas for policy recommendations that are based on the principle of Building Back Better and Recover safely and sustainably from the pandemic.

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**Let us work together for an equal, sustainable,
and stable Asia-Pacific and the world.**

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