



COMPANY PROFILE

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Foreword from the Board of Directors



Ir. Jasman, ST.,MT.
President Director

Assalamualaikum Wr. Wb

Praise and gratitude be to God Almighty, whose blessings have been bestowed upon us all, enabling PT Kogas Driyap Konsultan (KOGAS) to successfully navigate its 35-year journey with satisfactory company performance. Through the development of various construction and construction services, KOGAS continues to enhance its integrated competencies. Market expansion is carried out through active participation in various foreign and state-owned enterprise projects, strengthening inter-corporate synergies, and optimizing its organization through talent development and standardizing efficient business processes. KOGAS strives to drive its performance to the highest possible levels.

Furthermore, KOGAS strives to increase the use of technology as an enabler to support optimal productivity. Furthermore, KOGAS is strengthening the implementation of Environmental, Social, and Governance (ESG) as a means of addressing stakeholder aspirations regarding green construction. KOGAS continues to create sustainable innovations as a form of knowledge that will be passed down to the next generation. It is fitting that all of these initiatives become a unified whole within the sustainable values that KOGAS will continue to uphold for its future growth.

We present KOGAS's journey in this Company Profile. Through this Company Profile, Partners and Clients can trace KOGAS's growth and development, including a brief history, company information, service scope, project descriptions, and a list of company experiences. We hope this Company Profile provides a snapshot of KOGAS's milestones over the past 35 years.

Wassalamualaikum Wr.Wb

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KOGAS Profile



“Committed to a Better Life”

PT Kogas Driyap Konsultan (KOGAS) is a limited liability company incorporated in Indonesia and a management and engineering consulting firm based in Jakarta. KOGAS was founded in 1990 by a group of professionals with highly educated backgrounds, extensive experience, and a strong dedication to providing consulting services in various engineering and management fields.

KOGAS is a national company that has met the International Organization for Standardization (ISO) standards for Quality Management Systems (ISO 9001:2015), Environmental Management Systems (ISO 14001:2015), and Occupational Health and Safety Management Systems (ISO 45001:2018). KOGAS offers a wide range of services to meet the demands and commitments of its partners and employers. KOGAS provides both construction and non-construction services. To expand its service area, KOGAS has branches in Jayapura (Papua) and Mataram (West Nusa Tenggara).

Vision and Mission



KOGAS continues to take several important steps, including changing the Company's core values, which aim to serve as an identity and a unifying work culture that supports sustainable performance improvement. In addition to changing the Company's core values, KOGAS is also strengthening its Vision, Mission, and Tagline in response to economic and industry conditions, as well as implementing the KOGAS Business Roadmap.

Our Vision

To Become a Large and Leading Consulting Firm

Our Mission

Participate in building the Nation through consultancy services and the welfare of Stakeholders through efficient corporate business and blessed by Allah SWT

Company Information

Company Name

PT Kogas Driyap Konsultan

Business Fields

Jasa Konsultansi Konstruksi dan Non Konstruksi

Address

Head Office : Graha Simatupang Tower 2B
2nd Floor, Jl. TB Simatupang Kav. 38 Jatipadang,
Pasar Minggu, South Jakarta 12540.
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Papua Branch Office : Jeruk Nipis No. 118 Vuria

Kotaraja - Jayapura 99225

Phone : 0967 - 582825

E-mail : kogasjayapura@gmail.com

Mataram Branch Office : Panjitar Negara No. 9

Mataram - NTB

Phone : 0370 - 632871

Legal Basis For Establishing A Business

Deed of establishment

Number 39 dated 14/03/1990 made before Mrs. Yetty Taher S.H., Notary in Jakarta, and has been ratified by the Minister of Law and Human Rights of the Republic of Indonesia with Decree 02-212-HT.01.01.Th.91.

Deed of Amendment

Number 09 Dated December 14, 2022 made before Dr. Agung Iriantoro, S.H., M.H. notary in Jakarta, and has been approved by the Minister of Law and Human Rights of the Republic of Indonesia with Decree AHU-0090 571.AH.01.02. Year 2022

Business Entity

President Commisioner : Fajar Pramusidhi Yasin
Commisioner : Ir. Subandriyo

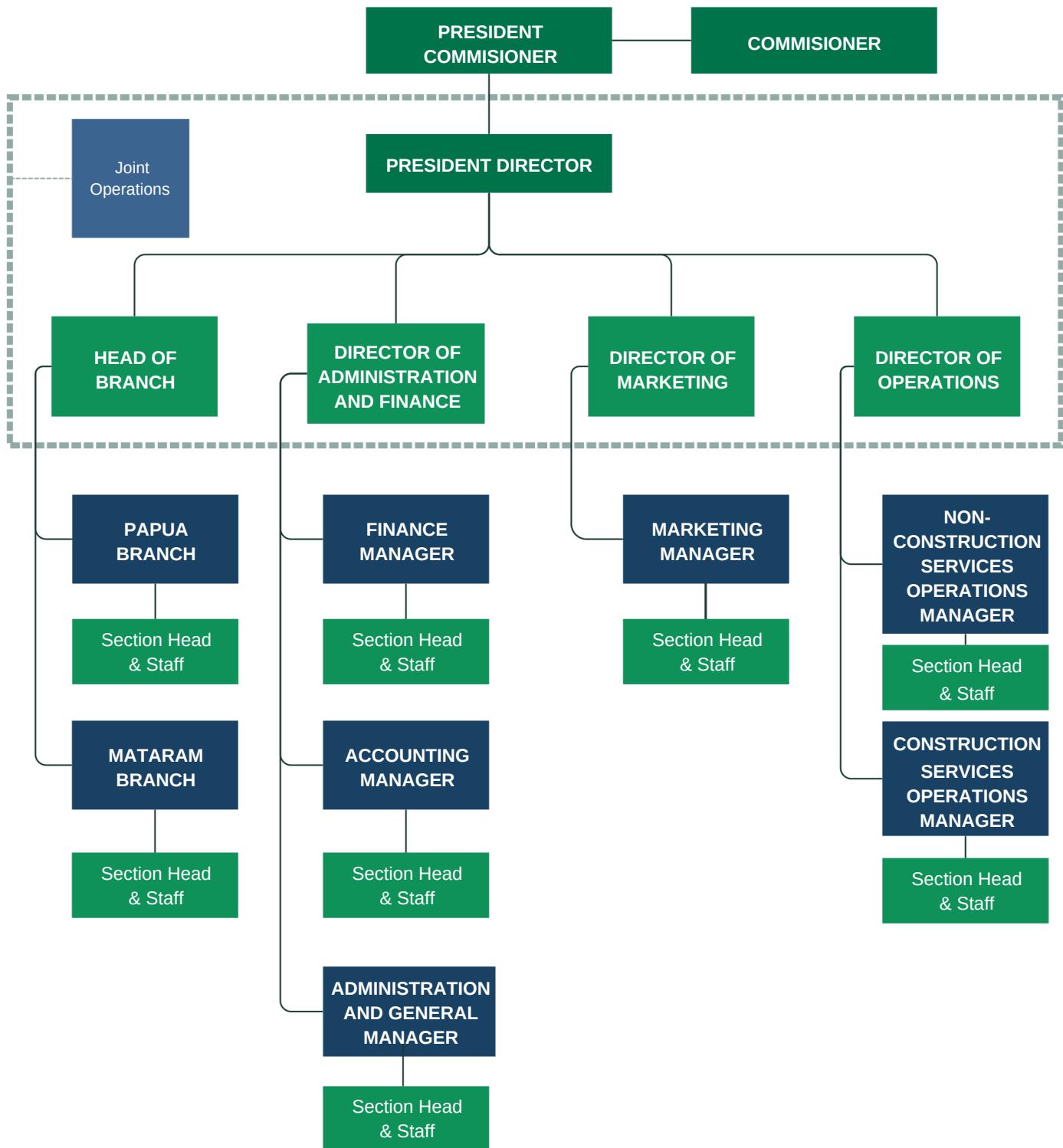
President Director : Ir. Jasman, ST., MT.
Director of Administration and Finance : Truli Rizki Andhika, SE
Direktur of Marketing : Dudu Abdullah, ST
Direktur of Operation : Sofyan Effendi, SE

Share Ownership Structure

Ir. Jasman, ST.,MT. : 7,75%
Dudu Abdullah : 4,15%
Sofyan Effendi : 4,47%
Truli Rizki Andhika : 13%
Fajar Pramusidhi Yasin : 21,50%
Subandriyo : 8%
Aisyah Afifa Muis : 4,03%
Ananda Ariesta : 1,25%
Bena Noviandari Dwi Rahayu : 4%

Bimo Aji : 7,50%
Elisa Alfeus Mandowen : 3%
Enni Indrawati : 2,25%
Ian Ferdinand Natapradja : 2,50%
Krisanti Soekrisno : 7,50%
Lili Agustina Sari : 3,25%
Nani Rochaeni : 2%
Regina Andiny Pangalila : 2%
Sherly Kohari : 1,85%

Organizational Structure



Business Entity Certification

Construction Consulting Services Field

Subklasifikasi RK001 (B)

Residential and Non-Residential Building
Construction Engineering Services
SBU Number :
F.3.01.RK.B.02.2024.0069760
Valid Until : March 31, 2027

This service sub-field includes studies, planning, design, supervision and management of construction implementation, including engineering and structural advisory and consultancy services for the construction of residential and non-residential buildings, housing, commercial, institutional, educational and industrial buildings.

Subklasifikasi RK002 (B)

Civil Engineering Services for Water
Resources
SBU Number :
F.3.01.RK.B.02.2024.0069760
Valid Until : July 21, 2027

This sub-sector of services includes studies, planning, design, supervision and management of construction implementation for civil engineering works for water resources such as dams, weirs, strengthening of cliffs and embankments, flood control infrastructure, check dam and sabo dam infrastructure, raw water and groundwater infrastructure, irrigation networks, swamps, ponds and drainage, reservoirs, lakes, reservoirs and pools, sluices, gutters, canals, embankments, groynes, coastal protection infrastructure, docks, port infrastructure, and dredging of rivers, ports, swamps, lakes, shipping lanes.

Subklasifikasi RK003 (B)

Civil Engineering Transportation
Engineering Works
SBU Number :
F.3.01.RK.B.02.2024.0069760
Valid Until : July 21, 2027

This sub-sector of services includes studies, planning, design, supervision and management of construction implementation for civil engineering works for transportation such as roads (highways, medium and small), toll roads, railways, and airstrips (runways, taxiways and parking), bridges, flyovers, underpasses and tunnels; including engineering advisory and consultancy services for Civil Engineering Works for Transportation.

Subklasifikasi RK005 (B)

Other Engineering Services
SBU Number :
F.3.01.RK.B.02.2024.0069760
Valid Until : July 21, 2027

This sub-sector of services includes studies, planning, design, supervision and management of construction related to: military engineering building works, sports facilities works, clean water processing works, residential environmental sanitation, waste water processing, fecal sludge, waste management and infrastructure and facilities for residential areas, industry, hospitals, traffic control system works including traffic control systems for land, air and sea transportation.

Subklasifikasi RT003 (M)

Industrial Process, Production and
Production Facilities Construction
Engineering Services
SBU Number :
F.3.01.RT.M.02.2025.0069760
Valid Until : April 21, 2028

This sub-sector of construction services encompasses construction engineering for industrial processes, production, and production facilities. These services include the study, planning, design, supervision, and management of construction operations related to production process engineering

Non-Construction Consulting Services Sector

Agricultural and Rural Development Sector

Social Infrastructure and Community Development Sub-Sector
Agricultural Credit and Institutions Sub-Sector
Plantation and Agricultural Mechanisms Sub-Sector
Nurseries Sub-Sector
Plant Pest/Disease Control Sub-Sector
Livestock Sub-Sector
Forestry Sub-Sector
Fisheries Sub-Sector
Perennials & Food Crops, & Other Plant Products Sub-Sector
Conservation and Reforestation Sub-Sector
Other Agricultural and Rural Development Sub-Sectors.

Transportation Sector

Transportation Facility Development Sub-Sector
Industry and Trade Sector
Industry Sub-Sector
Mining and Energy Sector
Economics and Energy Conversion Sub-Sector
Education Sector
Education Systems and Evaluation Sub-Sector
School Organization/Administration Sub-Sector
Health Sector
Public Health and Health Research Sub-Sector
Population Sector
Population Programs and Women's Role Development
Programs Sub-Sector
Extension, Education, and Communication Sub-Sector
Study, Research, and Technical Assistance Services
Technical Assistance Services
Management Consulting Services
Human Resources Training and Development

ISO Certification

ISO45001 : 2018

Occupational Health and Safety Management System (SMK3)
Approval Number : ISO 45001 - 00014855
Certification Agency : Lloyd's Register LRQA

ISO9001 : 2015

Quality Management System/QMS
Approval Number : ISO 9001 - 0044410
Certification Agency : Lloyd's Register LRQA

KADIN Membership Number

20203-96022191/16-7-1996 KADIN DKI Jakarta

INKINDOMembership Number

2890/P/0935.DKI

Scope of Services



PROJECT MANAGEMENT

The scope of project management services includes: (1) community empowerment; (2) increasing institutional capacity; (3) technical guidance on operational management functions, infrastructure, agronomic and agricultural processing.



TECHNICAL PLANNING

The scope of technical planning services includes: (1) detailed engineering design (DED); (2) basic engineering design (BED); (3) architectural studies; (4) architectural pre-design; (5) building feasibility studies; (6) building and environmental layout design



CONSTRUCTION SUPERVISION AND MANAGEMENT The scope of Construction Supervision and Management services includes design, engineering, management, supervision and control services for: (1) residential and non- residential building construction work; (2) water resources civil engineering work; (3) mechanical and electrical work; (4) transportation civil engineering work; (5) technical facilitation of construction sector infrastructure facilities.



STUDIES, RESEARCH AND TECHNICAL ASSISTANCE

The scope of services includes the following activities: (1) regional, spatial and urban studies and research; (2) infrastructure planning and studies; (3) operational assistance and guidance.



SURVEYS AND MAPPING

The scope of services includes the following activities: (1) hydrological and geological studies and studies; (2) geological, seismic and geophysical surveys; (3) hydrological surveys; (4) geodetic surveys including boundary and land survey activities, and (5) spatial information and cartography activities including mapping.



EVENT ORGANIZER AND TRAINING

Event Organizer Services in the MICE (Meeting, Incentive, Convention, and Exhibition) and Training sectors include planning, managing, and executing events, as well as providing accommodation, transportation, and various other supporting services. They also contribute to increasing knowledge and skills in various institutional and management aspects.



KOGAS' EXPERIENCE IN
Project Management

KOGAS has experience in handling large-scale, multidisciplinary, and cross-sector management consulting projects, funded by both domestic and international funding. Since its founding in 1990, KOGAS has implemented more than 300 management projects with a total value of over US\$80 million and an average annual revenue of approximately US\$4 million. KOGAS's partners in Project Management activities include the Ministry of National Development Planning/Bappenas, the Ministry of Public Works and Public Housing (PUPR), the Ministry of Home Affairs, the Ministry of Villages and Development of Disadvantaged Regions and Transmigration (DVDD), the Ministry of Education, Culture, Research, Technology, and Higher Education (Kemendikbud), the Ministry of Agriculture, the World Bank, the Asian Development Bank (ADB), and the Islamic Development Bank (IsDB).

SPL: Consulting Services for The Management Monitoring on Guidance, Supervision, Extension, Monitoring and Evaluation for FCPD Program Under SPL-OECF INP-22

One of the largest projects ever undertaken by KOGAS was the Consulting Services for the Management and Monitoring of the Food Crops Development Project (SPL-JBIC loan), valued at IDR 164 billion, equivalent to USD 23 million. The objective of the Agricultural and Forestry Sectoral MMC was to establish an effective planning mechanism capable of responding quickly, transparently, and inclusively to needs identified by farming and fishing communities most affected by the crisis. Projects would be identified at the local level based on community needs. This project covered 23 provinces and 204 regencies/municipalities across Indonesia, engaging 2,143 MM professional experts and 7,623 MM sub-professionals over an 18- month period. The scope of activities included assistance, capacity building, planning, implementation, and supervision of agricultural infrastructure construction



Administration Services Firm (ASF) For Regional Management Professional Specialists PNPM Mandiri Perdesaan



At the Ministry of Home Affairs, KOGAS has also been entrusted several times to carry out community empowerment and regional development activities, particularly in enhancing the capacity of local governments in the context of regional autonomy development. These include: (1) the Administration Services Firm (ASF) for Regional Management Professional Specialists PNPM Mandiri Perdesaan Region V with a total contract value of IDR 52 billion, and (2) the Sustainable Capacity Building for Decentralization Project in Districts, funded by the ADB, in Pemalang Regency (Central Java), Brebes Regency (Central Java), West Lombok Regency (West Nusa Tenggara), and West Nusa Tenggara Province, with a total value of approximately IDR 28 billion, supported by the ADB.

Regional Oversight Management Services (ROMS) - 6 IBRD 8259 ID (Third Water Supply And Sanitation For Low Income Communities- WSLIC3/ Pamsimas

At the Ministry of Public Works and Housing (PUPR), KOGAS was also entrusted with implementing the PAMSIMAS Program, a Community-Based Drinking Water and Sanitation Program aimed at improving community access to safe and sustainable drinking water and sanitation, particularly in rural areas. The program involves active community participation in the planning, construction, and management of drinking water and sanitation systems. It has been running for many years and has made a positive impact on communities in various regions across Indonesia. Projects handled include: Regional Oversight Management Services (ROMS) – 16 in Central Sulawesi Province and Southeast Sulawesi Province, with a contract value of USD 6,928,086 or IDR 92,808,640,493 over 59 months; and Regional Oversight Management Services (ROMS) – 14 in North Sulawesi Province and Gorontalo Province (+Amendment No. 10), with a value of USD 4,680,194 or IDR 62,695,877,956





KOGAS' EXPERIENCE IN **Technical Planning**

Integrated Work of Dam Sediment Dredging, Lader Discharge, Spoil Bank

In the construction design sector for civil engineering works in water resources (dams), KOGAS, in collaboration with PT Waskita Adhi Sejahtera (Construction Services Contractor), was entrusted with carrying out the Tangga Dam Sediment Dredging and Spoilbank Disposal project. This work was implemented in an integrated design-and-build scheme, consisting of technical planning for the dredging design, sediment design, and spoilbank design, as well as the construction of the spoilbank and the dredging of Tangga Dam. The purpose of this activity was to increase the storage capacity of the Tangga Reservoir by relocating 400,000 m³ of sediment to the spoilbank.



The Tangga Reservoir dredging project falls within the administrative area of Tangga Village, Aek Songsongan District, Asahan Regency, North Sumatra Province.

The Tangga Reservoir dredging zone has been designated as two locations: dredging location 1, which covers the dam body up to 140 meters upstream. Dredging location 2, which covers the dam body, extends 450 to 400 meters upstream.

The target volume for dredging area 1 is approximately 115,000 m³ of sediment, which will be discharged into Spoil Bank SB3. The target volume for dredging area 2 is 285,000 m³, which will be discharged into Spoil Bank SB5. According to a study by Nippon Koei, the annual sedimentation volume in the dredging area is 37,891 m³.

The initial dredging method design used a submersible dredge pump with a pontoon with a sediment capacity of 82.5 m³/hour of sediment (460 m³/hour of slurry), with an effective dredging operation of 13 hours per day. Therefore, the dredging operation required 400,000 m³ of reservoir sediment over 15 months.

The initial design for Spoil Banks SB3 and SB5 utilized the former spoil bank area of the Asahan 3 Hydroelectric Power Plant project. The construction design for Spoil Banks SB3 and SB5 utilized an earthen embankment using anchored gabion technology, utilizing local soil and rock materials. The average embankment height was 10 m, equipped with drainage.



Planning for the Development of a Demonstration Farming and Regional Training Center in Fiji



In the institutional/government building planning sector, KOGAS was entrusted by the Ministry of Agriculture to carry out the planning for the construction of a Demonstration Farming site and a Regional Training Center in Fiji. The construction of the Regional Training Center in Fiji included the main office building, dormitories, a restaurant, classrooms, a multipurpose hall, laboratories, an agricultural tools and machinery workshop, a library, a post-harvest machinery building, a garage for agricultural equipment, a generator house, and a waste management facility. The Demonstration Farming site was designed as a model plot for agricultural production (tubers, vegetables, and rice fields) with an area of about 0.3 hectares per plot. The development of the demonstration farm also included embankments, farm roads, and irrigation channels.

In addition to the planning work, the scope of activities included conducting academic and technical studies on several matters, namely: (1) The role of the Government of Indonesia in international cooperation (particularly with Fiji and the Pacific region in general); (2) A study of the conditions and policies of the Government of Fiji in agriculture, food security, agro-tourism, and the development of supporting human resources; (3) An analysis of capacity-building needs in agriculture and food security in Fiji and the Pacific region, including the types of training and target participants for the Regional Training Centers (RTCs) and demonstration farms (denfarms)

Planning for the Development of a Drinking Water Supply System (SPAM) for Permanent Residential Areas (Huntap) in Central Sulawesi

In the area planning sector, KOGAS carried out the planning work for the development of a Drinking Water Supply System (SPAM) for Permanent Housing Areas (Huntap) in Central Sulawesi. This work was in response to Presidential Instruction No. 10 of 2018 on the Acceleration of Post-Disaster Rehabilitation and Reconstruction following the earthquake and tsunami in Central Sulawesi Province and other affected areas. In addition to housing that meets standards, other supporting infrastructure also needed to be functional, such as street lighting and electricity, drainage, neighborhood roads, the Drinking Water Supply System (SPAM), the Centralized Domestic Wastewater Treatment System (SPALDT), waste management facilities, and green open spaces (RTH).

The scope of planning work for the Drinking Water Supply System (SPAM) in the Permanent Housing Area (Huntap) in Central Sulawesi included: 1) Conducting a topographic survey and preparing the Detailed Engineering Design (DED) documents for transmission and distribution pipelines; 2) Preparing DED documents for household connection works (SR); 3) Preparing DED documents for deep wells and pumps; 4) Preparing the bill of quantities (BoQ) and cost estimates; 5) Preparing DED calculation plans for the construction of deep wells, pipelines, and household connections (SR); 6) Preparing tender documents for implementation, including technical specifications.



Detailed Engineering & Design/DED for Minangkabau Airport Apron Expansion

In the transportation planning sector (airports), KOGAS, in partnership with PT Angkasa Pura II, carried out the Detailed Engineering & Design (DED) work for the expansion of the Minangkabau Airport apron, covering an area of 437,283.36 m². The work included: 1) Planning for the construction of the apron structure; 2) Planning for the construction of the taxiway and rapid exit structures; 3) Planning for the shoulders, drainage, strip, and electronics.



PGN Cilegon Area Office Planning

In the planning work of government agency buildings, KOGAS has been trusted by PT Perusahaan Gas Negara (Persero), Tbk. SBU Region I, or abbreviated as PGN SBU I, a company engaged in Natural Gas Distribution. To support the spirit of environmental care in carrying out building planning, KOGAS involves personnel who have Green Professional Certified, Kogas considers aspects of environmentally friendly design. For interior design, using environmentally friendly materials and reducing excessive electricity use. While in the exterior design avoids the use of hazardous building materials and is replaced with environmentally friendly ones. For building designs that fall into the category of state buildings, KOGAS always adheres to applicable rules.



Preparation of Preliminary Engineering Design Documents for Experimental Power Reactors (RDE)



In the energy sector, KOGAS was entrusted by BAPETEN to carry out the preparation of the Preliminary Engineering Design (PED) documents for the Experimental Power Reactor (RDE). This work was carried out through a joint operation (KSO) with PT Rekayasa Engineering as the lead firm, PT Kogas Driyap Konsultan, and NUKEM Technology – Germany. The project site is located within the Science and Technology Research Center (Puspiptek) area, the largest research complex in Indonesia, known as the Puspiptek Area.

The Experimental Power Reactor (RDE) is categorized as a Non-Commercial Power Reactor (RDNK). It is expected to have multiple uses, including electricity generation and co-generation research for the development of new and renewable energy (NRE) such as hydrogen production, coal gasification and liquefaction, as well as other applications like desalination, mineral processing, and more—making it a multipurpose power reactor (RDG). This activity represents Phase 1 of the five-phase RDE development plan. The current phase being carried out is the pre-project phase (Phase 1), which involves comprehensive project preparation, including project feasibility studies and preliminary engineering design.

The scope of work for this project includes: (1) Conducting the RDE Project Feasibility Study; (2) Preparing the Conceptual Design; (3) Developing the FEED (Front End Engineering Design); (4) Preparing the Design Information Document (DID) in accordance with BAPETEN regulations; (5) Preparing the Reactor Main Data (DUR) in accordance with BAPETEN regulations; (6) Preparing the Safety Analysis Report (SAR) in accordance with BAPETEN regulations; (7) Preparing the EPC tender documents.



KOGAS
COMMITTED TO BETTER LIFE

KOGAS' EXPERIENCE IN

Construction Supervision and Management

Construction Management of RDF Plant Development Jakarta



The Construction Management work for the Jakarta RDF Plant was carried out through a joint operation (KSO) between KOGAS, PT Yodya Karya, and PT Amythas. The project site for the construction of the Jakarta RDF Plant is located in Rorotan Village, Cilincing District, North Jakarta Administrative City, DKI Jakarta Province. In the 2021–2022 fiscal year, the Provincial Government of DKI Jakarta initiated the development of a Landfill Mining and RDF Plant Waste Processing Facility at the Bantar Gebang Integrated Waste Processing Site (TPST). The facility has a capacity of 2,000 tons per day, processing 1,000 tons per day of old waste and 1,000 tons per day of new waste. The waste processing into RDF at TPST Bantar Gebang produces around 700 tons per day of RDF, which is utilized by cement plants as fuel in their production processes.



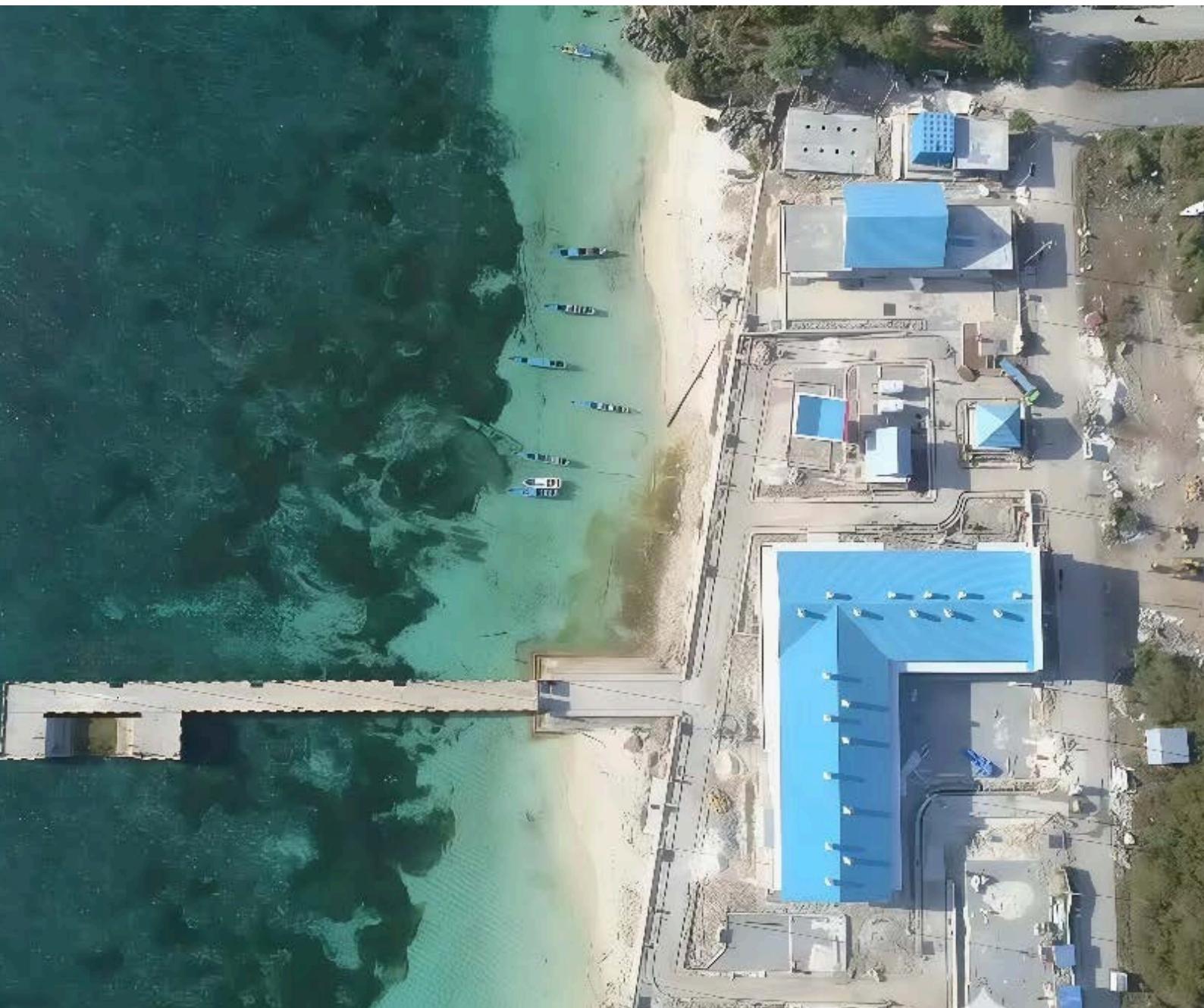
Reviewing the potential of RDF technology in waste management within the DKI Jakarta area, as well as the potential utilization of RDF by offtakers to promote a circular economy, the Provincial Government of DKI Jakarta, through the Environmental Agency, has planned the construction of similar facilities. The construction of the Jakarta RDF Plant is considered a complex project because it involves the use of specially designed equipment. Based on this, the Jakarta RDF Plant for the 2024 fiscal year will be built under a Design and Build scheme. The facility will process new waste with a capacity of 2,500 tons per day, producing a minimum of 875 tons per day of RDF to be used by cement plants. This will be the second such facility owned by the Provincial Government of DKI Jakarta.



Supervision of the Development of Tiakur Fisheries Port SKPT Moa

In the port sector, KOGAS, together with PT Ciria Expertindo, carried out the supervision work for the construction of infrastructure and facilities at the Tiakur Fishing Port, SKPT Moa. This project was funded by a grant from the Government of Japan in the form of direct Grant Budget Support Aids (GBSA) under the 2018 Japanese ODA Grant to the Ministry of Marine Affairs and Fisheries (KKP). The project is part of efforts to develop maritime border areas and the marine and fisheries sector. Fishing ports play an important role in supporting fishing activities, providing facilities for fishing vessels, and serving as centers for fisheries business activities.

The construction of the Tiakur Fishing Port, SKPT Moa, is a project aimed at providing facilities and infrastructure to support fishing activities in the area. The project includes the construction of various facilities such as docks, water basins, and navigation channels, as well as other functional and supporting facilities. This fishing port is expected to become a center for fisheries economic activities in the region, from fish landing to marketing.



This project includes the construction of various facilities such as docks, water pools, and waterways, as well as other functional and supporting facilities. This fishing port is expected to become the center of fisheries economic activities in the region, from fish landing to marketing. The following are several important points related to the construction of the Tiakur SKPT Moa Fishing Port: (1) Development Objectives: This fishing port was built to support fisheries activities in the Moa region, Southwest Maluku, by providing complete facilities for fishing vessels, including mooring, anchoring, and loading and unloading of fish, (2) Facilities Built: Construction includes basic facilities such as docks, water pools, and waterways, as well as functional facilities such as offices, clean water supply, electricity, and fish handling facilities. In addition, supporting facilities such as guard posts and toilets were also built, (3) Authority: The construction and management of this fishing port is the authority of the regional government, in this case the Southwest Maluku Regency Government, (4) Role of the Fishing Port: The fishing port has an important role in the regional economy, because it is the center of fisheries economic activities, from fish landing to marketing.



Construction Management for the Marina Waterfront and Liya Palace Area Development of the Wakatobi KSPN



The Integrated and Sustainable Tourism Development Program (P3TB) aims to improve the quality and accessibility of basic services and infrastructure related to tourism, strengthen the link between the local economy and tourism, and encourage private investment in priority tourist destinations. The Phase II development of the Wakatobi National Tourism Strategic Area (KSPN) is part of the support for the National Tourism Development Master Plan 2010–2025 (Government Regulation No. 50/2011), which designates Wakatobi as one of the priority tourism destinations. Under Presidential Regulation No. 3 of 2016 on the Acceleration of National Strategic Project Implementation, Wakatobi was designated as one of the 10 National Tourism Strategic Areas (KSPN).

The Waterfront Marina area is divided into five zones. Zone 1 is designated for the construction of a pedestrian zone or promenade at Bukit Pramuka. Zone 2 is for the construction of a promenade in Kampung Air, and Zone 3 is for the development of a plaza and public space. Next, Zone 4 is for the construction of a promenade that is also part of the hotel plaza, while Zone 5 is for the construction of a promenade (pedestrian walkway) with a cantilever structure.



The Phase II development of the Wakatobi National Tourism Strategic Area (KSPN) is expected to improve the quality and accessibility of basic tourism-related infrastructure services, boost the local economy, encourage private investment in Wakatobi Regency, and establish a tourism industry capable of driving the national economy. The objective of this Construction Management work is to ensure that construction activities comply with the Integrated and Sustainable Tourism Development (P3TB) Guidelines and address the social and environmental impact standards outlined in the POM and ESMF documents established by the World Bank.



Consulting Services for Regional SPAM Implementation Consultants (IC) Wosusokas

In the field of Water Resources and Sanitation Development, KOGAS has also contributed through the project/program: KfW (Project ID BMZ No. 301000736) – Regional Water Supply System Wosusokas Consulting Services for Project Implementation. The “Wosusokas Regional Drinking Water Supply System” project (Wosusokas = Wonogiri, Sukoharjo, Solo, and Karanganyar), supported by German Financial Cooperation through a loan of up to EUR 75 million from KfW, aims to improve water supply and access in these regencies and city, as well as to enhance the living standards of the community through this program. The project will contribute to the “100-0-100” initiative and support the United Nations Sustainable Development Goal (SDG) 6.1, which targets universal and equitable access to safe and affordable drinking water for all by 2030.







The Wosusokas Regional Drinking Water Supply System (SPAM Regional Wosusokas) is planned to meet the drinking water needs of Wonogiri Regency, Sukoharjo Regency, Surakarta City, and Karanganyar Regency in Central Java Province, Indonesia. Its raw water source comes from the Gajah Mungkur Reservoir in Wonogiri Regency. Construction of the SPAM Regional Wosusokas began in stages in 2023, covering both production and distribution units, with a total investment of IDR 1.3 trillion. The production unit includes the construction of the Gajah Mungkur Water Treatment Plant (IPA) with a capacity of 750 liters/second, at a cost of IDR 244.8 billion.

Phase 1 of the SPAM Regional Wosusokas development aims to improve the quality of life for communities in the service area by building infrastructure such as the 750 liters/second IPA, the Main Distribution Network (JDU), and 60,000 household connections (serving about 240,000 people), providing water services that meet the principles of quality, quantity, continuity, and affordability.

The construction of the Main Distribution Network Section 4 and Distribution Reservoir includes: (i) Development of the Main Distribution Network, distribution reservoirs with capacities of 5,000 m³, 2,000 m³, and 1,000 m³ made from glass-fused steel, along with a chemical storage building, pumps, generators, an operations office, and an equipment workshop; (ii) Related mechanical and electrical equipment; (iii) Supporting facilities such as staff/security buildings, gates and fences, drainage channels, a prayer room (mushola), landscaping around the installation, lighting systems, and more. To support the full operation of the system both the Main Distribution Network and the reservoirs the project also includes the installation of a SCADA system. In addition to three water treatment units (IPA) each with a capacity of 250 liters/second, the budget also covers the construction of a 3,500 m³ reservoir, operations office, SCADA/control room, chemical storage, generator house, pump house, workshop, hazardous waste (B3) building, four sludge drying beds (SDB), guard houses, and prayer facilities. The Gajah Mungkur IPA construction is being carried out by PT Adhi Karya.





The construction work for the Main Distribution Network Section 4 and Distribution Reservoir includes: (i) Construction of the Main Distribution Network; distribution reservoirs with capacities of 5,000 m³, 2,000 m³, and 1,000 m³ made from glass-fused steel; a chemical storage building; pumps; generators; an operations office; and an equipment workshop; (ii) Associated mechanical and electrical equipment; (iii) Supporting facilities, including buildings for staff/security, gates and fencing, drainage channels, a prayer room (mushola), landscaping around the installation, lighting systems, and other amenities. To support the full operation of the system namely the Main Distribution Network and the Reservoir the project will also include the installation of a SCADA system.

In addition, four distribution unit segments were also constructed, namely: the construction of the Public Distribution Network (JDU) Segment 1 and a Distribution Reservoir to serve 8,000 household connections (SR) in two districts of Wonogiri Regency. This package was carried out by contractor PT Brantas Abipraya with a state budget (APBN) allocation of IDR 235.6 billion. Next, JDU Segment 2 and a Distribution Reservoir, benefiting 4,000 SR in two districts of Wonogiri Regency, were built by PT Wika-Gemilang (KSO) at a value of IDR 289.6 billion. The construction of JDU Segment 3 and a Distribution Reservoir to serve 20,000 SR in three districts of Sukoharjo Regency was undertaken by PT PP-Selaras (KSO) with a contract value of IDR 260.8 billion. The Regional Wosusokas SPAM JDU Segment 4 and Distribution Reservoir were built to serve 28,000 SR, covering one district in Sukoharjo Regency, two districts in Surakarta City, and two districts in Karanganyar Regency. Segment 4 was executed by PT Wika-Gemilang (KSO) with a contract value of IDR 263.4 billion. The raw water source for the Regional Wosusokas SPAM, currently managed by PT Tirta Utama Jawa Tengah (Perseroda), comes from the Gajah Mungkur Reservoir and is channeled through the Silo Intake, which was constructed by the Directorate General of Water Resources (SDA) of the Ministry of Public Works in 2016–2018.



Technical Management Consultant (TMC) Package-6 National Slum Upgrading Program (NSUP) Loan IBRD No. 8636-Id & Asian Infrastructure Investment Bank (AIIB), Loan No. 0004-IDN

The National Slum Upgrading Program (NSUP) is an Indonesian government initiative to improve access to infrastructure and urban services in slum areas. The program is also known as KOTAKU (Cities Without Slums). Its objectives include: 1) Improving access to infrastructure and basic services in slum settlements; 2) Enhancing the environmental quality of slum settlements; 3) Encouraging community participation in slum area upgrading; 4) Creating livable and sustainable settlements.

The scope of TMC activities includes: (1) Providing technical assistance to the Project Management Unit (PMU) in preparing designs for primary/secondary infrastructure projects; (2) Ensuring compliance with environmental and social safeguards throughout all stages of project implementation; (3) Supporting the procurement process at the provincial level; (4) Supervising the entire project implementation for approximately 24 months. .



The planning activities include: (1) Planning for the Tadulako University Multipurpose Building; (2) Design planning for the Tadulako University Rehabilitation Stage 1b; (3) Design planning and supervision for the construction of permanent housing (Huntap) in Duyu and Pombewe; (4) Design planning for the rehabilitation of Anutapura Hospital and Undata Hospital; (5) Landscape planning for the BPKP Building; (6) Planning for the construction of the Provincial Prosecutor's Office Building; (7) SPAM – Pombewe Huntap (1,500 units); (8) Planning for the construction of intake, transmission pipelines, and reservoir in Pombewe; (9) Distribution network and household connections (SR) project – Tondo-1 (1,800 units); (10) SPAM network works for Balaroa Satellite Huntap; (11) SPAM – Duyu Huntap (230 units); (12) Land clearing and development for Tondo-2 (65.31 ha); (13) LC/LD planning for Talise (42.51 ha); (14) LD planning for Pombewe.

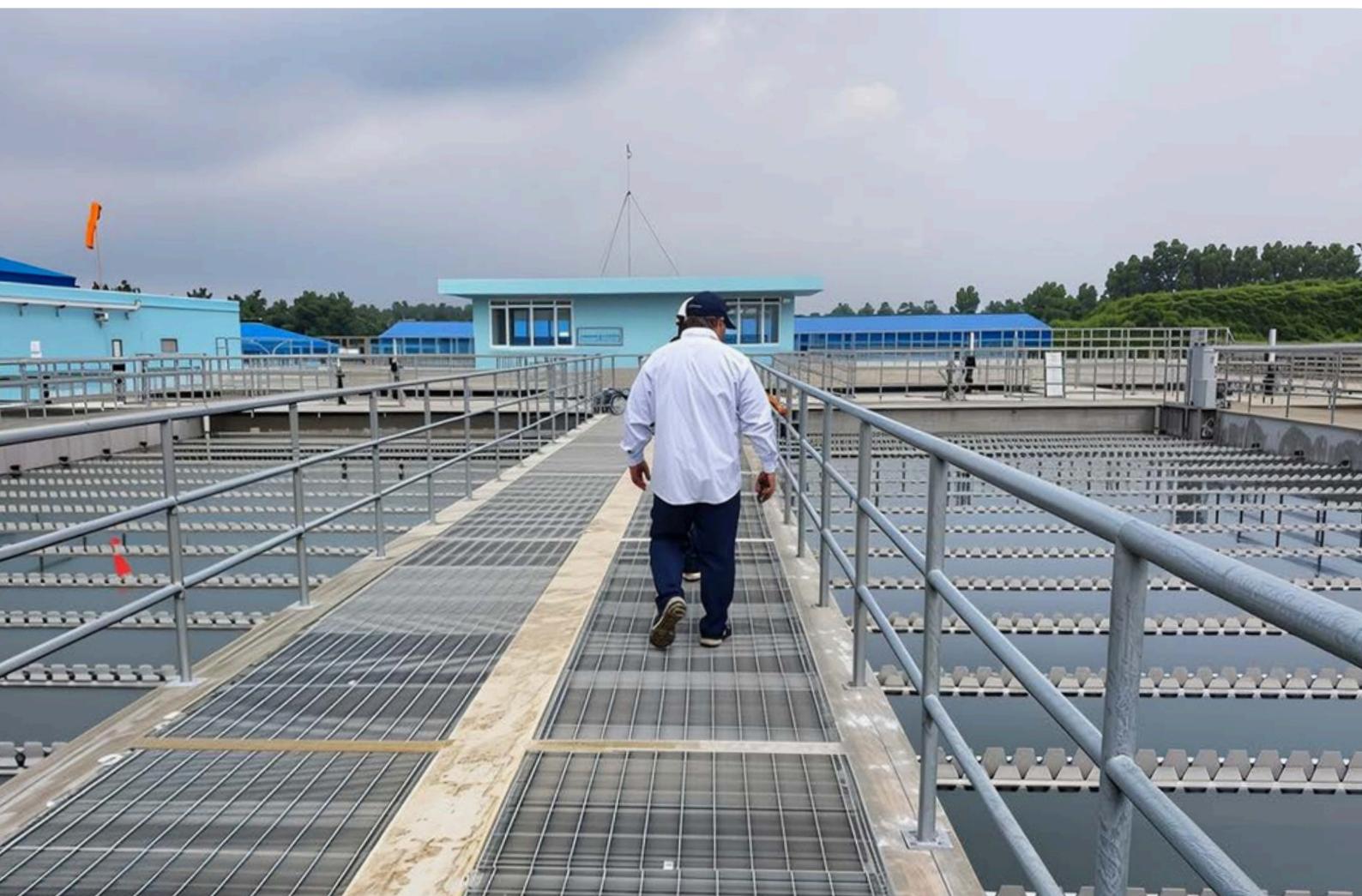
The supervision activities include: (a) LD supervision in Pombewe; (b) Supervision of land clearing and development for Tondo-2 (65.31 ha); (c) LCLD supervision in Talise; (d) Supervision of the construction of intake, transmission pipelines, and reservoir in Pombewe, Duyu, Balaroa, and Tondo-1; (e) Supervision of SPALDT & TPS3R in Duyu Huntap; (f) Supervision of infrastructure in Huntap.



Independent Supervision Consultant (KPI) for the Public-Private Partnership (PPP) Project for the Drinking Water Supply System (SPAM) in Bandar Lampung City

In the drinking water sector, from 2014 to 2019 KOGAS carried out project supervision for the Government-Business Entity Cooperation (KPBU) Drinking Water Supply System (SPAM) in Bandar Lampung City. The project covered the financing and construction of an 825 L/s capacity intake, a 750 L/s Water Treatment Plant (IPA), transmission pipelines, a 10,000 m³ reservoir, and distribution pipelines. PDAM Way Rilau, as the Government Contracting Agency (PJKP) — later converted into the Regional Public Drinking Water Company (Perumda) Way Rilau — applied a take-or-pay tariff scheme with a 25-year concession period. The Bandar Lampung KPBU SPAM project began operation on 12 August 2020, implemented by PT Adhya Tirta Lampung as the Executing Business Entity (BUP).

The scope of work included: (1) Supervision, monitoring, and inspection of works, as well as design and construction review; (2) Implementation of control and oversight for the accelerated provision of the Bandar Lampung SPAM, from preparation and construction phases to operational readiness; (3) Ensuring the construction process met quality standards, was on budget, on time, and compliant with regulations (4) Documentation and dissemination of results from construction to post-construction stages, including operational readiness.





Construction Management of the Rectorate Building, Lecture Halls and Dormitories of the PEPI Campus

Pada Sektor Bangunan Pendidikan, KOGAS melalui Unit Kerja Politeknik Pembangunan Pertanian (Polbangtan) Bogor di bawah Kementerian Pertanian melaksanakan Pembangunan Politeknik Enjiniring Pertanian Indonesia (PEPI) yang berorientasi sebagai pusat penyedia dan pusat pengembangan sains dan enjiniring yang unggul. Untuk menunjang kegiatan belajar mengajar, akan dibangun gedung Rektorat dalam Komplek Politeknik Enjiniring Pertanian Indonesia (PEPI). Bangunan gedung Rektorat dibangun setinggi 3 (tiga) lantai dengan pondasi yang dipersiapkan untuk 10 lantai dengan fasilitas ruangan berupa: Aula (Ruang Serbaguna), Ruang Rektorat (Ruang Direktur dan Ruangan Wakil Direktur), Ruangan Rapat, Ruang Administrasi Umum dan Administrasi Akademik dan Kemahasiswaan







Construction Management of Apple Residences

In the residential building sector, during the 2018–2020 period, KOGAS carried out construction management work for the Apple Residence. The scope of work consisted of three stages: the Design Review Stage, the Project Implementation Stage, and the Project Completion Stage.



Construction Management of the 4-Story General Lecture Building and 4-Story Engineering Laboratory Building at the Sumatra Institute of Technology (ITERA)

The construction of a four-story General Lecture Building and a four-story Engineering Laboratory Building at the Sumatera Institute of Technology (ITERA) was part of KOGAS's construction management services. The project site is located within the ITERA campus area in the Jati Agung Integrated City, South Lampung Regency, Lampung Province.



Project Management And Supervision Consultant (PMSC) Unsyiah

In the Project Management and Supervision Consultant (PMSC) project for Syiah Kuala University (UNSYIAH), KOGAS, as the construction supervision service provider, was responsible for monitoring, controlling, and overseeing the construction of 13 facilities (including lecture halls, laboratories, practice rooms, a data center, and other supporting infrastructure) with a total floor area of over 37,000 m². These facilities served the Faculty of Mathematics and Natural Sciences, the Faculty of Marine and Fisheries, and the Faculty of Veterinary Medicine. The physical construction budget amounted to 327 billion rupiah, funded by the Islamic Development Bank (IsDB) through the Ministry of Research, Technology, and Higher Education



Syiah Kuala University (UNSYIAH), the oldest university in Aceh Province, plays a vital role and carries a strong mission in advancing education in the region. Its focus includes: 1) delivering the three core aspects of higher education—quality teaching and learning, research activities, and community service, 2) supporting regional and local development to accelerate reconstruction efforts, including economic recovery following the tsunami and conflict in Aceh, and 3) collaborating with communities to improve the economy and public welfare. To achieve these goals, a strong foundation of knowledge is needed so that the community can adapt to advanced technology and responsibly utilize natural resources. Through the Development and Enhancement Project of Seven Universities to improve the quality and relevance of education in Indonesia, UNSYIAH is positioned to become a leading center for modern science and technology in Sumatra. The aim is to ensure stable energy and food supplies while preparing communities to face natural disaster risks.

This university development project aims to prepare higher education graduates in science who possess strong intellectual and professional capabilities across various disciplines aligned with national development needs. The policy direction focuses on producing graduates who can meet the quality standards of human resources required to support Indonesia's growth in the era of industry and information technology, with special attention to the increasing demand for education in science and technology. The project's emphasis is on strengthening the community's foundational knowledge through the development of the Faculty of Mathematics and Natural Sciences (FMIPA), the Marine Science Program, and the Faculty of Veterinary Medicine (FKH).



Consulting Services for Project Management and Supervision Consultant (PMSC) IAIN Ar-Raniry

In the Rehabilitation and Reconstruction program of the State Islamic University (IAIN) Ar-Raniry Aceh, KOGAS was entrusted to serve as the Project Management and Supervision Consultant (PMSC), funded by the Islamic Development Bank (IDB).



Construction Management of Fishing Port Development and Land Development in Gugop (Continued)

In the port and airport sector, some of the projects carried out by KOGAS include the Supervision of Port Construction in Sabang and the Construction Management of the Fishing Port Development and Land Preparation in Gugop.



CM Consultant for KP-USB, P2-Satap and PRS Cluster 5 of West Kalimantan Province

Furthermore, KOGAS has also played a role in the planning, rehabilitation, and construction of elementary schools under the Block Grant for New School Units (BG USB) and One-Roof Schools (SATAP). KOGAS's service coverage for this work includes the provinces of Bengkulu, Jambi, West Sumatra, Riau, Riau Islands, and West Kalimantan.



Provision Of Personnel & Services For Project Management Units Relating To Tsunami Reconstruction, Indonesia

After the tsunami in Aceh, which destroyed much of the region's infrastructure and residential housing, KOGAS was entrusted by the Rehabilitation and Reconstruction Agency (BRR) to manage the reconstruction of Aceh through Project Procurement Technical Assistance, Quality Assurance, and Monitoring services funded by international aid. The purpose of these services was to ensure quality and monitoring for all construction and reconstruction projects carried out under the budget of the Aceh-Nias Rehabilitation and Reconstruction Agency (BRR), to develop an information system for Quality Assurance (QA) and monitoring, and to prepare programs.



Construction Management of the Irradiator Development of Puspitek Serpong, Tangerang – Banten - Indonesia

In the field of Renewable Energy (Energi Baru dan Terbarukan/EBT), KOGAS has been involved in several contracts with the National Nuclear Energy Agency (BATAN) for consultancy services in supervising site preparation activities for a Nuclear Power Plant (PLTN) on Bangka Island, Bangka Belitung Province. KOGAS was again entrusted by BATAN to handle two key projects: (1) Construction Management Consultancy Services for the development of an Irradiator; (2) Consultancy Services for preparing the Preliminary Engineering Design (PED) documents for the Experimental Power Reactor (RDE). Below is a brief overview of the projects handled by KOGAS for BATAN.



Through a multi-year contract between KOGAS and BATAN, Construction Management services were provided for the development of an Irradiator facility. The project aimed to address issues related to the availability of reliable, safe, efficient, and cost-effective phytosanitary, preservation, and sterilization technology. The National Nuclear Energy Agency (BATAN) developed the Irradiator facility utilizing gamma radiation (gamma irradiator) technology



The benefits of the Irradiator facility cover various applications, including the sterilization and preservation of food products, medicines, and medical equipment. Preservation technology using gamma irradiation is a cutting-edge method that is gaining interest due to its advantages over conventional techniques. These advantages include an effective and efficient irradiation process, the absence of chemical residues in irradiated products, and no environmental contamination. The project site is located within the Puspitek Science and Technology Research Center, the largest research complex in Indonesia, widely known as the Puspitek Area.





Supervision of Nuclear Power Plant Site Preparation Activities on Bangka Island

Supervision of the Nuclear Power Plant (NPP) Site Preparation Project in Bangka Island, Bangka Belitung Province, involved overseeing and evaluating all technical, practical, administrative, and financial aspects of the work. The scope of supervision included various site study components: (1) topography, (2) geology, geophysics, and geotechnics, (3) seismicity, (4) volcanology, (5) oceanography, (6) hydrogeology and hydrology, (7) meteorology, (8) human-induced events, (9) demographics, (10) land, water, and sea use, (11) spatial planning and infrastructure, (12) ecology, (14) socio-economic and socio-cultural aspects, (15) dispersion and dose assessment, (16) nuclear preparedness, and (17) other relevant considerations.

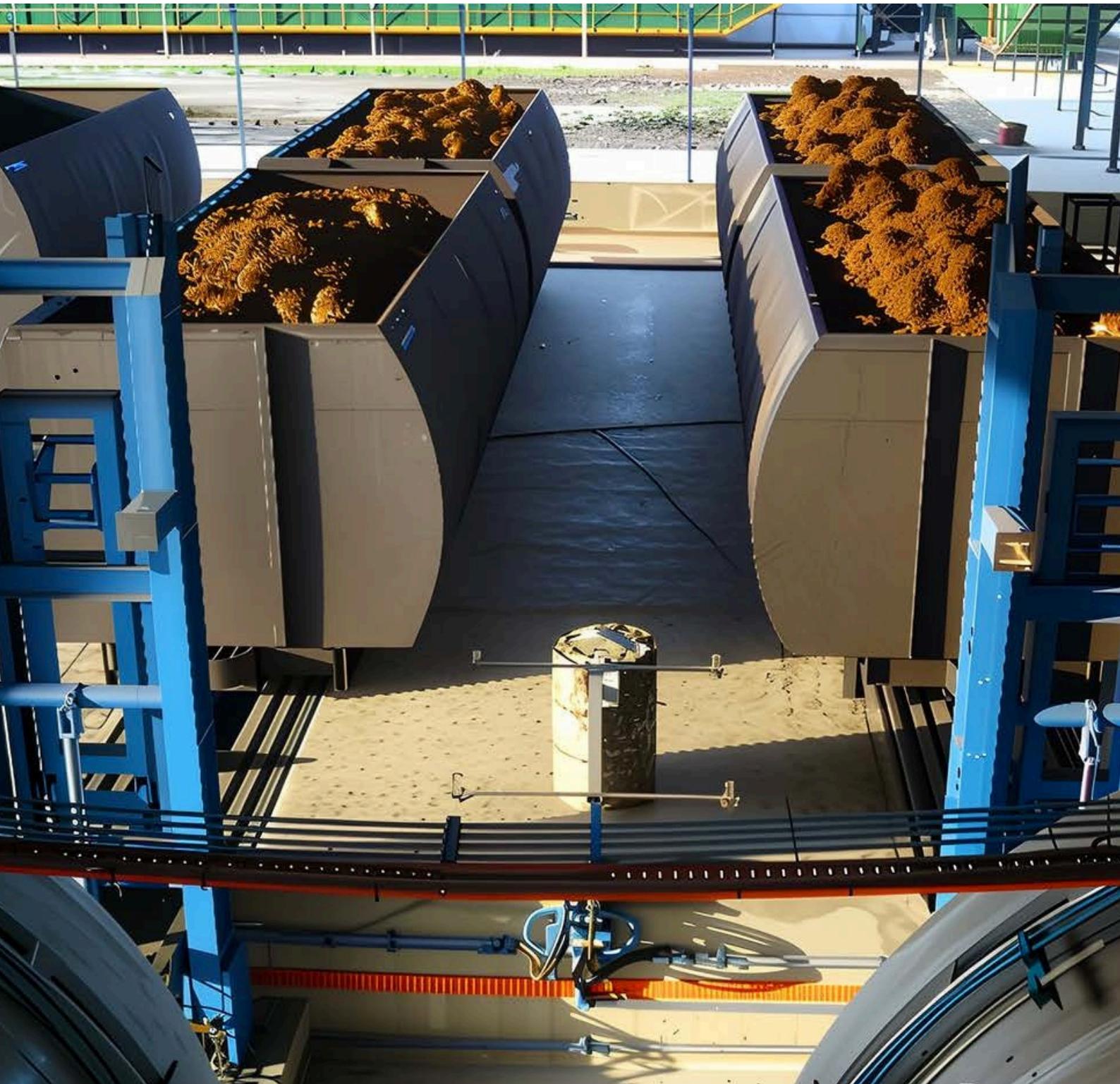


Supervision Of PKS Sei Mangkei PTPN III North Sumatra

In developing a Palm Oil Mill, KOGAS was entrusted by PTPN III Sei Mangkei, North Sumatra, to carry out the plant design. The scope of work for civil engineering design included land filling/compaction, factory building construction, machine foundations, oil despatch pump house, drainage, internal factory roads, perimeter fencing, factory office, steel works, and empty bunch disposal facilities. Meanwhile, the mechanical design covered the Fresh Fruit Bunch (FFB) receiving station, sterilization station, threshing station, empty bunch hopper station, pressing station, clarification and fat pit station, storage tank station, depericarper station, kernel recovery station, boiler installation, turbine installation, genset installation, water installation, piping, fittings, valves, insulation, and fire protection systems.



Among the mechanical works, KOGAS designed the Fresh Fruit Bunch (FFB) Transfer Conveyor system, consisting of three conveyors with different specifications and functions, totaling approximately 400 meters in length. The technical specifications included a conveyor width of 1,200 mm, height of 750 mm, and 6 mm x 8 mm MS plate construction, with conveyor supports placed every 6 meters. The conveyor chain was 6" – 36,000 lbf (pitch 152.4 mm, roller diameter 66.7 mm) with a solid pin, 21-tooth sprocket, coupling, and motor bracket. Conveyors No. 1 and 2 were equipped with a 22-kW dual-speed Hydraulic Power Unit, one hydraulic motor reducer (GM6140BD90), and an automatic control system for FFB handling. Conveyor No. 3 used an 18.5 kW dual-speed Hydraulic Power Unit, one hydraulic motor reducer, and an automatic control system. The total construction value for the palm oil mill project reached approximately IDR 120 billion





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KOGAS' EXPERIENCE IN

Studies, Research and Technical Assistance

Consultancy Services for the Development of Sustainable Financing Strategy for Coastal Infrastructure in Indonesian Marine Protected Areas, Sea for Prosperity (LAUTRA) Project Grant Number TF-000368

LAUTRA is designed to strengthen the capacity of both central and regional governments in managing the development of marine and fisheries sectors (KKP) through blue economy financing policies. The outputs of LAUTRA activities include: (i) increased investment in the effective management of marine conservation areas, (ii) strengthened fisheries monitoring and improved effectiveness of fisheries management institutions, (iii) development of alternative livelihoods and businesses for communities through infrastructure investments, business capacity building, and improved access to finance, and (iv) establishment of a sustainable financing system for KKP management.

This work is carried out through a partnership between PT Sucofindo Advisory Utama, PT Kogas Driyap Konsultan, and PT Bahana Appresindo. The assignment supports technical assistance, communication, and implementation activities, as well as the development of sustainable blue financing strategies for coastal infrastructure based on international guidelines. It also provides recommendations for financing proposals that comply with International Capital Market Association (ICMA) standards and the Ministry of Finance requirements for issuing sovereign blue bonds or sukuk instruments



The LAUTRA program strengthens coastal resilience by improving the management of marine protected areas and coral reef fisheries; increasing economic opportunities for local communities and MSMEs in sustainable fisheries, tourism, and aquaculture; and building government capacity to mobilize related sustainable blue finance.

The project will finance three components, operating in 15 MPAs and villages across 10 provinces in Eastern Indonesia. Strengthening MPA management effectiveness will begin with 15 MPAs50 with management plans (priority given to 8 national MPAs during the initial phase of the project), and expand to five proposed MPAs51 once the management plans are formally adopted by the MPA through a Ministerial Regulation. Innovative approaches, including coral rehabilitation and the establishment of a fund management system (through a Public Service Agency (BLU), will be piloted in three MPA Management Units53 to build a robust and replicable model.



Consulting Services for Strengthening Environmental Carrying Capacity Analysis Systems for RPJMD KLHS in the Cities of Palembang, Balikpapan, Bitung, Semarang, and Jakarta

This program is part of the Indonesia Sustainable Cities Impact Program (SCIP) funded by the Global Environment Facility (GEF). Its goal is to strengthen city capacities in preparing sustainable and integrated development plans. The RPJMD KLHS is defined as a systematic, comprehensive, and participatory analysis that serves as the basis for integrating Indonesia's Sustainable Development Goals into the RPJMD (Regional Medium-Term Development Plan). Government Regulation No. 46 of 2016 on the Implementation Procedures for Strategic Environmental Assessment (KLHS/SEA) mandates that both central and regional governments must prepare a KLHS/SEA to ensure sustainable development principles are integrated into the development of policies, plans, and/or programs. Through Minister of Home Affairs Regulation No. 7/2018, the RPJMD is expected to serve as a guideline for achieving sustainable regional planning.



This activity aims to support improving the quality of KLHS-RPJMD documents in SCIP GEF Indonesia pilot cities (Palembang, Balikpapan, Bitung, Semarang, and DKI Jakarta). It focuses particularly on identifying strategic urban issues and conducting comprehensive environmental carrying capacity analyses using system-based approaches (systems thinking and system dynamics), combined with the World Bank's Environmental and Social Standards (WB ESS) requirements.



Transformative Policy Formulation Consultancy Services (Game Changer) and Action Plans for Housing, Drinking Water, Sanitation, and Waste Management

To realize sustainable urban development by 2045 through strengthening urban planning and supporting accelerated economic growth aligned with the global agenda, the Ministry of National Development Planning/Bappenas has initiated the formulation of transformative policies (Game Changers) and an Action Plan for the Housing, Drinking Water, Sanitation, and Waste Management Sector. This project is expected to play a strategic role in strengthening the capacity of stakeholders in housing and settlement areas at both central and regional levels.



The implementation aims to deliver transformative policy formulation and an action plan that accelerate and optimize the development of housing, drinking water, sanitation, and waste management sectors to support quality, livable, and sustainable urban development. These policies are designed to ensure access to basic services, strengthen cross-sector governance, reduce environmental impact, and mitigate climate change risks. Through the strategic measures derived from these transformative policies, the project seeks to create inclusive, efficient, and adaptive solutions and action plans to improve the quality of life for communities, in line with the targets of the National Long-Term Development Plan (RPJPN) 2025-2045 and the Medium-Term Development Plan (RPJMN) 2025-2029.



Aviation Safety Consultant Services on Resilience and Aviation Safety Assessment at Airnav Indonesia

In the field of Study Services, Research, and Technical Assistance for 2025, PT Kogas Driyap Konsultan (Indonesia), together with Independent Business Group Sweden AB (Sweden), has been entrusted by AIRNAV Indonesia to provide Aviation Safety Consulting Services related to Resilience and Safety Assessment. This assessment aims to offer technical support and assistance to the Directorate of Safety, Security, and Standardization in identifying strengths, weaknesses, and other potential hazards within the current aviation navigation service system of AirNav Indonesia. It also involves formulating improvement recommendations to enhance the reliability of aviation safety services in the airspace.



Assistance in the Operationalization of the Bandung City TPST (Phase II)

The Improvement of Solid Waste Management to Support Regional and Metropolitan Cities (ISWMP) is a national program aimed at enhancing waste management performance in cities and regencies. It has introduced waste processing-based TPST (Integrated Waste Processing Sites). In its operation, these TPST facilities require guaranteed proper functionality according to their design, covering the entire process from upstream collection systems to transporting waste to the TPST and processing it into usable products.

This activity is part of the "Improvement of Solid Waste Management to Support Metropolitan and Regional Cities Project," funded by the World Bank, which aims to improve waste management performance in regencies and cities within the Citarum River Basin. The goal of operational assistance and maintenance for the TPSTs is to ensure that the infrastructure at TPST Tegalega, TPST Nyengseret, and TPST Cicukang Holis II can provide optimal service in waste processing according to their planned capacities.



The scope of operational and maintenance activities for TPST Tegalega, TPST Nyengseret, and TPST Cicukang Holis II includes: (1) Operating waste transportation from waste sources to the TPST locations; (2) Managing waste processing operations at the TPST facilities; (3) Manually sorting waste to separate recyclable materials (Material Daur Ulang or MDU) on the conveyor belt sorting area; (4) Operating machinery and equipment for further processing of sorted inorganic and organic waste into RDF (Refuse Derived Fuel) materials; (5) Maintaining all machines, equipment, and supporting infrastructure at the TPST sites; (6) Handling residual waste and large-sized waste that can no longer be processed, transporting it to the landfill (TPA); (7) Maintaining the TPST buildings and facilities; (8) Managing and being accountable for the operational and maintenance costs of TPST Tegalega, TPST Nyengseret, and TPST Cicukang Holis II.



Capacity Building and Training Consultancy Services in the Urban Sector - National Urban Development Project (NUDP)

The National Urban Development Project (NUDP) serves as a platform to coordinate urban planning and cross-sector infrastructure development at the city level. It helps cities build capacity to access large-scale funding sources that can be implemented over multiple years. This platform also acts as a tool to facilitate various sectoral programs coming from different funding sources, such as the national budget (APBN), loans, and grants.

Through various interventions and capacity-building programs, NUDP aims to support the implementation of innovations and new approaches in urban development and spatial planning, especially to improve the integration of these two types of high-quality planning at the city level. The scope of services includes: (1) Technical support for strengthening the TKPPN institution, (2) Formulating frameworks and strategies for Knowledge Management, (3) Developing Monitoring and Evaluation frameworks, and (4) Reviewing work plans and activity indicators of NUDP under the coordination of the Ministry of National Development Planning (Kementerian PPN/Bappenas).



Flood Risk Management Planning (FRMP) Document Preparation Planning

Flood management must be carried out comprehensively and systematically, starting from planning, construction, operation, to maintenance. It should also be supported by improvements in institutional capacity, funding, and community participation. Increasing understanding of flood disasters among stakeholders, especially affected communities, should be done constructively, participatively, and sustainably to ensure effective and long-term flood management.

Ambon City is basically a tropical area with high rainfall intensity. According to BMKG's analysis, the flood that occurred in Ambon in October 2020 was caused by heavy rainfall within the same duration. In addition, major floods have also occurred in 2018, 2017, 2016, 2013, and 2012. In the past decade, Ambon City has experienced floods almost every year. Flood disasters are generally influenced by river conditions, drainage systems, upstream forest conservation, land use, as well as the community's low awareness in maintaining river and environmental cleanliness.

The scope of activities for preparing the Flood Risk Management Planning (FRMP) document includes: (1) Preparing the FRMP; (2) Preparing the drainage master plan; (3) Creating base maps of Ambon city planning area; and (4) Developing the drainage system including flow patterns, channel dimensions, drawings, and cross-sectional shapes of the channels.



Feasibility Study for Biomass Power Plant Development

PT Perkebunan Nusantara V, through its palm oil mill unit (PKS), intends to utilize solid waste generated by the Sei Rokan mill unit to produce electricity through the development of the Sei Rokan Biomass Power Plant (PLTBm). The planned installed capacity of the Sei Rokan PLTBm project is 6.1 MWe, where the power generated will be connected and directly supplied to the existing 20 kV PLN distribution network at the Ujung Batu feeder in the Pasir Pengaraian PLN Rayon. The main objective of this interconnection study is to plan the electrical system of the Sei Rokan PLTBm so that it can be optimally integrated with the existing 20 kV PLN distribution network in the Pasir Pengaraian Rayon.

This work involves conducting a feasibility study on utilizing biomass waste from palm oil mills, especially empty fruit bunches and other solid wastes (such as shells and fibers) as fuel for the biomass power plant, with capacity adjusted to the availability of biomass fuel around the prospective power plant location. The study results include mapping biomass availability at several palm oil mills near the site, evaluating technology options, reviewing environmental aspects, policies, greenhouse gas (GHG) reduction potential, financial feasibility, and providing recommendations based on the overall feasibility study. This work also calculates the potential reduction in greenhouse gas emissions if the power plant is built.





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KOGAS' EXPERIENCE INI
Surveys and Mapping

State-Owned Enterprise Asset Mapping Consulting Services

In the Asset & Management sector, Kogas has also conducted mapping and assessment of assets for 60 state-owned enterprises (BUMN) across Indonesia (excluding Sumatra Island) with a contract value of IDR 11.25 billion, funded by the Ministry of State-Owned Enterprises through the state budget (APBN). The purpose of this activity was to accurately compile an asset database, including information on characteristics, specifications, value, and other relevant details needed to manage these assets, which would then be entered and maintained in the BUMN asset database. The project also included mapping the potential utilization of BUMN assets (Highest and Best Use - HBU), aimed at enabling the Ministry of State- Owned Enterprises to formulate future policies on asset management and optimization for these state- owned enterprises.



Mapping and Study of Asset Optimization of PT Pembangkit Jawa Bali

Next, KOGAS was also trusted by PT Pembangkit Jawa-Bali (PT PJB) Head Office to carry out the project "Consulting Services for Mapping, Management Strategy, and Utilization of Non-Productive Assets of PT PJB." The study locations included the PT PJB Head Office; Generation Units (UP) at Gresik, Paiton, Brantas, Cirata, BPWC, Muara Tawar, Muara Karang, UPHB, and UPHT. This work aimed to inventory assets covering physical aspects such as asset location coordinates, shape, size or volume, type, usage, building details, construction year, condition, and more. It also involved inventorying legal aspects, including ownership status, legal issues, expiration of ownership rights, and others. The scope also included a fair market value assessment of the assets, which were then entered and stored in PT PJB's asset database through a system called the Asset Portal.





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KOGAS' EXPERIENCE INI

Event Organizer and Training

Supporting Services for the Implementation of State Civil Apparatus Candidate (CASN) Selection Activities

Kogas' experience in Event Organizer activities in the MICE sector (Meeting, Incentive, Convention, and Exhibition) includes managing the selection process for Civil Servant Candidates (CASN) under the National Civil Service Agency (BKN) for the years 2024 and 2025. In 2024, the activities were carried out from October to November and covered three packages: 1) Support Services for the CASN Basic Competency Selection (SKD) 2024 Package 7; 2) Support Services for the CASN Field Competency Selection (SKB) 2024 Package 7; and 3) Support Services for the Selection of Candidates for Government Employees with Work Agreements (CPPPK) 2024 Package 7.



The 2024 Civil Servant Candidate (CASN) selection activities took place across five locations within the Regional Office (Kanreg) VI area of North Sumatra. These locations under BKN Regional Office VI Medan included four main sites: 1) Mandiri Medan 1 with a capacity of 500 participants per session, 2) Mandiri Medan 2 with 400 participants per session, 3) Mandiri Medan 3 with 300 participants per session, 4) Mandiri Nias with 200 participants per session, and 5) Mandiri Padang Lawas Utara with 300 participants per session. For 2025, the CASN selection activities expanded to seven locations, covering the Regional Offices in Aceh (Kanreg XIII) and North Sumatra.



Our Clients



Ministry of Public Works



Ministry of National Development Planning/Bappenas



Ministry of Agriculture



Ministry of Maritime Affairs and Fisheries



Ministry of Internal Affairs



Ministry of Villages and PDTT



Ministry of Education



Ministry of Environment



National Civil Service Agency



National Agency for Disaster Management



National Nuclear Energy Agency



Sabang Area Management Agency

