



COMPANY PROFILE



ZEKON
CAPABILITY

ENGINEERING SERVICE

Front End Engineering Design

Road Engineering

Jetties & Near Shore Marine Engineering

Hydrology and Hydraulics Engineering

Geotechnical Engineering

Structural Engineering

Construction Management

CONSTRUCTION SERVICE

Road and Bridge Infrastructure

Marine Infrastructure

Water Resources Infrastructure

Building and Industrial Infrastructure

Earthwork and Geosynthetic

Energy Infrastructure

INTEGRATED ENGINEERING & CONSTRUCTION SERVICES



ABOUT US

Zekon Indonesia is a national integrated engineering consultancy and construction services provider. We are offering innovative execution and delivery solutions to its clients in multiple sectors for projects of scale and complexity, whilst managing diverse technological interfaces.

Zekon Indonesia is uniquely positioned amongst the local contracting fraternity with its integrated engineering consultancy and construction services capability. This, combined with advantages of incorporating operational experience of design and engineering phase, gives Zekon the ability to offer a comprehensive full-spectrum 'value-engineered' construction capability to clients. Our technical EPC solutions come with the ability to manage a large workforce across diverse locations in challenging terrains and environments.

At Zekon Indonesia, safe working practices are at the center of our operating philosophy. We are committed to executing projects and delivering value to our clients within the parameters of highest quality and best industry practices in health and safety standards.

VISION & MISSION

Vision

To be a best-in-class integrated engineering consultancy and construction services provider executing projects to world-class standards for our customers and delivering industry benchmarked value to our stakeholders.

Mission

To achieve excellence in the engineering consultancy and construction services through a proactive culture based on team spirit and the will to deliver against targets, driven by clear accountability and responsibility, and supported by implementation of best practices in project management and achievement of industry leading standards in health and safety.

CORE VALUES

Quality and Safety are at the very centre of all our operations. We believe in quality being a continuous process and routinely conduct on-site awareness programs to retain this focus in our project delivery processes. We are focused on delivering value to our customers at every stage of the project. We want to achieve this with our continuous commitment towards:

Respect for our people

We encourage our people to learn and empower them to innovate. We set objective performance measurement criteria to track both individual and project progress

Respect for the environment

We aim to conduct our operations with minimum damage to the environment and optimum energy consumption, keeping waste creation to the minimum.

Safe operating practices

We believe every incident prevented is potentially a life saved. We encourage safe operating practices through continuous training and awareness programs.

Delivering competitive solutions

We strive to delivered competitive solutions to meet our customers' expectations and we take pride in delivering quality on time to our customers.

ENGINEERING SERVICE

Zekon has established a reputation for providing high value engineering solutions and assisting sophisticated engineering design in the competitive market. This reputation has been developed over the years by building a wealth of experience and engineering capabilities across a range of industries, working with oil and gas operators, pharmaceutical, mining, and various domestic infrastructure projects.

Zekon has detailed design capability across all types of civil engineering and construction works. These processes ensure strict compliance with code requirements ensuring designs are fit for purpose, are fully optimized and reflect our approach to engineering.





FRONT END ENGINEERING DESIGN

Zekon optimises concept designs through Front End Engineering Design (FEED) projects, enabling clients to make sound investment decisions and execute projects with minimal technical, cost and schedule risks.

Our local, multi-disciplinary teams work in a flexible manner to provide a high-quality engineering solution to each client's unique development. We have supported this phase of project lifecycle for some of the most complex, diverse and challenging field developments in national infrastructure projects. Our success is underpinned by working closely with our clients to align their needs with our robust and proven FEED execution processes.

We provide informed decision support, cost estimate refinement, detail project scheduling and quantitative risk profiling - all of which align with our client's approvals / sanctioning needs. We derive functional requirements for equipment and systems, and provide informed support in deriving contracting strategies, collating bidders lists, issuing tender invitations and performing bid assessments for equipment delivery and installation.

We have extensive experience in various technically demanding national infrastructure projects, together with expertise in a number of niche markets including:

Onshore gas/oil exploration drilling wellpad / accommodation / support facilities ●

Onshore gas/oil pipelines ●

Onshore industrial / accommodation / support facilities ●

Hydro Power Plant ●

Mining Haul Road & Toll Road ●

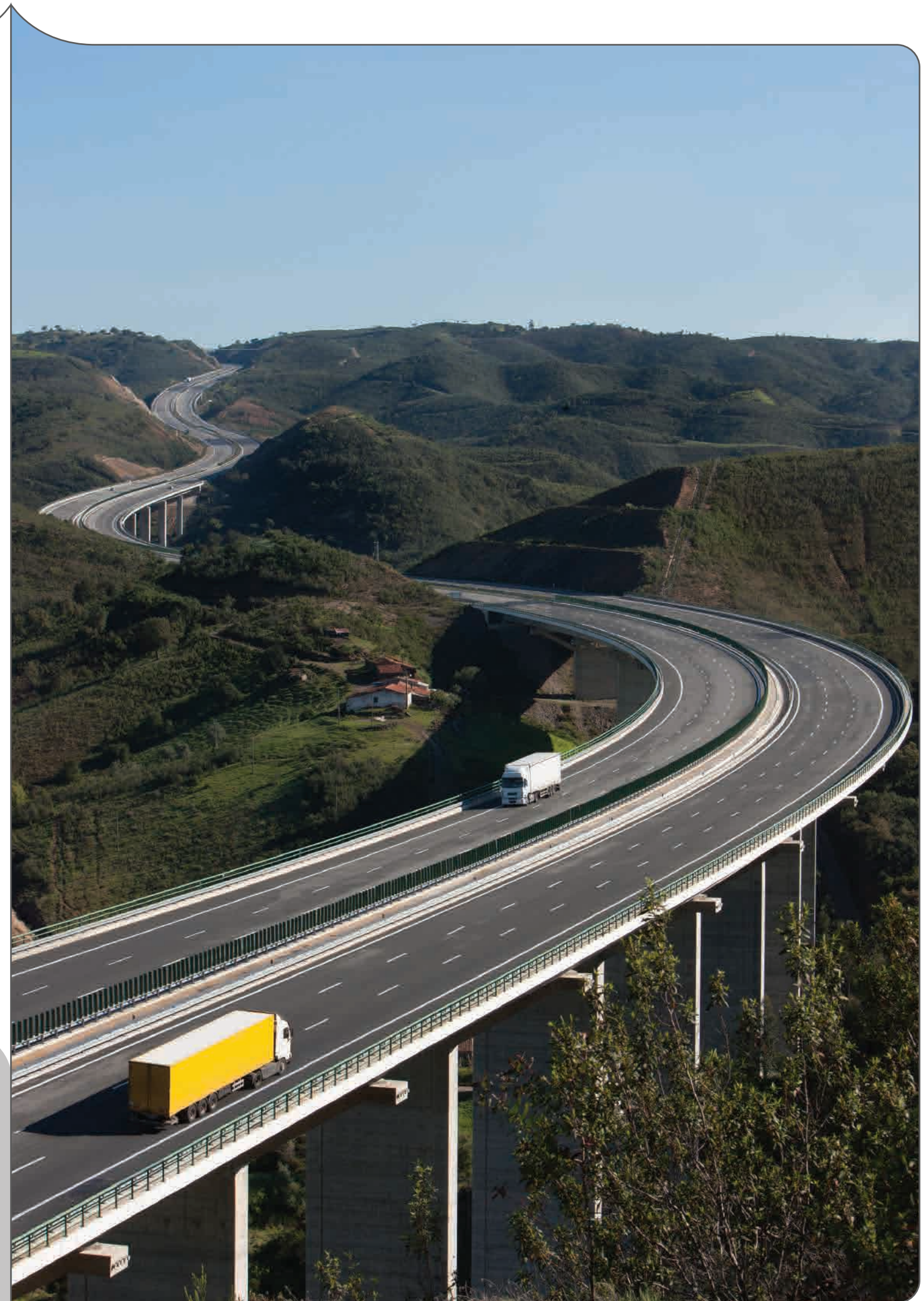
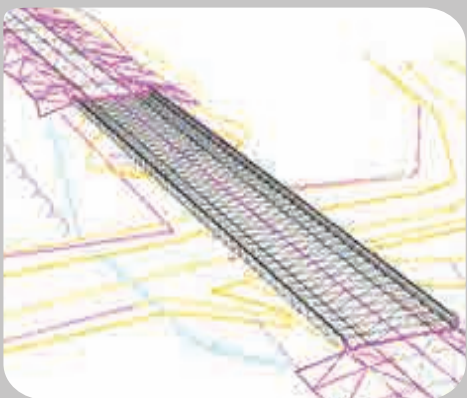
Port and Jetty / support facilities ●

High-Rise Building ●

ROAD ENGINEERING

From tunnels to overpasses, in swampy environments and seismic areas, we can assist with design and planning aspects of your project. For clients with road schemes, bridges, interchanges and tunnels we develop temporary and permanent works solutions and advise on construction.

- PLANNING - route selection, horizontal and vertical alignment design, geotechnical assessment, earthworks assessment, soil reusability and borrow pit studies.
- CUT & FILL - slope stability, retention solutions, soil nails, rock bolts, rock stability and excavability and reinforced slopes, develop a Mass Haul Diagram.
- GROUND IMPROVEMENT - soft ground engineering, deep soil mixing, and review of soils and aggregates available and their potential for utilizing soil stabilizing techniques incorporating lime and cement binders.
- BRIDGES - upper structure, pier, foundations, abutments and retaining wall design.
- ROAD DESIGN SERVICES - pavement design, temporary works design, alternative designs and value engineering.
- CHECKING - site supervision, bridge inspections, independent checking.



JETTIES AND NEAR SHORE MARINE ENGINEERING

Zekon have local project delivery expertise to deliver jetty and near shore marine projects for some of the world's energy and resource clients. We present a low risk, high quality option for near shore marine challenges, ensuring every project is delivered safely, on time, within budget, and to the highest quality standards.

Our extensive range of services include but are not limited to the following areas; depending on project location and client requirements:

HYDRONAMIC SIMULATIONS ●

BREAKWATER ●

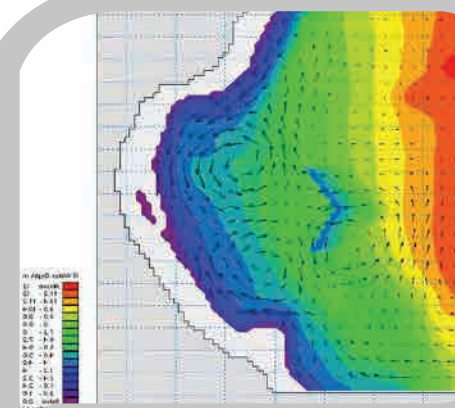
LCT LANDING RAMP ●

TEMPORARY JETTIES ●

SOLID PERMANENT JETTIES ●

LNG AND MINERAL LOADING JETTIES ●

ROADWAYS AND PIPING SUPPORT STRUCTURES ●



HYDROLOGY AND HYDRAULICS ENGINEERING

Water is one of our most precious resources, nothing can live without it. Knowledge of the amount of water, its distribution over space and time, and its effects on the earth's surface is what hydrology is about.

Zekon Indonesia provide unsurpassed skill and innovation for clients in water resources management, hydrological investigations and hydraulics engineering.

Hydrology for infrastructure

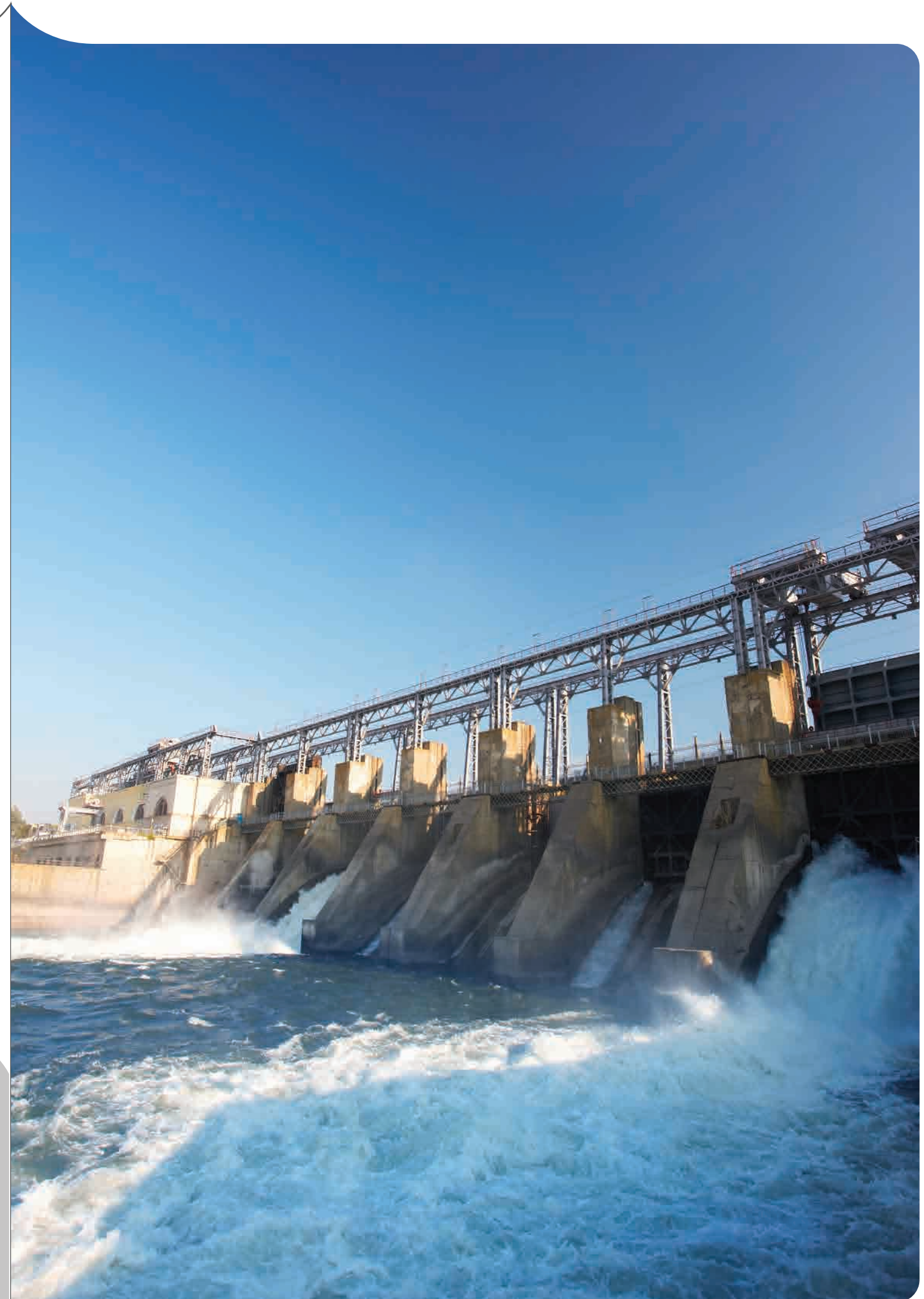
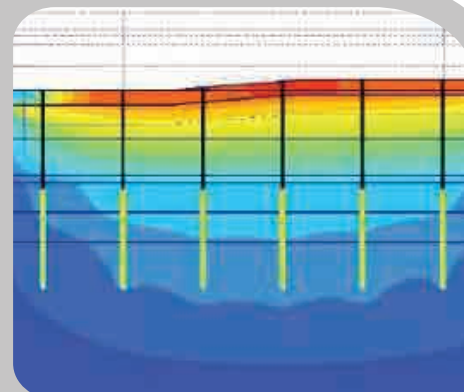
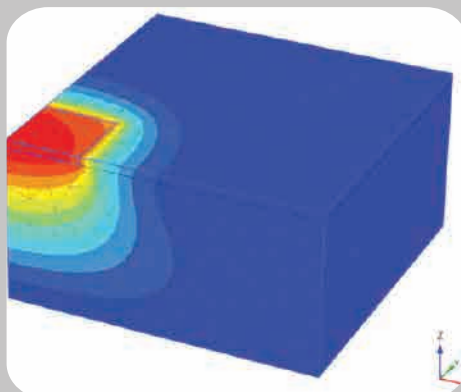
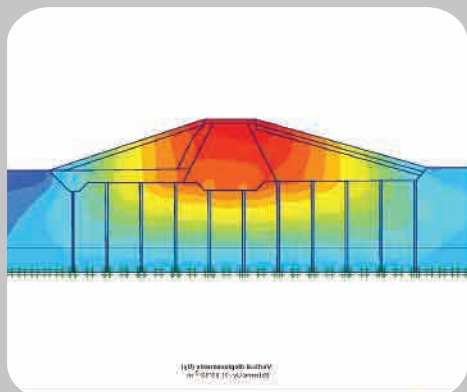
- Irrigation and water supply
- Hydropower schemes
- Catchment flood management
- Storage dams
- Flood detention dams
- Run-of-river intakes
- Bridges and waterway crossings

Service of initial planning stages

- Regional resource studies
- Catchment yield analysis
- Flood and low flow frequency evaluations
- Flow monitoring programmes
- Dam reservoir sizing

Subsequent project stages

- Flood routing
- Catchment rainfall-runoff modelling
- Design storm and flood estimation
- Probable maximum flood
- Dambreak hazard assessment



GEOTECHNICAL ENGINEERING

We assist our Client to carry out an appropriate geotechnical studies for infrastructure development. Our services mainly divided into geotechnical surveys and geotechnical engineering design. Our geotechnical survey team is handled by vastly experienced engineers having worked on various surveys and soil investigations projects, while our team of engineers and principals have worked on large and technically challenging national infrastructure projects.

Site investigations and supervision (including Drilling & Sampling, SPT, CPT or CPTU, etc) ●

Soil and rock laboratory testing (including index properties and engineering properties) ●

Earthwork engineering for industrial plants, utilities, mining and commercial development ●

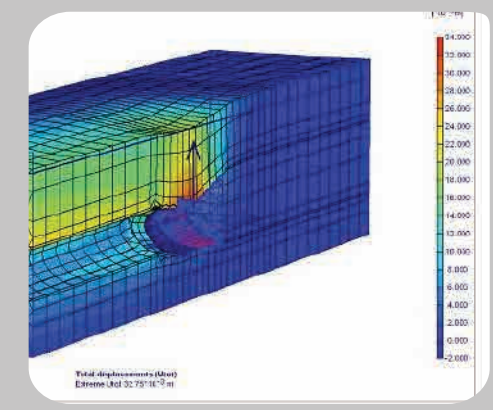
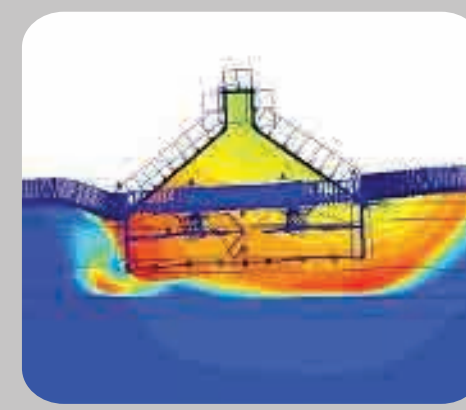
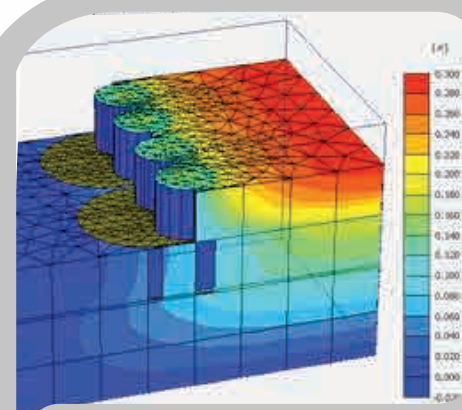
Landslide & Slope Stability Analysis ●

Soils and foundation engineering for industrial plants, utilities, mining
and commercial development ●

Retaining wall and deep excavation ●

Geotechnical remediation of existing works ●

Geotechnical Mitigation Hazards (e.g. soft soil, earthquake, and liquefaction potential) ●



STRUCTURAL ENGINEERING

Structural engineering is one of the core of the company. Our experienced engineers provide full service and high value structural engineering design. Our team consists of an expert and engineers that has been worked in various technically demanding projects such as suspension bridges, large industrial plant and high-rise buildings.

Sport centre or stadium



Residential building



Temporary or permanent camp and
office building



Commercial/Industrial building



Conveyor handling structure



Multi storey building



Telecommunication tower



Steel structure



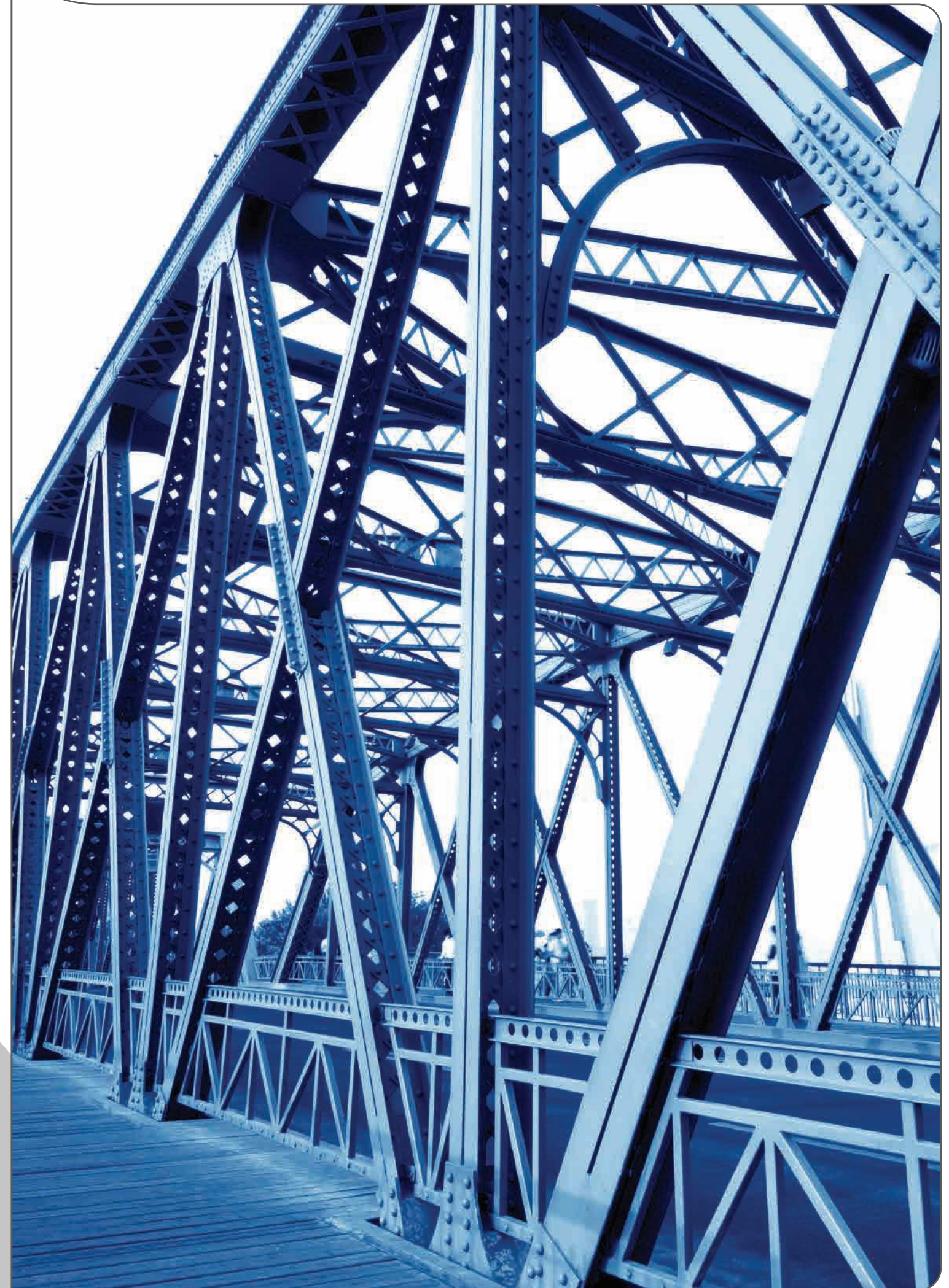
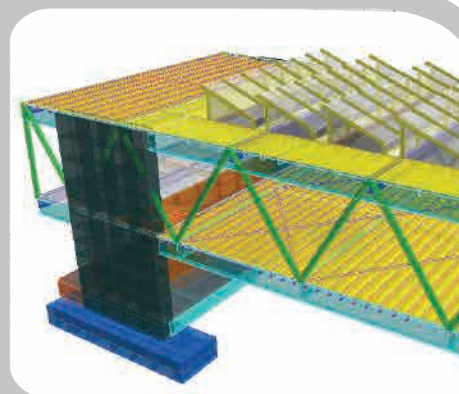
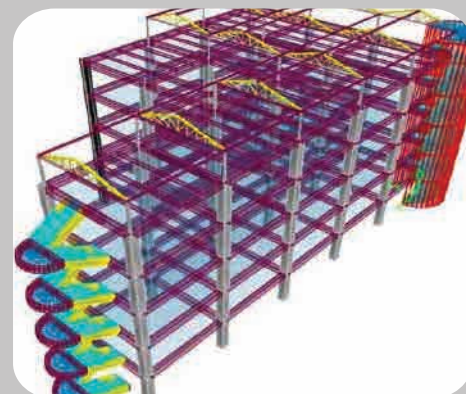
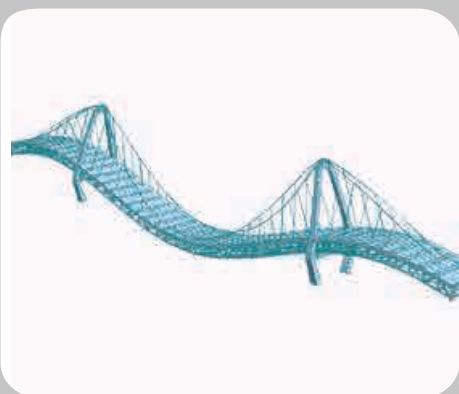
Warehouse Complexes



Concrete and Precast structure



Bridge and overpass structure

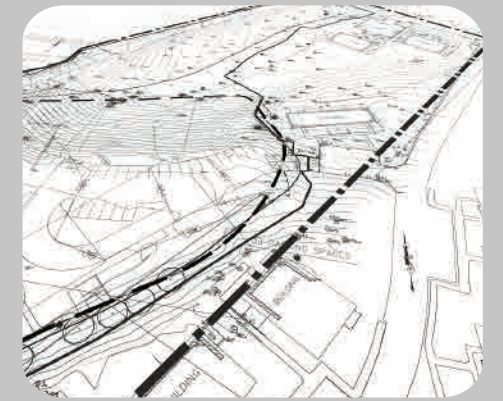
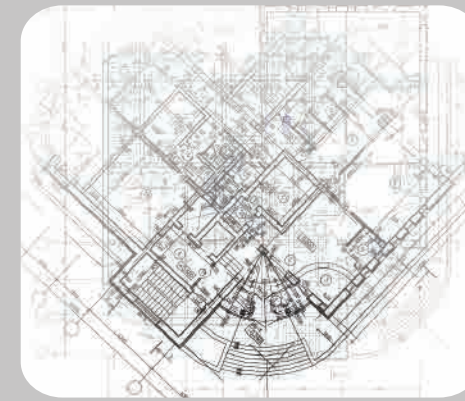
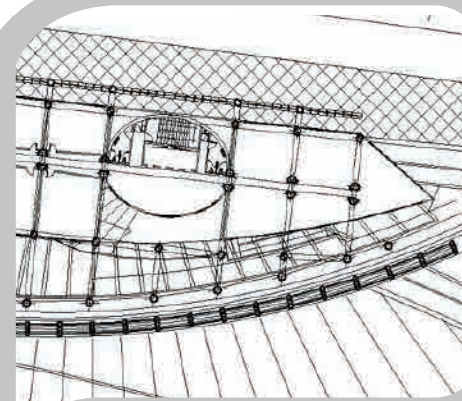




CONSTRUCTION MANAGEMENT

When it comes to construction management, we take pride in our ability to meet our clients' needs by offering consistent high standard service and outcomes. We assist our client to ensure the efficient outcome for your projects. Our experienced team provides real-world, cost-effective solutions to the everyday challenges that owners, contractors face throughout construction process. Starting from the concept to the project closeout, we assist our client projects to meet their specifications, requirements, and to mitigate potential problems.

- Construction management
- Construction supervision, Inspection, and quality assurance
- Review of existing engineering data
- Project scheduling
- Man power and equipment productivity analysis
- Cost estimating and evaluation
- Tender document and evaluation
- Change order management
- Construction design review



CONSTRUCTION SERVICE

We are confident to deliver a broad range of civil projects including vital transport networks such as highways, haul roads and bridges; water and resources infrastructure, building for mine infrastructure and Commercial/Industrial infrastructure; and major foundation and civil works for Mini Hydro Power Plant.

We see every construction project, no matter how large or small, as an exciting opportunity to support our communities, contribute to our country and advance our industry. We work with all stakeholders to deliver the best possible outcomes for our clients, the communities we work in and the environment.

*"We see every construction project
No matter how large or small..."*





ROAD

Mining Haul Road, Residential Roads, Highway, Overpass or Underpass, Bridge, Culverts and Roadside Drainage Channel.



EARTHWORKS

Deep Excavation, Cut and Fill, Foundation Works (Steel and Concrete), Retaining Walls, Geosynthetic Installation (geotextile, geomembrane, geotube, PVD), Grouting.



WATER

Residential Drainage Channel, Water Supply Pipeline, Weir, Water Intake, Small Earthfill Dam, Water Treatment Plant, Flood Protection Canal, River Shortcut, Irrigation.



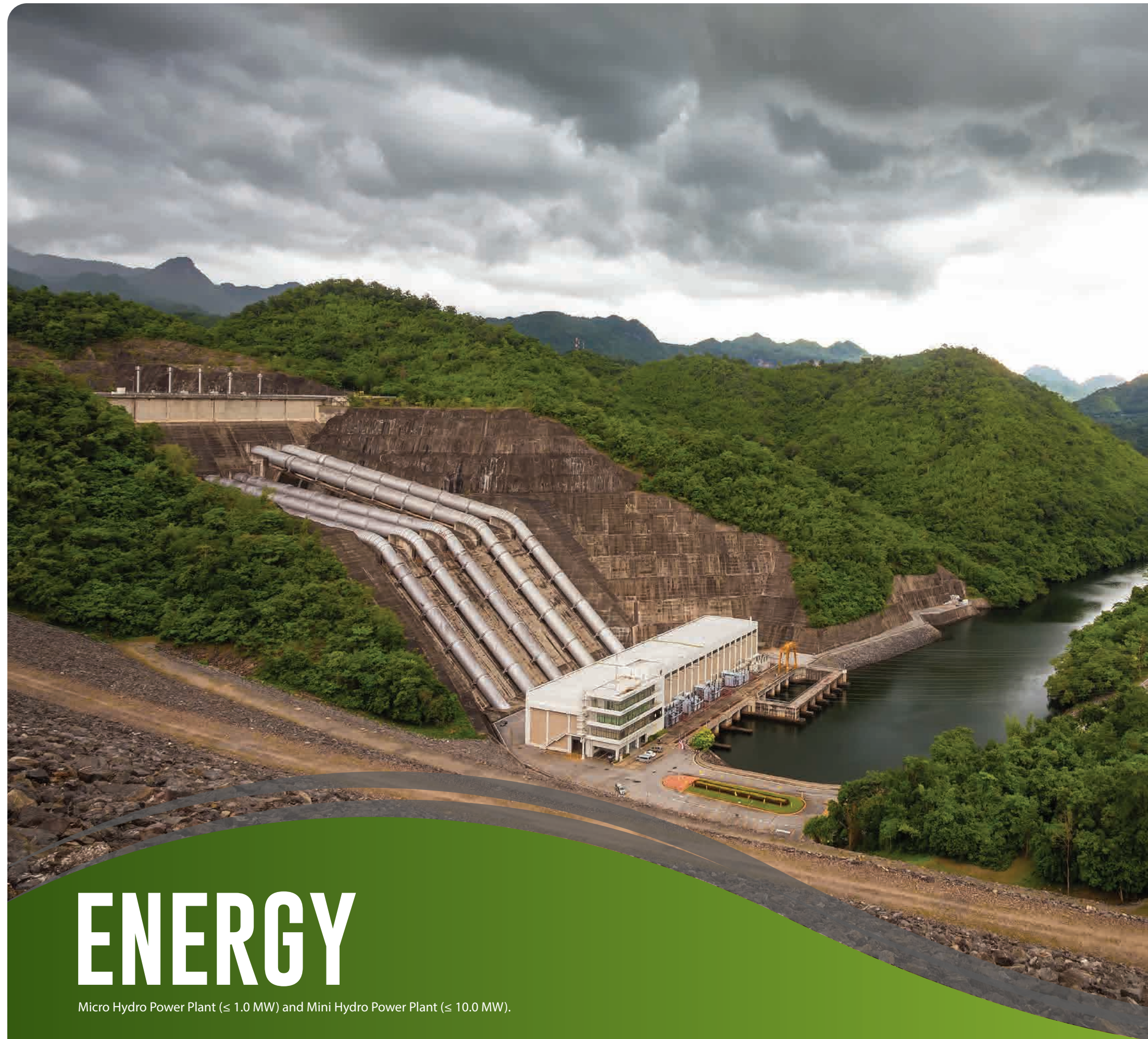
MARINE

Dredging, Breakwater, Shoreline Abrasion Protection, LCT Landing Ramp, Temporary Jetties, Solid permanent Jetties.



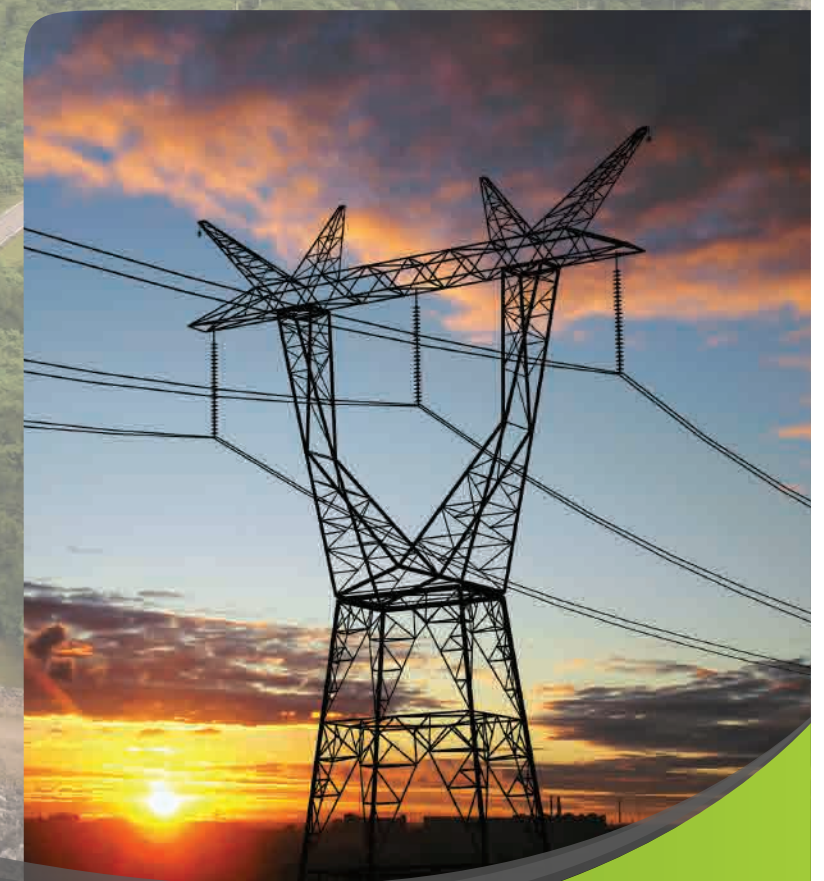
BUILDING

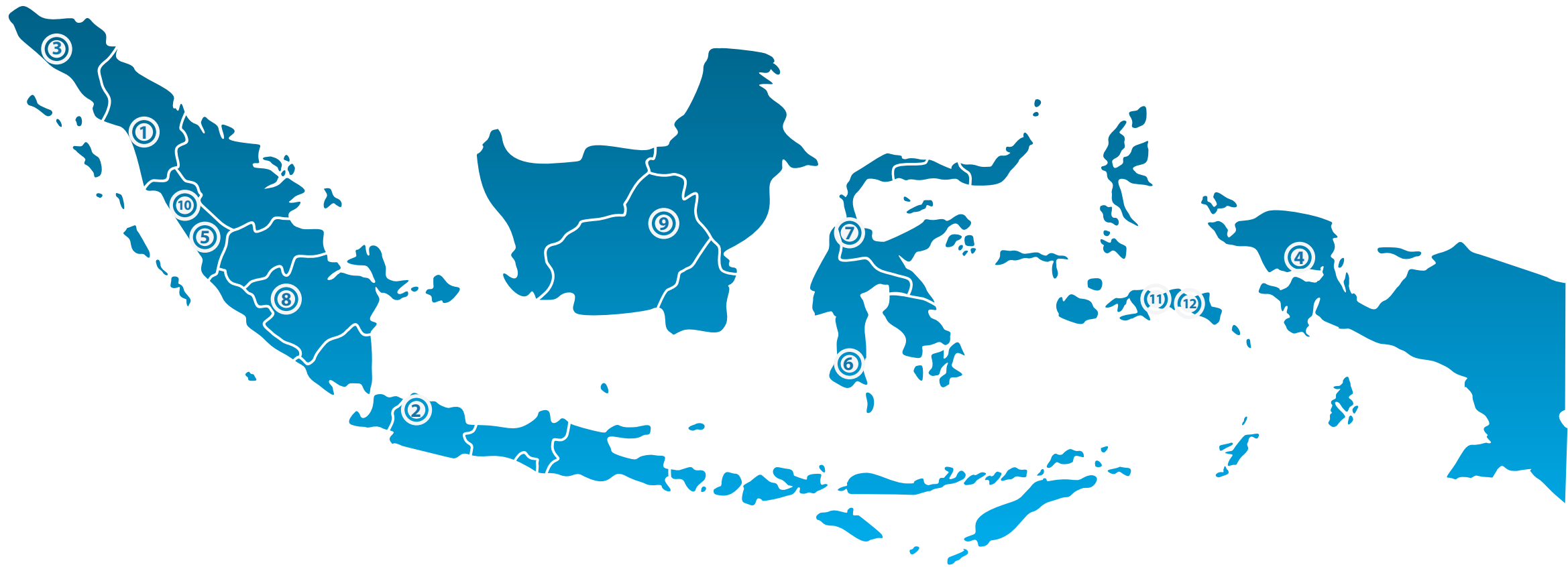
Residential building, Commercial / Industrial building, Multi Storey building, Steel and Concrete structure, Bridge and Overpass structure, Temporary or permanent camp and office building, Conveyor handling structure, Telecommunication tower and Warehouse complexes.



ENERGY

Micro Hydro Power Plant (≤ 1.0 MW) and Mini Hydro Power Plant (≤ 10.0 MW).





COMPANY REGISTRATION

- SK Domisili Perusahaan
18/DP./VII/2013
- SIUP
510/3-7130-BPPT
- TDP (BPPT - Kota Bandung)
1166/BH.10.11/X/2013
- NPWP Perusahaan
31.813.784.1-423.000
- Akta Pendirian Perseroan
No. 4 - (Tanggal 8 Juli 2013)
- SK Menteri Hukum dan HAM
AHU-44566.AH.01.01.Tahun 2013
- Surat Ijin Usaha Jasa Konsultan
1-3273-005907-1-000046
- Surat Ijin Usaha Jasa Konstruksi
1-094230-3275-2-00034
- SK Terdaftar Dirgen Minyak Dan Gas Bumi
0188/SKT-02/DMT/2014

ASSOCIATES COMPANY



Engineering Experiences

- 1 PT. DARMA HENWA
Review Engineering Design of Tailing Storage Facility for Dairy Lead/Zinc Project
- 2 PT. JASA MARGA
Detailed Engineering Design of Sedyatmo Elevated Toll Road
- 3 PT. TIA MINING
Detailed Engineering Design of Mining Haul Road at Meulaboh
- 4 PT. PETROENERGY WIRIAGAR
Detailed Engineering Design of Wellpad, Staging Area and Access Road
- 5 PT. SEMEN PADANG
Detailed Engineering Design of Indarung VI Cement Plant Expansion
- 6 PT. BRENT VENTURA
Detailed Engineering Design of CPOI Reclamation Project

Construction Experiences

- 7 PT. DELTA ENERALS SIGI
Construction of Mini Hydro Power Plant (MHPP) Sopu 2x2.2 MW
- 8 CONOCO PHILLIPS, LTD
Construction of Temporary Camp. and Facility at Site Paninggalan
- 9 PT. TRISULA KENCANA SAKTI
Design and Build of Floating River Jetty at Muara Teweh
- 10 PT. MITRA SINAMAR PERKASA
Construction of Haul Road Bridge and Culverts at Sungai Rumbai
- 11 CITIC SERAM ENERGY, LTD
Construction of Non-Staff Drilling Camp at Nief Utara Wellsite
- 12 KUFPEC, LTD
Access Road Construction, Maintenance & Repair for Oseil Drilling Campaign

CONTACT US


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Fax +62 22 2508064

ZEKON

POLICY



HEALTH, SAFETY AND ENVIRONMENT MANAGEMENT POLICY

The management of Zekon Indonesia recognizes the importance of safety, health and environment management to the success of the organization. Our employees are vital to the delivery of high quality products and services for our clients. To this end, we are committed to taking all reasonable steps to insure a safe and healthy workplace for all staff, simultaneously acknowledging our responsibility for the protection of the environment.

Senior Management – The organization and its senior management commits to the development of the program, availability of financial resources, monitoring program progress, training and contracting of the necessary services and staff, rehabilitation and recognition and at a minimum meeting of legislative requirements.

Managers and Supervisors – Managers and supervisors are responsible for implementation of programs, reinforcement, monitoring and coaching of employees. They are additionally responsible for identification and control of hazards in the workplace.

Employees – Each employee has a responsibility to participate in the company safety program, attend training sessions, inform management of HSE concerns or hazards and monitor their fellow workers and third party HSE performance.

Our goal is to establish a safe workplace for all employees and reduce the potential for injuries to zero. All employees will benefit from the knowledge that their work environment provides protection from injury. This will allow each of us to focus on providing the highest level of quality in the products and services we supply.

Each of us has responsibilities and are accountable for various aspects of Zekon Indonesia's program.

OUR TEAM



NANTO SATRIO, ST, MT

Senior Geotechnical Engineer

Nanto is a Senior Geotechnical Engineer with extensive experience in civil & infrastructure related to mining and oil & gas projects. He has worked for the Private Mining Consultant since 2005 and has conducted various type of civil & infrastructure projects such as; onshore & offshore soil investigation, foundation design, deep excavation, soil improvement, slope stability assessment, etc



I DEWA G. WIRA, ST, MT

Senior Structure Engineer

Wira is a Senior Structure Engineer with extensive experience in structural engineering. His capability has ranged from the initial design of structures through to the detailed design of structures, including hands-on construction work. He has conducted various type of civil & infrastructure projects such as; cable stayed bridge, high-rise building, large industrial plant, etc.



BAGUS A, ST, MT, PHD

Principal Marine

Bagus is a Principal Marine Engineer with a unique combination of experiences in both practical as well as research-oriented projects. His capability has ranged from the hydrodynamic modelling through to the design of marine structures. He has conducted various type of marine infrastructure projects such as; port and jetty, coastal protection, coastal reclamation, offshore drilling platform, etc.



ADITYA DHARMA, ST, MT

Senior Hydro Engineer

Aditya is a Senior Hydro Engineer with extensive experience in water resources infrastructure projects. His capability has ranged from the hydrology modelling through to the design of hydraulic structures. He has designed various type of water resources infrastructure projects such as; hydro power DAM, irrigation, flood protection system, urban drainage, municipal water supply system, etc.



SETO W, ST, M.ENG, PHD

Principal Geotechnical

Seto is a Principal Geotechnical Engineer with a unique combination of experiences in both practical as well as research-oriented projects. These unique combinations enable us to address sophisticated projects. He has been working on various civil and infrastructure projects, detail engineering design, and mitigation of geotechnical hazards such as earthquake and liquefaction potential.



MIGI PRASETYO, ST

Senior Civil Engineer

Migi is a Senior Civil Engineer with extensive experience in civil & infrastructure related to mining and oil & gas projects. He has worked for the Private Consultant since 2007 and has conducted various type of civil and infrastructure construction projects such as; haul road construction monitoring, jetty construction, drilling wellpad & access road construction, industrial plant construction, etc.



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