



COMPANY PROFILE



Introduction

Quality is the priority of what we do in our business throughout the process.

The name "Nusa", derived from sanskrit word, which means island. The name Nusa is derived from the background that the NDS Engineering originated from Indonesia which is the largest archipelagic country in the world and has 18,000 more islands (about 6000 uninhabited) that spread around the equator. Therefore there are various cultures in this country.



The History

THE COMPANY WAS ESTABLISHED

The story of NDS Engineering started at January 15th 2016 as the company was founded by Andreas Sinaga, Christopher Tanjung and Kevin William.

- Notary Act
Aditia Wiradireja, SH. M.Kn
No. 02 January 15th 2016
- Department of Justice License
AHU-000401.6AH.01.01 Tahun 2016
- Tax Registration Number
75.084.540.6 - 444.000

AUTHORIZED AS REGISTERED COMPANY

NDS Engineering has been registered legally and has legal protection.

- Letter of Business Permit (SIUP)
00048/10/12/PM/III/2016
- Company Registration (TDP)
10.24.1.46.29719

BECOME PROFESSIONAL ENGINEERING CONSULTANT

We are ready to spread our wings since joining Nation Association of Indonesian Consultant (INKINDO) and acquired SBU and IUJK. These certificates and license are needed to fullfil the requirements for goverment owned companies projects and ministry of public works projects.

- Member of Nation Association of Indonesian Consultant (INKINDO)
16313/P/1168.JB
- Business Entity Certificate (SBU)
1.3204-05-008-1-10-106589
1.3204-02-008-1-10-106589
1.3204-14-008-1-10-106589
- Single Business Number (NIB)
0220105762316

JAN 2016

MAR 2016

DEC 2016

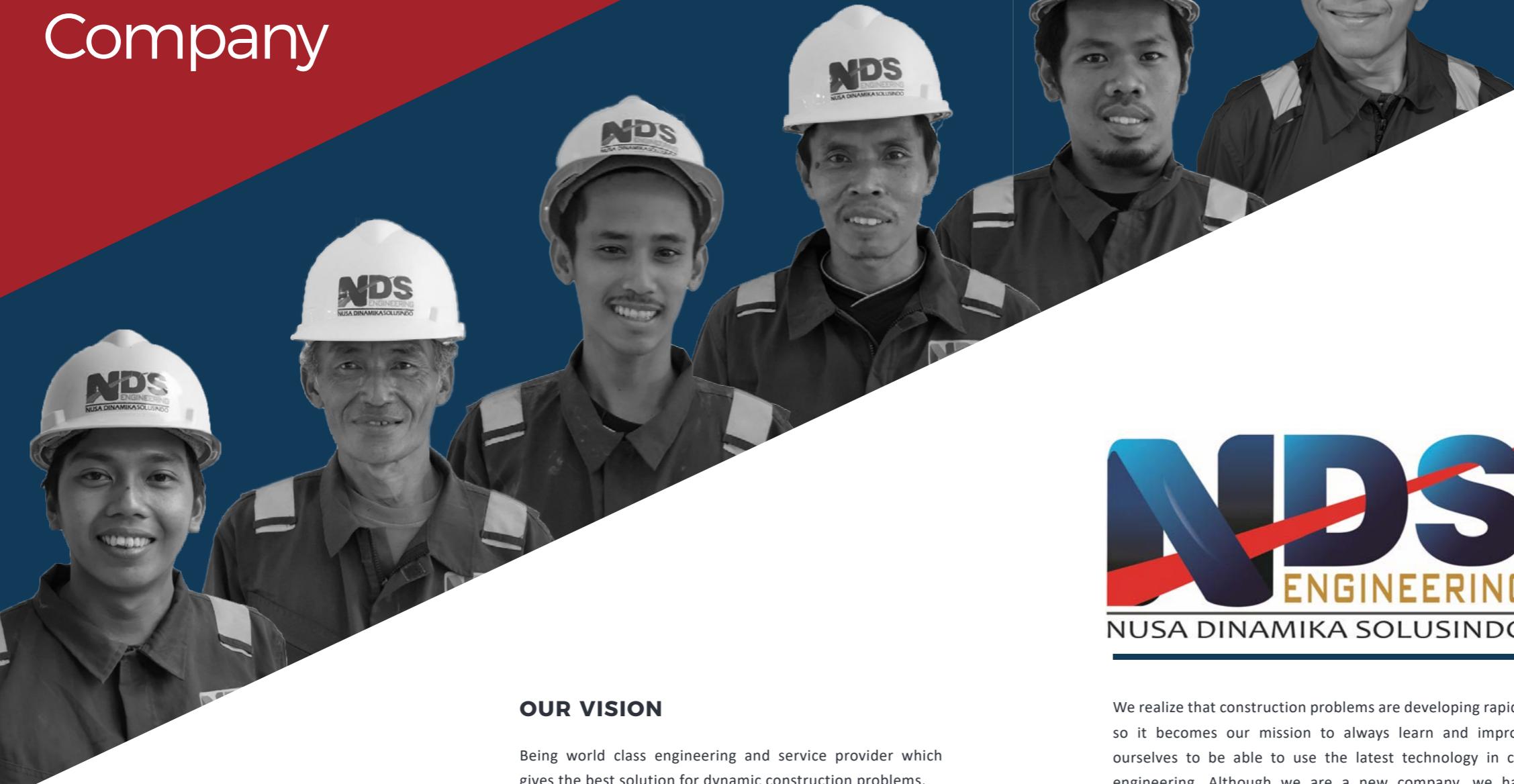
PT. NUSA DINAMIKA SOLUSINDO ENGINEERING

The diversity of the Indonesian nation formed by the large number of tribes who live in the territory of Indonesia and spread across various islands and regions across Indonesia. Therefore each tribe has its own characteristics on social and cultural aspects. When associated in the field of construction, special handling is required in each region to accommodate the cultural aspects of the area. From this background, NDS Engineering is expected to be the solution of dynamic construction problems in Indonesia.



Company

ABOUT US



3

4

**GOOD DECISIONS COME FROM EXPERIENCE,
AND EXPERIENCE COMES FROM BAD
DECISIONS IN A CONTROLLED ENVIRONMENT**

PT. Nusa Dinamika Solusindo Engineering (NDS) is an Indonesian company, which provides engineering services (survey, investigation, design, and supervision) in construction works, has been established since January 2016. NDS was founded to support infrastructure development in Indonesia such as high rise buildings, bridges, and highway.

OUR VISION

Being world class engineering and service provider which gives the best solution for dynamic construction problems.

OUR MISON

- Building and keeping the trusts by constantly giving innovative solutions.
- Always improving our quality by doing research and developing construction technology.
- Creating comfortable working environment and bringing welfare to our employees in order to develop a competent and professional team.



We realize that construction problems are developing rapidly, so it becomes our mission to always learn and improve ourselves to be able to use the latest technology in civil engineering. Although we are a new company, we have experienced and excellent experts. That's why we are ready to be the best solution for your dynamic construction problems.

NDS Engineering believes there are four important elements in construction design projects, there are:

- Human Development
- Management
- Methodology & Innovative Solutions
- Health & Safety



HUMAN DEVELOPMENT

Human Development Company offers a wide range of professional training topics to enhance our team's knowledge and expertise. We focus on professional development and workplace issues, as well as personal development.



MANAGEMENT

A management system is the way in which an organization manages the inter-related parts of its business in order to achieve its objectives.



METHODOLOGY & INNOVATIVE SOLUTIONS

Overlooking information that might challenge how we think about the world comes all too easily to us. So, when we want to be creative and think new thoughts, we need strategies to challenge our habitual ways of thinking.



HEALTH & SAFETY

Our safety, health and environment (SHE) policy and practices centre around a zero-harm philosophy towards people, host communities and the environment.

Our Group

THE PROFESSIONAL TEAM OF NDS ENGINEERING

NO ORGANIZATION EVER CREATED AN INNOVATION. PEOPLE INNOVATE. NOT COMPANIES

When it comes to engineering services, having the right people working on the project is an absolute necessity – that is why NDS has recruited only the most highly skilled professionals to get the work done. We know all the right people in all the right places and we draw on this extensive contact base to employ industry knowledge and skills that add value to our clients' businesses. By having a sound technical and commercial understanding of the engineering industry, our core team of specialists are able to quickly identify the most feasible and practical solutions for our clients.



**Andreas Sinaga, M.T.
President Director**

Born in Bandung, November 7th 1990. He graduated from Parahyangan Catholic University, Bandung in 2012 and holds a master degree of Geotechnical Engineering from Institut Teknologi Bandung. Andreas's primary goal is making his clients successful. He maintains a powerful professional network that allows him to assemble customized teams to accomplish project goals. As NDS Engineering founder and President, he is personally involved with each and every project undertaken by the company. He is a member of the Indonesian Society for Geotechnical Engineering - ISGE (G-1).



**Ikhwan Ramadhan, S.T.
Technical and Operations Director**

Born in Bandung April 5th 1990, he holds a Civil Engineering degree from Parahyangan Catholic University. In his role as Technical and Operations Director, he is responsible for ensuring the delivery of quality engineering services that the firm is known for. Ikhwan has been instrumental in building NDS Engineering unified and efficacious team, working closely with managers and engineers to ensure schedules and budgets stay on track. A results-driven leader, he focuses on identifying the best solutions for the challenges posed by his clients, utilizing the diverse skills of NDS Engineering team and applying the necessary resources to get the job done.



**Binter Sinaga, S.E., Ak.
Commissioner**

Born in Samosir January 24th 1957, for more than three decades Binter Sinaga is involved in the business. During 1990s and 2000s Binter became top management at one of the biggest Indonesian Government Owned Company, PT. Dirgantara Indonesia, Commissioner of PT. Nusantara Turbin and Propulsions and Director of Finance of Dana Pensiun PT. Dirgantara Indonesia. With his qualities and massive experience, Binter focuses to keep our business stay on the track and keep aiming our goals as world class company.

MAIN TEAM

Our team of designers, engineers, and compliance experts are dedicated to your success throughout the project lifecycle. We pride ourselves on being able to provide innovative solutions to meet the toughest of scenarios. Our team is built around the principle of delivering to tight time-scales whilst maintaining our high standards of quality.



**Mandar Sugiharto, Ir.
Senior Geophysicist**

Born in Klaten 19th February 1958, he holds a Geophysical Engineering degree from Institut Teknologi Bandung (ITB). He has more than 35 years of experiences as Geophysical Engineer and Geophysical Department Head in various companies. With his massive experience, Mandar is ready to provide the best solution in every aspect of your engineering needs.



**Anugrah Wiryawan, S.T.
Operations Manager**

Born in Ambon 18th September 1990, he holds a Civil Engineering degree from Parahyangan Catholic University. Anugrah is a dedicated manager with expertise in overseeing all operational aspects of a fast-paced, heavy schedule of deadlines and thrives in challenging situations with a superior record of managing simultaneous projects. As operational manager Anugrah's responsibility is setting the foundations to allow the company to grow, by creating and developing a process to allow a smooth operation and by standardising the tasks that we do every day.



**Riva Rafsanjani Alhaq, M.T.
Project Management Engineer**

Born in Langsa, July 17th 1990. He graduated from Parahyangan Catholic University, Bandung and holds master degree for Construction Engineering Management from Institut Teknologi Bandung. Riva is dedicated in controlling project progress, ensuring availability of resource allocations, and coordinating with teams to achieve project goals set by the company.



**Muhammad Dicky Nurhadi, S.ST.
Geotechnical Engineer**

Born in Bandung 30th December 1994, he holds a Civil Engineering degree from Polytechnic State of Bandung. Dicky is a dedicated engineer utilizing the engineering principles of solid and rock mechanics, geology and construction to understand their effects on the physical environment. As Geotechnical Engineer Dicky's responsibility is setting the foundations to allow the company to grow, by creating and developing a process to allow a smooth operation, standardising the tasks that we do every day and performing geotechnical engineering analysis and preparation managing the construction.

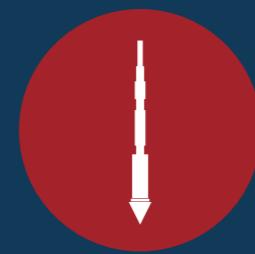
Our Services

We specialise in providing solutions and services that best suit your engineering needs including engineering design, soil investigation, survey mapping, geoelectric, material & structural investigation and soil mechanic laboratory.



ENGINEERING DESIGN

Structural Engineering
Geotechnical Engineering
Hydrology Engineering
Construction Management
Transportation & Pavement Engineering



SOIL INVESTIGATION

Drilling & Coring Sample
Standard Penetration Test
Cone Penetration Test (2.5, 5, 10 ton)
Cone Penetration Test with Piezocone (CPTu)
Dynamic Cone Penetrometer (DCP)
Field CBR Test
Sand Cone & Speedy Test
Plate Bearing Test



SURVEY MAPPING

Terrestrial Survey
Aerial Survey (UAV/drone)
Bathymetric Survey

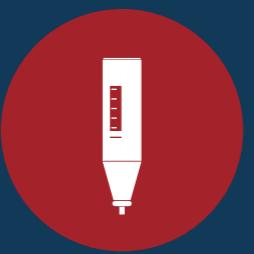
NDS Engineering have successfully worked on many small and large-scale projects. Our team uses innovative and advancing technology in each project, whilst also keeping your needs at the forefront of their mind. Throughout the duration of each project, our team takes the time to understand your needs and communicates with you. Our projects have been commended on several occasions. This is because we provide superior service and pay attention to every detail.

We listen to our clients and on every project our design strategy will be tailored, to suit the aspirations of the project. We can make a difference to projects and are committed to every projects, that provide the best combination of creativity and economy. We do this by providing strategic input at the early stage of the projects so that excellent concepts are established which can be successfully delivered.



GEOPHYSICAL & GEOLOGICAL SURVEY

Vertical Electric Sounding (1D)
Mapping / Profiling (2D)
Ground Penetrating Radar (GPR)
Downhole Seismic
Crosshole Seismic



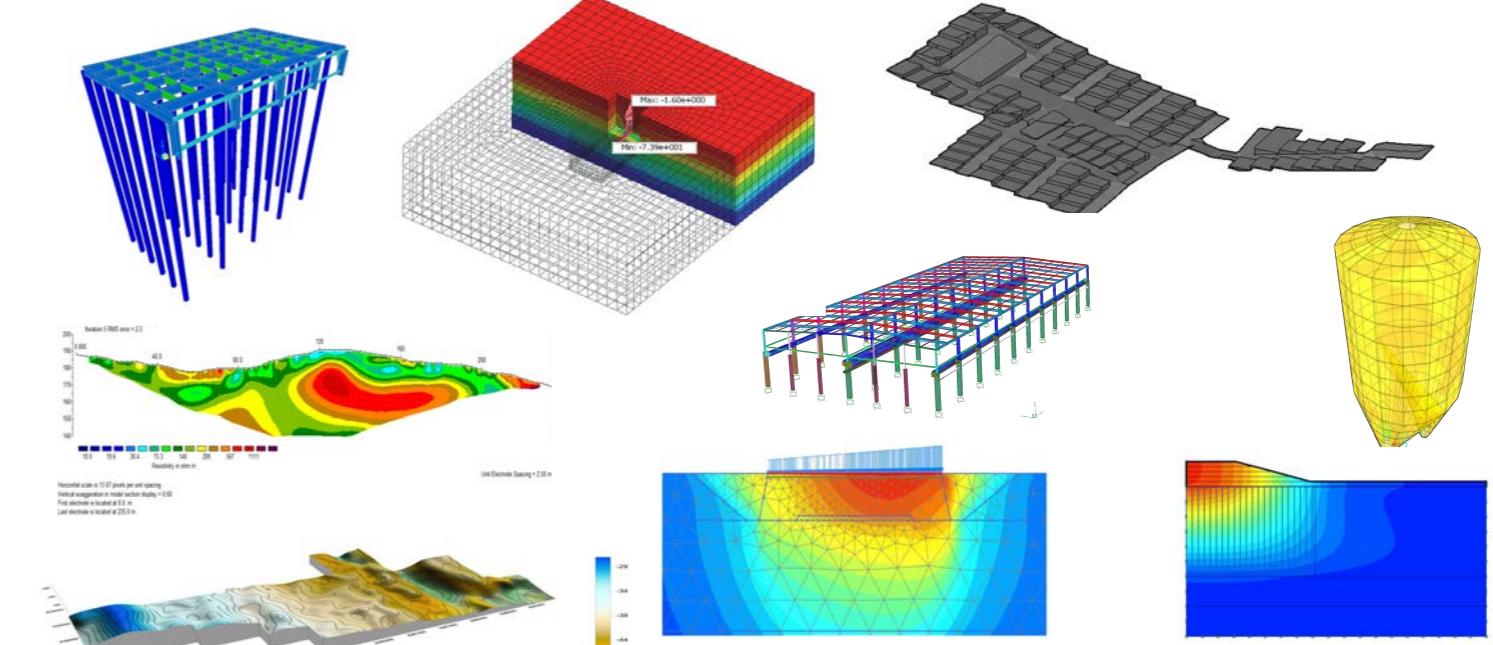
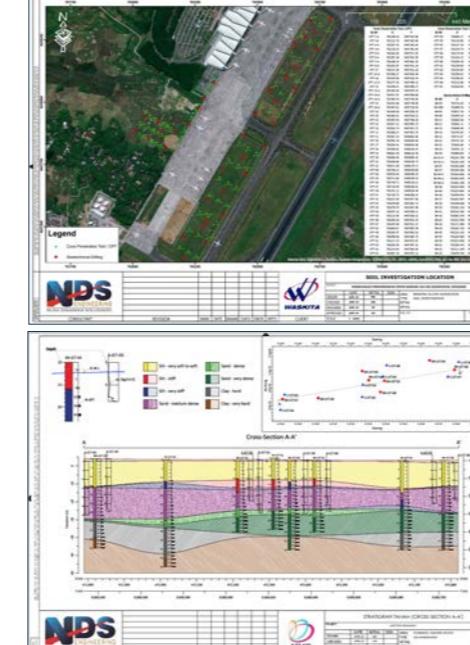
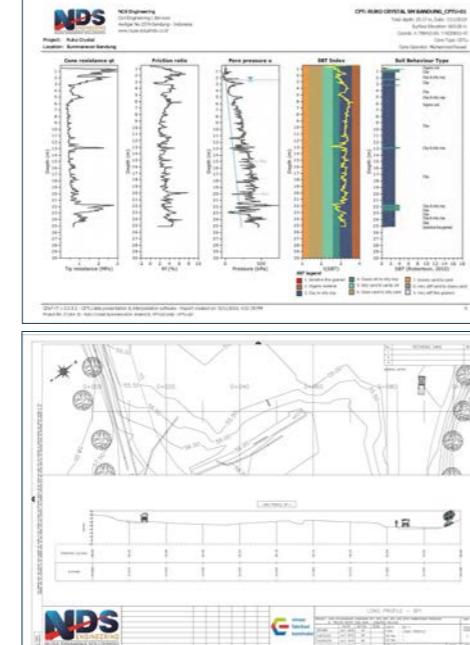
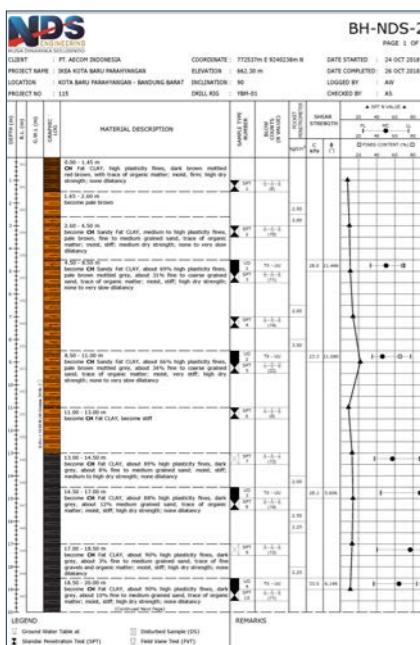
MATERIAL & STRUCTURAL INVESTIGATIONS

Desctructive Testing
Non-destructive Testing



SOIL & ROCK MECHANIC LABORATORY

Atterberg Limit
Natural Moisture Content
Unit Weight
Spesific Gravity
Sieve Analysis
Hydrometer
Consolidation
Triaxial UU/CU



Projects

SOIL INVESTIGATION

- Soil Investigation of Garut University Building Plan, in Garut, West Java, under PT. Mutiara Global
- Soil Investigation of Kolelet Bridge, in Rangkasbitung, Lebak - Banten under PT. Amarta Karya (PERSERO)
- Soil Investigation of Bandung Citylight Residence, in Padasuka, Bandung under PT Cipta Indah Pertiwi
- Soil Investigation of Feasibility Study "Penyediaan Jasa Simpang Susun Tak Sebidang" in Mohammad Toha, Bandung under PT. Mekaro Daya Mandiri for Public Work Service of Jawa Barat
- Soil Investigation of Office Build Plan, in Kelapa Dua, DKI Jakarta under PT. Aspac Pasific Konstruksi & Rekayasa
- Soil Investigation of Feasibility Study "Tempat Pembuangan Sampah Akhir (TPA)", under PT. Rekateknik Kreasi Indonesia
- Soil Investigation of DED Terminal 3 Pier 1, Soekarno-Hatta Airport, in Tangerang - Banteng, under PT Indulexo for PT Angkasa Pura II (Persero)
- Soil Investigation of Warehouse and Office Building Plan, in Indramayu - West Java under PT. Andalan Prima Indonesia
- Soil Investigation of "Rencana Teknik Terinci (RTT) Perluasan Terminal 1 (T1) dan Area Parkir Beserta Fasilitas Penunjang di Bandar Udara Juanda" in Surabaya - East Java, under PT. Indulexo for PT. Angkasa Pura I (Persero)
- Soil Investigation of Feasibility BSD Highway, under PT. Hi-Way Indotek Konsultan for PT. BSD Tol
- Soil Investigation of "Junction Kramasan Ruas Palembang-Indralaya-Kapal Betung" Kayu Agung, South Sumatera under PT. Multi Mulya Putra for PT. Waskita Karya (Persero)
- Soil Investigation of "Office Building" Jakarta under PT. Atelier Budaya
- Soil Investigation of "New Yogyakarta International Airport" Yogyakarta under PT. PP (Persero)
- Soil Investigation of "IKEA Store Bulding" Kota Baru Parahyangan, Bandung under PT. AECOM Indonesia
- Soil Investigation of "Pekerjaan Perencanaan Pengembangansi Fasilitas Sisi Udara Bandara Kualanamu (KNO)" in Medan - North Sumatera, undet PT. INDULEXCO for Angkasa Pura II (Persero)
- Soil Investigation of "Shell NTI" in Kota Baru Parahyangan Bandung, West Java, under PT. CIRA International

9



ENGINEERING DESIGN & CONSULTANCY

- Soil Structure Interaction Analysis of Kalibaru Port Development Design, in Tanjuk Priok - DKI Jakarta under PT. LAPI ITB for Indonesian Port Coorporation (IPC) II
- Soil Structure Interaction Analysis of Sorong Port Design, in Sorong - West Papua under PT. LAPI ITB for Indonesian Port Coorporation (IPC) II
- Detailed Engineering Design (DED) of Drainage Design, Poncowati Bridge, Way Gayor Bridge and Gunung Sugih Bridge in Lingkar Bandar Jaya - Lampung under PT. PANCA ARGA LOKA for Ministry Public Work of Indonesia
- Feasibility Study (FS) of Cawang and Kebon Baru Rusunawa Building in DKI Jakarta, under PT. Tri Tunggal of Ministry Public Work of Indonesia
- Detailed Engineering Design (DED) of Termanu Bridge, in Nusa Tenggara Timur under PT. HEXA MULIA KONSULTAN for Public Work Service of Nusa Tenggara Timur
- Detailed Engineering Design (DED) of Bandung Citylight Residen-- in Padasuka, Bandung under PT. CIPTA INDAH PERTIWI
- Detailed Engineering Design (DED) of Lotte Chemical Plant, Cilegon, Banten under PT. LAPI ITB
- Detailed Engineering Design (DED) of Junction Kramasan, Palembang under PT. Multi Mulya Putra for PT. Waskita Karya
- Geotechnical Consultancy of IKEA Store, Kota Baru Parahyangan Bandung under PT. AECOM Indonesia
- Detailed Engineering Design (DED) of Breakwater, Lanbang Project, Sumbawa under PT. Sumbawa Juta Raya
- Construction Management & Geotechnical Consultancy of IKEA Store, Kota Baru Parahyangan in Bandung under PT. Haskoning Indonesia (RHDV)
- Detailed Engineering Design (DED) of Main Tank 2 X 1000 KL Foundation Design Muara Pangulir – Sumbawa under PT. Sumbawa Juta Raya
- Detailed Engineering Design (DED) of Port Pangulir - Sumbawa under PT. Sumbawa Juta Raya
- Detailed Engineering Design (DED) of Port Pangulir Phase II - Sumbawa under PT. Sumbawa Juta Raya
- Settlement & Foundation Analysis of "Kantor Sewa Teknopolis 2" in Summarecon Bandung, West Java under PT. Mahkota Permata Perdana (Summarecon Bandung)
- Geotechnical Consultancy of "Future Building CK Mondelez International" Cikarang, West Java under PT. AECOM Indonesia
- Settlement & Foundation Analysis of "Kavling Commercial Magna 3" in Summarecon Bandung, West Java under PT. Mahkota Permata Perdana (Summarecon Bandung)
- Settlement & Foundation Analysis of "Kavling Boulevard Barat" in Summarecon Bandung, West Java under PT. Mahkota Permata Perdana (Summarecon Bandung)
- Settlement & Foundation Analysis of "Setiabudi Supermarket" in Summarecon Bandung, West Java under PT. Mahkota Permata Perdana (Summarecon Bandung)

10

Projects

SURVEY MAPPING

- Topographic Survey of Rencana Teknik Terinci (RTT) Perluasan Terminal 1 (T1) dan Area Parkir Beserta Fasilitas Penunjang di Bandar Udara Juanda" in Surabaya - East Java, under PT. INDULEXCO for PT. Angkasa Pura I (Persero)
- Topographic and Aerial Survey (UAV) of Feasibility BSD Highway, under PT. HI-WAY INDOTEK KONSULTAN for PT. BSD Tol
- Topographic Survey of DED Pembangunan Pabrik Kosmetik, Bandung
- Topographic Survey of DED Pembangunan Wedding Venue Buah Batu, Bandung
- Topographic Survey for Coal Exploration in IUP Mahakam Prima Akbar Sejati, East Kalimantan for PT. Mahakam Prima Akbar Sejati
- Topographic Survey for Coal Exploration in Blok Prahu, East Kalimantan for PT. Mulia Persada Kartanegara
- Topographic Survey for Andesit Exploration in Cilegon, Banten for PT. Bintang Delapang Resources
- Topographic Survey for Quartz Exploration in Lampung, for PT. Lampung Mineral Persada
- Topographic Survey for Nickel Exploration, Konawe Selatan, Sulawesi Tenggara under PT. Damai Abadi Samudra
- Topographic Survey of "Pekerjaan Perencanaan Pengembangansi Fasilitas Sisi Udara Bandara Kualanamu (KNO)" in Medan - North Sumatera, under PT. INDULEXCO for Angkasa Pura II (Persero)
- Topographic Survey "Pekerjaan Survei Teknik Desain (Std) Pembuatan Perbaikan Bangunan Sungai Di Bh 1120 Di Km 305+586 Antara Bumiayu - Kretek Wilayah Daop 5 Purwokerto" Central java under PT. INDULEXCO for Kereta Api Indonesia (Persero)
- Topographic Survey of "Pembangunan Fasilitas Produksi dan Injeksi Lapangan Jirak, Jirak Field, South Sumatera under PT. Elnusa Tbk.
- Topographic Survey of "Pendataan Posisi Pipa Terdampak Perencanaan Jalan Tol pada 3 Seksi Cibitung-Cilincing, West Java, under PT. Perusahaan Gas Negara.
- Topographic Survey of "K2 Warehouse Project, Karawang, West Java, under PT. Pacific Vantage Indonesia
- Topographic Survey of "MBI Sampang Agung Factory Extension, Mojosari, East Java, under PT. Haskoning Indonesia (RHDV)
- Topographic Survey of "Future Building CK Mondelez International" Cikarang, West Java under PT. AECOM Indonesia



GEOPHYSICAL & GEOLOGICAL SURVEY

- Soil Resistivity (SR) Survey of PGNs Pipeline Plan, in the a long Cipali Tol Road Area, West Java, under PT. NUR STRAIT ENGINEERING for Perusahaan Gas Negara/PGN
- Soil Resistivity (SR) Survey of PGNs Pipeline Plan, in the Dumai Road Area, Pekanbaru, under PT. NUR STRAIT ENGINEERING for Perusahaan Gas Negara/PGN
- Soil Resistivity (SR) Survey of Gas Pipeline Plan, in the Muarateweh Area, Central Kalimantan, under PT. NUR STRAIT ENGINEERING for OPHIR Indonesia Ltd.
- Vertical Electrical Sounding (VES) and Soil Resistivity (SR) Surveys of PLTMG Baubau, in the Baubau, Buton Island, under PT. QUANTUS CONSULTANT INDONESIA for PT. Perusahaan Listrik Negara/PLN
- Soil Resitivity (SR) Surveys of Coal Exploration in Marangkayu, East Kalimantan for PT. Mulia Persada Kartanegara
- Vertical Electrical Sounding (VES) of Groundwater Exploration in Jambi, Sumatera for PT. Magna Indonesia
- Soil Resitivity (SR) Surveys of Coal Exploration in IUP Mahakam Prima Akbar Sejati, East Kalimantan for PT. Mahakam Prima Akbar Sejati
- Soil Resitivity (SR) Surveys of Coal Exploration in Blok Prahu, East Kalimantan for PT. Mulia Persada Kartanegara
- Soil Resistivity (SR) Survey of Andesit Exploration in Cilegon, Banten for PT. Bintang Delapang Resources
- Soil Resistivity (SR) Survey of Quartz Exploration in Lampung, for PT. Lampung Mineral Persada
- Soil Resistivity 2D & 3D Survey for Nickel Exploration, Konawe Selatan, Sulawesi Tenggara under PT. Damai Abadi Samudra
- Ground Penetrating Radar (GPR) for "Pertigaan R25" Summarecon Bandung, West Java under PT. Mahkota Permata Perdana (Summarecon Bandung)
- Soil Resistivity (SR) Dermaga dan Kawasan Industri, Marunda, Jakarta for PT. Rekayasa Geoteknik Indonesia

The Client



We acknowledge that our future is tied to the future of our clients, and we drive for excellence in our services and innovation in our solutions to improve our client's outcomes both technically and commercially.

OUR CLIENTS SUCCESS INSPIRES US

We work closely with a wide range of clients from different sectors and regions across public sector, private sector and local and national governments.



PT. INDULEXCO
ARCHITECTURE & ENGINEERING CONSULTING SERVICES



elnusa
fabrikasi
konstruksi



Royal HaskoningDHV
Enhancing Society Together



AECOM



JGC



CONSTRUCTION & INVESTMENT



MMP



quantus



mahacoal



summarecon
BANDUNG



PT. MUTIARA GLOBAL INDUSTRY
OIL & GAS STEEL CONSTRUCTION



CLIENT STATEMENT



Muqwin Hakimy Syahza
Operations Manager
Indulexo



Pebri Hery, MT
Owner
Nur Strait Engineering



Dani Priatna
Operations Manager
Andalan Prima Indonesia

We always have our finger on the pulse of what's working for our customers, and what's not. We constantly seek feedback, both positive and negative, on our service and this feedback directly influences what changes we make for the next product update and service initiative, and also what parts need to stay exactly the same. This feedback is invaluable to us. All this can only be accomplished if our staff and our clients are happy. That's why we do everything we can to make every one of our customers and our staff feel acknowledged, appreciated, and heard. To us, each and every one is special.

"I have worked with NDS on several projects, including topographic survey and soil investigation at Soekarno Hatta and Juanda Airport. I have been consistently pleased with their professionalism, creativity, technical expertise, and thorough knowledge of relevant planning, engineering codes and standard."

"Without exception, on each and every occasion, we have been greeted with professionalism and courtesy, accompanied by a level of service that has been second to none. I would have no qualms about recommending NDS to other potential clients. Many thanks to the whole team, keep up the good work."

"I was impressed with the high quality of work performed as well as the conscientious and timely manner in which tasks were completed. NDS was there for us every step of the way providing creative and practical solutions to overcome each obstacle that lay in our path during the project."

"NDS technical experience along with their ability to perform within time constraints has saved us valuable time and money. NDS not only met but exceeded our expectations as a land use planning, surveying, civil and structural engineering design consultant . I would strongly recommend them to any client in need of these services."

"Untuk dua pekerjaan yang telah dikerjakan oleh pihak NDS kami an PT Andalan Prima Indonesia sangat senang dengan hasil kerja dan laporannya sehingga kami bisa membuat satu keputusan berdasarkan data yang kami peroleh. Kami berharap kerjasama dengan NDS dapat berlanjut pada proyek kami selanjutnya."



elnusa



WASKITA



wika Realty



PT Amarta Karya (Persero)



Sumbawa Jutaraya
member of ASTRA



API
Andalan Prima Indonesia



GENESIS



REKATEKNIK
ENGINEERING CONSULTANT & DEVELOPMENT



Magna

CONTACT US



Awiligar No. 237 A,
Bandung 40191 - INDONESIA



+ 622 204 50338



admin@nusa-solusindo.co.id

www.nusa-solusindo.co.id