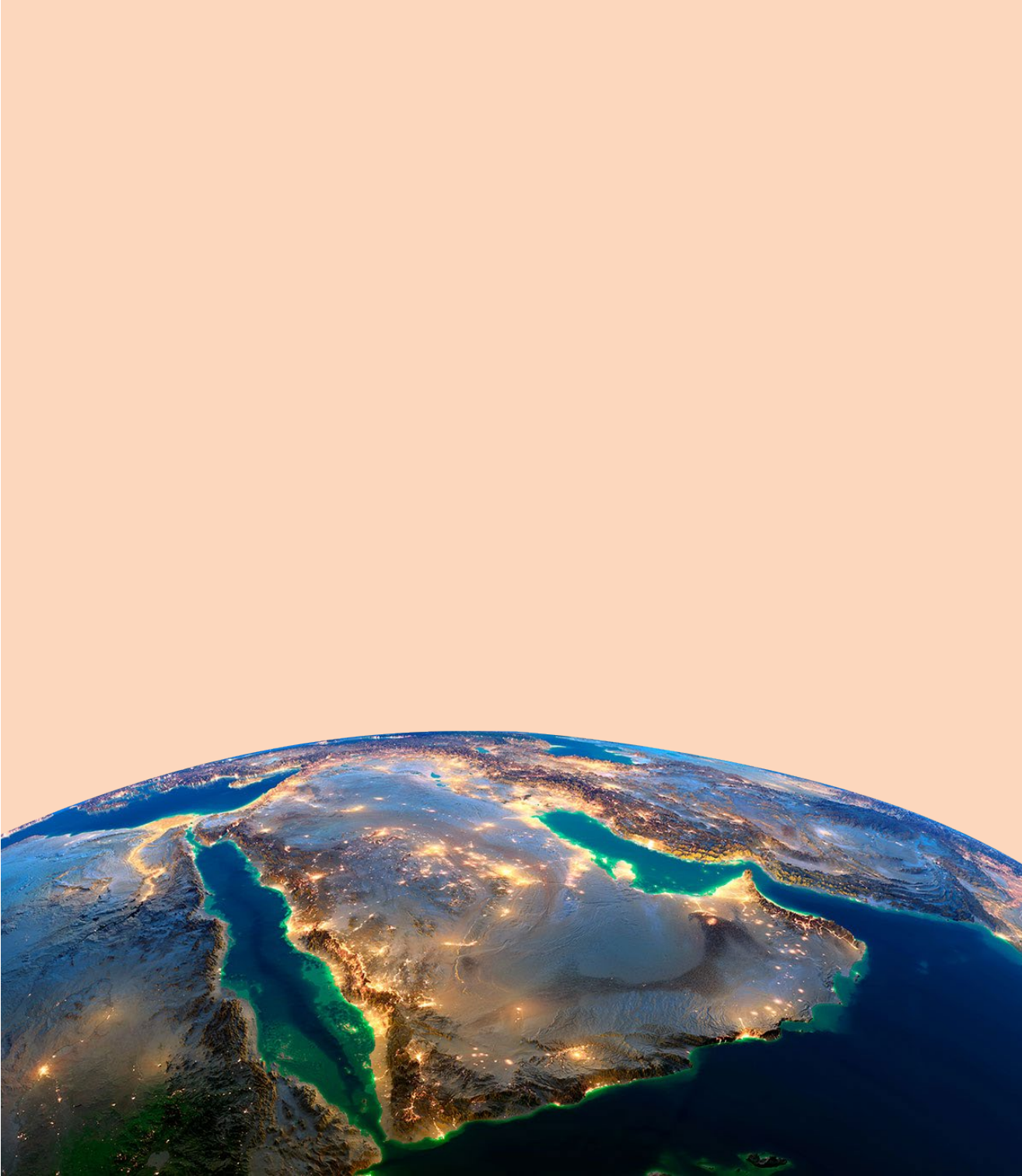




القطر
Alqotr

Mapping the beautiful future



▶ ABOUT US

▶ PROJECTS

▶ OUR VISION

▶ TEAM

▶ OUR MISSION

▶ CLIENTS

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ABOUT US

Al Qotr Surveying Company is a 100% Saudi Arabia based company, service provider in the field of Aerial Survey, Conventional Land Survey, 3D Laser Scanning, BIM & CAD services, Geospatial solutions for the acquisition, management, integration and dissemination of geospatial data work. We provide end-to-end solutions to the all the municipalities, Construction, Aeronautics, Defence, Government, Infrastructure, Natural Recourses Oil & Gas, Mining Transportation, Real estate, and Utility sectors.

We gather and collaborate with the highly qualified and experienced professionals to serve. Our qualified teams have developed a reputation for skilled project management, technical expertise, service quality, capacity, confidentiality and customer service. Our multi-disciplinary project teams pull resources from each specialty to deliver single-window solutions to clients.

Our Vision



www.alqotr.sa | info@alqotr.sa



We strive to maintain the leadership of companies in surveying services and to become the first national company in the Kingdom, and we aspire to be at the top of the list of service providers and consultancies in surveying in the Middle East.



Our Mission



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We are committed to providing the best surveying services in accordance with the best international standards and specifications. We also seek to effectively contribute to the field of surveying engineering in the Kingdom by investing in the latest technologies and providing continuous training to our technical and administrative staff.

Our Values



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“ We acknowledge that employees are our most important resource. We follow the principle of "excellence through our human staff by creating and maintaining a high-performance work environment. We encourage high performance through Al-Qotr philosophy, which embeds our core values in our responsibilities to each other, to the company, to our customers, and to the community.

Our Services



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- 
- A light blue world map is positioned in the background of the services list.
- Land survey
 - Land Assets Management
 - Terrestrial Scanning
 - Aerial / Drone Survey
 - Utility Mapping
 - GIS & Remote Sensing
 - BIM & CAD
 - Digital Twin
 - Traffic Survey
 - Urban Planning
 - Marine Survey



Land Survey

Topographic mapping inform serves not limited to construction, town planning, Utility Services, transportation, thematic data preparation, and natural resource and disaster management. Topographic gathers information through detailed studies and measurements in the field, to conduct thorough data analysis and valuable land surveying results.

- ▶ LAND ACQUISITION / EXPROPRIATION
- ▶ LAND REGISTRATION
- ▶ LAND ASSETS VISUAL SURVEY
- ▶ GOVERNMENTAL APPLICATIONS AND FOLLOW UP
- ▶ PRELIMINARY PROPERTIES STUDIES AND ASSESSMENT
- ▶ LAND MANAGEMENT SOLUTIONS



Land Assets Management

We provide detailed information on the feasibility of land to the decision makers with our industry expertise, as well as being able to furnish you with vital data to help you assess environmental risks and support your corporate decision-making processes. Whether you're a government-funded company or new to the real estate market or have already amassed a sizeable land portfolio, getting the right support with land management for both residential and commercial properties can help maximize your investments and give you peace of mind when it comes to these big financial decisions, whether this entails raising extra funds or not.

- ▶ LAND ACQUISITION / EXPROPRIATION
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Terrestrial Scanning

We adopt the latest technology to capture the reality which is highly effective method of rapidly capturing as-built information in rich detail. Our digital point cloud is very precise for the recoding accurate measurements and documenting as 3D Models in any format or Level of detail (LOD). 3D Laser Scanning including mobile mapping technology has shown itself to be quicker, safer and more accurate than other measurement techniques.

- ▶ 3D LASER SCANNING SURVEY SERVICES
- ▶ MOBILE MAPPING SURVEY SERVICES
- ▶ TOPOGRAPHIC MAPPING
- ▶ 3D DOCUMENTATION
- ▶ HERITAGE DOCUMENTATION AND RECORDING
- ▶ VISUALIZATION AND VIRTUAL REALITY



Aerial / Drone Survey

We plan, collect, process, and delivered geospatial data, and we are specialised in airborne data acquisition such as laser scanning, vertical aerial imagery, Oblique imagery, thermal imagery and moreover offer a complete range of photogrammetric services.

We work with our strategic partners to deliver high-quality and cost-effective solutions to meet our client's budget and project requirements. We pride ourselves on our strict quality control standards to ensure that every project we undertake meets or exceeds accuracy standards.

- ▶ AERIAL MAPPING
- ▶ MINING INDUSTRY MAPPING
- ▶ ASSETS INSPECTION
(BRIDGES , SOLAR PANEL , VEGETATION ...)
- ▶ FILMING AND PHOTOGRAPHY
- ▶ PROJECT PROGRESS MONITORING



Utility Mapping Services

Al Qotr company provides comprehensive Utility Mapping & GPR. surveys are essential during the initial design & planning stage when considering the construction of new structures or infrastructure. Detailed and accurate plans which show where utility services are located allow a safer working environment and a cost-effective way to help plan any construction or building works.

- ▶ UTILITY LOCATION AND MAPPING USING GPR
- ▶ UTILITY DATA COLLECTION AND INTEGRATION
- ▶ UTILITY CONFLICT ANALYSIS
- ▶ UTILITY INFRASTRUCTURE MANAGEMENT
- ▶ 3D VISUALIZATION AND MODELLING

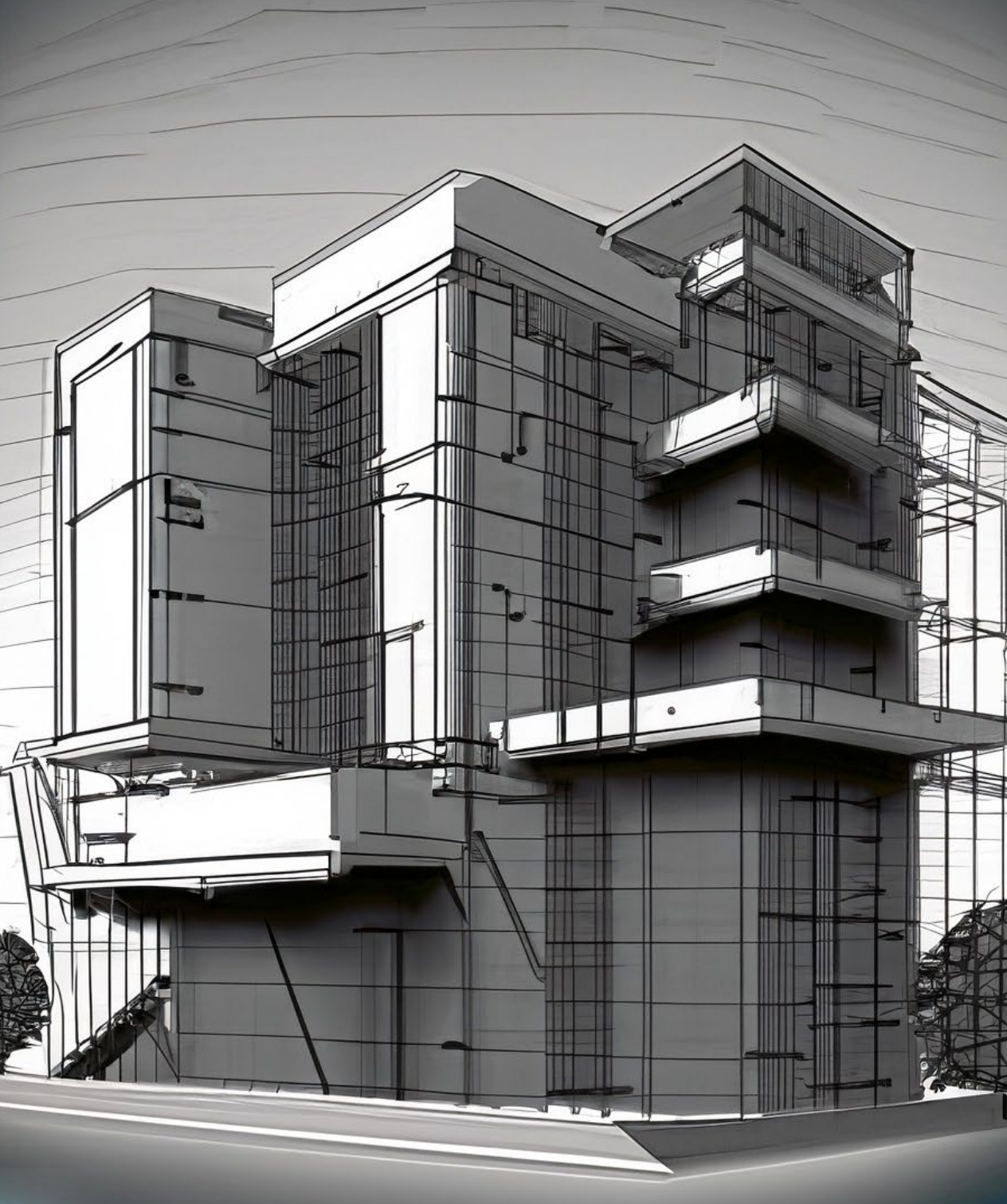
GIS & Remote Sensing

Extracting the 3D information from the photographs involves art and science and it is called as Photogrammetry. The process begins with taking photographs from the different sources & positions and inputting them into photogrammetry software, with the output being a drawing, measurement, map or 3D model of a real-world object or scene. The process involves taking overlapping photographs of an object, structure or space and converting them into 2D or 3D digital models.

Al Qotr have a handful of experience in Digital Photogrammetry, Digital Orthophotography, LiDAR Data processing, Topographic and Planimetric Mapping and related services. We constantly adopting by staying on the leading edge of technology and providing our clients with unmatched photogrammetric services. Photogrammetry, or stereo mapping, from aerial photography provides accurate and cost-effective identification and measurement of terrain and topographic features, significantly reducing the need for field survey. Orthophotos combine the visual information of aerial photography with the positional and scale accuracy of a map.

We have a great experience in GIS & Photogrammetry services which allow us to provide complete solution to our client starting from acquisition of aerial data to produce final product as per client speciation. We are committed to supporting our clients & providing the best possible service in Kingdom of Saudi Arabia.

- ▶ CREATION OF DIGITAL MAPS & PLANS
- ▶ SPATIAL ANALYSIS
- ▶ VECTORIZATION OF AVAILABLE CARTOGRAPHIC MATERIALS
- ▶ VECTORIZATION OF GRAPHIC DOCUMENTS
- ▶ DIGITIZATION OF TOPOGRAPHIC MAPS
- ▶ UPDATING OF CARTOGRAPHIC MATERIALS
- ▶ DEM / DSM
- ▶ FEATURE EXTRACTION
- ▶ IMAGE ENHANCEMENT
- ▶ SPATIAL FEATURE EXTRACTION
- ▶ IMAGE PROCESSING

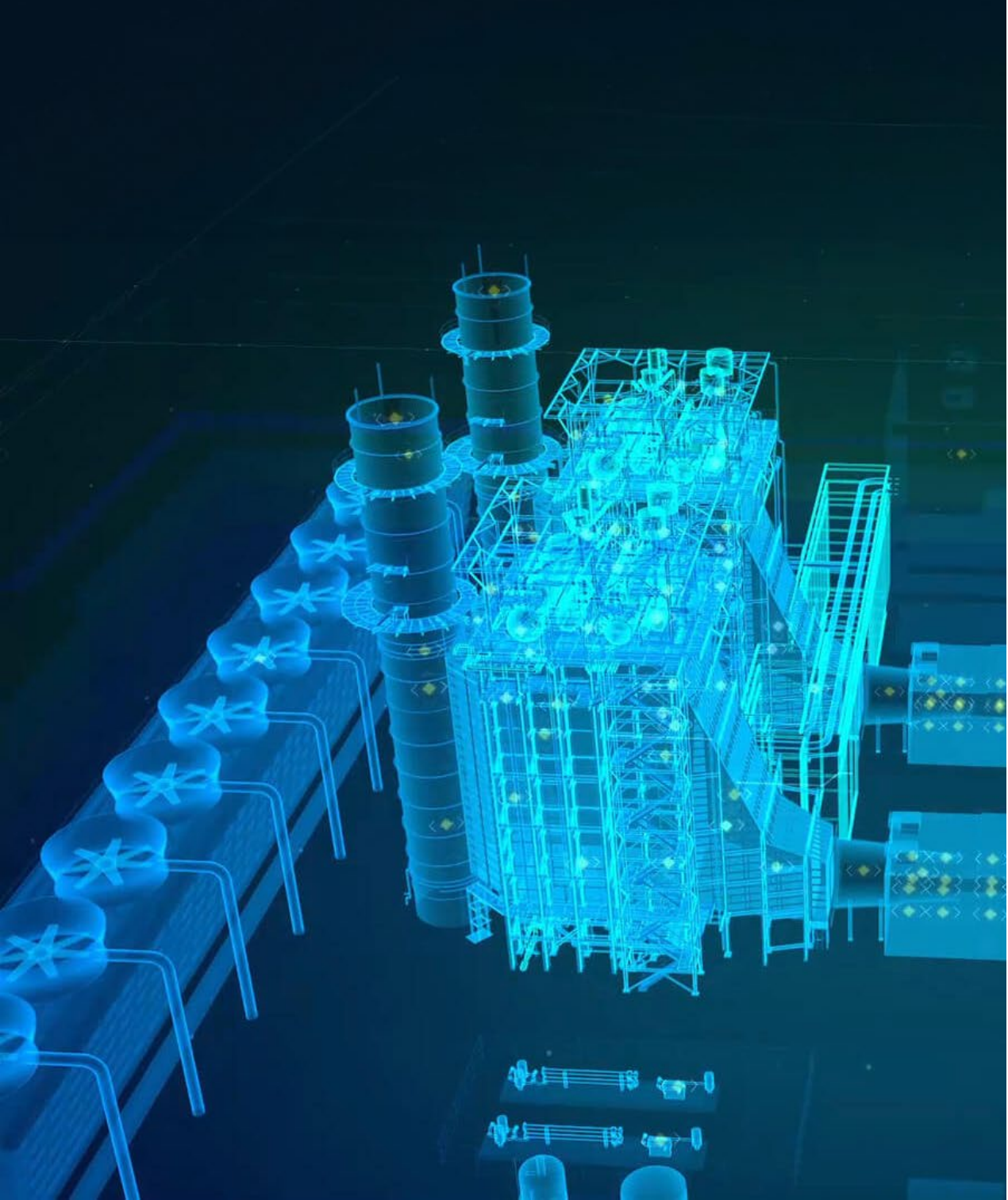


BIM & CAD Services

Al Qotr offers the vast verity of services in BIM & CAD service. We are recognising service provider and a trusted engineering services partner to manufacturers, fabricators, contractors, and builders, helping them improve process efficiency by embracing new technology. We deploy a strategic taskforce of engineers, architects and 2D/3D CAD drafting experts to transform your product concepts or building design ideas into tangible outcomes.

We are the Professionally strong in offering design support services across the industrial architecture, engineering, and construction. Our experienced & skilled team included architects, engineers, interior designers, and CAD technicians. Our senior management encourage to explore latest cutting-edge technology available in the market. With the right mix of talent and domain expertise, in past our team designed a seamless process to offer Architectural CAD and BIM services. We want to give a best service to our clients like CAD documentation service, BIM service, Conceptual services, CAD to BIM and MEP services in different applications.

- ▶ BIM 3D MODEL
- ▶ 3D CLASH COORDINATION
- ▶ SHOP DRAWINGS
- ▶ 2D TO 3D MODELS
- ▶ SCAN TO BIM
- ▶ DRAFTING SERVICES
- ▶ STRUCTURAL MODELING
- ▶ MEP MODELING



Digital Twin

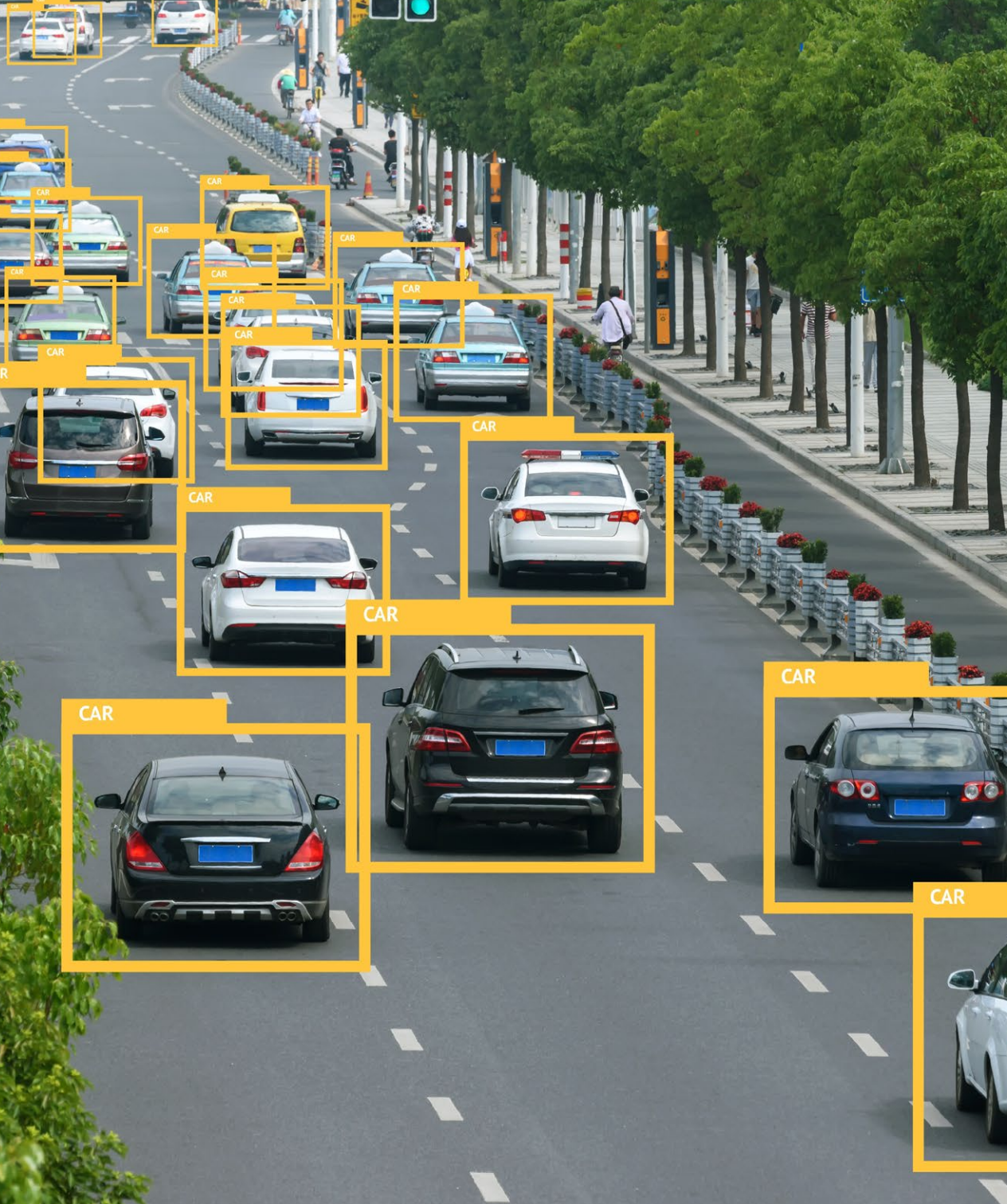
We provide a one-on-one representation of a building in use, replacing design assumptions with real data and physics-enabled calculations to result in a calibrated or operational model of the building which updates and responds in real-time.

Digital Twins are complex and key to achieving a decarbonized built environment. Providing a data-rich, and highly accurate 1:1 digital representation of your building (or multiple buildings) a digital twin can serve many useful applications, providing decision support information needed to improve asset performance, influence future building design, and reduce risk. Encompassing everything from initial concept and design, through to continuous monitoring, fault detection and maintenance planning, and testing of new ideas or “what if” scenarios. Providing an essential decision support tool to help define, implement, monitor, and refine net-zero strategies and interventions across your building assets.

Our professional team is ready to take a challenge, whether that be on a single building, portfolio, campus, city, or other community scale project, our team offers unparalleled expertise to help you take the first step in creating a bespoke Digital Twin tailored to your specific project requirements. Ultimately providing you with an invaluable digital asset to support and optimize performance across the entire lifecycle of your buildings.

- ▶ **DIGITAL TWIN DEVELOPMENT**
- ▶ **DATA INTEGRATION AND ANALYTICS**

- ▶ **VISUALIZATION AND SIMULATION**
- ▶ **ASSET LIFECYCLE MANAGEMENT**



Traffic Survey

Collecting the traffic data with a digital approach for our stakeholders in order to provide accurate results. It also gives the client a visual understanding of the site that we are surveying, as well as quality assurance.

We understand the complexity of data collection in highway and traffic engineering. Providing accurate data at the concept stage allows the engineers to design and model schemes with the confidence and knowledge that the data is a true reflection of the current conditions.

- ▶ TRAFFIC COUNTING
- ▶ DATA ANALYSIS AND REPORTING

- ▶ TRAFFIC IMPACT STUDIES

Urban Planning

Our dedicated town professionals serve a wide range of planning services for clients from both the private and public sectors, presenting the best possible case for new development and finding a route through complex planning issues.

Planning can be a complex business, we conduct initial planning evaluations and due diligence to demonstrate the feasibility of a project with cost-effectiveness and produce planning strategies and specialist advice to help inform a diverse range of planning applications, including negotiating and preparing environmental impact assessments and heritage planning. As policy experts, we provide the most up-to-date advice, combined with our local knowledge to help clients maximize their chance of getting the consent they need with our potential

- ▶ PRELIMINARY ASSESSMENT
- ▶ STRATEGIC PLANNING
- ▶ LAND USE PLANNING
- ▶ STRUCTURAL PLANNING
- ▶ MASTER PLANNING
- ▶ URBAN DESIGN
- ▶ URBAN PLANNING STUDIES



Marine Survey

We provide specialized hydrographic, bathymetric and geographical survey services that cover a broad variety of hydrographic disciplines. Whether it be offshore or near shore – we have them both covered.

we pull the industry experts to our roof. We as a professional we have a strong association in global range. state-of-the-art technology and software, empowering us to deliver an exclusive, tailored data resolution to your specific needs. Survey systems are selected based on the scope of work, water depth, operating frequency, range from shore, accuracy requirements, seabed conditions, and size of vessel.

- ▶ MULTIBEAM & SINGLE BEAM BATHYMETRIC SURVEY
- ▶ MARINE GEOPHYSICAL SURVEYS
- ▶ TIDAL OBSERVATION
- ▶ MARINE ENVIRONMENTAL SURVEYS

OUR PROJECTS

SUCCESSFUL PROJECTS

150+

OUR PROJECTS

Projects Overview

Riyadh Municipality	Consultancy studies to identify, document, and archive dilapidated, dilapidated, and abandoned buildings.
PIF	Property study project north of Riyadh.
PIF	Study of lands north of Riyadh - North Pole.
PIF	Land surveying works for the project to identify and study the properties located within the King Salman Industrial and Logistics Services Project.
ROSHN	Project of land surveying works in Jeddah and verifying the validity of Croquie.
PIF	Study of lands west of Riyadh DQ - Land Survey.
Ministry of Housing	Land surveying works and marking the boundaries of some ministry land sites.
Elm Company	Land surveying project for some government property sites at the Ministry of Finance.
Ministry of Culture	Technical support project for land surveying works for the sites and buildings of the General Authority for Tourism and Antiquities.
Jeddah Municipality	Phase III of the land surveying projects to update the geospatial database.



بلدية أبها
ASIR MUNICIPALITY

OUR PROJECTS

ACTIVATION URBAN PLANS PROJECT

Leica

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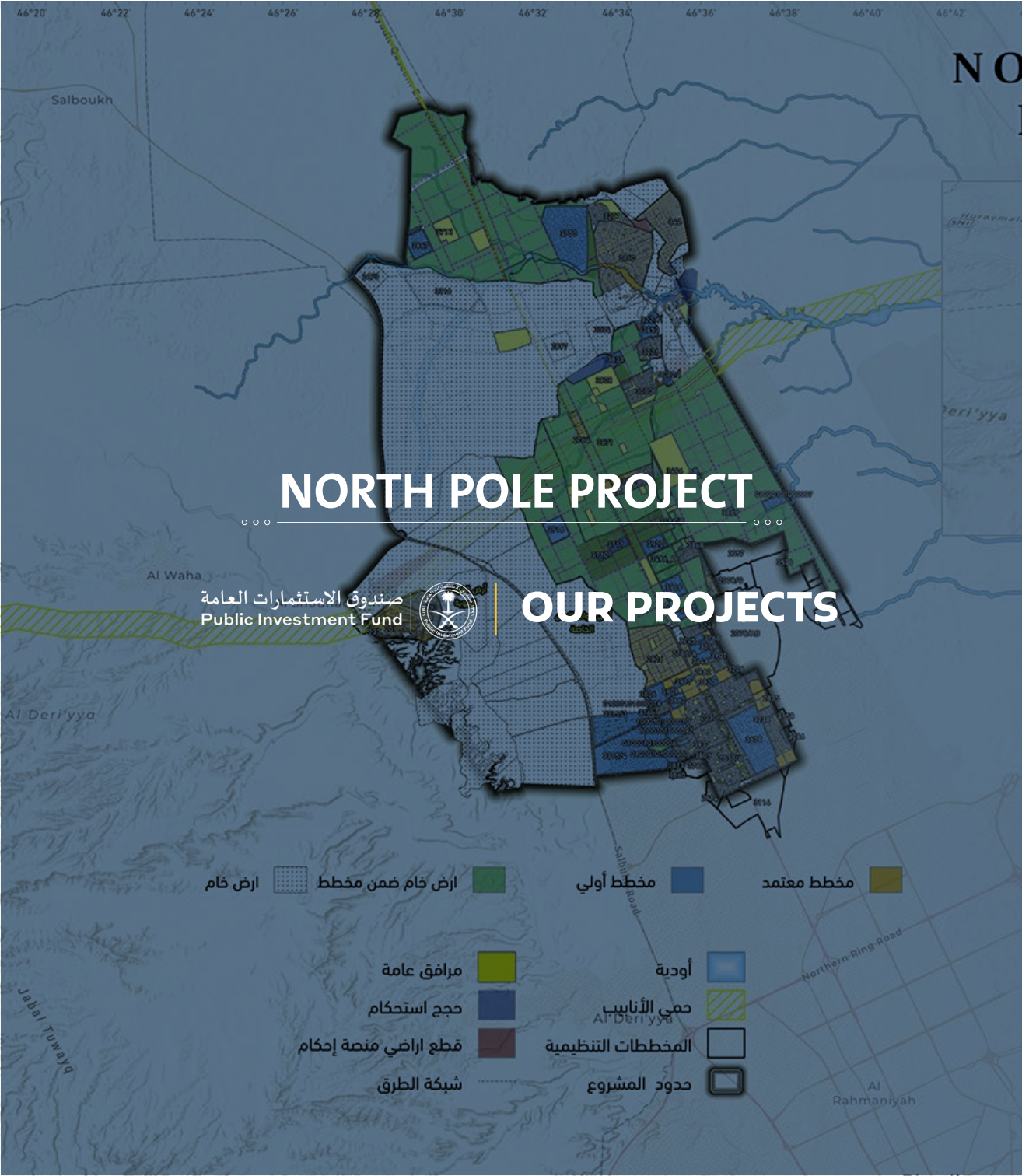
4 CORES

Installing 4 cores station serving Abha and its surrounding centers.

200 POINTS

Install 200 geodetic points assisting in updating the base map, surveying Works, updating plans and demarcation properties.

The project aims to produce a strong base map through comprehensive surveying works for all the Roads, infrastructure facilities buildings that exist on the ground for the city of Abha, rural area, and affiliated centers.



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8823

The number of
title dead studied

72

Number of
plans Studies

**NORTH
P O L E
PROJECT**

320 KM²

The number of
surveyed meters

15,265

The number of
issued cadastral
report

PREPARATION OF PRELIMINARY ASSESSMENT FOR LAND PARCELS ACROSS KING ABDUL AZIZ ROAD



OUR PROJECTS

روشن



The purpose of the project was to evaluate the vacant lands (about 532 lands) located along the King Abdelaziz corridor at Jeddah city, to reach a decision on the feasibility of benefiting from these lands by studying the urban and environmental characteristics of each sector, ending with a SWOT analysis. The Assessment of the current status of development in the city and surrounding areas has been reached through:

- Identifying all the white lands within the project area by collecting the available information from the concerned authorities as well as the visit of the site.
- Meeting all related authorities to ensure and collect all information.
- Listing the existing conditions and surrounding constraints, highlighting any types of pollution with collecting environment public Authorities visions.
- Determining and identifying Urban variables (location aspects, surrounding land uses, accessibility, connectivity, exposure, building patterns,).
- Studying General site hydrology and drainage
- Defining the appropriateness of plots development



OUR projects

Activation of plans and urban space project



9736

Number of Inclusions

646

Number of Buildings

852

Number of Land Deeds

1126

Number of Properties

- Total Station ●
- TERRESTRIAL/PORTABLE LASER SCANNERS ●
- ArcGIS Desktop, ArcGIS Pro, GIS ●
- EDM ●
- GPS ●
- Drone ●
- MMS ●



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Our prominent projects with Riyadh Municipality

- 1 - Preparing urban development plans for private and government plans for villages and homesteads in the Riyadh region - Riyadh Municipality Agency.
- 2 - Urban uplift project and study of structural plans in Al-Qwaiya - Riyadh Municipality Agency.
- 3 - Preparing urban development plans for approved plans in Al-Muzahimiyah - Riyadh Municipality Agency.
- 4 - Preparing topographic surveys and urban development plans for high-value land in Lake Khair - Land Agency.
- 5 - Preparing topographic surveys and updating plans for compensation lands - Land Agency.
- 6 - Preparing urban development plans for municipal centers in Al-Jamsh and some forces and centers in the Riyadh region - Riyadh Municipality Agency.

Our prominent GIS projects:

- 1 - Updating geographic database phase 3 / Jeddah Municipality
- 2 - Updating geographic database phase 4 / Jeddah Municipality
- 3 - GIS project in Taima - Tabuk Municipality
- 4 - Real estate and GIS study in North Riyadh - Public Investment Fund
- 5 - Property and GIS study in West Riyadh - Public Investment Fund
- 6 - Property and GIS study in North Riyadh - New Square Development Company
- 7 - Real estate and GIS study in King Salman Industrial Area (Glory) - Public Investment Fund.

GIS



Our prominent projects with Roshn company in Riyadh

- 1 - Hydrological and topographic study project in Sidera area
- 2 - Preparing a structural land division plan for Roshn Real Estate Company's land at the airport, with an area of 12 million square meters
- 3 - Preparing preliminary studies for Sidera 8 ,7 ,6 project
- 4 - Preparing subdivision plans for Sidera (5 ,4 ,3 ,2 ,1) land parcels for the structural plan number (3944).



Our prominent projects with Roshn company in the western region:

- 1 - Topographic survey and plan approval project in Makkah region
- 2 - Preliminary study project to determine the suitability of the site for UJC communities' development
- 3 - Jeddah Airport land project (environmental, hydrological, infrastructure, traffic, underground - topographic geotechnical studies)
- 4 - Preliminary studies for Renaissance project in Jeddah with an area of 44 million square meters
- 5 - Preliminary studies for King Abdulaziz Road Jeddah axis (Spine Project).



Our prominent projects with Roshn company in other regions:

- 1 - Topographic survey and plan approval project in Al-Hofuf
- 2 - Topographic survey and plan approval project in Al-Qatif.



وزارة النقل والخدمات اللوجستية
Ministry of Transport and Logistic Services



صندوق الاستثمارات العامة
Public Investment Fund



أمانة منطقة الرياض



وزارة المالية
Ministry of Finance



أمانة جدة



تنمية
البرنامج الوطني للتنمية
المجتمعية في المناطق



الشركة السعودية للكهرباء
Saudi Electricity Company
نعمل بإتقان من أجلكم



سابك
عندك



مدن MODON
أمانة المنطقة الشرقية
Saudi Authority for Industrial Cities and Technology Zones



أمانة منطقة
المدينة المنورة
Madinah Regional Municipality



أمانة منطقة عسير
ASIR MUNICIPALITY



القديسة



لجنة الملكية لمدينة الرياض
ROYAL COMMISSION FOR RIYADH CITY



هيئة تطوير منطقة مكة المكرمة
Makkah Region Development Authority



مدينة الملك عبد الله للطاقة
الذرية والمتجددة K-A-CARE



وزارة الشؤون البلدية
والقروية والإسكان
Ministry of Municipal Rural Affairs & Housing



K-A-CARE



أمانة منطقة الحدود الشمالية
Northern Borders Region Municipality



غرفة الرياض
Riyadh Chamber



وزارة الثقافة
Ministry of Culture



Our Team



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👥 Our engineers have a high level of experience and competence in project management. Their performance is based on credibility, quality, and accountability, which qualifies them to provide the best levels in all stages of the project. In addition, they have experience in dealing with contractors, suppliers, and other companies, which enables them to manage the schedule in the required form and quality.

CONTACT US | تواصل معنا

Head Office



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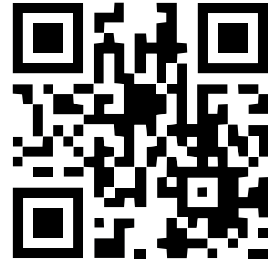
Jeddah, Alsharafeyah District
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