

ATTABY CONSULTANCY


عتابي للاستشارات الهندسية

BUILDING CITIES ... CREATING CIVILIZATIONS
WITH PASSION FOR PERFECTION



ATTABY
CONSULTANCY
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“ In a world of mega corporate establishments and companies, big names stand out .. names abbreviated into initials... letters put together that take over the world and are recognized at first glance ”

WHAT WE STAND FOR ...

ACCOMPLISH the impossible

THRIVE for perfection

TAILOR projects

ADAPT to environments

BUILD reputation

YIELD results

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I. LAYING THE FOUNDATIONS

1st of his class [1979] in Ain Shams University School of Engineering is when it all started. Prof. Dr. Mohamed Attaby then achieved his Doctorate of Philosophy from Pierre and Marie Curie University in just 2 years. In recognition of his achievements, he issued more than 50 Publications worldwide.

Our Chairman's Message:

"Attaby Consultancy was established on July, 1979 in Cairo, Egypt under the name of The Engineering Office for Consultancy and Development Studies (AC). AC has been able to maintain such high standards of practice by hiring only the highly educated and most experienced in the Engineering field. AC has shaped the infrastructure of our world today starting from oil & gas industry and complex industrial facilities to an Engineering and Consultancy fully-fledged Alma Mater Pillar. "

Dr. Mohamed Attaby



Omar Attaby CEO of Attaby Consultancy

Eng. Omar Attaby graduated with a degree of Construction Engineering January, 2013 from American University in Cairo. He broadened his education and knowledge by taking a professional certificate of Energy Innovation & Emerging Technologies from Stanford University, California. Followed by Advanced Corporate Financial Modeling Certificate from AUC in 2014. Yet he didn't stop there Eng. Omar finished his Financial Boot Camp Certification and the Six Sigma Yellow Belt Process Management Certification from Frankfurt School of Finance & Management, Germany, 2015. Concluding it by getting his Master's degree in Corporate Finance in 2016.

Nevertheless Eng. Omar Attaby made a name for himself by using different practices to ensure first class quality served globally and upholding the highest ethical and engineering standards. He is driven by his passion for excellence and innovation.



II. A PATH TO PERFECTION

More than 40 years in the Engineering Consultancy field; Attaby Consultancy is well known as the Multidisciplinary Engineering Consultancy worldwide that provides a state-of-the-art full-fledged key design service. Attaby Consultancy is determined with its astounding legacy and its high-quality projects by ensuring a more diversified workforce and personally overseeing all the mega-scale projects.

AC is destined by its dedication to quality and excellence while ensuring exquisiteness, character, and luxury in the lifestyle for the future to meet the satisfaction of our clients. As this commitment has allowed the team to deliver the best quality service on each project on hand.

Our team of professional academics and skilled field engineers are equipped with knowledge in all sectors and unique talents as they believe in the value of services that they are providing for each project. Attaby Consultancy's team have grown on a solid reputation of proficiency, skills, and managing projects with flexibility, adeptness, creating dependable designs and conducting meticulous studies.

Attaby Consultancy is set up to provide practical and effective solutions to any challenge, through undertaking modifications based on field updates day by day while being cost effective.



III. STATEMENTS



Vision:

To be the world most valuable Engineering consultancy co while exceeding client expectations, commitment to ethical standards and granting effective solutions to challenges in dynamic environment.

Mission:

Creating a unique and sustainable competitive position in local and global markets through providing innovation and distinctive value proposition to our clients

Operate with integrity and create real economic value through achieving sustainable ROIC and revenue growth.

Organize the workplace in a way that each employee can learn, contribute and grow

Values:

Integrity, Commitment, Sustainability, Team Spirit

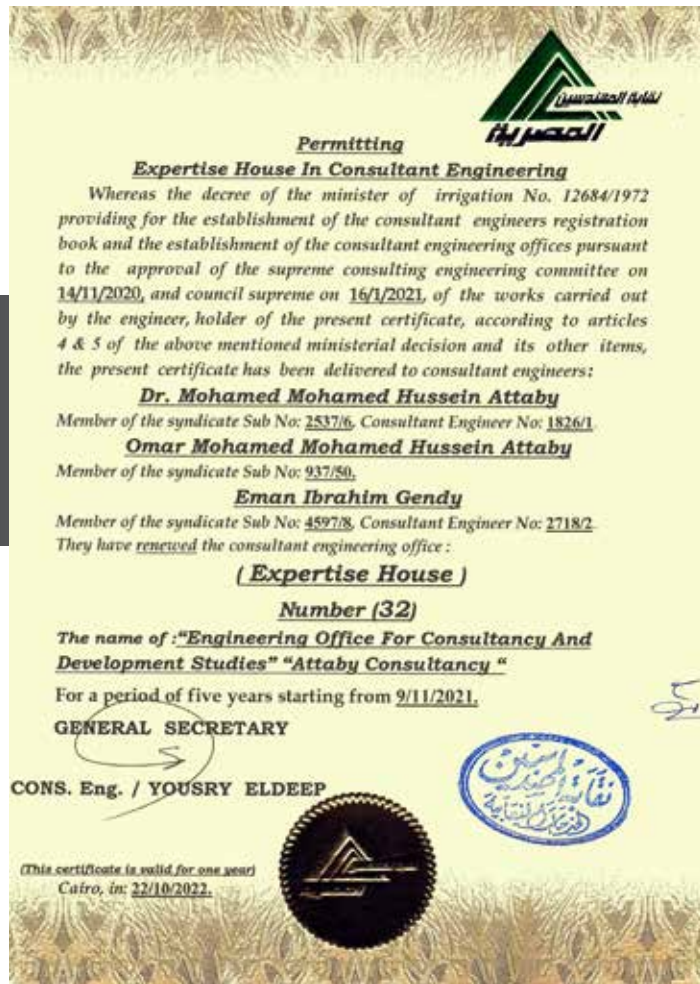
Scientists study the world as it is; Engineers create the world that has never been!"

We aim to build cities and create civilizations with a passion for Innovation, perfection and Integration.

Theodore Von Karman



IV. HOUSE OF EXPERTISE



House of Expertise - an official classification by the Egyptian Engineers Syndicate, it is a proven track record in all Engineering disciplines and industries. As well as being the highest classification that can be given to an Engineering Consultancy in Egypt.



V. INNOVATIONS

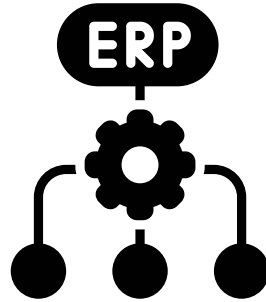


At Attaby Engineering Consultancy we work together as a union in-which common people achieve uncommon results by ensuring further innovations across variety of sectors. We make sure that our clients receive wide ranges of up to date insights that will smoothen the process of decision making & project development.

At AC we optimize better ways of working and better outcomes for business and the built world outside and inside the office, which leads us to follow and be obliged to fulfill the AIA International code system.



AMERICAN INSTITUTE OF ARCHITECTS



ENTERPRISE RESOURCE PLANNING



BUILDING INFORMATION MODELLING



VI. QUALITY CERTIFICATES



ISO 45001 Occupational Health & Safety Management



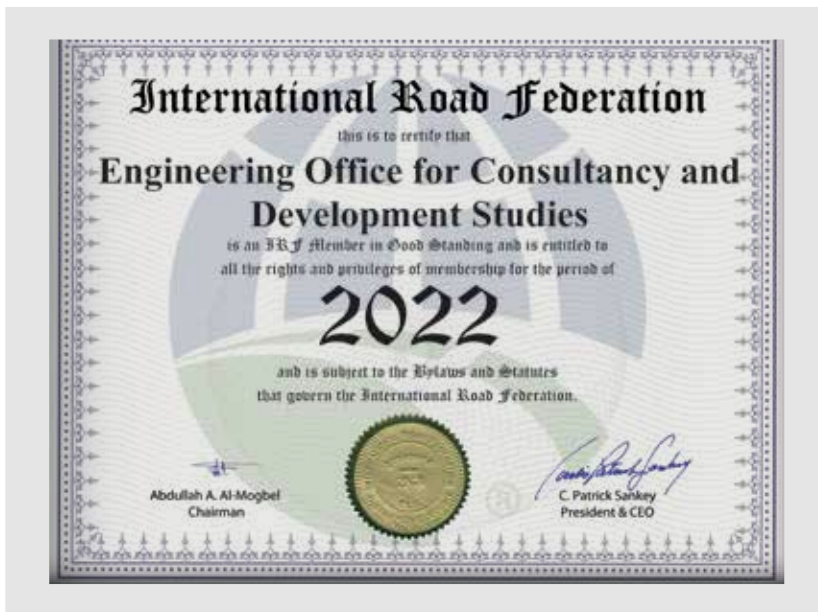
ISO 9001 Quality Management System



ISO 14001 Environmental Management System



US Green Building

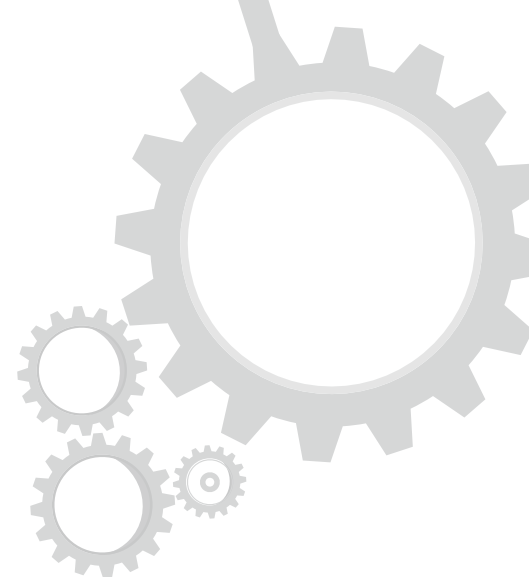


International Road Federation

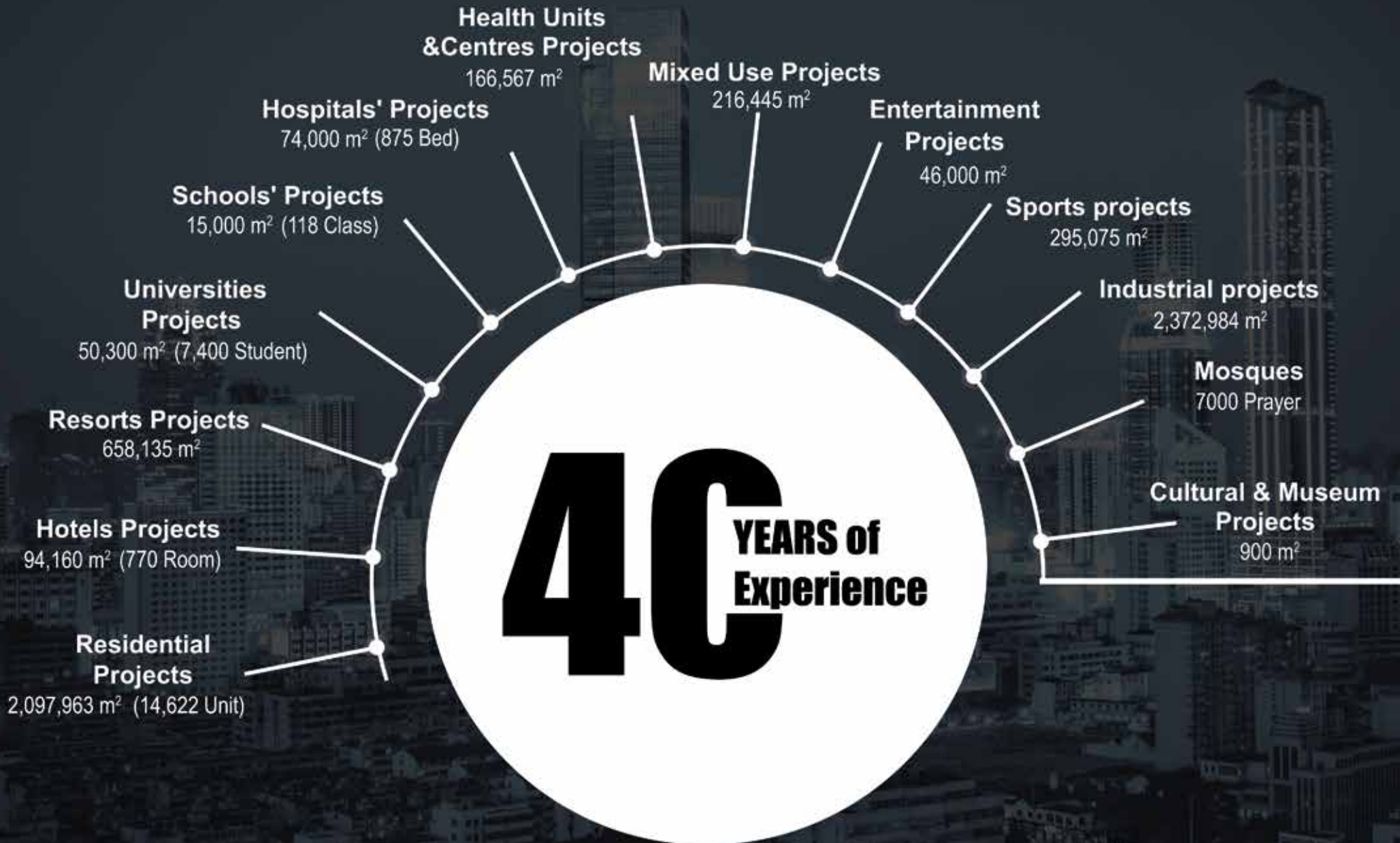


VII. ACHIEVEMENTS

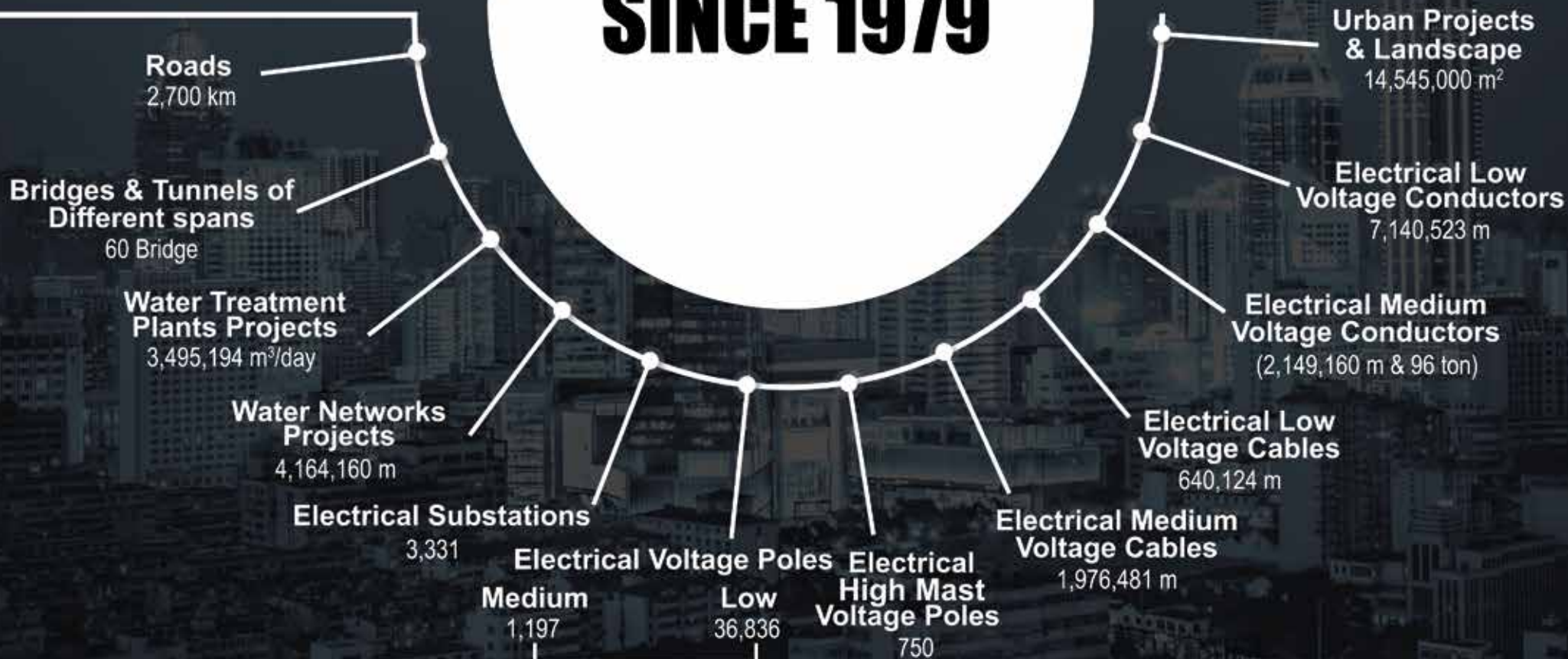




With over **40 years** of experience, Attaby Consultancy has managed to excel through projects executed in multiple different industries and sectors.



SINCE 1979



VIII. BRANCHES

UK
London

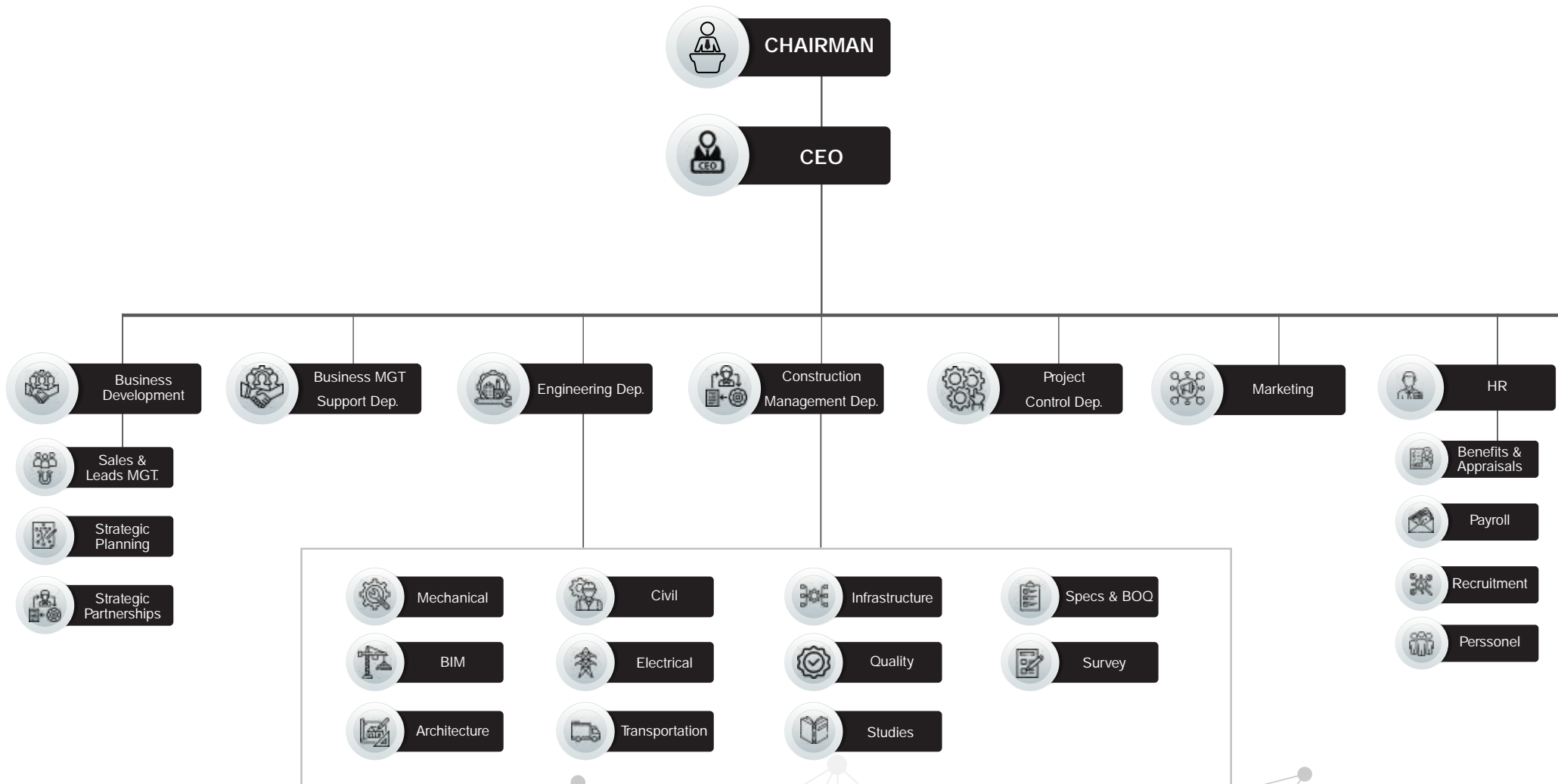
USA
Florida

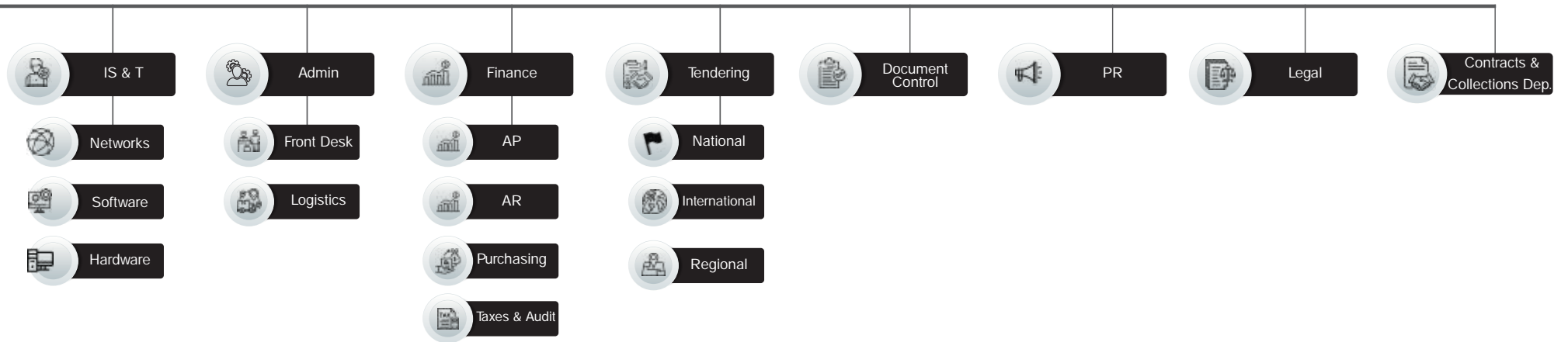
Morocco
Casablanca





IX. ORGANIZATIONAL CHART





X. PEOPLE



XI. INDUSTRIES



AC



RESIDENTIAL



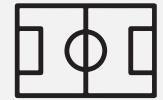
HOSPITALITY



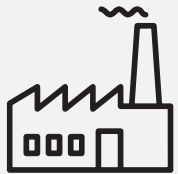
EDUCATIONAL



HEALTH CARE



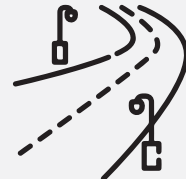
ENTERTAINMENT
& SPORTS



INDUSTRIAL



CULTURE & MUSEUMS



ROADS



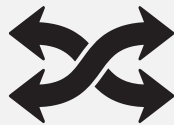
BRIDGES & TUNNELS



WATER & WASTEWATER



ELECTRICAL
INFRASTRUCTURE



MIXED USE &
ADMIN BUILDINGS



URBAN & LANDSCAPE



HIGH RISE BUILDINGS



MARINE PORTS

XII. SERVICES

At Attaby Consultancy, we provide top-notch designs in addition to fully-fledged engineering business services alongside diligent accounting services that manage financials in the project with the highest level of accuracy and guaranteed success.

1. Studies & Master Planning:

Attaby Consultancy became a well-known name in the field of engineering consultancy in the market through conducting its meticulous studies in the fields of:

- Marketing Research
- Economic Impact Analysis
- Feasibility Studies
- Energy Efficiency Potential Studies
- Real Estate & Asset Appraisals
- Environmental Impact Assessments
- Social Impact Assessments
- Geotechnical & Ground Engineering Studies
- Traffic Impact Assessments
- GIS Studies
- Hazard & Operability Studies (HAZOP)
- Hydrologic & Hydraulic Studies
- Land Valuations
- Population Studies
- Urban Development Studies
- Solid Waste Management Studies



2. Engineering:

At Attaby Consultancy we follow a methodology of using cutting-edge technologies (BIM Modeling Software) to provide effective engineering design covering:

- Front-End Engineering & Design (FEED)
- Conceptual Design
- Design Criteria Reports
- Preliminary Design
- Schematic Design
- Detailed Design
- Design Development
- Tender Documents
- Construction Documents
- Value Engineering and Bids Awarding

Starting with the initial stages of a project by offering a wide range of engineering services to real estate developers and construction companies worldwide through the use of innovative technology to accelerate timelines, lower costs, mitigate risk, and generate added values and ensures client satisfaction.



3. Architecture:

AC's architects believe in dynamic designs where teams work together with clients to create healthier environments. The architectural design is achieved within the integrated cross disciplinary engagement through dynamic interpersonal organizational skills. Our planning and execution of projects adapt to difficult environments and reflect the stakeholders' needs. We collaborate with our clients through daily reports, acting in their best interest and managing every element of the project which maintains Attaby Consultancy as a market leader.

Our regional contribution projects vary in range from:

- LEED buildings
- Multi-purpose projects
- Mega residential, hospitality, industrial, commercial, educational, office buildings
- Medical and health care entities
- Business parks and much more



4. Sustainability:

As sustainability goes far beyond carbon emissions, it requires an integrated and collaborative approach towards three important pillars: design, operation and management from all the stakeholders. Therefore, Attaby Consultancy aims to follow this approach through an effective advocacy and analysis leadership methodology.

AC offers green building practices designs tracking for LEED certifications in addition to setting specific strategies to meet the projects' sustainability goals, considering the projects location, material, climate and all resources that affect project development.

5. Industrial:

Attaby Consultancy is a pioneer in industrial projects since 1979 reaching a strong track record in providing consultancy services for the Industrial field. We have well-trained team in the industrial sector to help investors implement their vision. An electromechanical team is available to achieve functionality, efficiency and state of the art factory designs. We earned a reputation as creators of fast functional solutions for any issue occurring in factories or in industrial zones.

AC's team is handling large scale projects that require several fields of expertise which allows us to deliver innovative solutions with affordable cost which meet the environmental LEED and manufacturing requirements.



6. Transport:

We seek to achieve holistic high-quality integrated transport solutions that meet demands with high-end designs for roads, highways, bridges and tunnels. We study all networks of routes and topography that will be initially utilized to support the construction activity of the region, mobility, logistics and emergency routes for operational purposes. Moreover, AC uses hydrological studies to provide the required protection along the roads and bridges' alignments with understanding of the landscape.

The design process that we as a team deliver consists of geotechnical services; structural designs for flyovers, overpasses, underpasses, retaining structures, and drainage systems- foundations to secondary elements such as designs for signage, street lighting, pavements, drainage and geometrical designs for roads.

AC is well known for designing and supervising the construction of roads, highways, bridges and tunnels. We capitalize on advanced processes to handle all facilities as well as supporting the services and infrastructure.

7. Rail:

AC is well qualified for working with authorities; ministries and public sectors on their infrastructure projects. We are one of the few firms that has corporate resources with extensive experience in Metro projects starting from the design to the construction for separate multi-systems Metro lines. AC's firm has an edge in Metro projects due to its solid experience in metro detailed drawings and construction documents.



8. Infrastructure:

AC provide consulting services of a complex wastewater engineering and infrastructure projects to deliver demonstrable, sustainable energy solutions ensuring the infrastructure's innovation, sustainability and rapid growth. We build and abide by our values and approach of projects to support our clients with advanced solutions.

We are the leaders in the wastewater industry, as we have a great understanding of the essentiality for identifying affordable infrastructure and waste water stations to face the most challenging wastewater issues to create, enhance and sustain solutions that are environmentally friendly.

AC provide the professional excellence; specially in water quality modeling, wastewater collection, municipal wastewater treatment, outfall, wastewater reuse and residuals management. Moreover, AC integrate advanced processes for enhancing nutrient systems, dewatering and oxidation processes. Moreover, find a beneficial uses for the sewage, and analyze operations of all stations, collection pipelines, and treatment facilities; looking for flaws to avoid the population increases and sewer-system. Our Capabilities deliver advanced engineering services a long consulting heritage to transform our client's vision into reality through numerous experienced and specialized engineers.

The projects' deliverables, covering all phases starting with the initial environmental planning studies to detailed design, construction management, operations and maintenance for effective management of wastewater systems and the protection of the public waterways and drinking supplies.

We aim to develop the treatment systems that provides superior-quality for drinking water, irrigation, commercial reuse, waste and solid waste by-products for beneficial use respecting all regulations.



9. Environmental Management:

The health & safety department is responsible for implementing programs according to the information from concerned departments to meet the environmental guidelines and restrictions and to safeguard the environmental aspect for each project.

All stages of project development following environmental, occupational health and safety guidelines should be achieved by each relevant function.

(The environmental aspects of its activities and services within the defined scope of the environmental management system that it can control and those that it can influence taking into account planned or new developments, or modified activities and services, determining any aspects that can have significant impact(s) on the environmental projects)

AC plans its operations through many stages and establishes well-documented procedures for the planning and follow up of projects, as well as the quality, environment, occupational health and safety objectives and targets.

10. Project Management:

AC handles all stages of project management services with complete knowledge of project management tools and Project Management Institute (PMI) global standards. We supervise each phase in the project lifecycle starting from intuition to planning, execution, monitoring and delivery. To ensure the optimum project execution cycle, AC focuses on engineering value solutions, cost optimization, periodic reporting and planning which are all managed with the highest efficiency.



11. Construction Management & Supervision:



Construction management and supervision services at AC is known for its accuracy and efficiency in terms of time, cost and being highly qualified in supporting, improving and boosting the project execution. It also utilizes its resources of highly qualified and knowledgeable construction managers, supervising engineers, resident engineers and inspectors to provide the paramount accuracy and quality. As Attaby Consultancy is ISO certified in Health, Safety and Environment, it always abides by its guidelines and procedures in construction management that include the reviewing of all designs and shop drawings and all material deliverables. Our proven proficiency in supervising and management ensures success in all projects we embark on. With extreme capability in forecasting and resolving conflicts and quality assurance we deliver our projects within the given budget, high quality and timeframe.

12. Urban Planning & Smart Cities:

AC offer consulting services that reflects government willingness in applying sustainable land uses and development for a specific space. Urban planning has various parameters; the environmental capacity, population, financial cohesion, transportation and other public service networks.

Urban planning creates a prospect of the land and conveys it to light through allocating buildings, roads and landscape designs. Our team has the appropriate experience to provide various comprehensive ideas and utilizes smart cities' parameters; Information and Communications Technology solutions (ICT) and sustainable practice, to be addressed with policies, energy, transport and mobility challenges.

AC understands the needs of smart city's contribution in urban planning and vice versa, to provide our clients with cutting-edge designs solutions. Nonetheless, smart cities are emerging fast and new practices and services which have highly impact policy making and planning, while they co-exist with urban facilities.



XIII. TIMELINE

NET PRESENT VALUE OF PROJECTS

3,815,127,113 USD

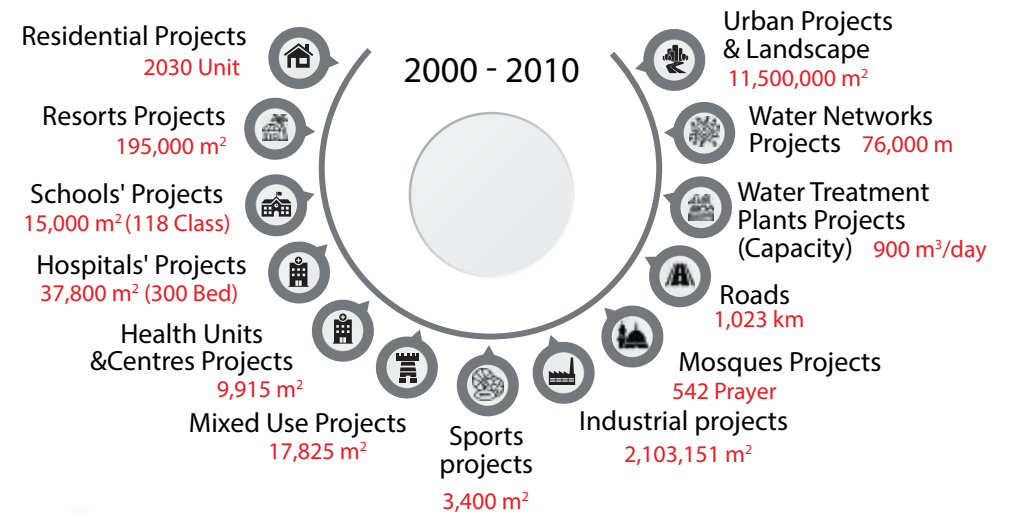
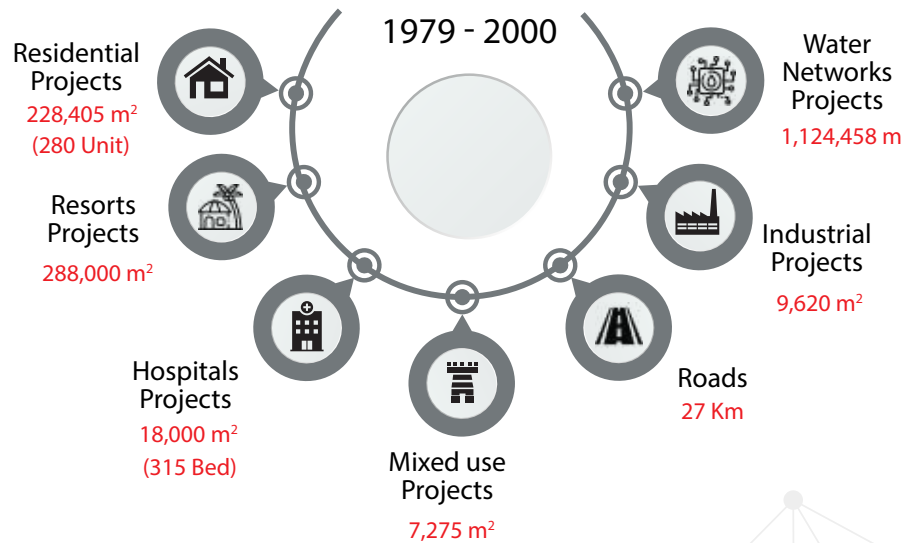
7,844,022,642 USD

1979

2000

2000

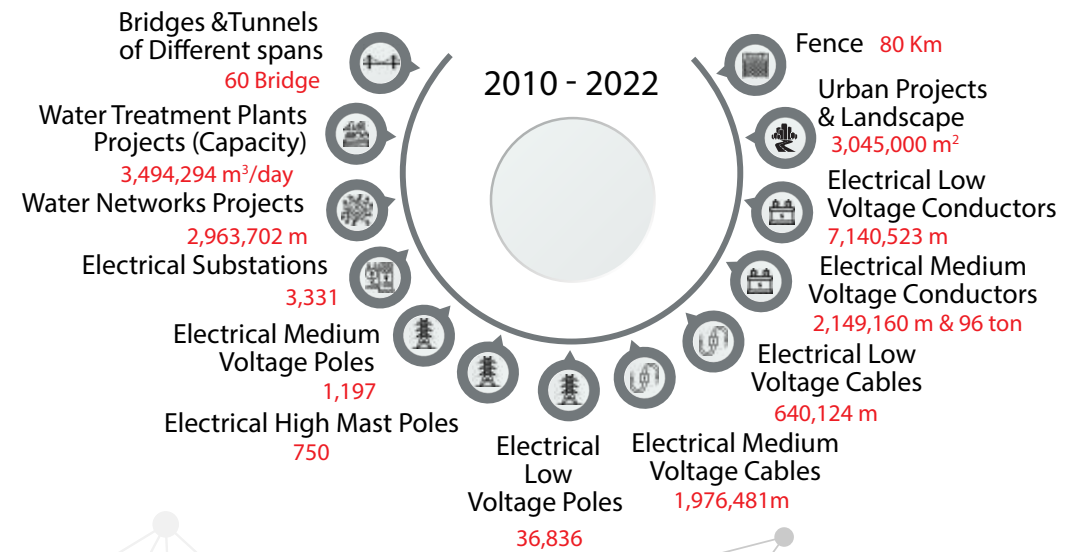
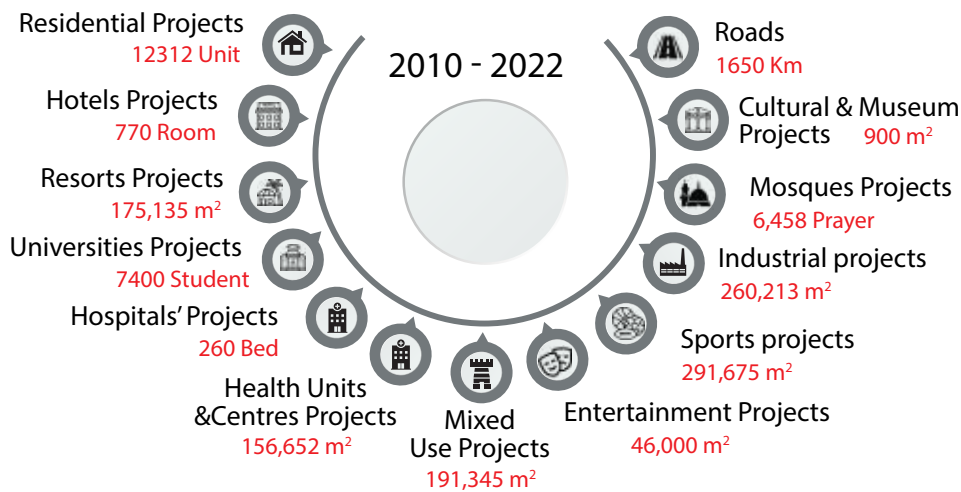
2010



12,434,308,945 USD

2010

2022



XIV. SIGNATURE PROJECTS

Year	Project Name	Location	Cost (Million USD)
1994	Beni suef Fever Hospital	Egypt	36.3
1995	Pressure Gas Vessels	Egypt	44.2
1996	Sand Beach Resort	Ain El Sokhna, Egypt	46.7
1995	Floating Roofs Tanks	Egypt	29.5
1999	Stream Oil Insulators Factory	Capacity 480 m ³ /d, Suez, Egypt	264.2
1996	Abu Qir Fertilizers Plant (Phase III)	Alex, Egypt	150.9
1996	Al-Azhar Ophthalmology Hospital	(116 Bed), Egypt	21.1
2001	IPIC Pipe Mill Factory	Between Port Said and Damietta, Egypt	121.5
2000	Ibn Roshd School	(18 Classroom), Qaluibia, Egypt	9.6
2005	Mexican Guru, Ruhrpumpen Pump Factory	Egypt	12.1
2006	Poultry Processing Plant	Quesna, Egypt	10.7
2002	El Darb, Jizan & Quoseem Roads	250 km, KSA	68.1
2003	Egyptian Chinese Company S.A.E., Residential City	Ain Sokhna, Egypt	12.3
2005	Cement Factory	Sinai, Egypt	109.1
2007	Rig Factory (EPHH)	Portsiad Free Zone, Egypt	19.8
2009	Urea & Ammonia Fertilizing Facilities Factory	Egypt	398.2
2009	Hydro-Cracking Factory	Egypt	342.2
2009	Portsaid Specialized School	(28 Classroom), Egypt	32.3
2007	E-Methanex Plant Industrial Project	Damietta, Egypt	443.2
2007	Egyptian Propylene & Polypropylene (EPPC) Plant Industrial Project	Portsaid, Egypt	1.38 Billion

Year	Project Name	Cost (Million USD)
2016	Water purification plant 145k - Gataubia - Capacity D/M3	86
2016	South Valley University - Faculty of Medicine (2800 student)	26
2013	Sky Mall	98
2013	Residential Buildings in Gredia, Goudji and Chad	215
2010	Egyptian Indian (EIPET) Polyester Factory	273
2017	Residential Building - New Capital R3	124
2017	Alamein Tulip Resort	207
2018	Galala WWTP/ Capacity D/40K M3	40
2019	EL Fayoum Industrial Zone	189
2019	Ismaika Beach Club Resort	121
2021	New Helwan University (student 3500)	105
2021	200) El Maragha Hospital (Bed), Suhag	146
2021	North Bn Zayed Axis Road, New Capital	98
2021	Diplomatic District Mosque Prayers, New Capital 1500)	21
2021	Gerga -Suhag WWPT/ Capacity 130K M3/D	112
2021	El Ahly Club (New Cairo branch)	112
2022	40) Health Care Centers (Center) and Units , Aga, Elmansoura	102
2022	Urban Development, Suez City	638
2021	Diplomatic District Club, New Capital	91
2022	Youths Centers (45 Buildings), Aga, Elmansoura	86
2022	Middle Ring Road, Egypt	96

XV. STRATEGIC CLIENTS









A

B

Y





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