



PROFILE

Water, Solar, and E-Mobility



Building a better world,
one step at a time....



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WHO WE ARE

ENGINEERING AND INDUSTRIAL SERVICES

**OUR GOAL IS
TO PROVIDE
EXCEPTIONAL
QUALITY, TAILORED
SERVICES, AND
CONTINUAL
SUPPORT.**

REDA Hazard Control is a part of the REDA Group, an international engineering and industrial services company.

REDA Hazard Control offers a full spectrum of end-to-end solutions for hazard control. Our areas of expertise include fire protection, safety, and security. We are a leading provider of fire protection services and safety systems & equipment. We also offer solutions that will improve and enhance your site security.

We also provide water, solar energy, and e-mobility under the REDA Green to support the Kingdom in achieving its goals in 2030 vision.

Our goal is to provide exceptional quality, tailored services, and continual support. We exist to protect the lives of people and the community in which we live and work. This is why we always strive for excellence in all that we do.

Our services are innovative, comprehensive and represent excellent value with professional, world-class local content.

We consider our customers as our partners and we believe in working with you on a personal basis to ensure precision until you are completely satisfied. So when it comes to safety, rest assured that we have all the bases covered.

REDA Hazard Control believes in a team approach for creating a safer facility. We work closely with our clients to formulate and implement high-quality, comprehensive programs that exceed their expectations.



**FULL SPECTRUM
OF END-TO-END
SOLUTIONS FOR
HAZARD CONTROL**

WHAT WE DO

SAFETY, SECURITY AND BEYOND..

**WE SPECIALIZE
IN THE AREAS OF
FIRE PROTECTION,
SAFETY, AND
SECURITY.**

Established in 1986, REDA Hazard Control has been providing products, systems, and services to a wide variety of industries across the world. We specialize in the areas of fire protection, safety, and security.

We are committed to providing products and services to customers in a safe, responsible manner to ensure the safety of our employees, the environment, our customers, shareholders and the communities in which we operate.

Our dedicated team collaborates with leading manufacturers around the world. We combine their scientific and technological expertise with our wealth of contracting, installation, and service experience.

Whether large or small, REDA Hazard Control has the people, products, financial resources, and the expertise to handle your project from start to finish. We will evaluate a broad range of solutions to find what fits your needs.

REDA Hazard Control team has developed tactics and equipment that assure the greatest margin of safety are built to meet the demanding challenges found within high-risk industries. We fully comply with EH&S laws and regulations wherever we operate, ensuring regulatory safety standards are met.



**SPECIALIZED IN
MANAGING TURNKEY
PROJECTS**

WHO WE SERVE

DIVERSIFIED VISION



Petrochemical



Military



Construction



Water Desalination



Transportation



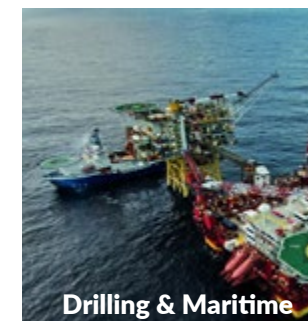
Oil & Gas



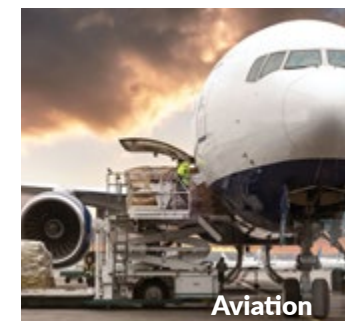
Mining



Power Generation



Drilling & Maritime



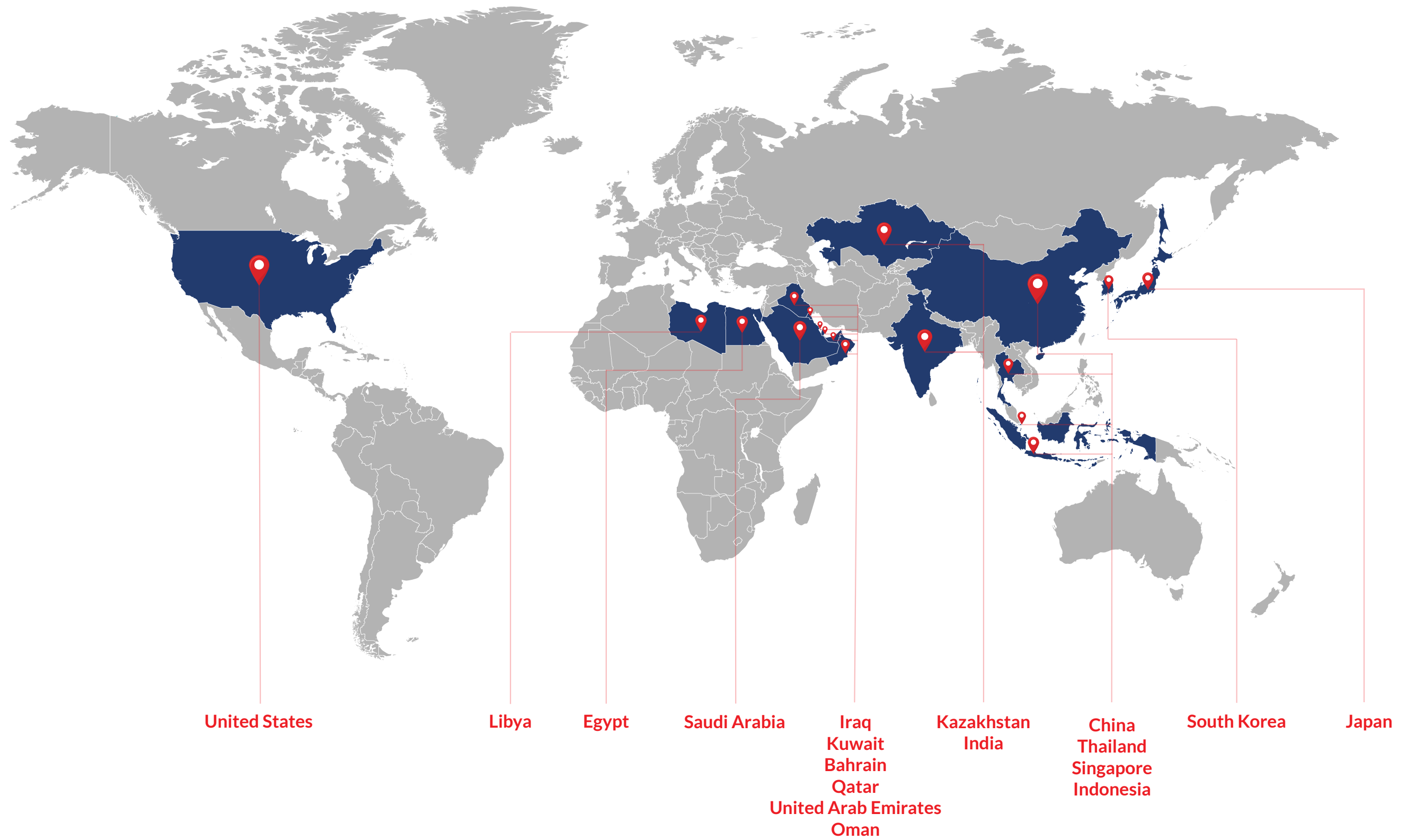
Aviation



Steel & Aluminum Production

WHERE WE SERVE

WITHIN YOUR REACH



OUR CULTURE

GREAT PLACE TO WORK



YOUR FIRST
CALL FOR
PROTECTION

Mission

To provide cutting edge solutions.

Purpose

To help create a safer environment.

Values

Integrity Having the courage to do the right thing at all times and in all circumstances, whether or not anyone is watching and no matter what the consequences.

Pursuit of Excellence Achieving distinction through innovation, learning and agility.

Service Delivering excellence in products, service and relationships.

Teamwork Collaborating to develop innovative ideas and optimal solutions.

Accountability We take ownership for our actions and their outcomes. We have the courage to make bold decisions and we deliver what we promise.

SAFETY POLICY

GET BACK HOME SAFE



The company operates a safety policy in compliance with internal set objectives of recognized standard.

Safety consultants are retained to advise on all safety matters related to company activities.

Safety awareness is highlighted for all projects and risk assessment is prepared to recognized standards to control hazards.

The safety policies followed are aimed at working together with clients to achieve the objective of zero safety related incidents.

**WE EXIST TO
PROTECT THE LIVES
OF PEOPLE AND
THE COMMUNITY
IN WHICH WE LIVE
AND WORK**

ENVIRONMENTAL POLICY

RESPECTING OUR PLANET



Environmental policies are operated to ensure safeguards in respect of the environment and society in connection with all of its activities. The company additionally complies with all client requirements regarding environmental policies, which are in force at its sites or operating locations.

REDA TRADING & Development Co. company policy is aimed at reducing environmental impact to a minimum and ensuring that all related activities are carried out in accordance with recognized approved procedures.

**OUR AIM IS
TO REDUCE
ENVIRONMENTAL
IMPACT TO A
MINIMUM**

OUR CERTIFICATION

TRAINING IS A LONG-TERM INVESTMENT

Accredited



REDA Hazard Control is committed to quality and excellence. Our Quality Management System meets the requirements of ISO 9001: 2019 and our company is already certified by the Societe Generale de Surveillance (SGS). Other locations will shortly follow.

Company Certification

- HCIS Security Contractor Approval
- HCIS Fire Contractor Approval
- SFDA Certified Company
- DNV-GL Maritime Approval
- Saudi Aramco Approved Plant ID
- Civil Defense Approval
- ISO 9001: 2015
- ISO 14001: 2015
- OHSAS 18001: 2007
- ABS Certification
- ASME Approved Facility
- UL Listing & FM Approval Filling Facility
- OSHA Approval
- NFPA Approved Fire Truck Testing Facility

Service Certification

- Fire Trucks inspection and maintenance
- SCBA inspection and overhauling
- Fire Extinguisher inspection and maintenance
- Breathing Air Compressor inspection and maintenance
- Fixed and portable gas detection maintenance
- Hydraulic equipment inspection and overhauling
- Fire suppression equipment & systems inspection and maintenance
- Fire alarm system inspection and maintenance
- Fire pump inspection and maintenance
- Electrical Troubleshooting
- Decoder Troubleshooting
- IVM 2-Wire Troubleshooting
- Wire System Technician
- Irrigation Technician Course

Engineering Certification

- Novac 1230 Fire Suppression System
- FM 200 Fire Suppression System
- Fire Alarm System
- High Pressure CO₂ System
- Room Integrity Test
- Mobile Fire Suppression System
- Kitchen Hood Suppression System
- VESDA System
- Water Extinguishing System
- Fire Pumps Calculation
- CCTV System
- Access control system
- Physical security equipment
- Intrusion detection system
- Anti-personnel and crash-rated fencing
- Under Vehicle inspection system
- ID Management system
- Time Attendance System
- Long range and thermal cameras system
- Automatic license plate recognition system
- Landscape Irrigation Design Process
- IQ4 Expert
- Introduction to Irrigation & Installation
- ESP-LXD & ESP-LXME Operator
- ESP-LX IVM Programming & Operation
- Efficient Irrigation Scheduling
- Maxicom System Water Manager
- IQ4 Expert
- ESP-LXD & ESP-LXME Operator
- ESP-LX IVM Programming & Operation

PRODUCTS

1. Water Management Solutions

- Irrigation Products & Systems
- Landscaping Products & Solutions
- Agriculture

2. Solar Energy Solutions

- Intro
- Our Capability
- Product Line

3. E-Mobility Solutions

- Intro
- Our Capability
- Product Line

WATER MANAGEMENT SOLUTIONS

PRESERVE WATER, PRESERVE LIFE.



Our services begin with the design and engineering phase, which provides comprehensive, efficient and optimal water management solutions for landscape irrigation and agricultural irrigation, as well as architectural landscape services solutions and municipal services, and is followed by timely material supply and in-house reliable after-sales services.

- 1 Irrigation Products & Systems
- 2 Landscaping Products & Solutions
- 3 Agriculture Solutions

IRRIGATION PRODUCTS & SYSTEMS

SUPERIOR IN EVERY WAY



Irrigation is the regulated application of water to land to grow crops, landscape plants, and lawns. In arid locations and with below-average rainfall, irrigation grows crops, maintains landscapes, and restore disturbed soils. Irrigation also prevents soil consolidation, frost damage, and weed growth in grain fields. It cools animals, reduces dust, removes sewage, and supports mining. There are numerous irrigation methods including drip irrigation, sprinkler irrigation, sub-irrigation, and more. They supply plant water differently. Water should be applied consistently to give each plant the right amount of water. The irrigation controller, water pump, piping, fittings, wires, power generator, and other components make up the complete irrigation solution.

IRRIGATION PRODUCTS & SYSTEMS

SUPERIOR IN EVERY WAY



01 Smart Irrigation Controller

Irrigation 2-Wire Controller with Smart Valve Technology. The most advanced irrigation controller offers fast and error-free installation, world-class diagnostics, and an updated version of the industry's favorite programming interface.



02 Commercial Irrigation Controller

Irrigation 2-Wire Decoder Commercial Controller supports 50–200 stations. ESP-ME3 Series Controllers, the most adaptable residential/light commercial irrigation controller, provides flow monitoring, LNK2 WiFi, and 22 stations. ESP-TM2 Residential Controllers are simple, flexible, and reliable.



03 Drip Irrigation Systems

Drip irrigation solutions save water for everyone. Water conservation is crucial during more severe droughts. Arid regions have significant water limitations. A drip irrigation system that waters plants' roots is the best approach to maintain plantings and green spaces under such situations.



04 Piping

There are a variety of pressure ratings available for PVC pipes, including 6 bar, 10 bar, 16 bar, SCH40, and SCH80. POLYETHYLEN Pipes come in a variety of materials and pressure ratings, such as PE80 and PE100 and LLDPE 4 Bar. HDPE: 6, 10, or 16 Bars. These pipes are manufactured by numerous reputable factories.



05 Fittings and Accessories

Polyethylene fittings for landscape, irrigation, and agriculture applications. Different types including compression and barb are available with different pressure rating: 6 bar, 10 bar and 16 bar.



06 Standard Irrigation Cable

In direct burial installations, irrigation cable connects the power supply to the central control unit, field controllers, and solenoid valves. Solenoid valves are commonly wired to their respective controllers in electrically operated residential and commercial irrigation systems.



07 Decoder irrigation cable

Two solid conductor copper, high molecular weight polyethylene insulated sprinkler wires twisted together are moisture and abrasion resistant. This product can be used in direct burial, in wet and dry environments. The cable is certified and available in various sizes.



08 Water Pumps

REDA Green provides pump solutions for residential, commercial, and infrastructure projects in all ranges. Our pumps are used for heating and cooling, water supply, irrigation, agriculture, industrial, naval, and mining.



09
5000 Series Rotor



10
Valve Pressure Regulator



11
PEB/PESB Series



16
Unispray



17
Pop-up Spray Head



18
Metal Cabinet



12
Field Decoderr



13
Wire Connectors



14
Quick Coupling Valve



19
PGA Valves



20
Specialty Stream Bubbler
Nozzles



21
Maxi-Paw



15 Automation and Control Systems

The focus of our irrigation control systems cut water consumption and save time and money. For dozens of customers, our certified engineers design industry-leading irrigation control systems.

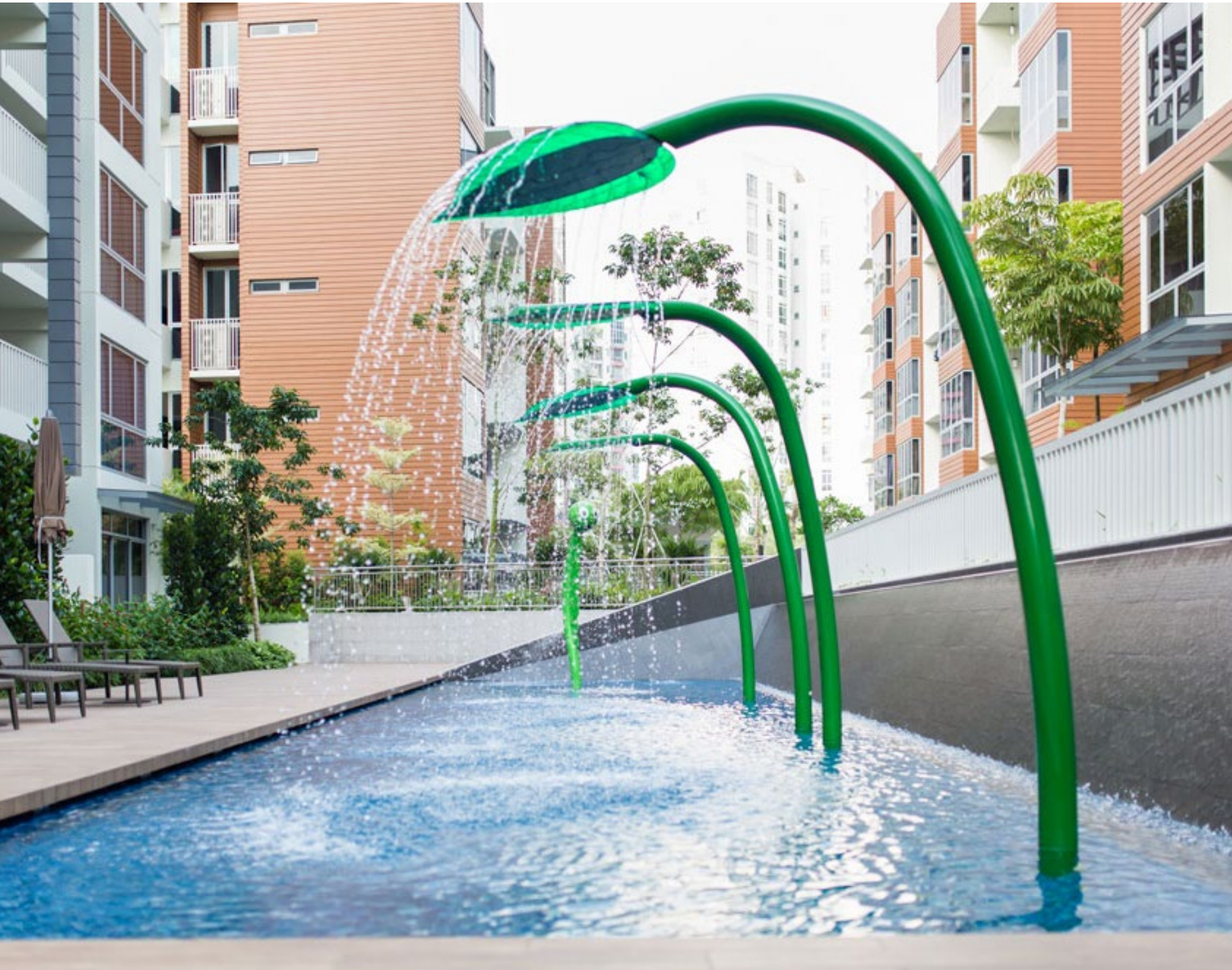


22 Power Generators

We offer customized power solutions with high performance engines for generator sets whether stationary or mobile in order to meet our customers' requirements by covering all wide power ranges.

LANDSCAPING PRODUCTS & SOLUTIONS

QUALITY OF LIFE



Landscape design affects housing areas' social, aesthetic, and environmental qualities.

Therefore, an innovative landscape that incorporates ecologically beneficial elements is crucial to creating a sustainable living environment.

Housing landscape design is also influenced by user demographics.

Kids like activities they can do alone or with others. This indicates that adults prefer mind-calming activities like watching their kids play.

Teens prefer landscape design that offers excitement and privacy.

Comfort, safety, security, and easy access are important to elderly and disabled people.

- 1 Waterplay Solutions
- 2 Decorative Fountains
- 3 Aeration Systems
- 4 Filtration Systems
- 5 Golf and Multi-Purpose Carts

LANDSCAPING PRODUCTS & SOLUTIONS

QUALITY OF LIFE

Waterplay Solutions

Along with WATERPLAY by MARK, we provide top-quality aquatic play solutions. Splash and spray, aesthetically styled urban water features, activity towers, and water management are available. We create vacation parks, communal spaces, hotels, resorts, water parks, medical and housing developments, and other attractions with our partner.

The main advantages of WATERPLAY SOLUTIONS are:

1. Help children gain vital social skills while playing with other children as part of the contribution strand, and when conflicts arise, they may practice problem-solving as part of the belonging strand, learning the boundaries of proper behavior.
2. Make safety surfacing lively and entertaining.
3. Provide activities that appeal to several age groups.
4. bringing design concepts to aquatic ecosystems to enable enjoyable experiences with flexible, intuitive, and approachable play for all ages and abilities.



Aquatic Play Collections

Discover freestanding components that adapt to any play environment—from the splash pad to the pool. Each collection offers creative product and colour groupings to inspire your next project. Our collection includes but not limited to Cirque, Grasslands & Shoreline, Nautical High Seas, Kaleidoscope, Revolutions, etc.



Play Pals

These universal play features enhance any splash pad design. Whether you want to add more dumping buckets, sneaky water cannons, or adorable spraying animals, Play Pals fit seamlessly into any space. Discover something for all ages and activity levels. We dare you not to use it on your next design.



Structures - FreeStanding

Make your play space the centre of attention with Structures! Create a land of imaginative play as waterplayers set sail on a nautical adventure or make their jaw drop at the sight of a 15-foot fortress of splashes with one of our four new Titans creatures (Schooner, Calypso, Sloop, Bun-Bun, Mr. Ribbit, and more).



Activity Towers

Bring Play to New Heights For All Ages & Play Styles! Waterplay's Activity Towers are available in four distinct signature design footprints: Mini, Discovery, Exploration, & Adventure. Bring an elevated, dynamic play experience to any play space, with clear sightlines for optimum safety, big splashes and immersive play points for high engagement, exploration and ultimate fun!



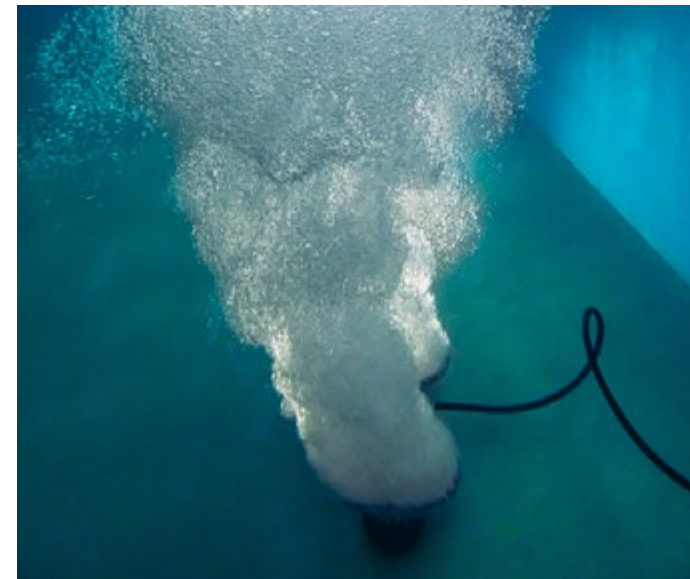
Decorative Fountain

Enhance the visual appeal of your pond or lake with decorative Fountains. Whether you're looking for a stunning water display 30 feet high or an accent to add sparkle to your water, we have a product that will fit your needs. All Fountains are engineered and built to run reliably and efficiently year after year.



Aeration Systems

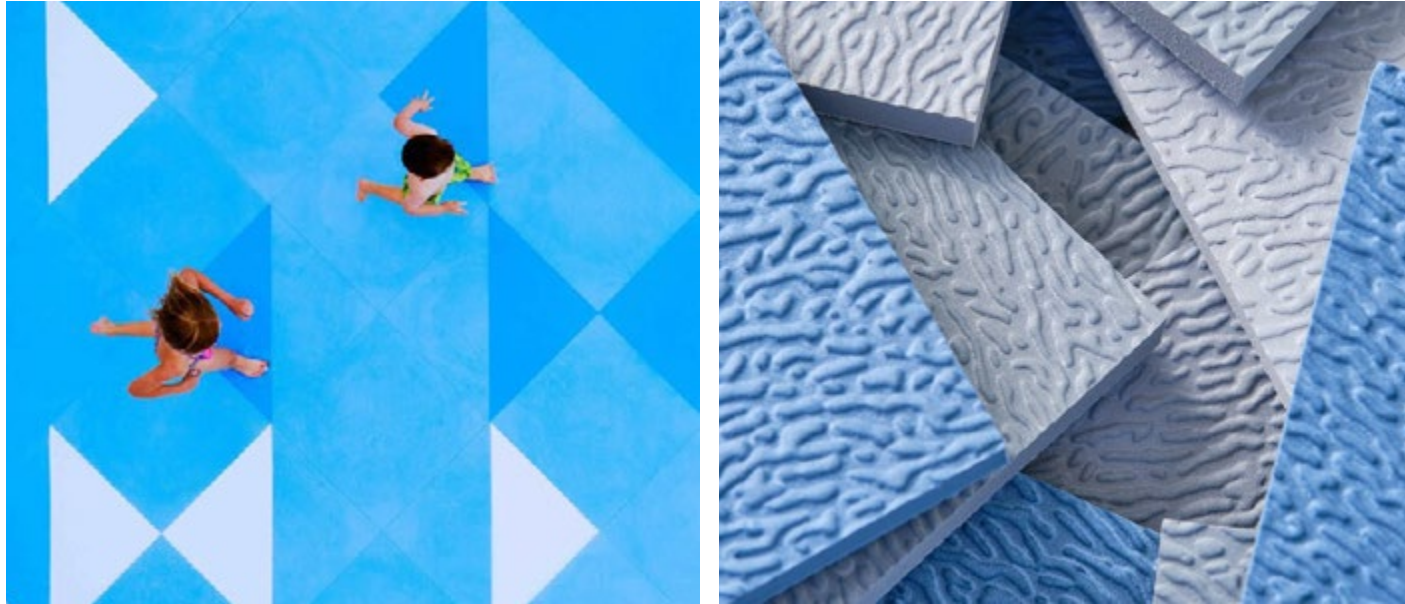
Incorporate high levels of oxygen into your body of water with an aeration solution. To fit a variety of applications, Diffused Aeration systems are located at the pond bottom, while surface aerators float at the top.



Landscape lighting, artificial grass, health and sports, integrated playgrounds, playground equipment, urban furniture, parking shed, etc. are only some of the other products and services offered by REDA Green.

Sports and Safety Flooring

Traction to prevent slips, cushioning to prevent falls. We provide Tiles, Landing Pads and Safety Messaging for a vast range of applications from splash pads to pools, Waterparks, locker rooms, bathrooms, and more.



Filtration Systems

Large-Capacity RBY Screen and Disc Filters

Large-Capacity high flow and low maintenance with a solid build

These filters provide large filtration capacity for residential, commercial, and municipal drip applications. This means less cleaning and lower maintenance costs. The filter body and cover are made of high impact thermal plastic, rated to withstand water up to 140° F (60° C) and pressures up to 116 psi (8 bar). With flow rates ranging from 33 gpm to 110 gpm, these filters are perfect for larger drip irrigation zones.



Automatic Disc Filter

Modular designed filtration unit for easy capacity expansion and plug-and-play installation. Automatic disc filter combines the effectiveness of media filtration and the efficiency of screen filters in one filter. 3 dimensional filtration allows for outstanding organic matter removal. A fast and efficient backflush helps you save on input costs. Pre-assembled units available complete with controller, backflush valves and stand.

Automatic Screen (Electric) Filter

Automatic, electric mesh filters, suitable for all applications and with a wide filtering range.



Media Filter

Media filters available with PVC collector arms and dual chamber options. Media systems are highly effective in removing both organic and inorganic matter.



Golf and Multi-Purpose Carts

REDA Green supplies all electric cars for golf courses, hotels, airports, and resorts at the lowest cost and maximum reliability. Work or play, electric carts are fantastic. Electric carts have many advantages over conventional modes of transportation. Supporting sustainability, easy neighborhood mobility, practical job help, smoother rounds of golf, outside accessibility, affordability, unlimited customization, simple maintenance, and more are some of the finest reasons.

Golf Carts

Golf carts and utility vehicles: the latest in eco-friendly electric vehicle design and technology offers golfers and golf tourists a means to a more satisfying and environmentally friendly way of life.

Customized Electric Vehicle

The ability to tailor each model to meet the specific needs of individual customers is one of our primary competitive advantages. Anywhere from schools and hospitals to amusement parks and resorts to airports, our specialized vehicles are making people's lives easier and more affordable.

YOUR FIRST
CALL FOR
IRRIGATION
AND
LANDSCAPING
SOLUTIONS



Customization is performed by our manufacturing arm (FHC), which is licensed to design and fabricate trailers and specialized vehicles applying the latest transport industry regulations and standards. We are also a member of National Truck & Equipment Agency (NTEA) of the USA.

FHC's edge comes from the custom designed aluminium extrusions used for light weight and strength purposes reducing fabrication time and producing a smoother finish.



AGRICULTURE SOLUTIONS

SUPERIOR IN EVERY WAY



Vision 2030 is protecting and enhancing the Kingdom's natural environment by taking a holistic view of precious ecosystems. It is also fostering sustainable agriculture practices across the Kingdom that will help to provide citizens and residents with safe, high-quality local food, whilst maintaining water balance and supporting the restoration of biodiversity. Sustainable approaches are helping prevent soil erosion and tackle desertification by protecting native flora that is used by wildlife for food and shelter.

A holistic perspective of priceless ecosystems is taken in Vision 2030 in order to maintain and improve the Kingdom's natural environment. Additionally, it is promoting sustainable agricultural techniques throughout the Kingdom, which will aid in supplying locals and people with safe, high-quality food while upholding water balance and assisting in the restoration of bio-diversity. By preserving natural flora, which wildlife relies on for food and shelter, sustainable practices are preventing soil erosion and combating desertification.

AGRICULTURE SOLUTIONS

SUPERIOR IN EVERY WAY

Greenhouses



Our greenhouses are designed and constructed for farms all over the world, owing to our team's and partners' extensive industry knowledge and constant search for innovative and technologically advanced solutions. Turnkey projects that are completely monitored by our experienced team, solutions that include all accessories down to the least detail, make the difference.

We provide dependable and adaptable solutions including Atlanic Line, Titan Line, Cover Line and Defendo System for all horticultural and floricultural requirements. Whether our client has to cover a broad area, is seeking for a solution in a severe climate, is dealing with budget constraints, or is researching the prospect of producing energy while retaining efficiency.



Greenhouse Climate

A greenhouse is more than simply a steel structure; it is a complicated combination of solutions designed to provide a natural balance of all the elements required for healthy plant growth. We offer the greatest climate control and irrigation products in collaboration with our partners. Our products include Irrigation systems, rolling benches, heaters, air fans, air extractors, cooling systems, an auto shading system, and other accessories.



SOLAR ENERGY SOLUTIONS

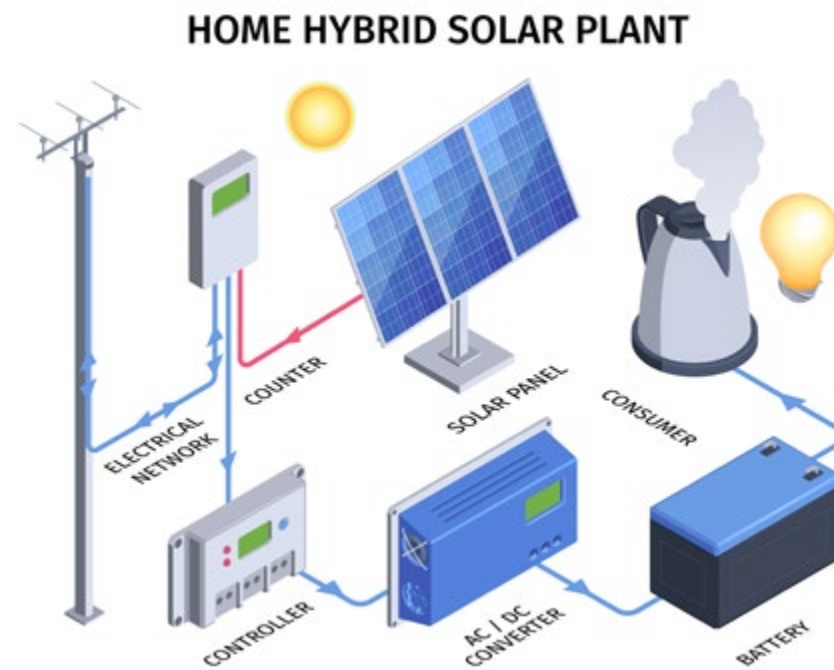
REDUCE CARBON EMISSIONS

There has never been a greater need for renewable energy, with energy costs and demand rising at an exponential rate. REDA Green provides high-quality, cost-effective solar solutions to assist businesses in alleviating the burden of high energy expenses, in accordance with the Saudi Vision 2030 goal of energy diversification.

REDA Green provides customized solutions ranging from single solar panels and inverters to whole PV systems. REDA Green is a full-service solar energy company that handles everything from design to maintenance. Whether it's offering self-consumption systems to the commercial sector, individual residences that produce their own power using a full photovoltaic system, or even large solar parks. Our staff can assist in the development of a customized, bespoke idea that meets your objectives and energy requirements while taking into account localization factors.

Our Products:

- Solar Panels
- Inverters
- Cables
- Electrical meters
- Racks and Mounts
- Protection systems
- Battery storage
- Charge Controller
- Linear heat detection
- Solar Blackout
- Testing equipment
- And more.



MITIGATING
THE ENVIRON-
MENTAL DAM-
AGE

E-MOBILITY SOLUTIONS

IMPROVED LIFE QUALITY

The key reasons for Saudi Arabia's decision to replace gasoline cars with electric vehicles are to lessen the country's dependency on oil and to satisfy carbon emission reduction objectives. To reach its aim, the Kingdom has set a target of increasing Riyadh's EVs by 30%. However, all of those EVs will require a solid network of dependable charging options to keep them on the road, which is where REDA Green comes in.

REDA Green offers bespoke solutions for various power capacities and optimal EV charger functioning. REDA Green is a full-service EV charging provider that covers everything from recommendations to installation and maintenance. Whether it's providing chargers to business buildings, individuals, or energy providers. Our experts may assist you in developing a customised solution that fulfills your aims and charging requirements. There are numerous fixed and mobile electric car charges in our portfolio supplied from certified trustworthy suppliers, and each kind has distinct features. Next, we are going to mention the main products included in our offerings.

Our product line includes

- Electric Vehicles
- AC chargers
- DC fast chargers
- Dynamic Load management
- Pedestals
- Charging guns
- Spare parts
- Structures
- Testing equipment
- Accessories
- Car fire blanket
- Emergency plug
- Quarantine container
- And more...



**TRANSPORT
WITH LESS
EMISSIONS,
GO ELECTRIC**

SUPPORT SERVICES

EVERY SINGLE STEP MATTERS

We have the capacity to manage and perform turnkey projects across the sectors we serve working with international consulting houses and EPC Contractors. In addition to the technical support provided by our world reputed partners, we have at our disposal the advanced planning, design and modelling technology. We have the right people, products, financial resources and expertise to manage and serve your complete projects, be it Water, Solar, or E-Mobility.

REDA Green is also approved by Saudi Electricity Company, Ministry of Energy (Shamsi), and the Ministry of Environment, Water and Agriculture. The company is capable of undertaking turnkey projects in the aforementioned solutions for industries. Our services include but not limited to the following:

- Conceptualization, site survey, detailed design and the production of drawings.
- Supply and installation of a wide range of products & systems.
- Quality control during the project execution.
- Testing & commissioning of systems.
- Provision of As-Built documentation.
- After-sale service and maintenance.

REDA Green has executed many prestigious projects in the industrial and commercial Industries since its birth..



**YOUR FIRST
CALL FOR
ENGINEERED
SYSTEMS**

OUR PARTNERS

EVERY SINGLE STEP MATTERS





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