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TRANSFORMING **PROCESS ENGINEERING** THROUGH INNOVATION

14-16 October 2019

Bahrain International Exhibition
& Convention Centre

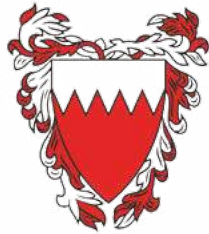
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Mission

To sustainably manage and operate an integrated energy business, leveraging best practices and creating value for shareholders, customers and employees.



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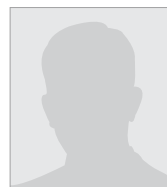
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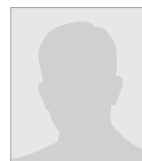
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Exhibitors List

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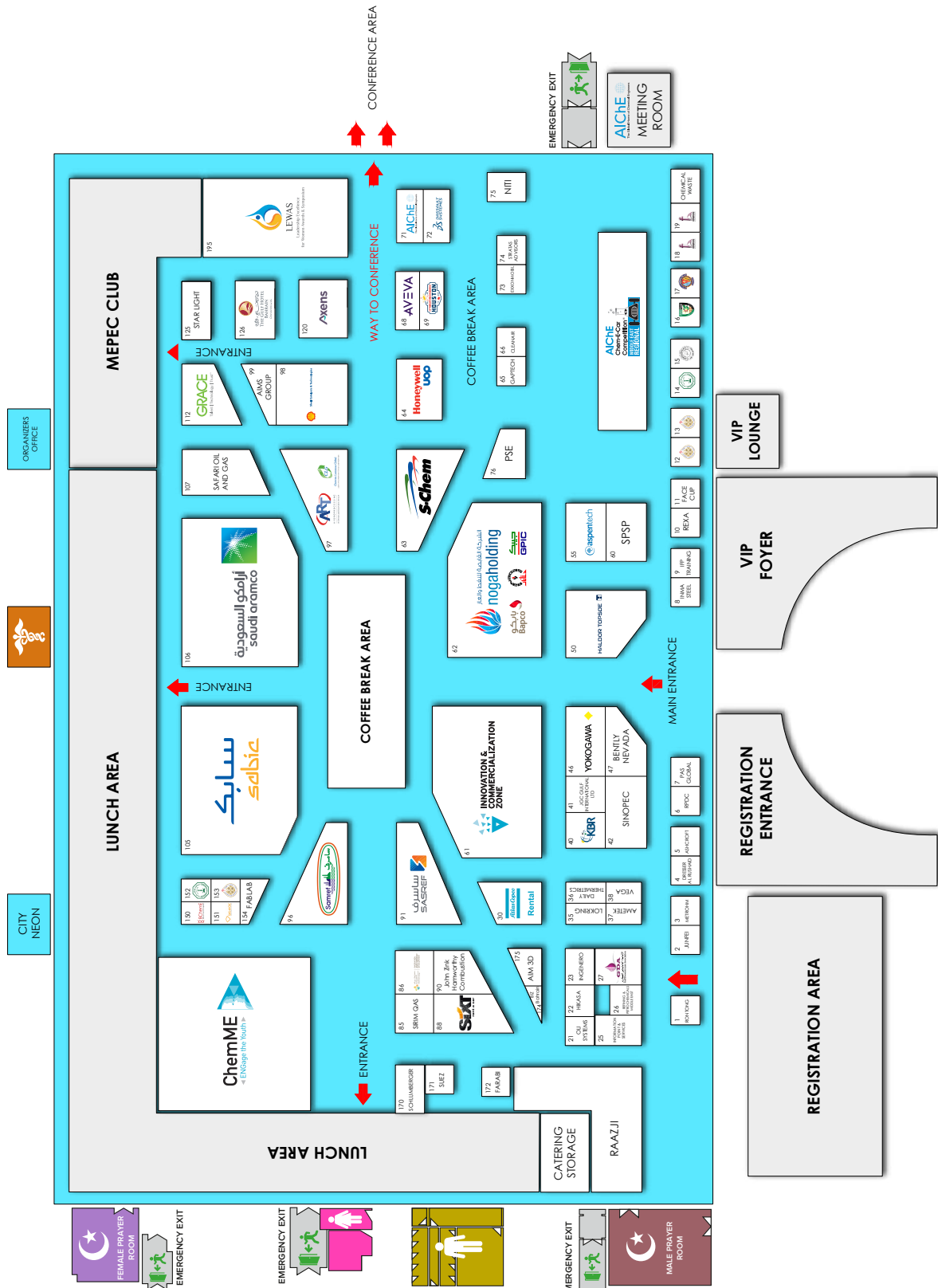








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Exhibition Floor Plan





- LEGEND
-  EMERGENCY EXIT
 -  MALE PRAYER ROOM
 -  FEMALE PRAYER ROOM
 -  MEDICAL
 -  TOILET (GENTS)
 -  TOILET (LADIES)



23rd World Petroleum Congress

With the theme “Innovative Energy Solutions,” the 23rd World Petroleum Congress (WPC) is coming to Houston next year, Dec. 6-10, 2020. Known as the “Olympics” of the petroleum industry, the WPC covers all aspects of the industry from technological advances in upstream and downstream operations to the role of natural gas and renewables, management of the industry and its social, economic and environmental impact. A strong Congress program will feature more than 700 presenters, including 9 plenary sessions, 9 ministerial sessions and 6 ministerial roundtables, 15 CEO roundtables and panels, 11 strategic dialogues and 23 technical forums. The Congress draws delegates from more than 100 countries, including national delegations, media, 250 exhibiting companies, academia, financiers, consultants, consumers and more. Houston will host the 23rd WPC at the George R. Brown Convention Center. More information available at wpc2020.com and on social media @23wpc2020.

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Advanced Refining Technology (ART)

Chevron Lummus Global (a joint venture between Chevron and McDermott) and ART Hydroprocessing (a joint venture between Chevron and Grace) work together to offer an integrated source of hydroprocessing technology and catalysts which leverages Chevron’s R&D and refinery experience, Grace’s catalyst knowledge and manufacturing excellence, and McDermott’s process technology and internal expertise. Partnering with CLG and ART brings you the most complete hydroprocessing solutions for upgrading heavy oil residues, retrofitting existing reactors, and boosting refinery margins for increased profitability.

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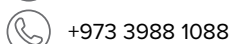
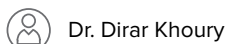
American Institute of Chemical Engineers (AICHE)

With over 110 years of history, AIChE is a nonprofit organization providing leadership to the chemical engineering profession representing 53,000 members in industry, academia, and government. AIChE's vision is to provide value as the Global Leader of the Chemical Engineering profession, the lifetime center for professional and personal growth, and security of chemical engineers, and the foremost catalyst in applying chemical engineering expertise in meeting societal needs. AIChE offers technical and educational resources to support chemical engineers in process industries and emerging areas, such as bio-technology, water and SMART manufacturing. The Center for Chemical Process Safety, CCPS, is an AIChE Technological Community. To learn more about AIChE please visit: www.aiche.org.



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Ashcroft Al Rushaid Instrument Co. Ltd.

AARICO, the joint venture of Al Rushaid Petroleum Investment Company with Ashcroft Nagano Keiki Inc. U.S.A, located in Jubail Industrial City, Saudi Arabia, is the only manufacturer of pressure and temperature instruments in the Middle East. The scope of AARICO products includes pressure gauges, temperature gauges, pressure switches, thermo wells, temperature switches and diaphragm seals. Ashcroft products are widely used in different applications such as oil refineries, petrochemical industries, water treatment facilities, hydraulic applications, power generation, fertilizer plants, pumps and in-pipeline projects.



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- Eastman: Eastman AdapT® portfolio of high-quality MDEA-based amine solvents
- Nova: FLEXSORB®-SE solvent from ExxonMobil

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CleanAir Arabia started in 2012 as a joint venture between CleanAir Engineering Inc. and National Laboratory Company Ltd. (Ma'amel).

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- Energy audits for industrial facilities
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Gulf Downstream Association (GDA)

The Gulf Downstream Association (GDA) was established by its Founding Companies from Saudi Aramco, Kuwait Petroleum International (KPI), Bahrain Petroleum Company (BAPCO), Kuwait National Petroleum Company (KNPC) and Abu Dhabi National Oil Company (ADNOC). GDA is a pioneering, non-profit association and "point of reference" for all downstream players including industry professionals, corporate executives and legislators seeking to foster excellence and drive advancement through mutually beneficial engagement and industry collaboration.

The Association was established to aggregate the scattered wealth of knowledge that lies across the global downstream industry in order to accelerate development and serve as a catalyst for strong and sustainable industry growth in the Gulf region and worldwide. GDA takes a leading role in supporting the local, regional and international industry through sharing of knowledge, experience and best practices.

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HADAF Energy is a 100 % Saudi-owned company specializing in the synthesis and formulation of specialty heat transfer fluids. The company is located in Al Jubail Industrial City, a city that meets 11% of the world's petrochemical consumption.


HADAF Energy is a (50:50) joint venture between Jubail Heat Transfer Fluids Company (JHTFC) an affiliate of Farabi Petrochemical Company, the largest producer in the Middle East and the 4th largest producer in world of linear alkyl benzene (www.farabipc.com) and Global Company for Thermal Chemicals (GTC) a subsidiary of Global Company for Downstream Industries (GDI), a leading company in the development of downstream petrochemicals and specialty chemicals in the Kingdom of Saudi Arabia (www.gdiksa.com).

Through the partnership, HADAF Energy will be expanding its existing heat transfer fluids capacity to cater to the forecast growth in demand for HTF in the MEAF region.

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We supply high-performance catalysts, proprietary technologies, process design, engineering, and services for use in the chemical and oil & gas industries like hydro-processing, hydrogen production, H₂S emissions control, ammonia, methanol and formaldehyde.

Our clients say that our unique portfolio of technology licensing & catalysts helps them achieve their objectives.

We serve the Middle East via our offices in Bahrain and KSA.



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HISAKA Middle East Co. Ltd.

Hisaka Middle East Co. Ltd. (Hisaka-ME) was established on March 2012 in Dammam, Kingdom of Saudi Arabia. It is a joint venture between Hisaka Works Ltd. (Japan), one of the leading manufacturers of plate heat exchangers in the world, and Nahda International Trading Est. (KSA), a subsidiary of Nahda Group, which was established in 1956. Hisaka have already supplied many heat exchangers all over the world especially in Asia and the Middle East.

The company was established to provide maintenance, technical support and after-sales services to clients who use Hisaka plate heat exchangers and to supply plate heat exchangers to potential clients in the oil and gas, petrochemicals, LNG, food and beverage, HVAC, paper, steel and marine industries.



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Honeywell UOP

Honeywell UOP is a leading international supplier and licensor of process technology, catalysts, adsorbents, equipment, and consulting services to the petroleum refining, petrochemical, and gas processing industries. UOP was founded in 1914 and is responsible for 31 of the 36 refining technologies commonly in use around the world today.



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IFP Training

For more than 40 years, IFP Training, an IFP Energies Nouvelles subsidiary, has been a leading provider of training, competency and professional development for the oil, gas, chemical and powertrain industries.

IFP Training offers a large range of services: In-house and public training courses, Masters degree and graduate diploma programs in partnership with IFP School, certification programs, competency assessment, global accreditation approach (training center, training program/pedagogy, site trainers/course lecturers).

IFP Training's solutions (ISO 9001 certified), which combine technical expertise and educational innovation, are recognized by the satisfaction and trust of customers all around the world.



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Ingenero Inc.

Ingenero delivers Big Data Analytics solutions for process plants and combines this delivery with fundamental Chemical Engineering principles to provide proactive process manufacturing improvement, which translates into improved operations efficiency, quality, asset performance and safety. The solution allows for faster development of client resources. Prescriptive solutions are provided as a result, based on Predictive and Diagnostic modeling based on a thorough understanding of all safety and operational constraints. Machine Learning combined the fundamental models helps increase the precision and applicability of the insights generated. Ingenero delivers world-class engineering: Unsurpassed Process engineering (i.e. Design, FEED, feasibility studies, etc.) and comprehensive PSM / PSV design & revalidation for API 520 / 521 compliance and customized engineering software solutions at extremely competitive rates.



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INMA Steel Fabricators Co. Ltd.

INMA Steel, a subsidiary of Alturki Holding Co., is a market leader in custom-built process equipment fabrication & specialized industrial maintenance services. INMA Steel is an ISO-9001:2015 & ASME / NB accredited company having U, U2, R, S and NB stamps. The manufacturing product range covers custom-built process equipment fabrication like vessels, columns, reactors, towers, heat exchangers, tanks, skid-mounted process equipment & modules, metallic piping, pipe repair components, sleeves & spectacle plates etc. in different metallurgies and thicknesses.

INMA Steel's Specialized Mechanical repair services include:

- Column, reactor & vessel repair services.
- Heat exchangers (complete repair solutions).
- Furnace, reformer re-tubing & repair services.
- Storage tank repair (bottom plate, shell, roof, CP replacement) services.
- Equipment replacement, erection, piping modifications and other general services.

Please visit our website www.inmasteel.com.sa for more details.



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JGC JGC Gulf International Co. Ltd. **JGC Gulf International Co. Ltd.**

JGC Gulf International Co. Ltd is a proud member of JGC Group of which parent company, JGC Corporation, is based in Japan. The history of JGC Corporation in Saudi Arabia can be traced back to the 1960s when the company first entered the oil and gas EPC market and since then executed several projects for Saudi Aramco, Saudi Aramco JVs, Bapco, Banagas and other reputed clients. As a reliable oil and gas EPC contractor, JGC Gulf International was established in 2008 in the kingdom in response to the Saudi government's call for internationally-renowned contractors to invest in the Kingdom of Saudi Arabia to support its economic and manpower development plans. Since launching JGC Gulf International, the company has executed several greenfield and brownfield projects for clients like Saudi Aramco, SASREF, SADARA, Petrorabigh, KJO, Bapco, Banagas, GPIC and other reputed clients in the Kingdom of Saudi Arabia as well as the Kingdom of Bahrain.



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John Zink Hamworthy Combustion

John Zink Hamworthy Combustion (JZHC) is the global leader in emissions combustion systems and innovative Smart Combustion™ solutions. A JZHC exclusive, Smart Combustion combines our extensive expertise with advanced digital technology to provide real-time, data-driven management tools that enable you to optimize the performance and efficiency of your combustion equipment every second of operation. Our engineered solutions include burners, flares, landfill/biogas solutions, gas recovery systems, thermal oxidizers, air heaters and recuperators, vapor control systems, flue gas treatment, ETI oil and gas processing and Zolo laser monitoring. We also offer Turnkey Services where available, from design through start-up and training.



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SASREF aspire to safely achieve best in class performance, maximizing profitability, with commitment to our people and community.

OUR VALUES



We are committed to proactively operate and work safety.



We retain/attract talented workforce through fair and consistent development, empowerment and recognition schemes.



We conduct our business transparently at the highest ethical standards according to our Code of Conduct and company policies & procedures with all stakeholders.



We all take the ownership to continually improve our refining operation efficiently to be best in class performer.



KBR

KBR's Technology Solutions business unit specializes in developing and licensing energy-efficient and cost-effective process technologies for refining, petrochemicals, ammonia and syngas, and inorganic and specialty chemicals. Our proprietary technology licenses, process equipment, catalysts, digital solutions and related technical services enhance the technical and economic positions of global energy and derivative companies.

From the earliest planning to deployment to ongoing operations, KBR works closely with customers to determine the optimal approach to deliver the best results across the entire service offering, including: licensed technology; proprietary equipment, catalysts and catalyst performance; basic engineering and design along with support for detailed engineering; commissioning and start-up services; grassroots, revamps and retrofits; safety and environment; competency development; asset integrity and reliability; etc.



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INNOVATION
AND ECONOMIC
DEVELOPMENT

King Abdullah University of Science and Technology (KAUST)

The KAUST Technology Transfer Office facilitates and accelerates the transfer of technology to industry partners to drive technological, economic and social impact. We offer a large portfolio of available technologies and solutions that can help solve industry challenges.

Established in 2009, King Abdullah University of Science and Technology (KAUST) is a graduate research university devoted to finding solutions to some of the world's most pressing scientific and technological challenges in the areas of food, water, energy, and the environment. With 19 research areas related to these themes and state-of-the-art labs, KAUST has created a collaborative and interdisciplinary problem-solving environment, which has resulted in over 11,000 published papers to date.



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King Fahd University of Petroleum and Minerals (KFUPM)

King Fahd University of Petroleum & Minerals (KFUPM) is a leading educational organization for science and technology. It was established on 23 September 1963. All programs of the engineering colleges were evaluated for “Substantial-Equivalency” recognition by the Accreditation Board for Engineering and Technology (ABET). With an acceptance rate of only 10%, it is the most selective in Saudi Arabia.

 www.kfupm.edu.sa




Knowledge Store for Trading (FabLab Mostaqbli)


Knowledge Store is the owner and operator of Fablab Mostaqbli, a maker space with a vision to become a pioneering center for a creative community, which proudly served more than 1,700 customers within its first year of operation.


Focusing on quality and value-adding activities, Knowledge Store with its ambitious young team delivers several services including education, modeling, 3D printing & consultation services:

- **Education:** Design & deliver several extracurricular activities in-house or on-site for all age groups, covering robotics, modeling, 3D printing and others to equip talented minds with makers' tools and skills.
- **3D modeling & printing:** Supporting inventors, creators and those who have the need for high-end 3D prints to illustrate or integrate their projects.
- **Consultation services:** Establishing and operating maker spaces, prototyping & idea development and commercialization.

FabLab Mostaqbli is an authorized maker space & supporter of the Saudi Maker Faire 2019

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Lokring Middle East

Lokring Technology offers an ASME B31 qualified mechanical 'weld equivalent' pipe connection, used as a high-integrity alternative to welded, flanged or threaded joints on small bore piping up to 4.

The cold weld Lokring Technology performs to equivalent standards as a butt weld and requires no hot work - eliminating the need for hot work permits, coded welders, habitats, purging, fire watch, NDT, etc. - leading to faster, safer and more cost-effective piping solutions.

Lokring has an extensive application history across the globe and across many industries including upstream O&G, petrochemical, refining, mining, pharmaceuticals, defence, marine, etc.

All major UK O&G operators use Lokring including Shell, Total, BP, Exxon, Chevron and ConocoPhillips.



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www.lokring.com/distributor/lokring-middle-east



Mathias Tourism

Mathias Tourism is one of the largest inbound tour operators, destination management companies and incentive tour specialists in the Kingdom of Bahrain.



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THREE LEGACIES **ONE FUTURE**

For years, the energy and petrochemical industries have counted on the catalysts, technology licensing, and services provided by the companies that comprise Criterion, CRI, and Shell Global Solutions. Today, these companies have come together under the Shell Catalysts & Technologies brand, channeling years of experience providing value-adding solutions, technologies, and services that drive the industry — and the world — forward.

Learn more about the promise of Shell Catalysts & Technologies at [Shell.com/CT](https://www.shell.com/CT)

SHELL CATALYSTS & TECHNOLOGIES
TRANSFORMING ENERGY TOGETHER





Metrohm Middle East FZC

Metrohm is a world-leading manufacturer of precision instruments for chemical analysis in the laboratory and online process equipment. In the field of electrochemical ion analysis, we have been the unchallenged world number one for years. Our dedicated teams in Technical Marketing, Application and Service Support ensure that customers maximize the utility of their instruments with enhanced support.

Designated as a Regional Support Centre for the Middle East & North Africa, Sri Lanka, Pakistan as well as Bangladesh. Metrohm Middle East FZC is based in the UAE, and along with a liaison office in Bangladesh, we extend valuable and timely support to our customers & distributors in the region.



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National Industrial Training Institute (NITI)

The National Industrial Training Institute (NITI) is a state-of-the-art institute that inspires passion for training excellence, world-class training programs, and human resources development.

NITI is an independent, not-for-profit training institute. It is the result of a strategic partnership between Saudi Aramco (SA) and the Technical & Vocational Training Corporation (TVTC) in accordance with a Memorandum of Understanding (MoU).

NITI offers industrial training mainly to high school graduates to qualify them to work in the Oil / Gas, Petrochemical, Energy, and Construction industries, in addition to their various related Services Companies.

NITI will sustain best-in-class quality standards, obtain international accreditation.



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nogaholding

The Oil & Gas Holding Company (nogaholding), the investment and business development arm of the National Oil and Gas Authority (NOGA) of the Government of the Kingdom of Bahrain, was established in 2007 and plays a key role in the implementation of NOGA's strategies. The company aims to create shareholder value by the successful management of the portfolio of the Government of the Kingdom of Bahrain's shareholdings in oil, gas and petrochemical assets.

nogaholding's portfolio includes: The Bahrain Petroleum Company (BAPCO), The Bahrain National Gas Company (Banagas), The Bahrain National Gas Expansion Company (Tawseah), The Bahrain Aviation Fuelling Company (BAFCO), The Bahrain Lube Base Oil Company (BLBOC), The Gulf Petrochemical Industries Company (GPIC), Tatweer Petroleum, Bahrain LNG W.L.L. and Bahrain Gasoline Blending (BGB) Company.



www.nogaholding.com



OLI Systems, Inc.

OLI Systems is an established global leader in delivering comprehensive, process optimization solutions for water chemistry-based industrial applications that enhance engineering productivity, operational efficiency, and sustainability while mitigating risk. As the pioneer in electrolyte/water chemistry science and its applications to industrial processes, OLI Systems delivers rigorous, accurate process modeling, simulation insights and intelligence with its extensive chemistry property database, differentiated thermodynamic and kinetic models and proven software platforms. With the industry-leading water chemistry process modeling portfolio of software, professional services, technical support, rich domain expertise, and tailored application solutions, only OLI Systems can effectively optimize multiple water chemistry-based processes in oil & gas, power generation, metals & mining, chemicals, water treatment, and related industrial markets.



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PAS Global, LLC

Founded in 1993, PAS is a leading provider of software solutions for ICS cybersecurity, process safety, and asset reliability to the energy, process, and power industries worldwide. PAS solutions include industrial control system cybersecurity, automation asset management, IPL assurance, alarm management, high-performance HMI™, boundary management, and control loop performance optimization. PAS was recently named the #1 Global Provider of Safety Lifecycle Management by ARC Advisory Group including #1 rankings within chemical, power generation, refining, and oil & gas. For more information, visit www.pas.com. Connect with PAS on Twitter @PASGlobal or LinkedIn.

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Process Systems Enterprise (PSE)


PSE (www.psenderprise.com) is the world's foremost provider of advanced process modelling software, services and solutions to the process industries, for digital R&D, design and operations.


PSE's gPROMS tools cover the whole process lifecycle within a single consistent framework. The gPROMS ProcessBuilder® flowsheeting environment includes powerful MINLP optimisation, industry-unique global system analysis and model validation tools that help capture knowledge, accelerate process innovation, improve designs, enhance operations, reduce risk and improve R&D efficiency. The gPROMS Operational Excellence Solutions, implemented within the gPROMS Digital Applications Platform (gDAP), provide online operational monitoring, soft-sensing, optimisation and planning based on high-fidelity models. The gPROMS Web Application platform (gWAP) enables easy deployment of models across the organisation.

PSE's global customer base is served by operations in the UK, USA, Japan, Korea, China, UAE and Taiwan."

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Raazji

Raazji celebrates Bahrain, its people, its culture, its diversity and its values. Being an island nation, it has attracted many of the most prosperous civilizations since 3000 BC. Its welcoming nature has absorbed the best of the world and yet has managed to maintain its sparkling identity. We at Raazji aim to celebrate this phenomenon through food. Embark on this journey with us as we bring together the best of Arabia and the rest of the world just for you to savour in every bite.



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Refining & Petrochemicals Middle East

Refining & Petrochemicals Middle East

Refining & Petrochemicals Middle East is the downstream monthly title for refinery professionals. The publication is designed to enhance its readers' industry knowledge and provide them with the information they require to run more effective businesses, boost bottom lines and improve the customer experience.

For advertisers, the magazine offers the perfect opportunity to directly address specific sectors at a senior management level, from refinery construction companies to operators and distributors.

Content includes regional news, international news, key industry profiles/interviews, comment, features and project reports/data.

All of the latest news from the Middle East's petrochemicals market is also available through www.refiningandpetrochemicalsme.com.





www.refiningandpetrochemicalsme.com




Research Products Development Company

Research Products Development Company (RPDC) is the national center for technology development and commercialization in Saudi Arabia. It was established as a technology development and commercialization engine by the Saudi Arabia Advanced Research Alliance (SAARA). Aligned with the Kingdom's 2030 vision and national initiatives to transform Saudi Arabia's economy, it accelerates the commercialization of research outcomes and early-stage innovations into economic activity. RPDC is a resource for the commercialization of innovative research where academic and industrial R&D centers will bring the power of its research to be translated into breakthrough technology. Its objectives are to provide critical applications development capabilities that are required by Saudi-based and global companies in the Kingdom, and also to generate a pipeline of investment-ready opportunities for existing companies, private investors, and the investment arms of the Kingdom.

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REXA, Inc.


REXA, Inc. is an international manufacturer of Electraulic Actuation™ - a revolutionary brand of electro-hydraulic actuators. REXA actuators combine the simplicity of electric operation, the power of hydraulics, the reliability of solid state electronics, and the flexibility of user-configured control. Our unmatched accuracy and repeatability, coupled with our minimal deadtime, allows plants to optimize control of their key process loops - improving plant operation and minimizing maintenance requirements.

REXA Target Applications:

- Steam Turbine Governor Controls
- Antisurge Valve Actuation
- Inlet Guide Vanes
- Fuel Gas/Fuel Oil Control Valves
- Flue Gas Slide Valves
- Spent/Regen Catalyst Valves
- Stack Damper Control
- Emergency Shutdown Actuation
- Turbine Bypass Actuation
- ID/FD Fan/Damper Control
- Feedwater Control / Feedwater Recirculation

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SABIC

SABIC is a global leader in diversified chemicals headquartered in Riyadh, Saudi Arabia. We manufacture on a global scale in the Americas, Europe, Middle East and Asia-Pacific, making distinctly different kinds of products: chemicals, commodity and high performance plastics, agri-nutrients and metals. We support our customers by identifying and developing opportunities in key end markets such as construction, medical devices, packaging, agri-nutrients, electrical and electronics, transportation and clean energy. SABIC recorded a net profit of SR 18.77 billion (US\$ 5 billion) in 2015. Sales revenues for 2015 totaled SR 148.09 billion (US\$ 39.49 billion). Total assets stood at SR 328.22 billion (US\$ 87.53 billion) at the end of 2015. SABIC has more than 40,000 employees worldwide and operates in more than 50 countries.

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 www.sabic.com/en




Safari Oil & Gas Co. Ltd.


Safari Oil & Gas was established in 2007, and it provides the following products/services:

- Non-metallic fiber composite solutions for online/offline repairs, to avoid costly shutdowns and extend the life expectancy of the facility
- Abrasion-Resistant Overlay(ARO) application for pipes in HDD and micro-tunneling
- Pipeline intervention
- Provision of cathodic protection systems, engineering and RMS
- Prevention of leaks & fires through the utilization of modern technologies
- CUI mitigation by early leak detection
- Inspection services for above ground and subsea pipeline/piping and structures

SOG is in the process of expanding its operations & services.

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أرامكو السعودية
saudi aramco



Saudi Aramco

Saudi Aramco is a fully-integrated, global petroleum enterprise, and a world leader in exploration and production, refining, distribution, marketing and petrochemicals manufacturing. The company manages proven reserves of 260.8 billion barrels of oil and manages the fourth-largest gas reserves in the world, 298.7 trillion cubic feet. In addition to its headquarters in Dhahran, Saudi Arabia, Saudi Aramco has affiliates, joint ventures and subsidiary offices in China, Japan, India, the Netherlands, the Republic of Korea, Singapore, the United Arab Emirates, the United Kingdom and the United States. For more information, go to www.saudiaramco.com



www.aramco.com



Saudi Aramco Mobil Refinery Company Ltd. (SAMREF)

Saudi Aramco Mobil Refinery Company Ltd. (SAMREF) is an equally-owned joint venture between Saudi Arabian Oil Company (Saudi Aramco) and Mobil Yanbu Refining Company Inc. (a wholly-owned subsidiary of Exxon Mobil Corporation).

SAMREF is a complex refinery which was formed for the development, construction, ownership and operation of crude oil refining facilities in Yanbu, Saudi Arabia.



www.samref.com.sa/default.aspx



Saudi Aramco Shell Refinery Company (SASREF)

SASREF is a Saudi company split equally between Saudi Aramco and Shell International. Its headquarters are located in Jubail Industrial City. Its scope of work includes the refining of crude oil and converting it into petroleum products, which are mostly exported to international markets. The production capacity of the refinery is 305,000 barrels per day. The main products are liquefied petroleum gas (LPG), naphtha, kerosene, diesel, fuel oil and sulfur.

Our products:

- Chemical feedstock naphtha
- Dual-purpose kerosene
- Gas oil (Diesel)
- Fuel oil
- Benzene
- Liquefied Petroleum Gas (LPG)
- Gasoline Component Naphtha (MOGAS)
- Sulphur



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Saudi Petroleum Services Polytechnic (SPSP)

SPSP has been established to meet the needs of the petroleum services industry and to support the Saudization process in the Kingdom of Saudi Arabia. It was founded by the Ministry of Energy, the Technical and Vocational Training Corporation, Saudi Arabian Chevron, Saudi Aramco and Aramco Gulf Operations Company.

The petroleum services industry consists of a number of contracting companies that service the oil exploration, drilling and production facilities in oil fields throughout the Kingdom of Saudi Arabia. These contractors work with the major oil companies, such as Saudi Aramco, Saudi Arabian Chevron, AGOC, etc. in exploring new fields, developing others, and utilizing the latest technology to extract oil and gas from the most difficult strata.



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S-Chem

S-Chem is a pioneering company in the petrochemical field, with international partnerships with companies that have vast global experience, state-of-the-art technologies and a large customer base. Saudi Chevron Phillips Company (SCP), Jubail Chevron Phillips Company (JCP) and Saudi Polymers Company (SPCo) are collectively known as S-Chem.

Saudi Chevron Phillips Company (SCP) produces benzene, cyclohexane and motor-gasoline components. Jubail Chevron Phillips Company (JCP) produces ethylene, styrene and propylene. Saudi Polymers Company (SPCo) produces ethylene, propylene, polyethylene, polypropylene, polystyrene and -1hexene and includes a world-class olefins cracker.



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Shandong Junfei Environmental Protection Technology Company Limited

Shandong Junfei Environmental Protection Technology Co. Ltd., one of the earliest and biggest petrochemicals production and trading enterprises, was established in 1991. Taking advantage of advanced equipment, cutting-edge technology and efficient enterprise management systems, Shandong Junfei gradually became the long-term supplier of SINOPEC, CNPC, CNOOC, Yanchang Petroleum and ChemChina. Shandong Junfei's primary business is to develop and manufacture petrochemicals and fine chemicals, which includes oil refining additives, scavenging agents, catalysts and high aromatic oil. The annual output of CO promoters manufactured by Shandong Junfei has reached 2,000 tons and makes up a 70% domestic market share.



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Shell Catalysts & Technologies

Shell Catalysts & Technologies

Shell Catalysts & Technologies is at the forefront of developing new services and technologies for the energy and petrochemical industries. This includes advanced catalysts for refining and petrochemicals, as well as licensing and technical services to support these technologies/solutions. Shell Catalysts & Technologies is committed to enable industry to provide more and cleaner energy solutions for today and the future. Shell Catalysts & Technologies is an affiliate of Royal Dutch Shell plc, a global group of energy and petrochemical companies with operations in more than 70 countries.

To learn more, visit www.shell.com/CT.



www.shell.com/CT



SINOPEC

SINOPEC

Sinopec Group is the largest oil and petrochemical products supplier and the second largest oil and gas producer in China, the largest refining company and the third largest chemical company in the world. Its total number of gas stations rank second in the world. Sinopec Group ranked 3rd on Fortune's Global 500 List in 2018.

The principal businesses of Sinopec Group include petroleum and natural gas exploration, production, storage and transportation, sales and comprehensive utilization; oil refining; storage, transportation, wholesale and retail of oil products; production, sales, storage, transportation of petrochemical products, gas-based chemicals, coal chemical products and other chemical products; production, sales, storage and transportation of energy products such as new energy and geothermal energy; design, consulting, construction and installation of petroleum and petrochemical engineering projects, etc.



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Sirim Qas International Sdn. Bhd.

SIRIM QAS International is an accredited certification, inspection and testing services provider under numerous bodies, including the National Accreditation Body, the Department of Standards Malaysia (STANDARDS MALAYSIA), the United Kingdom Accreditation Service (UKAS) as well as a Notified Body for the Gulf Technical Regulation for Low Voltage Electrical Equipment and Appliances (BD 142004-01)

With SIRIM QAS International, customers enjoy all the benefits of a recognized world-class certification, inspection and testing body, including:

- A one-stop solutions provider for all their testing, inspection and certification needs
- Greater market acceptance of products in Malaysia and abroad
- Market access to over 37 countries around the world via the International Certification Network (IQNet)
- Continuously-updated certification schemes which put consumers and the environment first

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SIXT Rent a Car

Sixt is a leading car rental company in Bahrain, offering car rental, chauffeur services, airport transfers, short- and long-term leasing. Sixt offers a wide range of services to business and leisure customers at more than 4,000 locations in over 100 countries, including the UAE, Saudi Arabia, Qatar, Kuwait, Oman, Lebanon and Jordan etc.

In Bahrain, Sixt provides services from three strategically-located Sixt showrooms which have been set up for the convenience of the customers at the airport, Juffair and Riffa. These showrooms offer an unrivalled blend of service, luxury & ambience, with the futuristic facilities providing a totally fresh and exhilarating car rental experience.

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Star Light

Star Light Group offers diversified services to the Oilfield, Power and Infrastructure projects. Star Light Group have recently expanded its project services, manufacturing units and new API standard workshop facilities to complement its existing local inventory as well as distribution network for critical Oilfield equipment. Star Light is affiliated with Al-Abdulkarim Holding Company in Saudi Arabia which has over 40 years of experience serving Oil & Gas Industry. Capitalizing the broad global presence, technical & logistical capabilities, knowledgeable & multi-lingual staff with understanding of the diversified cultures, Star Light is an ideal partner for any major projects.

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Stratas Advisors





Stratas Advisors is a global consulting and advisory firm that covers the full spectrum of the energy sector and closely-linked industries. The world's leading businesses, governments and institutions turn to us for data, analysis and insight (IOCs, NOCs, independents, energy consumers and financial entities). We help our clients achieve tangible results through informed strategic decision-making and implementation planning.

Key differentiators include:

- Global coverage with deep local knowledge
- Integrated analysis across the entire energy value chain, including macro-level analysis (geopolitics, macro-economics, policies and regulations)

Combined, our team brings over 500 years of combined energy industry expertise, including:

Technical (petroleum engineers, geologists, process engineers)
Economists
Political scientists
Financial analysts

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SUEZ Water Technologies & Solutions

Customers need to meet evolving and complex regulations while managing tighter budgets and improving outcomes. They need a technology and solution provider with expertise and innovation to help them overcome their water and process challenges. It is our goal to enable our customers to meet increasing water demands, overcome scarcity challenges, enhance their environmental stewardship and comply with regulatory requirements. Our experts partner with customers around the world to provide solutions for the toughest industrial water and process challenges.

SUEZ's offering for Water Technologies & Solutions has the most comprehensive set of chemical, equipment and digitally enabled services and products to help our customers manage and optimize their water resources and overcome pressing challenges. Leverage our water treatment systems and technology to reduce costs, meet environmental regulations and prepare for changing demands.



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www.suezwatertechnologies.com



فندق الخليج البحرين
THE GULF HOTEL
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CONVENTION & SPA

The Gulf Hotel Bahrain Convention and Spa

The legendary 5-Star hotel of Bahrain, established in the heart of the island since 1969, offers quality Bahraini hospitality and unrivaled luxury facilities.

Conveniently located in the vibrant and central Adliya district, the hotel is only 15 minutes away from the Bahrain International airport and many main attractions.

The newly renovated Gulf Convention Centre, features state-of-the-art facility and houses 29 venues and over 4780 square meters of space to host any type of events. From intimate business meetings to theatre-style conferences for up to 2200 delegates.

Featuring 361 luxurious rooms and suites and 16 award winning fine-dining restaurants, lounges and bars to experience gastronomy from all around the world.

The Gulf Spa features lagoon-style swimming-pool in tropical gardens, kid's pool and play area, squash and tennis courts, along with three floors of ultimate Spa treatments and facilities guaranteed to a memorable and unique experience not found anywhere else.



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VEGA

VEGA

VEGA is a German manufacturer of level and pressure instruments for all applications including in the chemicals, oil & gas, food, water & waste water, bulk solids and pharmaceutical sectors.

Production processes are becoming ever more complex. So it's really important that the measurement technology used to control and monitor the processes is all the more understandable and intuitive. VEGA has set itself the goal of developing innovative measurement technology that is easy to install and operate and offers maximum safety and reliability: Guide Wave Radar (GWR), free space radar, radiation-based technologies, capacitance probes, pressure and differential pressure transmitters (DPT), just to name a few.

VEGA is active in over 80 countries with its globe-spanning network of subsidiaries.

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GRACE

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Built on talent, technology, and trust, Grace high-performance specialty chemicals and materials improve the products and processes of our customers around the world.

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We have strong franchises in large global markets, with more than 80 percent of our sales from segments where we rank first or second. This leadership is earned through the value of technically differentiated, specialized products; material science expertise and technical support; flexible worldwide manufacturing; and financial strength.

We are committed to delivering value, safely and sustainably, to our customers, to shareholders, and to the communities where we operate.



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Yokogawa Middle East & Africa

Yokogawa Middle East & Africa B.S.C. (c) (YMA), is wholly-owned subsidiary of Yokogawa Electric Corporation, Japan. Yokogawa's comprehensive solutions range from sensors (such as pressure transmitters, flow meters and analyzers) and network solution products, to control and safety systems. This includes the software for advanced control that optimizes productivity; and services that minimize plant lifecycle costs.

Yokogawa Middle East & Africa (YMA) has its regional headquarters in Bahrain. We offer process automation solutions locally with engineering and commissioning projects. Further we contribute to customers' optimum plant operation and maintenance by providing committed after-sales support through training and service on a 24/7 basis.



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MEPEC Innovation & Commercialization Zone (ICZ) Company Listing

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Aim 3D

Aim 3D delivers innovative 3D printing services (including 3D design and 3D scanning), targeting the industry, healthcare, architecture & design, fashion & jewelry, and consumer goods sectors. The company employs 3D technologies and multidisciplinary knowhow to serve the Middle East market by: (1) Building 3D printing innovation centers to reach out and provide solutions to customers; (2) Delivering 3D printing services to meet both large and small needs in society; and (3) Creating new knowledge and intellectual property to sustain and advance 3D printing capabilities. For more information, please visit www.aim3d.com.

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BRAQ Industries

BRAQ Industries provides ultra-safe, accurate, and efficient end-to-end UAV-based solutions for high-risk and labor intensive industries in Saudi Arabia.




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Emerson

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Eye Wheels

This innovation is related to a powered wheelchair controlled by eye gaze on a monitor. It is meant to be used by those who have an extreme movement disability such as cerebral palsy, paraplegia, or even old people with weak bones and muscles. The wheelchair in this innovation includes a monitor mounted in front of the user with an angel so it doesn't obscure the vision. A calibratable IR eye-tracking sensor that detects the eyes looking at the monitor and return data including x and y coordinates of gaze point. Controlling the chair is done by using a software that includes buttons for controlling the movement of the chair in different directions, stop button and speed control buttons. Focusing on any button for a certain time would activate the command of this button. It also includes a self-driving control software (SDCS) that provide the user with safe movements using an analyzing camera and lidars. SDCS also helps the user to make automated turns to enter rooms for example.

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Fablab Bahrain

Fab Lab Bahrain provides the necessary support to develop and grow innovation capability. We aspire to promote a collaborative culture in our community and gather as many collective brains to generate novel ideas and contribute to existing global projects. As part of our efforts, we help companies implement proven tools, methods, and processes to progress by operating as partners for in-house innovation and R&D. We aim to drive revenue growth and improve efficiency.

We provide in Fab Lab Bahrain the ideal environment to develop creative ideas and explore innovative solutions. We utilize a systematic research-driven approach to identify solutions to challenges facing the industry, and provide support implementing them without significant disruption of existing workflows. Digital fabrication allows the rapid transformation of ideas to fascinating objects and enables the exploration of new digital channels and means of innovation.

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F.O.F Technologies - Kampus BuyBack

FOF Technologies is a small, forward-thinking, and highly-agile provider of solutions in the fields of business development and information technology. We specialize in providing highly customized solutions in engineering, I.T., and business development services to small and large companies alike. We are a "one-stop-shop" solution for whatever it is a business demands.

Our company has also implemented its IT and engineering expertise to develop its own products, such as Kampus BuyBack - an online student marketplace that allows university students to buy and sell used goods to one another, and the bawks - an extremely powerful decentralized multimedia system that implements block-chain technology and artificial intelligence to deliver "smart content" to its users.

As a goods and services company, we firmly believe in providing high-quality products and services that adhere to the very best in quality control and assessment practices.



Greenturn Idea Factory (Greeniee)

Greenturn Idea Factory (GIF) has developed an IoT based analytics platform, Greeniee, which helps Enterprises reduce their energy spends through real-time data driven insights.

Energy usage across the globe is increasing as more countries grow, demanding increasing energy usage. Enterprises are heavy consumers of energy, with some spending millions of dollars on annual energy charges. Energy charges are also one of the highest operational expenses of a firm. However, various studies show that 20-30% energy, electricity in particular, being consumed in a premise is being wasted at any given time. A lack of visibility into energy usage is a key reason for this wastage. Decision makers fail to visualize the impact of energy wastage and the benefits of saving energy. Greeniee helps enterprises plan their energy strategy, understand the electricity usage, cut down wastage thus saving money and also helps firm meet their sustainability goals by managing their carbon footprint.

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LazyWait

Everyone at LazyWait believes that they are SIMPLICITY agents! We strive to help businesses simplify the way they monitor and control their projects to lower their costs, increase their revenues and to maintain amazing levels of customer services. With all the features we have today in our POS Cloud Platform, we believe, we can even impress our clients' customers. The problem we are trying to solve is not easy. Nevertheless, with all of the collective wisdom we are continuously acquiring, we believe we would be the best solution to speak the business SIMPLICITY alphabet.

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KHOUT 3D

KHOUT ALTEBAAH

Khout AlTeebah is a 3D filament provider for the 3D printing users with high-quality products to support them in their innovations, modeling, and prototyping. The second stage of Khout AlTeebah is to localize filament manufacturing in Saudi Arabia by 2020, using polymers from Saudi petrochemicals companies, in addition to our research and development in filament products to provide the best choices to markets and end users in Saudi Arabia, the GCC and Middle East countries.

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LOTO Safety Products DMCC

When multiple personnel are involved in energy isolation programs, group locking of individual or multiple energy sources is carried out using a combination of scissor hasps and safety padlocks. This system has been in use since 1990 when Lockout Tagout became a mandatory requirement by OSHA in USA.

TEAM-LOK™ safety lockout padlock's unique patented design permits a sequential locking and unlocking system of First In / Last Out and vice versa, creating a physical and visible hierarchical tree through use of additional TEAM-LOK's and/or secondary padlocks.

TEAM-LOK™ addresses a hitherto un-served realm in energy isolation, the possibility of ensuring that re-energization can be enforced to follow a set of procedural hierarchy. This physical implementation of procedural hierarchy ensures that even a series of lapses in safety procedure cannot culminate in an accident.

TEAM-LOK™ is patented in India & China and patent pending in UAE, KSA, USA, UK, Australia and Netherlands.

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Namthaja

Namthaja is an additive manufacturing company established 2015 in Dammam, Saudi Arabia. It provides full manufacturing solutions starting from the design stage up to final product manufacturing. We are specialized in 3D printing, with more than 35,000 hours of 3D printing experience. We believe that this new technology will open new frontiers for engineers and designers, and will change how we think of manufacturing forever. We serve our customers in several fields such as: reverse engineering and spare part manufacturing, customized product and small batch manufacturing, mold and pattern manufacturing, model and prototype manufacturing, sculptures and art pieces.

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RABT Technologies

Rabt is a purpose-led company focused on improving ways how we live. Rabt is focused on use-cases that are tracking, communication, health and user-experience.

Our first solution is for Hajj and Umrah pilgrims. Rabt wants to make the journey of millions of pilgrims safe and secure by offering them a solution that is human-centric.

Using Rabt IoT Platform, Tour Operators and Ministry of Hajj and Umrah can onboard pilgrims, manage them in different groups and monitor them in real-time.

It includes Rabt IoT Platform, Wearable Device and Mobile Application.

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Prayogik Technologies Pvt Ltd

We M/s Prayogik Technologies is a recognized Startup by Dept. of Industrial Policy and Promotion (DIPP) Govt of India, working towards Power management solutions (renewable and non renewable both) in Oil & Gas Industry having end consumer like ONGC, OIL India, GAIL, Essar, BG, Reliance, PTTEP Thailand, CUEL, Gazpromcert Russia etc.

We have various product & services out of which some are mentioned below:

- 1) Design, Engineering and System Integrator of Thermoelectric Module Static Generator DC Power (TMSG-DC), IPR Filed.
- 2) Design, Engineering and System Integrator of PLC based Hybrid Solar Charge Controller, IPR Filed
- 3) Design, Engineering and Consultancy to BHEL Bhopal for Solar Power System (21% efficient) in Offshore (NRDP, LEWPP02, LPIC4 OMAN, BD3 executed)

We have expertise in providing the highly standalone power source in hazardous extreme harsh environments from -40deg to +70deg Celsius where other power sources failed to provide required power requirement.

-  www.prayogik.in



Saaya Health

Saaya Health provides culturally-relevant mental & emotional health for employees. We are developing an augmented reality module for our telemedicine services.




We provide companies their individualized platform and telemedicine solutions, which gives them access (online and face-to-face) to counsellors, therapists, coaches from around the world, along with providing them an experience that helps break down barriers that are present in normal video conferencing solutions by using augmented reality solutions.

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Singapore Management University - SMU

The Institute of Innovation & Entrepreneurship (IIE) at SMU is a practice-oriented institute that fosters innovation and entrepreneurship excellence at SMU and beyond. The institute features an innovation academy providing cutting-edge experiential training programs for students and professionals, a full-service, equity-free incubator with a highly influential mentorship panel, and a world-class start-up competition named after our founding Prime Minister, Mr. Lee Kuan Yew.

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Smart Transformation (STSCChain)

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Smartix

Smartix is an innovative product that instantly adjusts water temperature during summer and winter to suit customer's comfort. This product can automatically adjust water temperature and allows you to select the exact water temperature inside the house.

This product is designed to optimize energy consumption, reduce water consumption and provide the customer with a new easy way to control water temperature. Compatibility with solar panel is a key factor to further reduce the energy consumption.



According to the market analysis, we expect to see a huge demand in numerous cities of Saudi Arabia and other GCC countries over the next 5 years.

Our vision is to provide a quality product that completely solves the water temperature issue and reduces the water consumption.

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Technology in Pipe Couplers & Flange Adaptors

Inventive Technology in Pipe Couplers & Flange Adaptors





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TerraDrone CCS Co.

TerraDrone CCS provides innovative drone-based solutions for oil and gas, mining, solar, wind, infrastructure inspection, GIS and more.

We offer end-to-end drone solutions, right from manufacturing hardware based on specific project requirements and UAV data acquisition, through surveying and inspection, to processing the data with an aim to provide actionable insights.

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VendaZone

VendaZone is an online marketplace connecting Saudi manufacturers with domestic and international buyers. It is a B2B E-Marketplace that enables buyers to search and buy Saudi products and sellers can showcase these products.

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The Hive

The Hive is Bahrain's Hackerspace.

We help people build hardware products and technology solutions that make the world a better place.

Our mission is to provide makers with space, tools, and resources to enable a unique ecosystem that contributes to the growth of our knowledge economy, creating long-term positive change. We are guided by sustainability development goals and a collaborative community approach. Collectively we overcome resource and logistical limitations to creating prototypes, products, and solutions. We aim to break down complex technologies so that anyone can build, prototype and invent. Delivering results and learning from experiences at a rate and cost that is affordable to anyone.

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Vortex IoT

At the core, we are a highly skilled team of engineers with expertise in emerging technologies, Artificial Intelligence (AI) and Machine Learning. Vortex IoT is led by an experienced Executive and Non-Executive board. Our R&D and Commercial experience extend to multi-sector knowledge and connectivity coupled with experience in building value-driven strategic alliances and partnerships.

We supply secure IoT systems that will mitigate your integration, cyber and adoption timeline risks. We are both Data Platform and Communications Platform agnostic ensuring rapid deployment to your existing infrastructure (physical & digital).

We have an enviable list of customers that include Tata Steel, Network Rail and ST Engineering. The company also benefits from commercial partnerships and alliances with DELL EMC, BT, Swansea University and IBM. Our products know no boundaries and the company we keep is global which aligns to our ambitions of "Making the Physical Digital" globally!

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Whosfit.co

We are an innovative recruitment agency that is located at the biggest market at GCC Saudi Arabia and focusing in providing the best and most suitable candidates for the companies.

We provide the best solutions to solve and organize the hiring process. Also, we guarantee our results for our clients.



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YOKOGAWA

Yokogawa Middle East and Africa

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Useful Information

Key Dates

Conference and Exhibition: 14 – 16 October 2019

Official Venue

Conference and Exhibition: Bahrain International Exhibition & Convention Centre, Manama, Kingdom of Bahrain

DAY	Registration Timings	Conference Timings	Exhibition Timings
Sunday, 13 th October	14:00 - 19:00		
Monday, 14 th October	07:00 - 19:00	09:30 - 18:20	09:30 - 17:30
Tuesday, 15 th October	07:30 - 17:00	09:00 - 18:45	09:30 - 18:00
Wednesday, 16 th October	07:30 - 15:00	09:00 - 16:30	09:30 - 17:00

Conference

Access to the conference sessions is strictly limited to registered conference participants as well as accredited students, press and media. Delegate badges should be worn at all times to avoid refusal of entry in any of the halls, conference sessions and lunch areas.

Exhibition

All visitors should register before entering the Exhibition Hall. Entry badges should be worn at all times. Animals of any kind are not allowed in the event.

Destination Management Services

The official Travel Agent for the events is Mathias Tourism and has been appointed to facilitate the following:

- **Accommodation & Visa Services** - Mathias Tourism can assist the participants with hotel booking and Visa support
- **Tours and other services** - Mathias Tourism can also provide tours, meet and greet services, handle special requests for side and parallel events

Please contact: **Imran Ahmed Abraham**

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Rent-a-Car

Sixt is the Official Rent-a-Car Company and can be contacted through:

Imran Ahmed Abraham of Mathias Tourism

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**Email: mice@mathiastours.com
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OTHER ON-SITE SERVICES

Catering

Conference participants will be able to enjoy complimentary coffee breaks and luncheons during the Conference time in dedicated areas clearly indicated for the occasion.

Filming and Photography

Only the official photographer and videographer, will be permitted to capture or record images of the Conference.

For more details, please contact:

Poornima Jadhav

Email: poornima@mee-events.com

Social Media

Follow us on #MEPEC2019 #WPCDownstream #LEWAS2019 #ChemME2019 #ICZ2019

Mobile App

The program can also be viewed on the Official Mobile App, which will be updated with any changes to the program schedule or presentations during the conference. The Mobile App is available on App Store and Google Play Store. Search and download "MEPEC2019".

First Aid

First Aid will be available at the Bahrain International Exhibition and Convention Centre from 14 - 16 October 2019, at the Medical Center Room, Hall 1.

Lost and Found

All lost and found items will be available at the Organizer's Office in Hall 1.

Prayer Rooms

Prayer rooms are clearly marked and available in Hall 1.

Toilets

Such amenities are available and clearly marked at the Bahrain International Exhibition and Convention Centre throughout the Venue and will be indicated with clear signage.

On-site Organizer's Contact Numbers

Alexis Neron-Bancel, Managing Director

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For more information, please contact

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See you in 2021!