

GERAB

BULLETIN

Vol: 17



- **Editorial:** Gerab National Enterprises is headquartered in the UAE. Gerab serves the Oil, Gas, Petrochemical, Energy, Water, Process, and Other Civil Construction industries. Gerab's strong relationship with manufacturers world-wide enables it to offer quality piping solutions timely, and competitively. Furthermore, it's in-house storage facilities, logistics capabilities, value-added services, and motivated teams offer innovative solutions for managing project material supplies to our customers. Gerab maintains a significant inventory of well-preserved piping components and applies the ISO 9001:2008 quality assurance standards for managing the inventory and material documentation. Gerab Bulletin is our contribution to update our stakeholders on project announcements and key component pricing trends. We hope you will find the contents useful and we would definitely like get your feedback.

EXECUTIVE SUMMARY

The Commodity summary

- Crude Oil Brent prices are trading higher by 7% MTD and Crude Oil WTI prices are trading higher by 10% WTD but they are trading lower by 20% than a year ago prices.
- Coal prices are trading lower by 38% YTD
- Iron ore prices in downtrend and trading lower by 23% YTD.
- Nickel prices are in uptrend and is trading higher by 23% 6MTD
- Natural Gas prices were up by 6% WTD but trading lower by 65% YTD

The Currency summary

- Euro has gained strength against USD and is stronger by 12% 6MTD
- The US Dollar to CNY is stronger by more than 7% YTD

The Rig count summary

- The Rig counts in Africa have gone up by 20% 6MTD and the rig counts in North America have gone down by 16% 3MTD.

Project summary

- ADNOC L&S signs \$2.6 billion contract for new logistics platform project
- UAE player lands \$412 million contract at world's second largest offshore oilfield
- Bahrain's Tatweer Petroleum eyes EPC contractors for \$200 million gas project
- Inside Kuwait's \$10 billion Al-Zour petrochemicals complex project
- Gulf Energy awarded \$100m Multiple Contract Extensions in Oman
- Battle heats up for \$5 billion offshore packages from Qatar's NOC
- ACWA Power \$677mn rabigh project
- Iraq acquires stake in TotalEnergies' \$27 billion project
- L&T unit lands over \$852m In Middle East EPCI contracts

COMMODITY UPDATES

COMMODITY	UOM	Latest Price	WTD %	MTD %	3MTD %	6MTD %	YTD %
Chromium	USD/MT	10,142.36	0.13	-1.94	-4.73	7.58	-12.36
Coal	USD/MT	207.56	-3.01	4.99	-48.39	-51.79	-38.40
Cobalt	USD/MT	36,310.13	-0.06	5.02	-8.02	-35.51	-58.09
Copper	USD/MT	8,979.50	1.11	1.27	-0.13	18.81	-11.72
Crude Oil	USD/BBL	82.77	-0.96	8.62	1.40	-8.08	-20.38
Crude Oil Brent	USD/BBL	84.72	-1.06	7.03	0.29	-9.09	-20.18
Crude Oil WTI	USD/BBL	80.82	-0.85	10.34	2.60	-7.00	-20.58
Iron Ore	USD/MT	120.34	-0.59	-5.61	-0.16	26.22	-22.81
Molybdenum	USD/MT	41,520.15	-8.99	-41.84	-39.27	0.62	-2.15
Natural Gas	USD/MCF	2.45	6.35	-2.22	-33.39	-61.40	-65.13
Nickel	USD/MT	25,375.00	7.73	8.04	-10.95	15.32	-23.48
Steel HRC (FOB China)	USD/MT	627.50	0.24	-4.46	1.76	13.01	-26.20
Steel HRC (N. America)	USD/MT	1,295.21	0.00	6.31	62.81	53.55	-20.65
Steel Rebar	USD/MT	633.13	-0.45	-5.99	-4.01	11.15	-27.23
Steel Scrap	USD/MT	415.00	-4.38	-7.47	0.20	16.35	-30.85

Source: Investing.com / Trading Economics / London Metal Exchange / MarketIndex.com.au / OilPrice.com

CURRENCY EXCHANGE RATE

Code	Description	Country	Units	Latest Exchange Rates	WTD%	MTD%	3MTD%	6MTD%	YTD%
EURUSD	1 EUR to USD	Euro Area	USD	1.0958	-0.78	2.23	0.95	12.07	1.00
USDCNY	1 USD to CNY	China	CNY	6.8997	-0.42	-0.39	-1.74	4.91	-7.01

Source- Trading Economics

CRUDE OIL STOCK

Region	Unit	Latest Count	WTD %	MTD %	3MTD %	6MTD %	YTD %
US Stocks of Crude Oil & Petroleum Products	Thousand Barrels	16,02,195.00	-0.13	0.30	-0.31	-1.34	-5.55

Source: US Energy Information Authority

SELECTIVE COMMODITY TRADERS AND PIPE MANUFACTURERS STOCK PRICES.

STOCK PRICES

Name	Latest Value	Units	WTD%	MTD%	3MTD%	6MTD%	YTD%
ArcelorMittal SA	29.47	USD	-1.31	9.19	-4.66	32.69	-9.35
Glencore PLC	494.35	GBP	1.37	10.01	-14.16	1.99	-4.73
NYSE American Steel Index	1,922.20	Index	0.75	7.19	-2.00	28.10	-5.25
Rio Tinto PLC	5,530.00	GBP	-0.13	3.17	-10.99	16.94	-5.47
Tenaris SA	29.06	USD	-2.84	2.14	-18.42	-0.58	-11.13
Tubacex SA	2.53	EUR	-3.44	1.20	12.44	25.25	39.78

Woodside Energy Group	33.41	AUD	-3.22	7.77	-9.80	-3.33	2.23
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Source- Trading Economics / Wall Street Journal / CNBC

INTERNATIONAL RIG COUNTS

ACTIVE RIG COUNTS BY REGION

Region	Latest Count	WTD %	MTD %	3MTD %	6MTD %	YTD %
United Arab Emirates	52	*	-1.89	0.00	4.00	26.83
GCC	214	*	-1.38	-1.83	2.88	5.94
Middle East	318	*	-1.24	-0.93	3.58	4.95
Africa	89	*	3.49	5.95	20.27	9.88
Asia-Pacific	195	*	3.72	6.56	1.56	11.43
Europe	109	*	5.83	1.87	9.00	57.97
Latin America	183	*	1.10	5.78	2.23	15.09
North America	856	-2.17	-3.93	-15.75	-12.47	8.22
Total	1,750	*	-1.19	-7.11	-4.37	10.90

Source- Baker Hughes

(*) No weekly data available for those particular regions

PROJECTS

UAE

- UAE player awards prized five-year FPSO services contract for Norwegian veteran**
 Operations and maintenance contract is valued at around \$20 million, with a primary term of five years. United Arab Emirates-based Svetah Energy Infrastructure has awarded an operations and maintenance contract for a key floating production storage and offloading vessel to be deployed off India's east coast. India's Asian Energy Services Limited (AESL) said it has received a Letter of Award (LoA) from Svetah Energy for work on the Svetah Venetia FPSO, which will be deployed at the CY-OS-90/1 (PY- 3) offshore field. The estimated value of [the] LoA is around \$20 million. The primary term is proposed to be five years commencing from the date of readiness of Svetha Venetia to receive hydrocarbons from PY-3 field," AESL stated. The floater has a processing capacity of 57,000 barrels per day of crude, 53 million cubic feet per day of gas, and a water handling capacity of 25,000 bpd, along with storage capacity of 437,000 barrels, Upstream understands. While initial oil production from PY-3 is expected to be relatively lower, output is expected to be scaled up in the next year or two with the addition of an incremental well and further exploration, industry sources said. **27th March 2023**
- Adnoc kicks off drilling operation to turn carbon dioxide into rock**
 The state giant confirmed that drilling has commenced for the pilot project, which is seen as a key enabler of its energy transition plans. Abu Dhabi National Oil Company (Adnoc) has initiated a drilling campaign at Fujairah for a project that plans to turn captured carbon dioxide into rock. Adnoc confirmed in a social media post that drilling has commenced for the pilot project, which is seen as an enabler of energy transition plans that propose abatement of emissions from fossil fuels on a huge scale. Adnoc said earlier this year said that it has partnered with compatriots Fujairah Natural Resources Corporation, Abu Dhabi Future Energy Company (Masdar) and Oman-based technology company 44.01 on the innovative project. Award-winning solution The emirati state giant said the project envisages taking CO2 from the atmosphere, mixing it with seawater, and further injecting it into peridotite rock formations underground. **29th March 2023**
- ADNOC L&S signs \$2.6 billion contract for new logistics platform project**

ADNOC Logistics & Services (ADNOC L&S) has signed a \$2.6 billion contract with ADNOC Offshore to provide integrated logistics services for its new Integrated Logistics Services Platform (ILSP), one of the largest turnkey offshore logistics offerings in the world that is expected to coordinate end-to-end management of logistics and maritime operations at its base in Mussafah, Abu Dhabi. The agreement with ADNOC Offshore runs for five years, with the option of a five-year extension, and includes the provision of port services, warehouse operations, heavy lifting, material handling and shipping, rig and barge moves, marine terminal operations and waste management services. Captain Abdulkareem Al Masabi, CEO of ADNOC L&S, said: “We are very pleased to extend our decades’ long collaboration with ADNOC Offshore as we unveil our ILSP and continue to revolutionize offshore oil and gas logistics. The ILSP is a unique offering that centralizes all logistics requirements for our customers through a single interface, optimizing efficiencies and reducing logistics costs. **30th March 2023**

- **Eni, ADNOC Ink MOU to Explore New Opportunities in Decarbonization**

Claudio Descalzi, Eni Chief Executive Officer, and his Excellency Dr. Sultan Ahmed Al Jaber, UAE Minister of Industry and Advanced Technology and ADNOC Managing Director and Group CEO, signed a Memorandum of Understanding (MoU) which outlines a framework of cooperation for future joint projects on energy transition, sustainability and decarbonization. The MoU was signed in the presence of the President of the Council of Ministers, Giorgia Meloni, and His Highness Sheikh Mohamed bin Zayed Al Nahyan, President of the United Arab Emirates. Through this agreement, Eni and ADNOC will explore potential opportunities in the areas of renewable energy, blue and green hydrogen, carbon dioxide capture and storage (CCS), in the reduction of greenhouse gas and methane gas emissions, energy efficiency, routine gas flaring reduction and the Global Methane Pledge, to support global energy security and a sustainable energy transition. **27th March 2023**

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- **UAE plans oil and gas expansion**

Adnoc, the UAE’s national oil company, is set to expand oil and gas production to 7.5bn barrels of oil, the Guardian reports. Its planned expansion represents the fifth largest increase in production in the world, according to analysis produced for the Guardian by German NGO Urgewald, based on data from Rystad Energy. To meet net zero targets set out by the International Energy Agency (IEA), 90% of this would have to remain in the ground. The United Arab Emirates has the third biggest net zero-breaking plans for oil and gas expansion in the world, surpassed only by Saudi Arabia and Qatar. Adnoc is the world’s 11th biggest oil and gas producer, delivering more than one billion barrels of oil equivalent in 2021. In November 2022, Adnoc announced a \$150bn investment over five years to enable an “accelerated growth strategy” for oil and gas production. Part of the plans include the extension of production in the Upper Zakum field, which Adnoc has previously described as a “mega-project” and the “second-largest offshore oilfield in the world. The IEA has said that to reach global net-zero emissions by 2050 and limit global warming to 1.5C, there must not be any new oil and gas

projects approved after 2021. Just 10% of Adnoc's planned expansion is compatible with net-zero targets, with 90% of plans being advanced after this cut-off date. **5th April 2023**

- **Quartet set to battle for Adnoc expansion project on Abu Dhabi's largest offshore oilfield**
State giant aims to expand production capacity of its Upper Zakum oilfield to up to 1.2 million bpd. Four contracting giants are set to compete for a sizeable contract from Abu Dhabi National Oil Company (Adnoc) for the expansion of its giant Upper Zakum offshore oilfield. Adnoc is greatly expanding the capacity of some of its largest offshore oilfields, as it aims to achieve a 5 million barrels per day production capacity by 2027, up from the existing 4 million bpd. Upper Zakum is Abu Dhabi's largest producing offshore oilfield in the Persian Gulf and the most recent expansion project is aimed at expanding the field's production to. **9th April 2023**
- **RFP for key Sharjah water project issued to pre-qualified bidders**
This project is in line with Sewa's principle objectives to augment its water production capacity to meet the present and future water requirements in the northern emirate. Sharjah Electricity, Water and Gas Authority (Sewa) has announced that the request for proposal (RFP) for the 90 MIGD Hamriyah IWP project has been issued to the eight pre-qualified bidders. This project is in line with Sewa's principle objectives to augment its water production capacity to meet the present and future water requirements in the northern emirate. According to Sewa, the project is expected to be commissioned by Q3 2026. The Sharjah utility would select the preferred bidder for the project post the evaluation of the proposals received from bidders. The deadline for submitting the bids has been set for August. **10th April 2023**
- **UAE player lands \$412 million contract at world's second largest offshore oilfield**
Five-year integrated drilling services contract is expected to commence during second quarter. Adnoc Drilling has landed a \$412 million contract to provide integrated drilling services (IDS) for Abu Dhabi National Oil Company's huge Upper Zakum oilfield. The emirati drilling giant said in a statement on Thursday that the five-year IDS contract has been awarded by Adnoc Offshore and work is expected to commence during the second quarter of 2023. "Adnoc Drilling will provide IDS for the development of the Upper Zakum field, the largest producing field in Adnoc's offshore portfolio," it stated. Adnoc is greatly expanding the capacity of some of its largest offshore oilfields, as it aims to achieve a 5 million barrels per day production capacity by 2027, up from the existing 4 million bpd. Upper Zakum in the Persian Gulf is Abu Dhabi's largest producing offshore oilfield and its recent expansion phase is aimed at expanding the field's production to 1.2 million bpd, While Adnoc does not disclose the individual production profiles of its offshore oilfields, Upper Zakum's production capacity is already thought to stand at more than 900,000 bpd. **14th April 2023**
- **UAE and Japan Signed agreements for low-carbon hydrogen value chain**
ADNOC, UAE announced in a statement that it has signed two agreements with several Japanese partners to strengthen the low-carbon hydrogen value chain between the UAE and Japan. The agreements build on the deep-rooted energy relationship between the two countries and will advance practical solutions to help meet growing global demand for clean fuels. ADNOC is an early mover in developing global markets for hydrogen and its carrier fuels such as ammonia. These latest strategic agreements demonstrate our commitment to working with our customers to decarbonize the energy system. ADNOC mentioned that agreement with Kawasaki aims to explore production, liquefaction and transportation of hydrogen to key global markets. While a second – with the Japan Organization for Metals and Energy Security, Mitsui, INPEX and the Clean Fuel Ammonia Association – aims to confirm clean certification for ADNOC's low-carbon ammonia projects. As both energy sources emit no carbon dioxide, they will also play a key role in decarbonizing hard-to-abate sectors. **17th April 2023**
- **Fugro wins field survey contract for major Abu Dhabi project**

	<p>A contract has been granted to Fugro to provide site characterisation services in support of a long-term field development program that is one of the largest in the UAE. Starting from April 2023, Fugro will carry out a range of offshore surveys that will encompass geophysical, geotechnical, and remotely operated vehicle (ROV) inspections. These surveys will be backed by advanced engineering and geoconsulting studies and will provide valuable information to support the Front End Engineering Design (FEED). The project will cover around 600 km of pipeline route, with 800 crossings, as well as 49 jacket surveys and surveys of offshore islands. A contract has been granted to Fugro to provide site characterisation services in support of a long-term field development program that is one of the largest in the UAE. Starting from April 2023, Fugro will carry out a range of offshore surveys that will encompass geophysical, geotechnical, and remotely operated vehicle (ROV) inspections. 18th April 2023</p>
BAHRAIN	<ul style="list-style-type: none"> <p><u>Bahrain’s Tatweer Petroleum eyes EPC contractors for \$200 million gas project</u> Bahrain’s Tatweer Petroleum is expected to award the EPC contract for its Bahrain Oil Field Associated Gas Compression Stations Project Phase 7 in the second quarter of 2023, according to Zawya Projects. The scope of work, according to Bahrain’s tender board, includes the design, procurement, fabrication, installation, testing, pre-commissioning, commissioning, and start-up of three compression stations to increase the Bahrain Field’s total compression capacity and for enhanced oil recovery purposes. The tender for the EPC contract was issued in November 2022 with bid submission deadline of 5 February, according to the Bahrain Tender Board. The source said the technical bids were opened on 6 February 2023. Bid evaluation is ongoing. All six bidders’ documents were accepted, and the award is expected in May 2023,” the source said. The bidders include Enerflex Middle East, Jereh Oil & Gas Engineering Corp, Wasco Engineering International, Woodlands Energy Services Co, Petrofac International Bahrain, and TDE Overseas. The project, with an estimated value of \$200 million, is expected to be completed by the fourth quarter of 2025, the source said. 3rd April 2023</p>
KUWAIT	<ul style="list-style-type: none"> <p><u>Axens awarded New Contract in Kuwait</u> Axens announced in a statement that, its, HySWEET Technology selected by SPETCO International Petroleum Co.Kuwait and Jereh for the acid Gas Removal Units of two new Gas Treatment plants in Kuwait. Axens is supplying the process design packages for the gas treatment of two Gas Plants located in North Kuwait, which EPC are managed respectively by SPETCO and Jereh. Axens licenses two HySWEET™ units for the acid gas removal, as well as two Smartsulf® units for the sulphur recovery and two TEG units for gas drying. The units for both gas plants are now under process design phase and the plants will be commissioned in early 2024. Each HySWEET™ unit will treat 163.4 MMSCFD of gas to remove the acid gases including H2S, CO2, COS and mercaptans to meet sales gas specifications. HySWEET™ is a hybrid process for simultaneous removal of mercaptans and acid gases from natural gas, developed by TotalEnergies and commercialized by Axens. It is based on the selection of the most suitable nonproprietary physical solvent for blending a variety of commercial amines (DEA, MDEA, formulated MDEA). 29th March 2023</p> <p><u>Kuwait Oil Company awards \$76 million oil flow lines contract</u> Combined Group Contracting has announced in a statement that it has secured a five-year contract worth \$76.5 million for oil flow lines project issued from Kuwait Oil Company. The company states that the works includes construction of flow lines and associated works in Umm Niqa And South Ratqa in Kuwait. Headquartered in Kuwait, Combined Group Contracting is currently working on several infrastructure, power and oil and gas projects. Last year, the company had secured a \$58 million contract from Kuwait Port Authority for its Shuaiba Port expansion project. The scope of work involves rehabilitation, upgrade and expansion of the existing utilities and infrastructure. 11th April 2023</p>

	<ul style="list-style-type: none"> <u>Inside Kuwait's \$10 billion Al-Zour petrochemicals complex project</u> Kuwait Integrated Petrochemical Industries Co (KIPIC), a subsidiary of Kuwait Petroleum Corp, plans to develop a facility that will be integrated with the adjacent Al-Zour refinery and will add a gasoline block, an aromatics block, an olefins conversion technology unit, polypropylene units, and associated utility and offsite facilities to the existing site to produce nearly 2.7 mtpa of aromatics and polypropylene. The Al-Zour refinery project is a greenfield, environmentally-driven project and part of Kuwait's National Development Plan that sets out the nation's long-term development priorities, including the aim to position the country as a global hub for the refining and petrochemicals industry. The refinery is located approximately 90 kms south of Kuwait City, and is one of the largest refineries built in one phase, with a capacity to process 615,000 barrels per day (bpd) of a wide slate of Kuwait domestic crude oils, including Kuwait export crude and Kuwait heavy crude. 14th April 2023 <u>KPMG: Kuwait Infrastructure</u> Kuwait Vision 2035: Infrastructure projects valued in excess of \$27.6bn. Projects depend on advanced adoption of PPP agreements. In a recent report by audit and advisory services group, KPMG, Kuwait's infrastructure, a main aspiration of its vision 2035, is seen as a chief agenda underpinned by the country's strong pipeline of infrastructure projects, and reinforced by demand for advancements. Entitled "Emerging Trends in Infrastructure: The Kuwait Perspective," the international group observed the optimism in Kuwait's \$27.6bn (AED101.4bn) worth of planned developments, currently in the bidding stage. Imran Shaik, Director for Deal Advisory and Head of Infrastructure Services at KPMG in Kuwait believes that despite the slowdown in the awarding and implementation of projects, the prevalent tone in the sector is positive. 17th April 2023
OMAN	<ul style="list-style-type: none"> <u>Oman offers three oil and gas blocks in latest licensing round</u> Oman is offering three oil and gas concession areas, Blocks 15, 36 and 54, for investments by local and international local companies, the Ministry of Energy and Minerals said on Sunday. The offering is open between March 26 and June 25, according to the statement published on Twitter. Block 15 is located in the Sultanate of Oman's northern oil province. "Tight gas is the predominant play within Block 15," the ministry said. Over its history, Block 15 has had several owners including Petroleum Development Oman (PDO). Other companies which have owned this block are: Hydrocarbon Finders Oman E & P, Tethys Oil (Oman) Limited, Novus Oman Limited, Indago Petroleum and Conquest Exploration Oman Inc. Meanwhile, Block 36 which covers 18,625 sqkm area, is located along the border with the Kingdom of Saudi Arabia and the Republic of Yemen and is at the South-Eastern edge of the Eastern Rub al Khali basin, one of the most prolific oil and gas basins in the world. To the south of block, in neighbouring block 38, the Rub al Khali basin is terminated against the Ghudun high that runs from NE to SW and separates the Rub Al Khali from the Southern Oman Salt basin. 28th March 2023 <u>Oman signs deal with Japanese firms to build low-carbon plant in Duqm</u> Oman's Public Authority for Special Economic Zones and Free Zones has signed an agreement with Japanese steel manufacturer Kobe Steel and Mitsui & Co., to develop low-carbon iron metallic project in the Special Economic Zone at Duqm (SEZAD). The project is expected to produce five million tonnes of Direct Reduced Iron (DRI) annually. By using technically and commercially proven production methods, Kobe Steel and Mitsui aim to provide a near-term decarbonisation solution to the steel making industry. In the long run, the project targets further decarbonisation through measures such as replacement of natural gas with hydrogen and carbon capture, as well as utilization and storage, with a goal to expand production capacity. Further, Kobe Steel and Mitsui will conduct the detailed business study, with an aim to commence low carbon iron metallics production by 2027. The product will be supplied to businesses in Asian and other global markets such as Europe. 11th April 2023 <u>Gulf Energy awarded \$100m Multiple Contract Extensions in Oman</u>

	<p>National Energy Services Reunited Corp. (NESR), an international, industry-leading provider of integrated energy services in the Middle East and North Africa (“MENA”) region, announced that its subsidiary, Gulf Energy, successfully completed negotiations with multiple clients in Oman to extend existing Well Intervention contracts for up to five (5) years. Based on the Company’s excellent service delivery and new technology introductions across various fields that have resulted in exceptional well productivity increases, the new contracts range in duration for different clients and reflect the strong, mutual trust with the client base in an improving oilfield services landscape.</p> <p>NESR CEO & Chairman Sherif Foda commented, “The success of Gulf Energy in its in-country value (“ICV”) and Omanization initiatives clearly reflects NESR’s broader localization ambition as National Champion of the MENA region. 19th April 2023</p>
QATAR	<ul style="list-style-type: none"> <p>• <u>Baker Hughes Announces Major LNG Order from QatarEnergy</u> Baker Hughes announced in a statement that an order to be booked in the first quarter of 2023 with longtime partner QatarEnergy to supply two main refrigerant compressors (MRCs) for the North Field South (NFS) project, which will be executed by Qatargas. The MRCs are part of two LNG “mega trains” representing 16 million tons per annum (MTPA) of additional capacity that is estimated to further boost Qatar’s LNG production capacity to 126 MTPA, helping to propel Qatar as a leader in global LNG production by 2027. The order reflects more than two decades of trust and successful collaboration between Baker Hughes, QatarEnergy and its various operating companies across the energy value chain. Most notably, Baker Hughes has supported Qatargas since the early 1990s with core LNG liquefaction technology. This most recent contract, which builds upon a previously announced award for North Field East (NFE) expansion in 2020, will bring the overall number of LNG “mega trains” driven by Baker Hughes’ leading energy solutions to 12. When fully completed, it will increase Qatar’s LNG production capacity from 110 MTPA, which will be achieved by the end of the first phase North Field East expansion in 2025, to 126 MTPA by 2027. 3rd April 2023</p> <p>• <u>Sinopec Joins Qatar's North Field East (NFE) expansion Project –USD 30 B</u> QatarEnergy has announced the signing of a definitive partnership agreement with China Petrochemical Corporation (Sinopec) for the North Field East (NFE) expansion project, the largest project in the history of the LNG industry. The agreement was signed by His Excellency Mr. Saad Sherida Al-Kaabi, the Minister of State for Energy Affairs, the President and CEO of QatarEnergy, and Dr. MA Yong-sheng, the Chairman of Sinopec in a special signing ceremony held today at QatarEnergy’s headquarters and attended by senior executives from both companies. The agreement marks the entry of Sinopec as a shareholder in one of the NFE joint venture companies that own the NFE project, one of the most critical projects in the global LNG industry. Pursuant to the terms of the agreement, QatarEnergy will transfer to Sinopec a 5% interest in the equivalent of one NFE train with a capacity of 8 million tons per annum (MTPA). This agreement will not affect the participating interests of any of the other shareholders. Noting the November 2022 agreement to supply Sinopec with 4 MTPA of LNG from the NFE project, His Excellency Minister Al-Kaabi said: “That agreement was not only the first NFE LNG supply agreement to be announced, but also the longest LNG supply agreement in the history of the industry. Today, Sinopec will join Qatar’s LNG family becoming the first Asian shareholder in the NFE project. 12th April 2023</p> <p>• <u>Battle heats up for \$5 billion offshore packages from Qatar's NOC</u> Ruya development aims to achieve plateau oil production of 300,000 bpd from Al Shaheen field. A clutch of leading international contracting giants is poised within days to submit technical bids for multiple offshore packages worth at least \$5 billion for work on the expansion of NOC's Al Shaheen oilfield, dubbed the Ruya development. Qatar has been aggressively scaling up its liquefied natural gas production capabilities, eyeing soaring demand in Europe and Asia, but is also expected to invest heavily in strategic offshore oil projects to sustain and ramp up production from some key assets. 20th April 2023</p>

SAUDI ARABIA

- **Hyundai E&C begins the Construction of Aramco's Shaheen Project**

Hyundai Engineering & Construction (Hyundai E&C) and Hyundai Engineering (Hyundai ENG) broke ground for the Shaheen Project, which aims to build the largest petrochemical facility in the history of the South Korean petrochemical industry, while announcing the project's official kick-off. The Shaheen Project is a project in which S-Oil invests 9.26 trillion won to build a high value-added petrochemical production facilities. It is the largest investment in South Korea of Aramco, S-Oil's largest shareholder and Saudi state-run oil and natural gas company, and the goal is to high value-added petrochemical products such as polyethylene (PE) through large-scale facilities including the world's largest Steam Cracker Complex*, where TC2C* technology was first introduced. Hyundai E&C is the project lead and will work with Hyundai ENG, Lotte E&C, and DL E&C on the construction. The project, which fully began construction through a groundbreaking ceremony on February 9 following a signing ceremony between the project owner and the participating consortium companies on February 22, is scheduled for completion in 2026. The construction will be divided into three packages: Hyundai E&C will carry out Package 1 with Hyundai ENG, DL E&C to build steam cracker and TC2C facilities. Package 2 for installing HDPE (high-density polyethylene), LLDPE (linear low-density polyethylene) production facilities and automated warehouses will be led by Hyundai ENG and Lotte E&C, and Package 3 for tank construction will be in charge of Lotte E&C. **24th March 2023**

- **Sinopec says will actively explore opportunities in Saudi Arabia**

Sinopec Chairman Ma Yongsheng made the remarks without elaboration. Hong Kong - Top Asian oil refiner Sinopec said on Monday it will actively explore opportunities in Saudi Arabia, where the state oil and gas major already owns a refinery stake. Sinopec Chairman Ma Yongsheng made the remarks without elaboration during a press briefing after the company announced a 6.9% decline in net profit last year. **27th March 2023**

- **Forum Energy Technologies Awarded \$25m Contract to Provide Desalter Systems to Saudi Aramco**

Forum Energy Technologies, Inc., USA announced in a statement that it has been awarded an approximately \$25 million contract to design, engineer, and supply four electrostatic desalter systems for an onshore project at the Safaniyah oil field, Kingdom of Saudi Arabia. The desalter systems will utilize FET's EDGETM desalting technology, ForuMixTM high efficiency multiphase mixer technology, as well as in-house manufacturing capabilities at FET's facility in Dammam, Saudi Arabia. Neal Lux, President and Chief Executive Officer, remarked, "This award demonstrates the value FET provides through its extensive technology portfolio and global reach. Building on our technologies' successful track record, we are pleased to be working with Saudi Aramco on another important project." FET is a global company, serving the oil, natural gas, industrial and renewable energy industries. FET provides value added solutions that increase the safety and efficiency of energy exploration and production. We are an environmentally and socially responsible company headquartered in Houston, TX with manufacturing, distribution and service facilities strategically located throughout the world. **28th March 2023**

- **Technip Energies secures contract for Aramco's Riyadh refinery upgrade**

The project will be executed locally, leveraging Saudi economic resources and infrastructure. French engineering and technology company Technip Energies has been awarded a contract to upgrade sulfur recovery facilities at Aramco's Riyadh Refinery as part of its long-term agreement with Aramco. This contract covers the implementation of three new tail gas treatment (TGT) units, improving the performance of the existing three sulfur recovery units (SRU) to comply with more stringent regulations for sulfur dioxide emissions, with recovery efficiency at more than 99.9%. The project will be executed locally, leveraging Saudi economic resources and infrastructure, Technip Energies said. The existing sulfur recovery units in the Riyadh refinery were designed and built by Technip Energies in the early 2000s. Bhaskar Patel, SVP of sustainable fuels, chemicals and circularity at Technip Energies, commented: "We are pleased to be entrusted by Aramco to work on the upgrading program of their refinery in Riyadh. **24th March 2023**

- **Saipem awarded EPCI Contract From Aramco**

Saipem announced in a statement that it has been awarded three new offshore contracts and two competitive FEED contracts totalling approximately 650 million USD. In Saudi Arabia, it has been awarded a Contract under the Aramco LTA program . Saipem will execute the offshore EPCI of one platform topside and the associated subsea flexible, umbilical and cable system. Another, contract has been assigned by Azule Energy for the Agogo Full Field Development project, a deepwater greenfield development, approximately 180 kilometres offshore Angola, about 20 kilometres west of the N’Goma FPSO (West Hub), which has been in operation since November 2014. The contract encompasses the Engineering, Procurement, Construction and Installation (EPCI) of rigid Pipe-In-Pipe flowlines with associated subsea structures. Saipem will mobilize its state-of-art offshore installation vessel FDS2.

EnQuest awarded the Contract for the decommissioning of existing infrastructures in the Heather oil field, located in the UK sector of the North Sea, around 460 kilometres northeast of Aberdeen. **3rd**

April 2023

- **Saudi Aramco dishes out trio of offshore contracts in latest investment push**

Saudi Aramco, the world’s largest oil exporter, has awarded a trio of offshore engineering, procurement, construction and installation (EPCI) contracts to a leading international consortium continuing investments in its long term agreement (LTA) contracting framework. The Saudi state giant is pumping in billions of dollars to maintain the production profile of some of the largest offshore oilfields in the country, whilst also spending aggressively on big-ticket greenfield developments to swiftly scale up its oil production capacity. Aramco has highlighted its intent to swiftly scale up its sustainable oil production capacity to 13 million barrels per day by 2027, from the current 12 million bpd capacity. **4th April 2023**

- **12,000km-long Water Project In Saudi Arabia Officially Launches**

A 12 000km-long Water Project in Saudi Arabia has been launched. The project aims to be one of the world’s largest desalinated water networks. It will produce up to 9.4 million cubic meters of water per day for the country. The project’s plan includes the digging of a river that would span 11 meters in width 12,000 kilometers in length, and four meters in depth. The 12 000km-long Water Project in Saudi Arabia strives to surpass the length of the Great River Nile. As reported in the TV Series, Seen, the project’s ambitious goals will require the use of anti-corrosion pipes. The popular Saudi journalist of the series, Ahmad al shugairi, further added that each pipe would need a diameter of 2.25 meters. Currently, Saudi holds the top position as a global producer of desalinated water. Annually, the country generates well over 1,006 billion cubic meters, of which accounts for 18% of worldwide production. Primarily, the network’s facilitation is by a government-controlled entity. The Saline Water Conversion Corporation, on a global scale, is responsible for the production of the largest volume of desalinated water. While still commenting on the project, Ahmad al shugairi said that the project is a reflection of the amount of effort and commitment towards the creation of underground rivers. **6th April 2023**

- **Saudi Arabia's PPP Project Pipeline Launched with 200 Projects in 17 Sectors**

The National Center for Privatization & PPP (NCP), in cooperation with the targeted sectors for privatization in Saudi Arabia, announced the launch of the Privatization & PPP (P&PPP) pipeline consisting of 200 approved projects in 17 sectors. Announcing the pipeline will provide local and international investors with an opportunity for advanced preparation to ensure their readiness to participate in the projects tendered to the market. H.E. Mohammed Al-Jadaan, Mister of Finance, Chairman of the Board of NCP, stated that publishing these projects contributes to the aims of Vision 2030 to increase the attractiveness of the economy, create opportunities for local and international investor and increase private sector contribution to GDP. Publishing the project pipeline reinforces the strength of public-private-partnership and contributes to attracting new international

investments. He also invited the local private sector to make as much use of the announced opportunities. **10th April 2023**

- **Saudi Arabia awards construction of Rabigh 4 Independent Water Plant project**

Saudi Water Partnership Company (SWPC) announced in a statement that, His Excellency the Minister of Environment, Water and Agriculture and Chairman of the Board of Directors of the Saudi Water Partnership Company, Eng. Abdulrahman bin Abdul Mohsen Al-Fadhli, signed the project agreements of Rabigh 4 Independent Water Plant, which will be established in Rabigh governorate in Makkah region, with potable water production capacity of 600,000 m³/d of desalinated water. Eng. Al-Fadhli explained that these agreements will help in achieving the goals and plans of the Ministry, to showcase water production projects in the various regions of the Kingdom. **13th April 2023**

- **Chinese giant lands latest Aramco contract on world's biggest offshore oilfield**

A leading Chinese engineering, procurement, construction and installation contractor has landed a key offshore contract from Saudi Aramco for the further expansion of its giant Safaniyah oilfield. The Saudi state-giant is spending billions of dollars to boost the capacity of its offshore fields and has finalised multiple EPCI deals in recent weeks, as a part of its long-term agreement (LTA) arrangement with international contracting giants. **13th April 2023**

- **ACWA Power \$677mn rabigh project**

ACWA Power's new plant will aid the response to the growing holy seasons' demands. Leading Saudi developer, investor, and operator of power generation, water desalination and green hydrogen plants, ACWA Power has signed water purchase agreements for the Rabigh 4 Independent Water Plant (IWP), which will have a 600,000 cubic metre per day production capacity. Leading a consortium that includes Haji Abdullah Alireza & Partners Company, a leading player in the management, operation and maintenance of sea water desalination plants, and Bahrain-based Almoayed Contracting Group, ACWA Power was awarded the project by The Saudi Water Partnership Company (SWPC), which will be the sole buyer of services for the Rabigh 4 project, located on the Red Sea coast of Saudi Arabia. ACWA Power plant will service Makkah, Madinah regions. Approximately valued at \$677mn (AED2.49bn), the reverse osmosis plant will service the Makkah and Madinah regions, where demand spikes are regular during the Ramadan and the annual Hajj season. **17th April 2023**

- **Saudi Aramco fires starting gun on huge offshore gas development project**

Contract involves multiple offshore facilities required at the Marjan oil and gas field. Saudi Aramco has fired the starting gun on a sizeable project involving further development of its giant Marjan oil and gas offshore field. The Saudi state giant aims to achieve a 50% growth in gas production by 2030 led by the massive \$100 billion-plus Jafurah unconventional gas programme and the expansion of some of its most prominent offshore fields. In addition, Aramco the world's largest oil exporter is carrying out the expansion of some of its largest offshore oilfields including Safaniyah, Manifa, Marjan, Zuluf and Berri, in line with the country's plan to boost its sustainable oil production capacity to 13 million barrels per day by 2027, up from the existing 12 million bpd capacity. **18th April 2023**

- **Saipem secures two-year extension for Eni's \$280 million drillship contract**

Saipem has been awarded a two-year contract extension by Eni for the use of the Santorini drillship. The contract extension, which will give continuity to the ongoing activity, will come into force starting from August 2023 and is worth approximately \$280 million. The deal also includes income linked to investments for improvements to the drillship worth around \$15 million. The Santorini drillship. The contract extension, which will give continuity to the ongoing activity, will come into force starting from August 2023 and is worth approximately \$280 million. The deal also includes income linked to investments for improvements to the drillship worth around \$15 million. The Santorini is a seventh-generation drillship that was acquired by Saipem in December 2022, and is capable of performing drilling activities at depths of up to 12,000 feet (over 3,500 metres). **19th April 2023**

IRAQ	<ul style="list-style-type: none"> <p><u>Iraq Signs Six O&G Contracts; Takes First Step Towards Energy Independence</u> Iraqi Prime Minister Mohammed Shia al-Sudani was present at the signing of six oil and gas contracts in a ceremony held at the Ministry of Oil in Baghdad - the first step towards Iraq's ultimate goal of energy independence and self-sufficiency. Sudani described the signing of the licences as the "optimal investment of oil wealth, and Iraq's entry into the global gas market." Iraq is notorious for the deadly and toxic practice of gas flaring. It is second only to Russia in terms of the amount of gas burned off, though the Iraqi population lives on average much closer to flaring sites than do Russians. The World Bank estimates that Iraq flares around 17 billion cubic metres of gas per year, worth around \$8 billion annually. The practice also causes severe environmental damage and is a risk to the health of people living close to flaring sites, from Basra to the Kurdistan Region, where refugee camps are particularly vulnerable. 29th March 2023</p> <p><u>Iraq acquires stake in TotalEnergies' \$27 billion project</u> Iraq has agreed to a smaller 30% stake in TotalEnergies long-delayed \$27 billion project, reviving a deal that Baghdad hopes could revive foreign investment into the battered economy, <i>Reuters</i> reported. The deal was signed in 2021 for TotalEnergies to build four oil, gas and renewables projects with an initial investment of \$10 billion in southern Iraq over 25 years. But it has experienced several setbacks amid disputes between Iraqi politicians over terms. Iraq's state-owned Basrah Oil (BOC) will partner in the project, instead of the now-abolished Iraq's National Oil company (INOC), the cabinet statement noted. The potential for INOC's involvement had been another stumbling block for the deal. Iraq, OPEC's second largest producer, has been for years plagued by war, corruption and sectarian tensions that have held back its potential. QatarEnergy will also take part in the consortium and will have a share in the project, sources with direct knowledge of the matter said. Iraq's oil production capacity has remained at around 5 million barrels per day in recent years. Yet at one time there had been hopes of rivalling top producer Saudi Arabia with its output of 12 million bpd, more than a tenth of global demand. 5th April 2023</p> <p><u>TotalEnergies, QatarEnergy to Participate in Iraq's Gas Growth Integrated Project (GGIP)</u> While confirming all the terms of the Development & Production Contract signed in 2021, TotalEnergies and the Iraqi Government have, through exchanges in the past months, jointly defined the necessary conditions and mutual insurances to move forward with the Gas Growth Integrated Project (GGIP). Signed in September 2021, the GGIP has for main purpose to enhance the development of Iraq's natural resources to improve the country's electricity supply. According to these agreements, TotalEnergies and its partners will invest approximately \$10 billion (100% share): to recover flared gas on three oil fields in order to supply gas to power generation plants, to build a seawater treatment plant in order to provide water injection for pressure maintenance to increase regional oil production, as an alternative to the use of fresh water from rivers and aquifers. Furthermore, TotalEnergies will develop a 1 GW solar power plant to supply electricity to the Basrah regional grid. In agreement with Iraqi authorities, TotalEnergies will invite the Saudi company ACWA Power to join this solar project. 5th April 2023</p> <p><u>Tenders Announced for 3 Oil Refining Opportunities in Iraq</u> Iraq's National Investment Commission (NIC) has announced the details of three investment opportunities in the oil refining sector. Please click on the links below for more information: Nasiriyah Refinery in Dhi Qar Governorate, with a capacity 150,000 bpd; Al-Kut Refinery in Wasit Governorate, with a capacity of 100,000 bpd; Samawah refinery in Al-Muthanna Governorate, with a capacity of 70,000 bpd. 6th April 2023</p>
MIDDLE EAST	<ul style="list-style-type: none"> <p><u>Middle East to launch over 600 oil and gas projects until 2027</u></p>

The Middle East is expected to commence 621 projects between 2023 and 2027, according to data from GlobalData Energy. Out of these, upstream projects would be 81, midstream would be 141, the refinery at 84, and petrochemicals would be the highest with 315 projects. New build projects are expected to lead the upcoming project landscape in the Middle East, constituting around 78% of the total projects across the value chain. The share of new build projects is especially high in the petrochemicals sector accounting for 60% of the total new build projects across the value chain. On the other hand, expansion projects dominate the downstream (refineries) sector with 43%. In the Middle East, more than half of the projects are planned in the construction and commissioning stages and are more likely to commence operations during the outlook period 2023–2027. About 34% of the projects are in the planning stages, and the rest have been approved or awaiting approval. Among countries, Iran leads the upcoming projects landscape in the Middle East, accounting for 45% of the projects expected to start operations by 2027. **24th March 2023**

- **Technip Energies COO reveals major projects, trends in the Middle East**

In an exclusive interview with Oil & Gas Middle East, Marco Villa, COO of Technip Energies, discusses the company’s key projects, role of technology to address decarbonisation, and the need for collaboration to accelerate the energy transition. What are Technip Energies’ ongoing projects and what’s in the pipeline? We have a long-standing presence in the Middle East, having delivered more than 500 projects and providing services to the energy industry in the fields of gas and LNG, refining, petrochemicals and ethylene. We have major projects under execution in the region. The first one is the LNG North Field East project for QatarEnergy for which we are delivering 4 mega trains of LNG, associated with a large carbon capture and sequestration facility, leading to more than 25% reduction of greenhouse gas emissions when compared to similar LNG facilities. This expansion project will produce approximately 33 million tons per annum of additional LNG, increasing Qatar’s total production from 77 to 110 million tons per annum. At Technip Energies, we have partnered with local best in class companies in the region. For example, we recently created NT Energies, a joint venture with NPCC, to support energy transition in the UAE and in the broader Middle East and North Africa region by providing added-value services in blue and green hydrogen and related decarbonisation projects, CO2 capture and industrial projects in waste-to-energy, biorefining, biochemistry and other energy transition themes. What do you foresee as key trends in the Middle East for the next decade? The main trend that we see is “more energy, less carbon. **8th April 2023**

- **L&T unit lands over \$852mln Middle East EPCI contracts**

The scope of work for LTEH includes engineering, procurement, construction & installation for various new offshore facilities and integration with existing installations. India's top engineering and construction firm Larsen & Toubro (L&T) said one of its key subsidiaries - L&T Energy Hydrocarbon - has secured multiple offshore packages worth over Rs70 billion (\$852 million) from a major energy group in the Middle East. The scope of work for LTEH includes engineering, procurement, construction & installation for various new offshore facilities and integration with existing installations. LTEH offers integrated design-to-build solutions across the hydrocarbon sector globally. Backed by over three decades of rich experience and extensive capabilities across the value chain, the business has been setting global benchmarks in all aspects of project management, corporate governance, quality, health safety environment (HSE) and operational excellence. On the mega order, Subramanian Sarma, the Whole-Time Director and Senior Executive Vice President, said: "LTEH Offshore has consistently demonstrated timely project delivery deploying end-to-end capabilities, including design, fabrication, and installation of large process platforms, living quarters, subsea systems, piping and other T&I works." "Securing these repeat orders indicate customer satisfaction and is a testimony to customer’s faith in the team's dedicated efforts towards developing and nurturing these capabilities," he added. **6th April 2023**

EGYPT

- **China’s CTGI eyes investing in Egyptian water desalination, green hydrogen projects**

Chinese Three Gorges International Corporation (CTGI) is looking forward to boosting cooperation with Egypt in the fields of electricity and renewable energy. The Chinese Three Gorges International Corporation (CTGI) is looking forward to boosting cooperation with Egypt in the fields of electricity and renewable energy, as well as in water desalination and green hydrogen projects, Ministry of Electricity and Renewable Energy stated on April 10th. Within the Electricity Ministry's efforts, minister Mohamed Shaker met with CEO of CTGI and his accompanying delegation to discuss further cooperation between the two sides. Shaker stressed the importance of green hydrogen as a promising source of energy in the near future. CTGI's CEO also expressed his aspiration to enhance cooperation with Egypt, which is deemed as the gateway to the African continent. **11th April 2023**

- **Egypt cooperates with foreign partners on extensive oil drilling program**

During the meeting, the pair mulled the available investment opportunities to British companies wishing to invest in the field of oil and natural gas in Egypt. The Egyptian petroleum sector is currently implementing an extensive drilling program in cooperation foreign partners to make new oil discoveries and increase production, Minister of Petroleum and Mineral Resources Tarek El-Molla said in a meeting with the British Ambassador to Cairo Gareth Bayley. During the meeting, the pair mulled the available investment opportunities to British companies wishing to invest in the field of oil and natural gas in Egypt. They also discussed the key role played by the East Mediterranean Gas Forum (EMGF) in supporting regional and international integration. Additionally, Bayley pointed out that some British oil and gas companies seek to review and study the available investment opportunities in Egypt. **11th April 2023**

- **Methanex Egypt and Suez Methanol Derivatives sign a new methanol pipeline agreement**

Suez Methanol Derivatives is designed to produce 140 KTA of main products including resins, SNF and 42 KTA of special UF resins for various end-use applications. Methanex Egypt and Suez Methanol Derivatives (SMD) Company signed an infrastructure development agreement for plant to the neighboring SMD project in Damietta. The agreement was signed by Methanex Egypt Managing Director M Hesham Selim in the presence of ECHEM Chairman Ibrahim Mekky. Mohamed Shindy, Methanex Egypt Managing Director, said: "We are very pleased with our partnership with SMD on th the growth of the Egyptian petrochemicals industry. As the sole producer of methanol in Egypt, we are proud of our role support of the Ministry of Petroleum and Mineral Resources' vision to maximize the value of the country's oil and gas re commitment to this vision even further, as we undertake the construction and maintenance of a dedicated pipeline that in Damietta Port." Hisham Selim, Suez Methanol Derivatives (SMD) Company CEO & Chairman, said: "SMD project is the first of its kind sector, aiming to produce highly value-added specialty chemicals. Through the utility of locally produced petrochemical between the Egyptian petrochemical companies. In addition to our agreement with Methanex Egypt, we have also sign and EPC for feedstock supply and products off-take. I am confident that this methanol pipeline will provide a safe, effici methanol supply throughout the lifetime of the SMD project. **17th April 2023**

- **Egypt, India launch polyethylene factory in Suez governorate**

Egypt and India unveiled Sunday the cornerstone for a polyethylene (PET) production factory to cost a \$110 million investment, in Ain Sokhna, Suez governorate. The project is planned to have a production capacity of 30,000 tons per month, Ahram Online reports. The construction will go through two phases, the first starting during the first half of 2024 while the second will be executed in mid-2025. The project will provide more than 700 direct and indirect job opportunities. "We appreciate the presence of Indian investments in the industrial zone in Sokhna, and the presence of the Flex factory within the industrial developer Orascom for Industrial Zones, as Flex is one of the largest Indian companies working in this field," Walid Gamal El-Din, Chairman of the General Authority for the Suez Canal Economic Zone (SCZONE) said. Flex-Egypt, an Indian company in the Arab country, is owner of the future facture. **10th April 2023**

LIBYA

- **Zallaf Libya selects Honeywell-UOP for South Refinery project**

Honeywell – UOP will be responsible for the initial engineering works for the refining units. Zallaf Libya Oil & Gas, a subsidiary of Libya’s state-owned National Oil Corp (NOC) has awarded a contract to US company Honeywell-UOP for the construction of the proposed South Refinery project. Planned to be built in Ubari, the refinery project is being developed in two phases at an estimated cost ranging between \$500m and \$600m, reported Reuters. The contract, which comes as part of the first phase will involve the front-end engineering design (FEED) of the project. Under the contract, Honeywell–UOP will be responsible for the initial engineering works for the refining units and granting technical licences to the licensed units. To implement the second phase of the project, Zallaf Libya will sign another contract with a potential firm to undertake installation works and final trials for the project. The South Refinery will be equipped to process nearly 30,000 barrels per day (bpd) of crude oil to produce cooking gas, jet fuel and other products, including a daily production of 1.4 million litres of petrol and 1.1 million litres of diesel. In a press statement, Zallaf Libya said: “This step comes among other steps within the new vision adopted by the National Oil Corporation, and the promises made by the chairman of the board of directors of NOC to expedite the establishment of the South Refinery and assist in the development of the south region. **27th March 2023**

- **Libya lets contract for grassroots refinery**

Zallaf Libya Oil and Gas Co. has let a contract to Honeywell UOP LLC to deliver front-end engineering and design for the operator’s proposed 30,000-b/d South Refinery to be built in Aubari City, about 25 km east of Al Sharara oil field in Libya. Zallaf Libya Oil and Gas Co., a subsidiary of Libya’s state-owned National Oil Corp. (NOC), has let a contract to Honeywell UOP LLC to deliver front-end engineering and design (FEED) for the operator’s proposed 30,000-b/d South Refinery to be built in Aubari City, about 25 km east of Al Sharara oil field in southwestern Libya. As part of the late-March FEED contract, Honeywell UOP will provide initial engineering works for the refinery’s planned units, including delivery of technology licensing for approved units, Zallaf and the NOC said in separate releases. Following completion of this first phase of the proposed refinery’s development, Zallaf and the NOC said they will negotiate and award a second contract for engineering, procurement, construction, and commissioning (EPCC) works on the project to a potential contractor that must agree to allowing Honeywell UOP to supervise the installation process. **6th April 2023**

- **Eni hits market with two bid processes for huge Libya offshore project**

Italy’s Eni has started the ball rolling on two key bid processes on its \$8 billion Structures A&E project offshore Libya. Due on stream in 2026, this is Libya’s most significant project for 20 years and will see 750 million cubic feet per day of gas exported from the A and E fields. The project will centre on two big fixed steel platforms tied in to the existing onshore treatment facility at Mellitah where a carbon capture and storage plant will also be built. **18th April 2023**

- **New Libyan gas project forges ahead with tenders for Atshan facility and export pipeline**

State-owned player starts bid processes for central production facility and 300-kilometre pipeline. Libya’s state-owned National Oil Corporation (NOC) has issued two separate calls to contractors to build a major new gas production complex and export pipeline at its Atshan project in the Murzuq basin. In 2019, NOC gave the go-ahead for its 100%-owned subsidiary Zallaf Oil & Gas to pull together a plan to exploit large volumes of associated gas held in the onshore asset which straddles blocks NC 210 and NC 151, close to the border with Algeria. This project is now moving ahead, with Zallaf in the market for contractors to fabricate a large scale gas processing plant at the field and to build a gas export pipeline. **18th April 2023**

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