

The Economic Consequences of the Ukraine War



Feb 25, 2022 JASON FURMAN

Russia's invasion of Ukraine has been rapid and dramatic, but the global economic consequences will be much slower to materialize and less spectacular. Yet, other than Ukraine, Russia will likely be the biggest long-term economic loser from the conflict.

CAMBRIDGE – Russia's invasion of Ukraine has been rapid and dramatic, but the economic consequences will be much slower to materialize and less spectacular. The war itself is enormously tragic, first and foremost for the Ukrainian people, but also for the Russian people and the global order more generally. When something like this happens, we expect it to be like a morality play in which all the bad consequences play out equally dramatically in every dimension, including the economy. But the economy does not work that way.

True, financial markets reacted swiftly to news of Russia's invasion. The MSCI All Country World Index, a leading global equity gauge, fell to its lowest level in almost a year. The

price of oil rose above \$100 a barrel, while European natural gas prices initially surged by almost 70%.

These energy-price increases will negatively affect the global economy. Europe is especially vulnerable, because it did little in recent years to reduce its dependence on Russian gas, and in some cases – notably, Germany, which abandoned nuclear power – even exacerbated it.

Oil-importing countries will experience a headwind from higher prices. The United States is more hedged: Because its oil production is equal to its oil consumption, more expensive oil is roughly neutral for GDP. But higher oil prices will hurt US consumers while helping a more limited segment of businesses and workers tied to the oil and gas industry. The price surge will also add to inflation, which is already at its highest levels in a generation in the US, Europe, and other advanced economies.

But some perspective on these immediate consequences is in order. At \$100 a barrel, oil is about one-quarter below its inflation-adjusted price during 2011 to 2014. Moreover, prices for oil futures are lower than spot prices, suggesting that the market expects this increase to be temporary. Central banks may therefore largely look through events in Ukraine, neither holding off on tightening nor speeding it up in response to higher headline inflation. And global stock markets are still up over the last year.

Similarly, although the Russian stock market has fallen significantly since the start of the invasion, Western sanctions are unlikely to have immediate dramatic effects. Sanctions rarely do; they are simply not the economic equivalent of the bombs that Russia is currently dropping on Ukraine.

Moreover, Russia is better prepared than most countries to weather sanctions. The country has been running an enormous

current-account surplus and has accumulated record foreign-exchange reserves of \$630 billion – sufficient to cover nearly two years of imports. And while Russia is dependent on revenue from Europe, Europeans are dependent on Russia's oil and gas – which may be even harder to replace in the short run.

But, in the longer term, Russia will likely be the biggest economic loser from the conflict (after Ukraine, whose losses will go well beyond what can be measured in the national accounts). Russia's economy, and the well-being of its population, have been stagnant since the Kremlin's 2014 annexation of Crimea. The fallout from its current, large-scale invasion will almost certainly be more severe over time. Sanctions will increasingly take a toll, and Russia's growing isolation, as well as heightened investor uncertainty, will weaken trade and other economic links. In addition, Europe can be expected to reduce its fossil-fuel dependence on Russia.

The longer-term economic consequences for the rest of the world will be far less severe than they are for Russia, but they will still be a persistent challenge for policymakers. There is a risk, albeit a relatively unlikely one, that higher short-run inflation will become embedded in increasingly unanchored inflation expectations, and thus persist. If that happens, central banks' already difficult job will become even more complicated.

In addition, defense budgets are likely to rise in Europe, the US, and some other countries to reflect the increasingly dangerous global situation. This will not reduce GDP growth, but it will reduce people's well-being, because resources dedicated to defense are resources that cannot go toward consumption or investment in education, health care, or infrastructure.

The medium- and long-term consequences for the global economy of Russia's invasion of Ukraine will depend on choices. By

invading, Russia has already made one terrible choice. The US, the European Union, and other governments have made initial choices on sanctions, but it remains to be seen how Russia will react to them or whether further penalties will be imposed. To the extent that sanctions and counter-responses escalate, the costs will be larger – first and foremost for Russia, but also to some degree for the rest of the global economy.

Global economic relations are positive-sum, and Russia's growing isolation will remove a small positive. More broadly, uncertainty is never good for the economy.

But, as the world continues to respond to the Russian invasion, concerns about GDP seem minor by comparison. Far more important is a world where people and countries feel secure. And that is something worth paying for – even more than the world's leaders have paid so far.

U.S. oil drilling rises in response to higher prices



By John Kemp

LONDON, Feb 25 (Reuters) – Prominent business leaders in the U.S. shale industry have been proselytising about their newfound commitment to restricting output growth to protect prices and profit margins.

But the rate of new drilling and production is climbing in response to rising prices – albeit more slowly than during the frenzied growth of the first (2009–2014) and second (2016–2019) shale booms.

Nearly 80 weeks after hitting a cyclical low, the number of rigs drilling for oil has risen by 348 (an average of 4.4 per week), according to data from oilfield services company Baker Hughes.

The rise compares with increases of 433 (5.5 per week) and 584 (7.4 per week) at the same point after the last two cyclical lows in 2016 and 2009 respectively.

The number of rigs is rising at roughly similar rates in the

Permian Basin (2.4 per week) and the other oil-rich shale plays (2.0 per week).

As a result, onshore production from the Lower 48 states rose in six of the seven months between May 2021 and November 2021, the most recent month for which production statistics are available.

Onshore production was rising at an annual rate of roughly 630,000 barrels per day (bpd) at the end of 2021, according to the U.S. Energy Information Administration.

The agency predicts a similar increase of 630,000 bpd by the end of 2022 and a slightly slower one of 470,000 bpd by the end of 2023 (“Short-term energy outlook”, EIA, Feb. 8).

Output is increasing much more slowly, only a quarter to a third as fast, as at height of the last boom in 2018, when onshore production was increasing by as much as 1.8 million bpd over twelve months.

In that sense, shale industry leaders are being true to their word, increasing the number of new wells and production more slowly than before to protect prices and profit margins and return capital to shareholders.

But the industry’s commitment to limiting investment is being tested as prices continue rising to levels that are well above the long-term average after adjusting for inflation.

Faster production increases look likely as a result of the continued escalation in oil prices since the start of the year.

DELAYED RESPONSE

Shale drilling has become much more efficient since horizontal drilling and hydraulic fracturing techniques began to be widely applied to oil-rich plays at the start of the last decade.

In the short run, however, drilling exhibits diminishing marginal returns during an upswing; additional rigs add smaller increments to output as they are deployed to less promising sites with less experienced crews using older equipment.

Current rig counts cannot usefully be compared with those five let alone ten years ago, but short-term changes in the rig count can provide a useful directional indicator for output changes over the next 12 months.

Changes in oil futures prices generally filter through into changes in drilling activity with a lag of just under 20 weeks.

The explanation is that it takes four-to-five months for producers to see if price changes will be sustained before deciding to alter the drilling programme, contract with drilling firms, wait for rigs to arrive on site, set up and begin boring.

Current drilling rates therefore reflect prices in September–October 2021, when front-month futures were trading around \$70–80 per barrel.

On average, it will take another six months for wells being drilled at present to be fractured, completed, hooked up to gathering systems and enter commercial production, which should keep output rising through at least August.

Since September–October, however, prices have risen by another \$10–15 per barrel which will ensure the number of rigs keeps rising throughout the second quarter, and production climbs faster through the end of the year.

The rapid escalation in spot prices and severe backwardation in futures is signalling the urgent need for more crude to meet strong consumption growth as the economy rebounds after the pandemic-driven recession.

U.S. oil producers are starting to respond by increasing their drilling programmes in the core shale plays of Texas and more marginal ones elsewhere, which should improve oil availability later this year and especially in 2023.

COMMODITIES Feb 22, 2022

OPEC+ sees no need to pump faster as oil heads toward US\$100



Several key OPEC+ members see no need to accelerate output increases even as oil heads toward US\$100 a barrel amid worsening tension over Ukraine.

Iraq and Nigeria said the group's strategy of gradually

raising production is enough to balance the market and the group has no need to be more aggressive.

Many delegates echoed that view privately on Tuesday, saying it wouldn't make a difference if crude did hit triple digits.

The 23-nation alliance, led by Saudi Arabia and Russia, next meets on March 2. It is factoring in growth in output from non-OPEC+ members such as Brazil and Canada and doesn't want to see any increase in commercially-stored oil around the world, according to Iraq's Energy Minister Ihsan Abdul Jabbar.

"The market will have more and more oil so we think there's no need" to diverge from today's strategy, he said in an interview in Qatar, where he's attending a natural gas conference. "We will not create any growth to the commercial storage. We will secure all the demand by making the required supply."

Brent crude rose 3.6 per cent to US\$98.94 a barrel as of 10:04 a.m. in London, extending this year's jump to 27 per cent. Tuesday's gain came after Russian President Vladimir Putin announced he's recognizing two self-proclaimed separatist republics in eastern Ukraine and plans to send "peacekeeping forces" to the region in a dramatic escalation of the conflict. Moscow has consistently denied having plans to invade Ukraine.

KEEP STEADY

Nigeria's energy minister, Timipre Sylva, backed Jabbar's comments.

"We won't do anything extraordinary at this time because we are expecting a lot of production" from outside of OPEC+, Sylva told reporters at the same event. There's "no need at all to bring on more barrels than the current plan."

Several of OPEC+'s biggest producers want to continue to add

400,000 barrels a day of crude to the market each month, Bloomberg reported on Monday.

Iraq's Jabbar said the Organization of Petroleum Exporting Countries and its partners will make their decision for April at the March meeting, after reviewing fresh data on supply and demand.

Some major oil importers have called on OPEC+ to pump faster and put pressure on the likes of Saudi Arabia to use up some of their spare capacity.

Read more: [OPEC+ Must Fix Its Million-Barrel Supply Gap, IEA Says](#)

Jabbar said it would be "unfair" for any OPEC+ state to raise output beyond its quota, despite many members struggling to reach theirs. Last week, the International Energy Agency, which advises rich countries, said OPEC+ was pumping almost 1 million barrels a day below its target.

"We have come from the recovery from COVID," the Iraqi minister said. "It is not fair that you will give the increase just for some countries."

Iraq undershot its output target last month because of bad weather at ports, Jabbar said. The country should meet its quota for February of around 4.3 million barrels a day, he said.

Wall St Week Ahead Surging

oil prices add another worry for frazzled investors



NEW YORK, Feb 20 (Reuters) – A U.S. stock market, already on edge from a hawkish Federal Reserve and a conflict between Russia and Ukraine, now has another worry: higher oil prices.

U.S. crude prices stand at around \$91 a barrel after surging some 40% since Dec. 1 and earlier this week touched their highest level since 2014. Prices for Brent crude, the global benchmark, have also soared and are near 7-year highs.

Rapidly rising oil prices can be a troubling development for markets, as they cloud the economic outlook by increasing costs for businesses and consumers. Higher crude also threatens to accelerate already-surgingly inflation, compounding worries that the Fed will need to aggressively tighten monetary policy to tamp down consumer prices.

“The stock market would really run into trouble if we went north of \$125 per barrel and stayed there for a while because that would overheat high levels of inflation,” said Peter Cardillo, chief market economist at Spartan Capital

Securities. "That means that the Fed would have to be a lot more aggressive and that certainly would not be a pleasant scenario for the stock market."

Rising tensions between Russia – one of the world's largest oil producers – and Ukraine recently helped drive the rally in oil, which had been supported by a recovery in demand from the coronavirus pandemic.

Capital Economics analysts said earlier this week that crude oil and natural gas prices would surge if the conflict in Ukraine escalated "even if they fall back relatively quickly as the dust settles."

Elevated oil prices contributed to the rise in U.S. inflation, which grew at its fastest pace in nearly four decades last month: While overall consumer prices rose 7.5% year-over-year in January, the index's energy component rose by 27%.

Each "sustained" \$10 increase in the price of oil per barrel adds about 0.3 percentage points to the overall consumer price index, on a year-over-year basis, according to analysts at Oxford Economics.

"The largest impact of higher oil prices is on consumer price inflation and it adds further to the pressure for the Fed to be more aggressive," Kathy Bostjancic, chief U.S. financial economist at Oxford Economics, said in emailed comments to Reuters.

The benchmark S&P 500 (.SPX) is down over 8% this year while the yield on the benchmark 10-year Treasury note has risen by 40 basis points to over 1.9%. Investors are pricing the Fed funds rate to rise to above 1.50% by the end of 2022, from near zero now, according to Refinitiv's Fedwatch tool.

CONSUMER SPENDING IMPACT

Rising crude is already raising costs for businesses and

drivers. The national U.S. average for gasoline recently stood at \$3.48 a gallon, automobile group AAA said earlier this week, up 18 cents from a month earlier and 98 cents from a year ago.

As gasoline prices rise, investors are monitoring trends for consumers, whose spending accounts for over two-thirds of U.S. economic activity. Data on Wednesday showed U.S. retail sales increased by the most in 10 months in January, but last week's consumer sentiment reading came in at its lowest level in more than a decade in early February. [read more](#)

"The risk is that if gas prices at the pump start going up that means less discretionary spending for consumers at a time when a lot of their fiscal benefits from the last couple years are fading," said Michael Arone, chief investment strategist at State Street Global Advisors.

Investors are gauging the effect of higher oil on companies' earnings. Typically, rising oil prices are estimated to lift overall S&P 500 earnings by about \$1 per share for every \$5 increase in the price of crude, according to David Bianco, Americas chief investment officer at DWS Group, with benefits to energy firms outweighing the drag on earnings of airlines and other companies potentially hurt by higher crude costs. That amounts to about 0.4% of total S&P 500 earnings expected for 2022.

The S&P 500 energy sector (.SPNY) is up 22% so far in 2022 while fund managers in the latest BofA Global Research survey reported their highest allocation to energy stocks since March 2012.

But with oil prices already near seven-year highs, and energy stocks comprising a far lower share of the market than a decade ago, those slim bottom-line benefits may be overshadowed by inflation worries if crude keeps charging higher, some investors said.

“Higher oil prices, without a recession, raise S&P profits,” Bianco said. “But not as much as it used to and you definitely don’t want this happening when the Fed is fighting inflation.”

How Giant Saudi Wealth Fund Is Building a Post-Oil Future: QuickTake



Saudi Arabia’s sovereign wealth fund has been transforming almost as quickly as the country itself. In 2015, the Public Investment Fund, or PIF as it’s widely known, was a sleepy holding company for government investments that hardly anyone outside the kingdom had heard of. Now it’s closing in on \$1 trillion in assets as it snaps up everything from soccer clubs to electric carmakers and bankrolls new cities in the desert.

The shift underscores the urgency of its mission: to prepare the world's biggest crude-exporting nation for a post-oil future.

1. What does PIF invest in?

Its biggest holdings are still in local businesses such as Saudi National Bank, Saudi Telecom Co. and national projects like Neom, a \$500-billion city-state that would run entirely on renewable power and export green energy. Since 2016, when it committed \$45 billion to SoftBank Group Corp.'s technology-focused Vision Fund, PIF's foreign interests have mushroomed. A 2018 investment in electric carmaker Lucid Motors Inc. has soared in value to almost \$40 billion. It also has stakes in video game makers Activision Blizzard Inc. and Electronic Arts Inc. and the digital services and retail businesses of Indian billionaire Mukesh Ambani. In February, the government transferred an \$80 billion stake in Saudi state oil giant Aramco to PIF to boost its assets as the fund prepared to tap the international bond market for the first time.

2. What is the fund's purpose?

To project Saudi influence and diversify the economy, a goal laid out by de facto ruler Crown Prince Mohammed Bin Salman under a plan known as Vision 2030. PIF's job is to stimulate inward investment, develop new industries, bring the kingdom access to new technologies through its foreign investments and create jobs. It's also helping to make Saudi Arabia more attractive to outsiders. In a country largely closed off to foreign tourists, and with entertainment a taboo until a few years ago, PIF is investing in luxury resorts, cinemas and entertainment complexes to lure more visitors (and to stop Saudis seeking fun abroad). It also does deals just to make money. When the coronavirus pandemic crashed markets in 2020, PIF invested \$40 billion of currency reserves received from the central bank in a bet on a swift recovery. It sold most of those investments a few months later as stocks rebounded.

3. Why is PIF borrowing money?

While a traditional sovereign fund invests excess national wealth to generate profits in the future, PIF was repurposed as a global investor while the Saudi budget was in deficit. As a result, borrowing has always been part of the plan as it looks to hit its growth ambitions. It's already tapped global banks for multi-billion-dollar loans. Next up is a green bond. While it may seem incongruous for a petrodollar-fueled fund to be raising money from climate-conscious investors, PIF has plenty of environmental projects to target. Saudi Arabia is crafting its tourism strategy around eco-tourism and the fund is the main backer of most of Saudi Arabia's renewable energy projects. Through Neom, it's funding the world's largest project to produce hydrogen fuel without creating any harmful emissions.

4. How big does PIF want to be?

Prince Mohammed is well known for setting ambitious targets and PIF is no exception. He wants it to be overseeing assets of \$2 trillion by 2030, which would make it bigger than Norway's sovereign fund, currently the world's largest at about \$1.4 trillion. PIF's assets have almost quadrupled since 2015 to around \$580 billion. The path to \$2 trillion will involve more big asset transfers from the state. The government expects its first budget surplus in almost a decade in 2022 and the Finance Ministry has said an oil windfall could go into PIF. The fund has also been a major recipient of undeveloped land that's worth zero on paper. If it's used for building, its value can soar.

5. Why did PIF buy a football club?

Soccer teams are often acquired by wealthy individuals as trophy assets and their volatile fortunes can be a turn-off for pension and wealth funds. PIF's acquisition of struggling English Premier League club Newcastle United in 2021 was part of an effort to boost Saudi Arabia's soft power through investments in sports and e-sports. The kingdom's detractors saw the deal as "sportswashing" – an attempt to improve the

nation's image and divert attention from a poor human rights record. Saudi Arabia may be following the playbook of neighboring Abu Dhabi, whose Sheikh Mansour bin Zayed Al Nahyan bought another English club, Manchester City, in 2008 and used it as a platform to market the emirate and its state-owned companies around the world.

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LA DOTE ENERGETICA DELL'IRAN TORNA A FAR GOLA AI MERCATI



Roberto Bongiorno – Il Sole 24 Ore Sabato 12 Febbraio 2022–
N.42

E se una mano per alleggerire in futuro la dipendenza energetica europea dalla Russia, e raffreddare oggi le quotazioni del greggio, arrivasse proprio dal Paese più

sanzionato di tutti?

In questi giorni gli occhi del mondo sono puntati su Vienna, dove è in corso l'8° round di negoziati tra il gruppo 5+1 e la delegazione iraniana sul programma nucleare. È un momento cruciale. I progressi compiuti da Teheran nel processo di arricchimento dell'uranio hanno posto gli Stati Uniti davanti a un bivio; o si conclude un accordo entro febbraio, o poco dopo, oppure sarà troppo tardi.

I mercati del petrolio sono in trepidazione. Se dovesse venire riconfermato il Jpcoa, l'accordo firmato nel luglio 2015, verrebbero rimosse le sanzioni. La riconferma del Jpcoa raffredderebbe subito i prezzi del greggio, oggi sopra i 90 dollari al barile.

D'altronde la dote energetica dell'Iran è invidiabile. Possiede le seconde riserve di gas naturale al mondo e le terze di petrolio. Quando, a inizio 2016, vennero rimosse le sanzioni internazionali contro Teheran, l'Iran sorprese il mondo aumentando in tempi molto più rapidi delle attese la sua offerta di greggio. In 12 mesi l'export più che raddoppiò a due milioni di barili al giorno (mbg). Poi arrivò la doccia fredda: l'8 maggio del 2018 il presidente americano Donald Trump decise di uscire abbandonare il Jpcoa. Le "sanzioni più dure di sempre", volute Trump, assestarono un durissimo colpo sulle vendite iraniane di greggio. Prima del maggio 2018, l'Iran arrivò a produrre un picco di 4,8 milioni di barili al giorno, esportandone circa tre. Nel 2019, quando si abbatté la scure delle sanzioni, l'export crollò, precipitando nel febbraio 2020 a 400mila barili al giorno, il livello più basso da 30 anni. Oggi la situazione si ripete. Ma lo scenario in cui avviene è diverso. Il prezzo del barile sta puntando ai 100 dollari. Sul mercato europeo, le quotazioni del metano, che in alcune circostanze seguono in parte quelle del greggio, sono quintuplicate in soli sette mesi.

LA DOTE ENERGETICA DELL'IRAN TORNA A FAR GOLA AI MERCATI

La futura ricchezza dell'Iran è invece il gas naturale. L'Iran galleggia su un mare di metano; ha le seconde riserve mondiali. Condivide con il Qatar il giacimento più grande al

mondo, South Pars, nelle acque del Golfo Persico. Il Qatar lo sfrutta da tempo ed è divenuto il primo produttore mondiale di gas naturale liquefatto (Lng). L'Iran ne sfrutta solo una minima parte. Nel corso degli anni, nonostante le sanzioni, Teheran è comunque riuscita ad aumentare la produzione di metano, spesso associata all'estrazione di greggio. Ma ne ha esportato molto poco. La gran parte è destinata al mercato interno, dove i consumi sono in costante crescita. Il 73% dell'elettricità prodotta in Iran, Paese da oltre 80 milioni di abitanti, è ricavata proprio dal gas.

Per l'Iran il gas naturale liquefatto è la via più facile, più rapida e più redditizia, spiega da Doha Roudi Baroudi, esperto di energia ed autore di studi sui gasdotti mediterranei. «L'Iran ha realizzato una serie di gasdotti con la Turchia e l'Iraq (Nel 2020 Iraq e Turchia hanno rappresentato rispettivamente il 64% ed il 33% delle esportazioni iraniane di metano, Ndr) – continua Baroudi -. Per raggiungere l'Europa dovrebbe aumentarne la capacità e costruire nuove tratte. In una regione tuttavia estremamente instabile. L'Lng è molto più flessibile».

Nell'Iran settentrionale potrebbe aprirsi un potenziale nuovo corridoio. In agosto il ministero dell'Energia ha infatti ufficializzato la scoperta del più grande giacimento di gas naturale nel settore iraniano del Mar Caspio. Il campo Chalous potrebbe così contribuire alla realizzazione di un nuovo hub del metano nel nord dell'Iran.

Certo, in ogni caso Tehran non potrà prescindere dagli investimenti stranieri. «L'Iran non può fare a meno della tecnologia che solo le compagnie occidentali possono offrire. Ci vorranno investimenti per 60 miliardi di dollari. Si potrebbe rimettere in vita l'accordo con Total», continua Baroudi. Nel 2017 fu proprio la compagnia francese ad essere la prima major a firmare, dopo la rimozione delle sanzioni, un accordo da cinque miliardi di dollari con la National Iranian Oil Company per lo sviluppo e la produzione della fase 11 di South Pars.

Se tutto andrà liscio, ci vorrà comunque del tempo prima che

il gas iraniano potrà raggiungere le coste europee. «Prima occorre incrementare la produzione a South Pars. Ci vogliono da uno a tre anni. Poi servono altri 12-24 mesi realizzare gli impianti per liquefare il gas e acquistare le navi per trasportarlo », conclude Baroudi.

Se venisse raggiunto un accordo a Vienna, sul breve termine il greggio iraniano potrebbe dunque raffreddare le quotazioni attuali. Mentre nell'arco di qualche anno il gas di Teheran potrebbe contribuire a diversificare gli approvvigionamenti europei permettendo a Bruxelles di ridurre la dipendenza dalla Russia. Nello scenario peggiore – un'invasione russa dell'Ucraina e un mancato accordo sul nucleare – gli Usa imporrebbero sanzioni energetiche sul primo produttore mondiale di greggio e gas, e manterrebbero al contempo quelle su uno dei primi cinque esportatori di greggio (con le seconde riserve di gas). L'America possiede gas e greggio in abbondanza per soddisfare la domanda della sua industria. Chi ci rimetterebbe sarebbero proprio i Paesi europei, Italia in testa.

Aramco Revives Talks on Multi-Billion Dollar Refinery in China



Saudi Arabia's state oil company Aramco has revived discussions to build a multi-billion dollar refining and petrochemicals complex in China, according to several people with knowledge of the matter.

Aramco is holding preliminary negotiations about a facility in the Northeastern province of Liaoning with partners including Norinco, a state-owned defense contractor, said the people.

Talks over what was meant to be a \$10 billion venture were suspended in 2020 as oil crashed at the start of the pandemic. Now, with crude approaching \$100 a barrel, Aramco's finances have been transformed, freeing up money for investment in its biggest export market.

China and Saudi Arabia's ties have strengthened as Beijing's need for oil has grown along with its economy. The kingdom was the biggest supplier of crude to China last year, according to data compiled by Bloomberg.

As part of the Chinese refinery plan, Aramco is negotiating terms that could include its trading unit providing crude to the venture, said two of the people. Aramco Trading Co. purchases and sells oil from Saudi Arabia and other countries. An agreement is not imminent and it's still unclear how much of the original plan still stands, said the people.

Aramco didn't immediately respond to a request for comment. Calls to a Norinco spokesman's office after business hours weren't answered. An email to a spokesman and the general address of the company wasn't immediately answered.

Downstream Expansion

Aramco and Norinco signed a framework agreement in 2017 to construct a refinery capable of handling 300,000 barrel per day of crude. They were also meant to build a 1.5-million-ton-per-year ethylene plant.

Saudi Aramco cut spending and shelved several projects in 2020 to protect its \$75 billion annual dividend, the world's biggest. Its cashflow has jumped this year and rose above its quarterly dividend in the second and third quarters.

The company's downstream business, which includes chemicals subsidiary Sabic, swung to a profit as margins for refined fuel climbed. The unit – which includes refineries, retail operations, trading and Sabic – made a \$4 billion profit before interest and tax in the third quarter.

Aramco aims to roughly double its global refining network to handle as much as 10 million barrels a day by 2030. It was mulling a \$15 billion investment in Reliance Industries Ltd.'s oil-to-chemicals unit in India, but the plan was scrapped late last year.

ExxonMobil posts \$23bn in 2021 profits on higher oil

prices



ExxonMobil reported a profitable fourth-quarter Tuesday to conclude a strong comeback year in 2021 on higher oil prices amid recovering energy demand.

The oil giant reported annual profits of \$23 billion last year compared with a loss of \$22.4 billion in 2020 when demand was dented by the Covid-19 lockdowns. High oil prices helped boost results again during the quarter, although increased costs cut into gains in some operations.

“Our effective pandemic response, focused investments during the down-cycle, and structural cost savings positioned us to realize the full benefits of the market recovery in 2021,” said Chief Executive Darren Woods.

In the fourth quarter, ExxonMobil’s upstream business benefited from higher prices in oil and natural gas, which surged 63 percent compared with the third quarter.

The company also benefited from a profitable run in its downstream business in a reversal from last year's fourth quarter, as well as increased earnings in chemicals.

However, ExxonMobil said profits in its European refining operations were limited somewhat by higher energy prices. The company also flagged higher feed and energy costs as a drag in its chemical business.

On Monday, ExxonMobil announced it was combining its chemical and downstream businesses as it enacts \$6 billion in cost savings through 2023. The company is also shifting its corporate headquarter to Houston from Irving, Texas near Dallas.

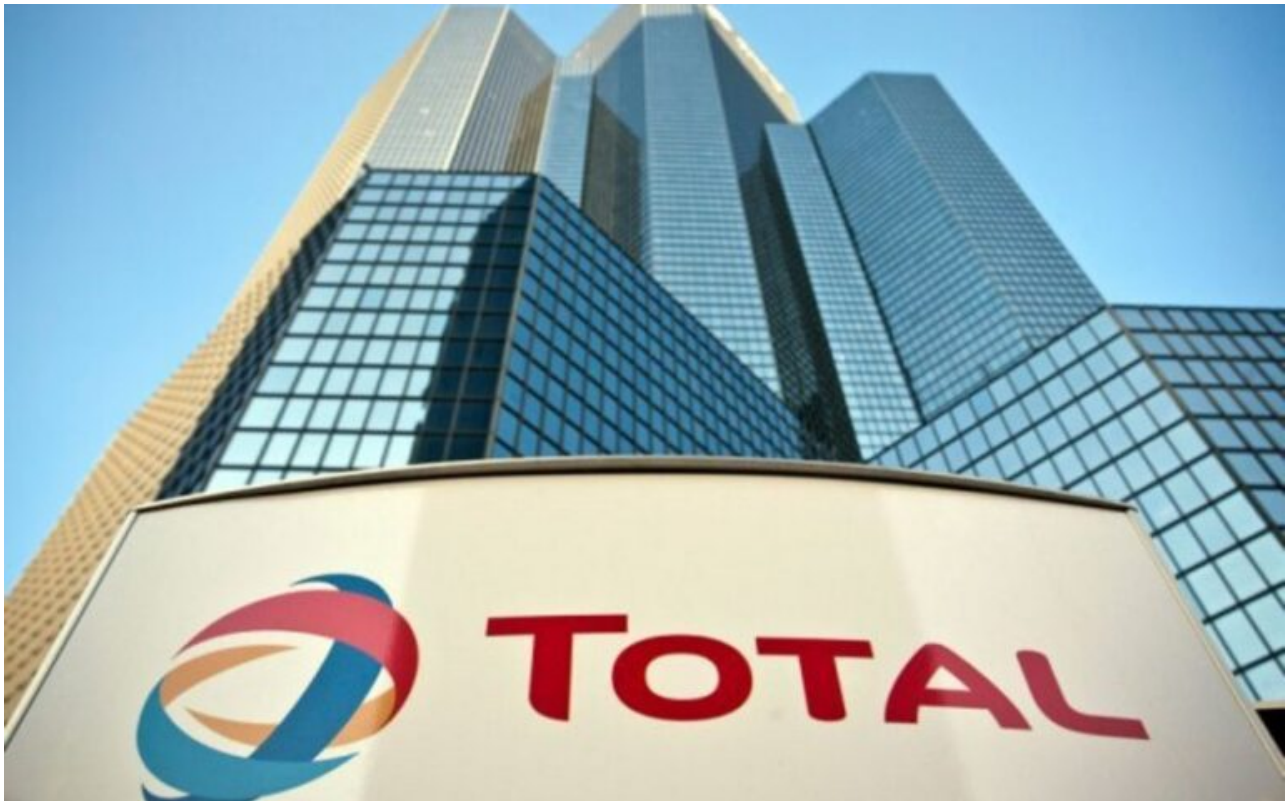
Higher oil prices set to lead to higher twin deficits, inflation in most Fitch-rated energy importers in Mena



Higher oil prices are set to lead to higher twin deficits and inflation in most Fitch-rated energy importers in the Middle East and North Africa (Mena), the agency has said in a new report. Most of these Mena countries with the exception of GCC sovereigns are net importers of hydrocarbons. "We assume oil prices will moderate to average USD70 a barrel in 2022 (similar to 2021) and fall further in 2023- 2024. However, price risks are to the upside," Fitch Ratings said. In all but one Mena oil importers, regulated electricity prices are below the cost recovery level. Support to electricity sectors is a significant contributor to fiscal deficits and/or the build-up of indebtedness in Jordan, Lebanon and Tunisia, it said. Electricity prices for consumers have been flat through 2020-2021 in Morocco and Tunisia but have risen in Egypt, Jordan and Lebanon. In Egypt, this is part of a programme of tariff hikes. Countries are generally seeking to enact reforms over the medium term that will raise tariffs (at least for some consumers) while providing targeted assistance. Petroleum subsidies have largely been removed across the region, and prices adjust to oil market fluctuations, although subject to decisions by a pricing committee in most countries and a small monthly adjustment cap in Tunisia. Higher global oil prices have trickled through to transportation CPI inflation across

the region. According to Fitch Ratings, higher energy prices will widen current account deficits (CADs) of net energy importers, particularly Lebanon, Tunisia, Jordan and Morocco. In Tunisia, this will put pressure on (currently adequate) foreignexchange reserves, amid lack of access to external funding. In Lebanon, import volumes will be constrained by dwindling reserves, absence of external funding and a collapsing economy. Rising prices of hydrocarbon feedstock could eventually require changes in tariffs or higher fiscal outlays to support electricity sectors, although electricity companies can absorb higher losses in the short term. Gas pricing is linked to oil prices, but long-term supply agreements cushion the impact of hydrocarbon price swings (in Jordan and Tunisia), as does domestic hydrocarbon production (in Egypt, Israel and Tunisia) and electricity generation from renewables (most importantly in Morocco), Fitch said.

Total, Eni to invest in Libya's energy sector



France's TotalEnergies and Italy's Eni said they were ready to invest billions of dollars in Libya as the OPEC nation emerges from a decade of conflict and civil war. France's TotalEnergies and Italy's Eni said they were ready to invest billions of dollars in Libya as the OPEC nation emerges from a decade of conflict and civil war. "I want to contribute to Libya's comeback," TotalEnergies' Chief Executive Officer Patrick Pouyanne said on Monday at an energy conference in the capital, Tripoli.

"Some may see more boldness than wisdom in TotalEnergies' decision to partner with Libya. I don't. Where they see risks, I see the opportunities." The Paris-based firm will put \$2 billion into Libya's Waha oil project, which will boost production by around 100,000 barrels a day, he said. It will also work to raise output at the Mabruk field and help build 500 megawatts of solar power to feed the local grid. Libya will be a vital source of supply for global petroleum markets over the next decade, Pouyanne said. The nation contains Africa's biggest oil reserves but has been mired in fighting for much of the period since 2011, when leader Moammar Qaddafi was toppled in an uprising.

Warring sides struck a truce in mid-2020, leading to more stability and enabling crude output to rise from barely anything to around 1.1 million barrels a day. The government has said it needs plenty of foreign investment to sustain that level of output, let alone reach its target of between 2 and 2.5 million barrels per day within six years. Elections Loom

An interim government led by Prime Minister Abdul Hamid Dbeibah is meant to govern the country until shortly after presidential elections scheduled for Dec. 24. Dbeibah said this week that he will run for the presidency, joining a field that includes Saif al-Islam Qaddafi, a son of the former dictator, and eastern-based commander Khalifa Haftar. The two-day conference is the first prominent energy forum in Libya for over 10 years. Pouyanne and Eni's chief operating officer, Alessandro Puliti, were the highest-profile foreign executives to attend on the first day. Eni will push ahead with oil, natural-gas and solar projects, according to Puliti. "Libya has significant remaining oil and gas potential," he said. "Eni is ready to support that development." The Italian company was one of the first firms to explore in Libya and struck oil there in the late 1950s. It currently pumps about 400,000 barrels a day of oil and gas, making it the biggest foreign energy company in the country, Puliti said.