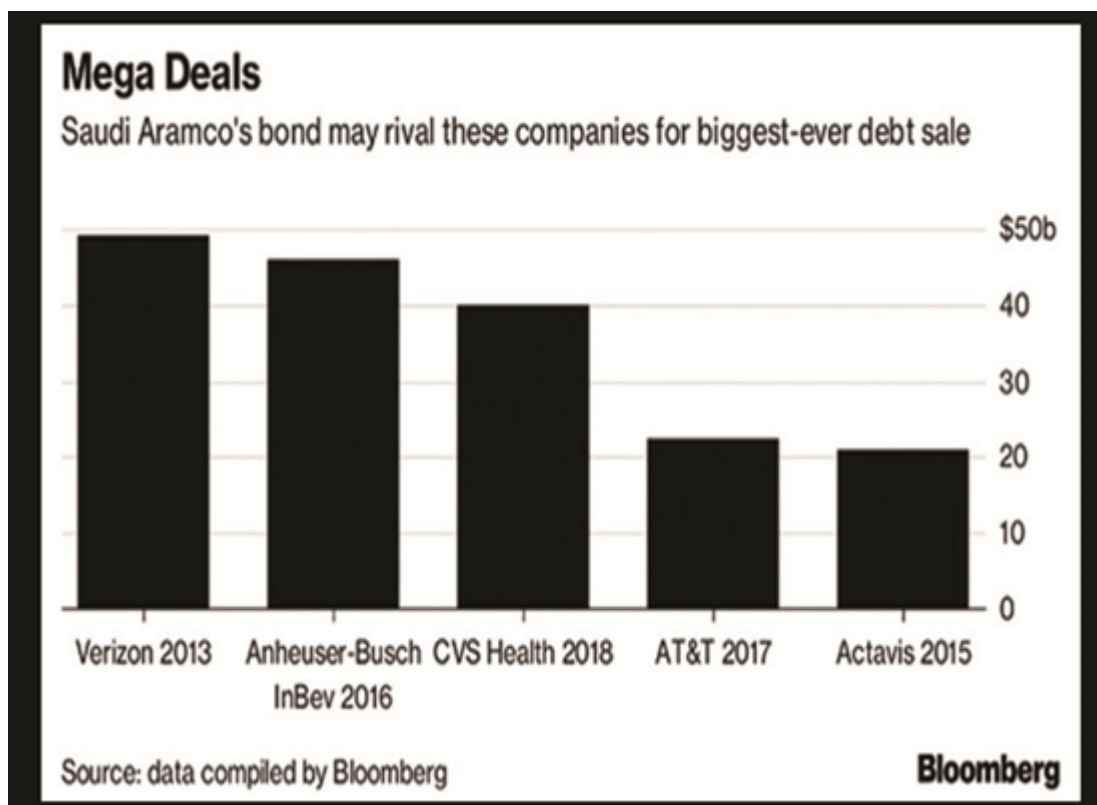


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with offerings down 14% from last year.

And yet Crown Prince Mohammed bin Salman needs to flood PIF with cash so it can accelerate a buying spree that's seen it snap up stakes in Tesla Inc and Uber Technologies Inc since 2016. His vision is that by 2030, PIF will control \$2tn in assets just as oil's dominance worldwide starts waning.

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Aramco's issuance could conceivably be the biggest corporate bond sale if it surpasses the \$49bn Verizon Communications Inc raised in 2013 to buy a stake in Verizon Wireless Inc. Bond brokers are divided on how much appetite there will be. Some say Aramco won't be able to raise more than \$10bn at the price it wants; others think it can pull off \$50bn or even \$70bn.

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Saudi Arabia will have to give a competitive first-issuer premium to woo this segment of buyers. Angad Rajpal, a senior fund manager at Emirates NBD Asset Management, said anywhere from 25 basis points to 40 basis points above equivalent-maturity Saudi sovereign debt would do the trick.

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If Aramco can pull off a mega bond sale, it could mean a fee bonanza for bankers reeling from the cancellation of the IPO, according to Jeff Nassof, a director at Freeman & Co in New York. If it can raise \$70bn of bonds to fully fund the Sabic purchase at a fee rate of 0.1%, for instance, banks could get a \$70mn windfall, the largest underwriting fee ever paid in the Middle East.

But that's a big if. Whatever Aramco can't raise in bonds it will presumably need to borrow in loans, which means more Saudi risk on bank balance sheets. Lenders have already extended tens of billions of dollars in loans to help the kingdom weather the downturn in oil since 2014.

China sets tariff on US LNG

just as exports ramp up



China has set a 10% tariff on imports of US liquefied natural gas just as trade of the super-chilled fuel between the two nations started to ramp up and exports from new terminals on the US Gulf Coast are poised to begin. Beijing announced yesterday it would tax thousands of US products worth \$60bn in retaliation for tariffs imposed by US President Donald Trump as the trade war between them escalated. China became the world's second-largest importer of LNG last year, behind Japan and ahead of South Korea, driven by a push to convert to cleaner gas from coal generation energy. At the same time, the United States is poised to become a major exporter with the majority of LNG supply growth in coming years from new terminals being planned or built now.

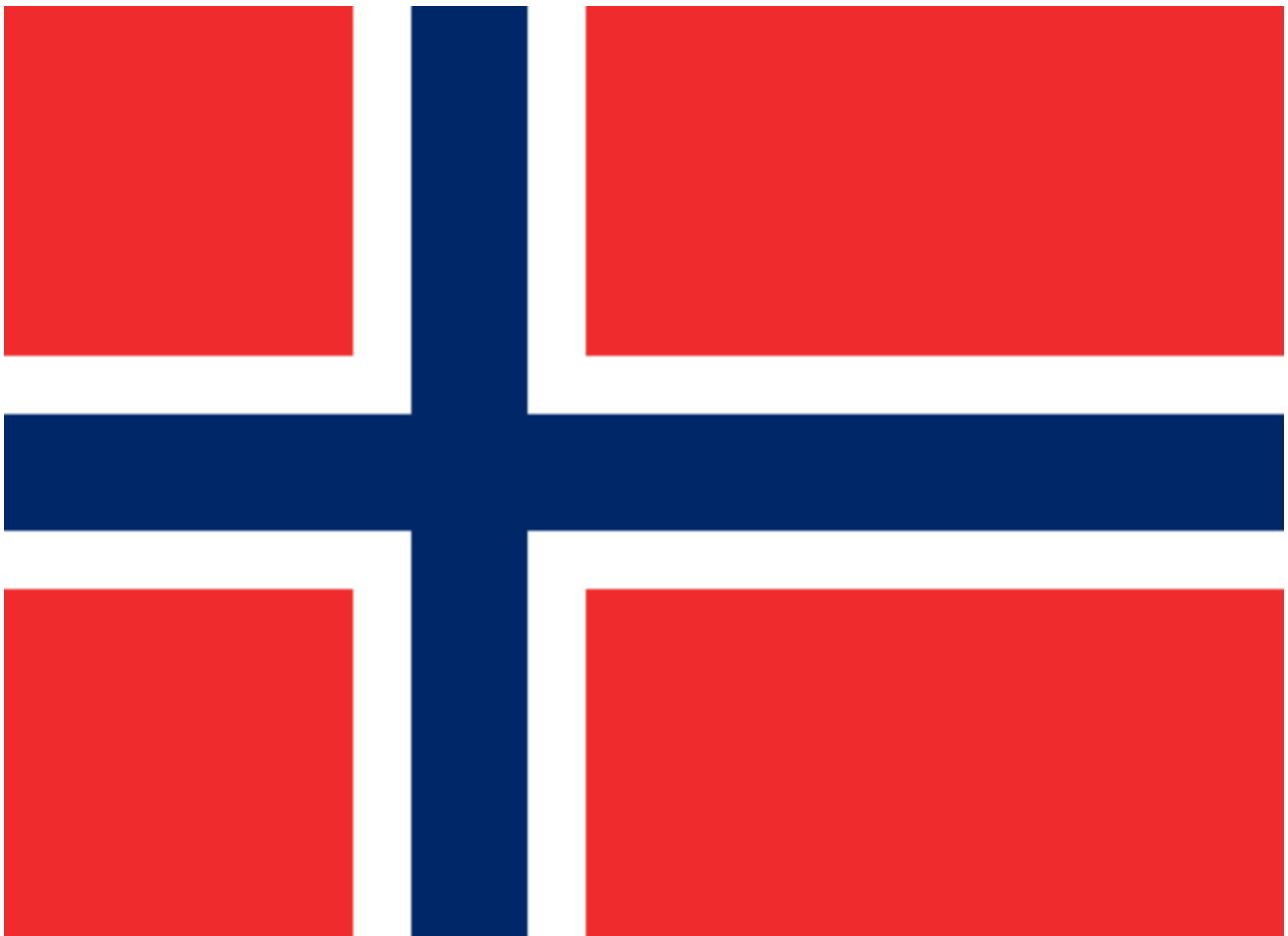
China imported 1.6mn tonnes of the 14.9mn tonnes of LNG that has been exported from the United States so far this year, according to Thomson Reuters data. Analysts and traders have said that although China is a huge buyer of LNG especially in the run-up to and during winter, it should easily find supplies from other large exporters such as Qatar and Australia. State-owned Qatargas said this month it had signed a 22-year deal to supply a unit of PetroChina with 3.4mn tonnes a year.

For US companies developing LNG export terminals such as Cheniere Energy, Sempra and Kinder Morgan, the tariff casts doubt over their projects' final investment decisions (FIDs), which trigger construction of facilities. "It's a problem for Cheniere as it makes their LNG uncompetitive in China," Noel Tomnay, vice president for gas and LNG consulting at Wood Mackenzie, told Reuters on the sidelines of an industry event in Barcelona, Spain. "But the biggest problem is for all those US LNG projects trying to get FID. China would be the biggest market for all of them. While these tariffs last, it's

unlikely they can take off .

That's a potential opportunity for non-US projects (e.g. Canada) to go ahead." Four new US terminals and one extension will come onstream in stages over the next two years. Once they run at capacity, they will constitute 60% of all new supplies expected to be added to the global market by 2023. Aside from that, there are dozens of new trains, or facilities, planned at existing or new terminals, which all need FIDs before they progress.

The \$20bn race to eclipse Norway's elite oil producers



The race is on to become Norway's biggest non-state oil company. As super majors such as Exxon Mobil Corp and BP Plc focus on other regions, a new group of smaller companies is revitalising the country's oil industry. They are buying up reserves and pumping money into new and existing fields, setting a course to surpass bigger rivals and become Norway's largest producers after state-controlled Equinor ASA and Petoro AS.

Here are the contenders for the No 3 spot: Aker BP ASA: The result of a merger in 2016 between an independent Norwegian oil company and BP's local unit. It is investing \$1.3bn this year and plans to double production to 330,000 barrels of oil equivalent a day in 2023. It could exceed that goal even without more transactions, its chief executive officer said on Thursday. Var Energi AS: The product of the merger between Norway's private-equity-backed Point Resources AS, which bought Exxon-operated oil fields in the country, and Eni SpA's local unit. It plans to invest \$8bn over five years to reach 250,000 barrels a day of output in 2023, from 170,000 barrels last year. Wintershall DEA: The planned combination of German oil companies Wintershall AG and Deutsche Erdoel AG.

The two anticipate at least €2bn (\$2.3bn) of investments each in Norway from 2017 to 2021. The merged entity's production could reach 200,000 barrels a day in the "near future." If Aker BP maintains current spending levels, these companies could invest \$20bn or more in the five years to 2022 – the equivalent of a year's investment by all oil companies in Norway. The race among the companies will propel at least one of the three past Total SA, Norway's third-biggest producer last year with 214,000 barrels a day. That's even with the additional output Total will get from the giant Johan Sverdrup project. The scramble could turn out to be a boon for Norway, western Europe's biggest oil and gas producer but facing a dearth of big projects by the beginning of the next decade.

Aker BP, in which BP retains a 30% stake, isn't about to let

rivals surpass it. “Absolutely not,” CEO Karl Johnny Hersvik said in an interview during the ONS Conference in Stavanger last month. “We actually think this is fun. Because there’s nothing that creates more innovation than competition.”

Having acquired the Exxon fields, and encouraged by new owners HitecVision AS, there’s increased activity at Point Resources, with engineers working out how to boost output, said Kristin Kragseth, vice-president for production. She doesn’t “spend much time on the competition aspect,” said the former Exxon executive who is also the incoming CEO of Var Energi. “We have very concrete plans to grow,” Kragseth said in an interview at ONS in Stavanger. “If that makes us one of the biggest producers, great.”

Millions of EV charging points planned for US, Europe by 2025





Two electric car charging companies are announcing plans to build 3.5mn plug-in spots in the US and Europe by 2025 in an effort to accelerate the adoption of clean vehicles, according to Bloomberg. California-based ChargePoint Inc will deliver 2.5mn places to charge and EVBox will install 1mn new fast and regular chargers, according to a statement on Friday by The Climate Group, which helps develop zero-emission programmes. The new charging stations will support 37mn electric vehicles that are forecast to be on the road globally by 2025, driving a combined 384bn electric miles per year. The announcement was made during the Global Climate Action Summit in San Francisco.

Shale drilling expands far from Permian pipeline pinch



Shale explorers added the most oil rigs in a month last week, even as pipeline bottlenecks depress prices in America's busiest basin while growth migrates to other plays. Working oil rigs rose by 7 to 867, according to data released on Friday by oilfield service provider Baker Hughes. That was the biggest increase since the weekend ended August 10.

Still, the count has mostly plateaued since late May, after a ramp-up that more than doubled the number from little more than 300 in mid-2016. A pipeline bottleneck in the Permian Basin of West Texas and New Mexico is restricting frack work there and forcing the region's exploration and production companies to sell their crude at a large discount to the West Texas Intermediate benchmark. But the crunch is encouraging drilling in other areas.

"E&Ps will start drilling again to adjust to bottlenecks," Bloomberg Intelligence analyst Mark Rossano said on September 10. "While some work picks up again, a majority will be pushed into 2019 to match new pipeline capacity." Though the number of active rigs fell in the Permian, by one to 483, two were added in the Denver-Julesburg Niobrara play in Colorado and another was activated in the Bakken of North Dakota.

Ministry observes World Ozone Day



Qatar, represented by the Ministry of Municipality and Environment, celebrated International Day for the Preservation of the Ozone Layer, which falls on September 16, and aims at urging global efforts to preserve the ozone layer and its vital role on planet Earth.

As part of this year's celebration, which held under the slogan "Keep Cool and Carry On", a United Nations Environment Programme (UNEP) delegation visited the ministry yesterday, as an expression of the great efforts and outstanding level achieved by Qatar in its obligations to implement the Montreal Protocol on Substances that Deplete the Ozone Layer, 31 years after the protocol was announced in Montreal.

On January 22, 1996, Qatar acceded to the 1985 Vienna Convention on the Preservation of the Ozone Layer, the 1987 Montreal Protocol on Substances that Deplete the Ozone Layer and the London and Copenhagen Amendments. On January 29, 2009,

Qatar ratified the Montreal and Beijing amendments to the Montreal Protocol.

Dr Aisha Ahmed al-Baker, director, radiation and chemicals protection department at the Ministry of Municipality and Environment, the body responsible for following up the implementation of the UN multilateral conventions on the protection of the ozone layer, said Qatar made achievements in several axes in this regard, adding that the multilateral fund of the protocol has approved several projects of the Qatar.

Al-Baker reviewed the projects and achievements in the issuance of a number of legislations and laws to implement several agreements.

She pointed out that in the framework of Qatar's commitment to protecting the ozone layer, it issued Law No (21) of 2007 on the control of substances that deplete the ozone layer was recently updated by Law No (19) of 2015 on the issuance of the common system on substances that deplete the ozone layer for the GCC

countries.

She added that the law aims to regulate the import, re-export, transfer, and storage of devices, equipment, and products that have been monitored and complete disposal of these substances and to be replaced with safe alternatives.

She added that the State party regularly reported to the Secretariat of the Convention and the Multilateral Fund Secretariat on the total and sectoral consumption of each substance.

"The ministry co-operated with State bodies concerned with monitoring imports and exports of hydro chlorofluorocarbons (HCFCs) ozone-depleting substances, as well as monitoring their illegal trade practices, tighten market controls, and hold training programs for various stakeholders.

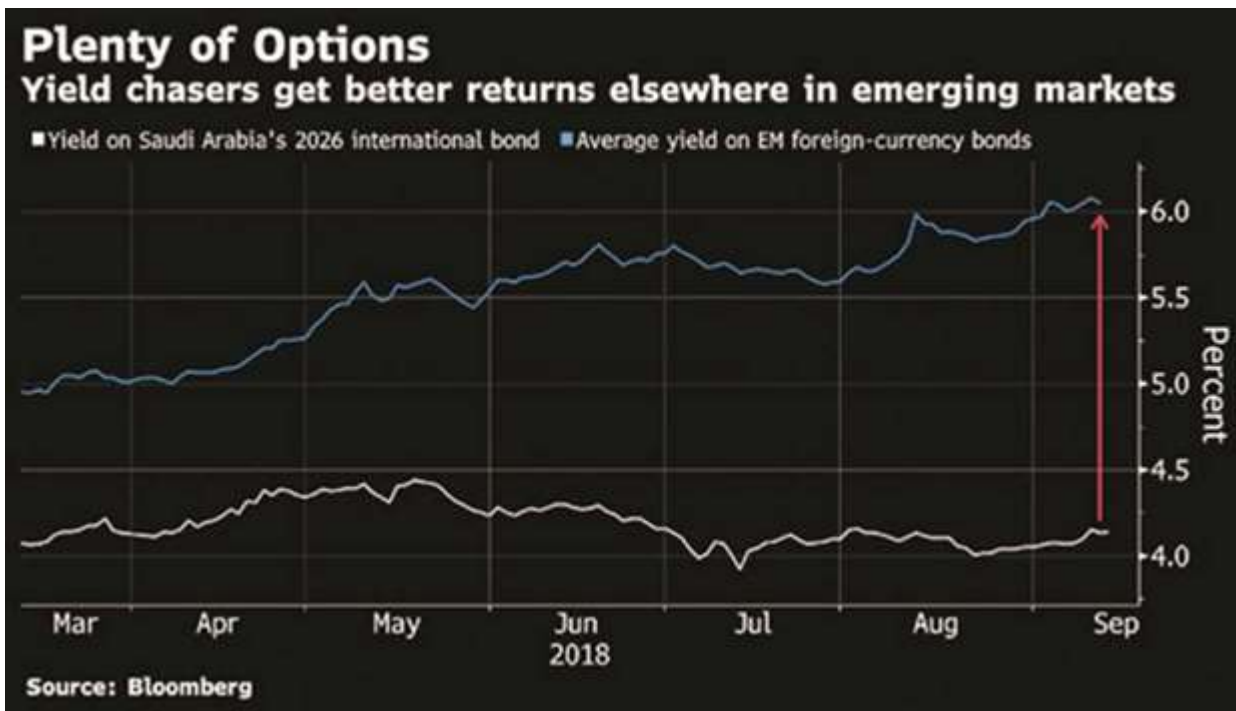
With regards to plans, she said a national strategy has been put in place to deal with the mentioned hydro chlorofluorocarbons (HCFCs) which runs till 2030. "Qatar's consumption to these materials includes two main sectors: industry of insulating materials (foam) and the refrigeration

and air-conditioning services industry.”

Hussein al-Kibisi, manager, department of environmental observation said the ministry has implemented Article No 3 of Law No 19 of 2015, setting standards, registration and quota system for importing companies for these controlled substances.

Al-Kibisi said Qatar started preparing to implement the Kigali Amendment by requesting from the Multilateral Fund to finance a project for enabling activities to push the validation process into the Kigali Amendment, through a number of survey, legal and technical programs which reviews the implications of the state’s commitment to the amendment and its impact on different sectors. (QNA)

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Bloomberg Brussels

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The Global Economy's Fundamental Weakness



Sep 13, 2018 RICHARD KOZUL-WRIGHT

Over the course of the past decade, the global economy has recovered from the 2008 financial crisis by riding a wave of debt and liquidity injections from the major central banks. Yet in the absence of steady wage growth and productive investments in the real economy, the only direction left to go is down.

GENEVA – When Lehman Brothers declared bankruptcy ten years ago, it suddenly became unclear who owed what to whom, who couldn't pay their debts, and who would go down next. The result was that interbank credit markets froze, Wall Street panicked, and businesses went under, not just in the United States but around the world. With politicians struggling to respond to the crisis, economic pundits were left wondering whether the “Great Moderation” of low business-cycle volatility since the 1980s was turning into another Great Depression.

In hindsight, the complacency in the run-up to the crisis was clearly unconscionable. And yet little has changed in its aftermath. To be sure, we are told that the financial system is simpler, safer, and fairer. But the banks that benefited from public money are now bigger than ever; opaque financial instruments are once again de rigueur; and bankers' bonus

pools are overflowing. At the same time, un- or under-regulated “shadow banking” has grown into a \$160 trillion business. That is twice the size of the global economy.

Thanks to the trillions of dollars of liquidity that major central banks have pumped in to the global economy over the past decade, asset markets have rebounded, company mergers have gone into overdrive, and stock buybacks have become a benchmark of managerial acumen. By contrast, the real economy has spluttered along through ephemeral bouts of optimism and intermittent talk of downside risks. And while policymakers tell themselves that high stock prices and exports will boost average incomes, the fact is that most of the gains have already been captured by those at the very top of the pyramid.

These trends point to an even larger danger: a loss of trust in the system. Adam Smith recognized long ago that perceptions of rigging will eventually undermine the legitimacy of any rules-based system. The sense that those who caused the crisis not only got away with it, but also profited from it has been a growing source of discontent since 2008, weakening public trust in the political institutions that bind citizens, communities, and countries together.

During the synchronized global upswing last year, many in the economic establishment spoke too soon when they began to forecast sunnier times. With the exception of the US, recent growth estimates have fallen short of previous projections, and some economies have even slowed. While China and India remain on track, the number of emerging economies under financial stress has increased. As the major central banks talk up monetary-policy normalization, the threats of capital flight and currency depreciation are keeping these countries’ policymakers up at night.

The main problem is not just that growth is tepid, but that it is driven largely by debt. By early 2018, the volume of global debt had risen to nearly \$250 trillion – three times higher than annual global output – from \$142 trillion a decade

earlier. Emerging markets' share of the global debt stock rose from 7% in 2007 to 26% in 2017, and credit to non-financial corporations in these countries increased from 56% of GDP in 2008 to 105% in 2017.

Moreover, the negative consequences of tightening monetary conditions in developed countries will likely become more severe, given the disconnect between asset bubbles and recoveries in the real economy. While stock markets are booming, wages have remained stuck. And despite the post-crisis debt expansion, the ratio of investment-to-GDP has been falling in the advanced economies and plateauing in most developing countries.

There is a very big "known unknown" hanging over this fragile state of affairs. US President Donald Trump's trade war will neither reduce America's trade deficit nor turn back the technological clock on China. What it will do is fuel global uncertainty if tit-for-tat responses escalate. Even worse, this is occurring just when confidence in the global economy is beginning to falter. For those countries that are already threatened by heightened financial instability, the collateral damage from a disruption to the global trading system would be significant and unavoidable.

Yet, contrary to conventional wisdom, this is not the beginning of the end of the postwar liberal order. After all, the unraveling of that order started long ago, with the rise of footloose capital, the abandonment of full employment as a policy goal, the delinking of wages from productivity, and the intertwining of corporate and political power. In this context, trade wars are best understood as a symptom of unhealthy hyper-globalization.

By the same token, emerging economies are not the problem. China's determination to assert its right to economic development has been greeted with a sense of disquiet, if not outright hostility, in many Western capitals. But China has

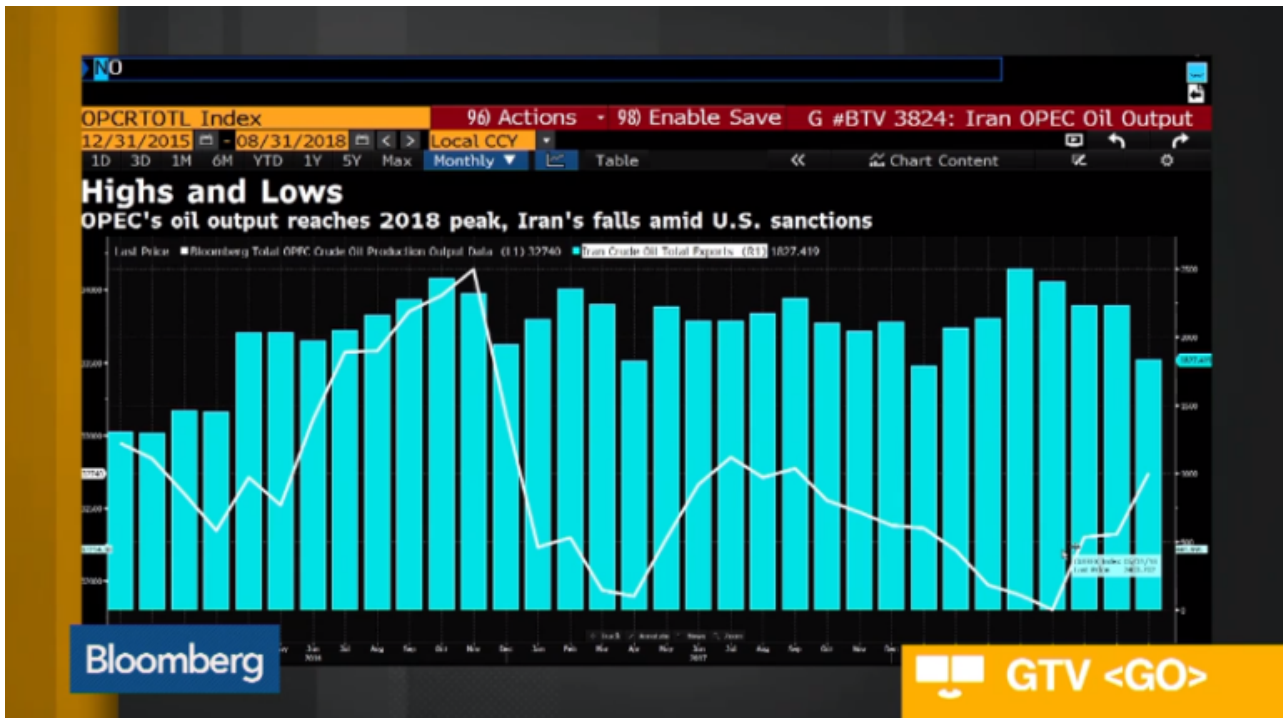
drawn from the same standard playbook that developed countries used when they climbed the economic ladder.

In fact, China's success is exactly what was envisioned at the 1947 United Nations Conference on Trade and Employment in Havana, where the international community laid the groundwork for what would become the global trading system. The difference in discourse between then and now attests to how far the current multilateral order has moved from its original aims.

At first, the Lehman crisis did trigger a revival of the post-war multilateral spirit; but it proved fleeting. The tragedy of our times is that just when bolder cooperation is needed to address the inequities of hyper-globalization, the drums of "free trade" have drowned out the voices of those calling for a restoration of trust, fairness, and justice in the system. Without trust, there can be no cooperation.

RICHARD KOZUL-WRIGHT

IEA Warns of Higher Oil Prices as Iran, Venezuela Losses Deepen



The International Energy Agency warned that oil prices could break out above \$80 a barrel unless other producers act to offset deepening supply losses in Iran and Venezuela.

Iranian crude exports have fallen significantly before U.S. sanctions even take effect, the IEA said in a monthly report. The Middle Eastern nation will face further pressure in coming months and the economic crisis in Venezuela is pushing output there to the lowest in decades. It's uncertain whether Saudi Arabia and other producers will fill any shortfall, or how far they're able to, the agency said.

"Things are tightening up," said the Paris-based IEA, which advises most major economies on energy policy. "If Venezuelan and Iranian exports do continue to fall, markets could tighten and oil prices could rise" unless there are offsetting production increases elsewhere, it said.

Oil climbed to a three-month high above \$80 a barrel in London on Wednesday as fears of a supply crunch eclipsed concern about the risks to demand such as the U.S.-China trade dispute. While the Organization of Petroleum Exporting Countries and allies including Russia pledged to boost supply, the IEA said it remains to be seen how much will be delivered.

Saudi Arabia lifted output by 70,000 barrels a day to 10.42 million last month, but that remains “some distance from the 11 million barrels a day level that Saudi officials initially suggested was on the way,” the IEA said. While the agency warned that “there is a risk to the 2019 outlook” for demand from challenges in emerging markets such as currency depreciation and trade disputes, it kept forecasts for consumption unchanged.

In the meantime, supply risks dominate. Oil inventories in developed economies are already below-average and will decline further in the fourth quarter, the IEA predicted.

Venezuela, which is pumping at just half the rate it managed in early 2016, could see its output slump another 19 percent to 1 million barrels a day this year as infrastructure deteriorates and workers flee, the agency predicted.

Iranian production has already fallen to the lowest since July 2016, at 3.63 million barrels a day, as buyers retreat ahead of U.S. sanctions that come into force on Nov. 4.

Although Russia, Saudi Arabia and other Gulf members of OPEC promised to bolster production by about 1 million barrels a day, the IEA remained cautious on whether the full amount would be delivered. It’s unclear how quickly OPEC’s spare capacity, which stands at about 2.7 million barrels a day, can be activated, it said.

“We are entering a very crucial period for the oil market,” which could push prices out of the \$70-to-\$80 a barrel range seen in the past few months, the IEA said.

Russia ready to pump oil at record if market requires



A worker checks the valve of an oil pipe at field owned by Russian state-owned oil producer Bashneft near the village of Nikolo-Berezovka, northwest of Ufa, Bashkortostan, Russia (file). Russia has the capacity to set a new oil-production record, but won't decide whether the market needs those additional supplies before a meeting later this month with its Opec allies, according to Bloomberg. The country could boost output by as much as 300,000 bpd in the medium-term, which would beat the post-Soviet record set in October 2016, Russian Energy Minister Alexander Novak said on Wednesday. It's in everyone's interest to keep the oil market balanced, so Russia will discuss supplies with the Organisation of Petroleum Exporting Countries in Algiers on September 23, he said. "We have not yet taken any decisions on production growth, we've just spoken about the potential we have and the spare capacity," Novak said in an interview with Bloomberg in Vladivostok, Russia. "We will be discussing these decisions and steps we plan to take in Algeria." Russia is officially disclosing its spare

crude-production capacity for the first time.