



EVALUESERVE

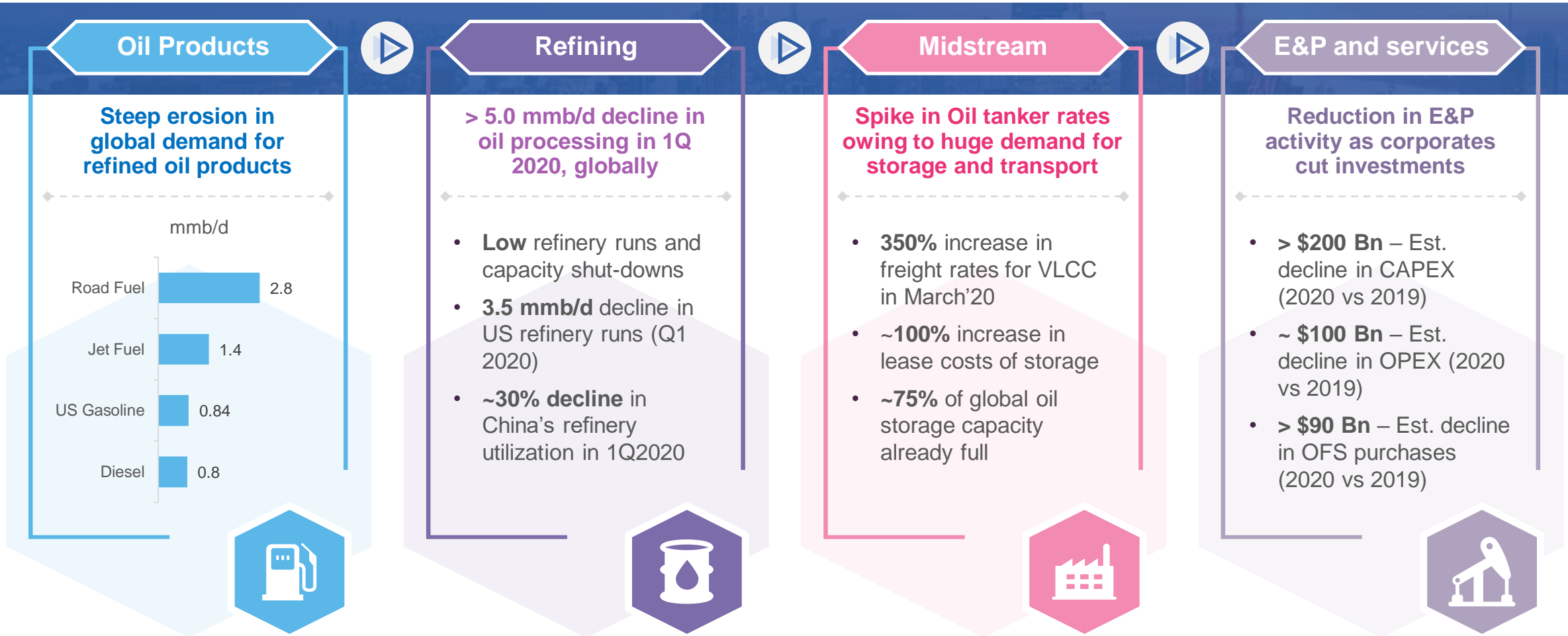
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COVID-19: Way Forward for Oil Markets

APRIL 2020

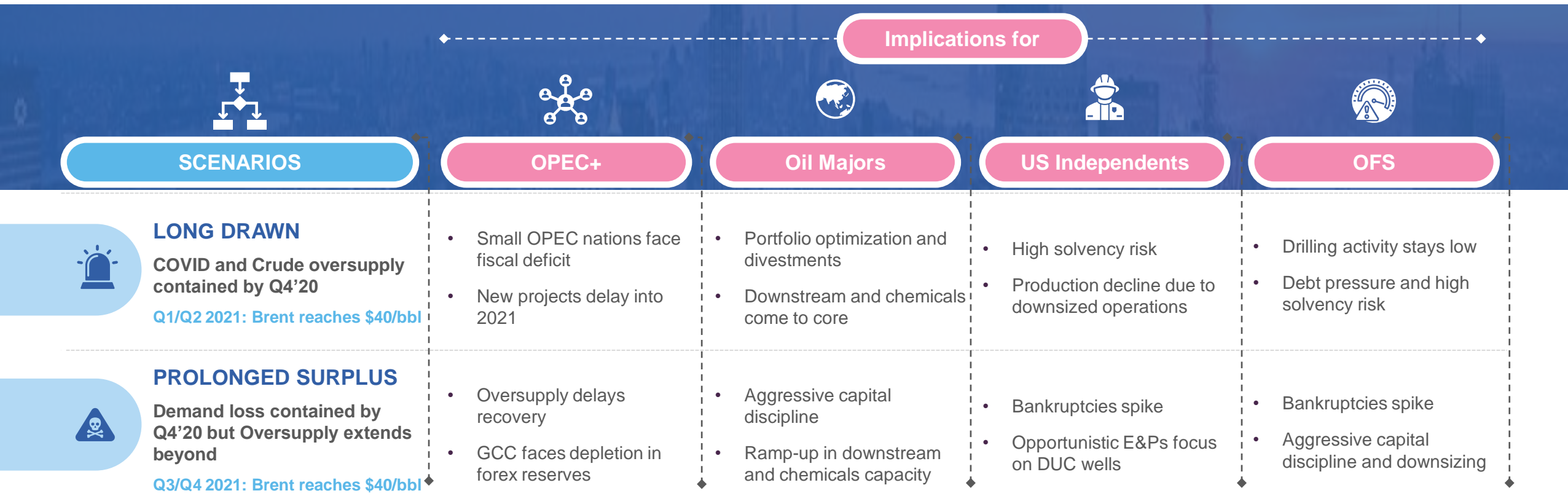
Ripple effects of demand shock from COVID-19, felt across the value chain

Given the current state of outbreak it's unlikely that the demand loss from COVID-19 would diminish before Q3 2020 and despite the optimistic recovery, 2020 oil demand will still face substantial decline.



What are the possibilities ahead ?

“LONG DRAWN” scenario is most likely. Amidst agreement on production cuts and strong measures to contain COVID, 2021-22 is likely to mark the recovery of oil markets.

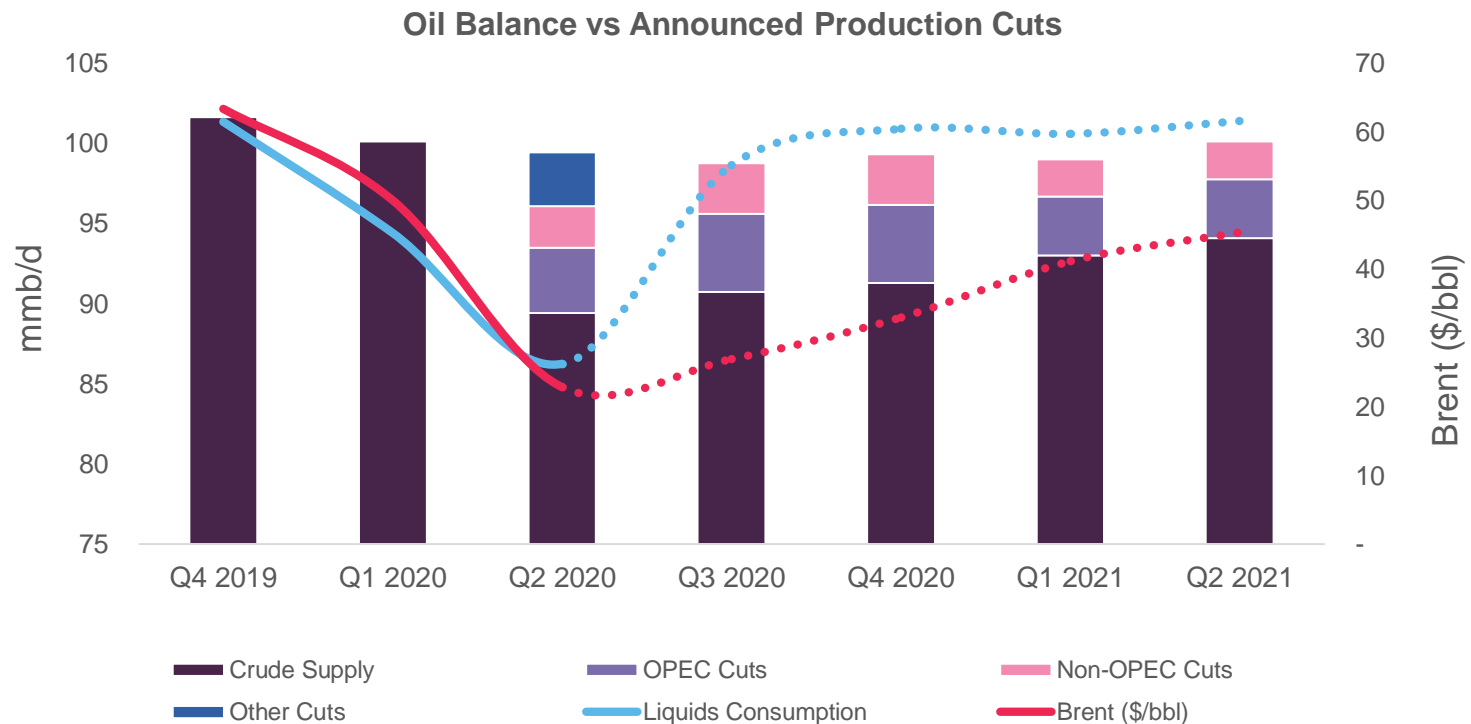


As per Evalueserve's analysis, Brent prices are likely to recover to \$40/bbl by Q1/Q2 2021 provided that the COVID-19, is successfully contained by end of Q2 2020 resulting in oil demand returning to pre-crisis levels in 2H 2020. The rise in Brent prices would lag the demand recovery due to excess production and accelerate gradually as stockpiles start to drop.

OPEC+ cuts: Will the supply side deal be enough?

Despite the agreed production cuts of ~15.0 mmb/d, rebound in oil prices would predominantly depend on the acceleration of demand growth in 2H2020, assuming that COVID is contained and OPEC+ and others are compliant with cuts.

Despite the coordinated supply cuts, Q2 2020 is likely to witness substantial oversupplies, more refining run cuts and storage standstills. While the production cuts are unlikely to prevent inventory builds in coming months, it would lead to stock reductions from the second half of 2020 onwards.



Brent barely moved: Despite the announcement of record production cuts, Brent rose merely by 1.6% on the day



Demand loss steeper than cuts: ~15 mmb/d cuts by OPEC+ and Others, might not be enough to offset the expected 19 mmb/d demand loss in April-May 2020



Significance of alliance: Could lead to greater stability in oil markets and geopolitical dynamics, in the long-term



US production cuts: on track for a market-driven production decline of 2-3 mmb/d in 2020

Note: The projections based on the assumption that COVID-19 is contained by Q2 2020 and demand recovers by Q3 2020. This in turn would drive a gradual recovery in oil prices by Q4 2020-Q1 2021

What happens to upstream investment cycle?

Just like the previous crash of 2014, the CAPEX will likely be subdued for next 2-3 years, until 2022, owing to the risk-averse approach by companies. E&P spending for US onshore will be the hardest hit for next 3 years.



VALUE EROSION UPSTREAM

>\$800 Bn

*Lost by top 25 oil companies
in 1Q 2020*

~14 mmb/d

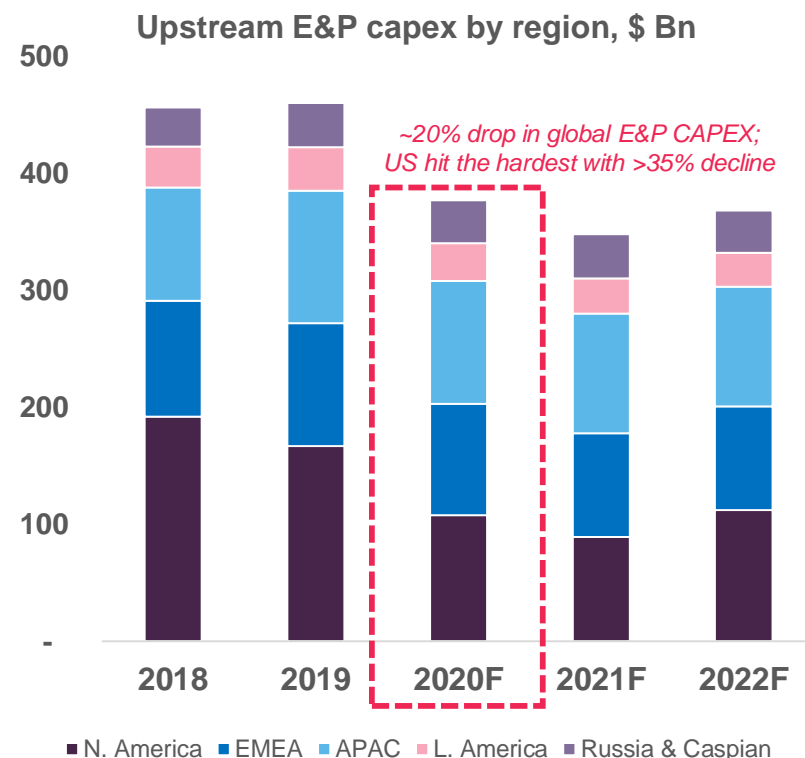
*Est. oil demand loss in Q2
2020*

~6,000

*Delayed horizontal wells
earlier planned for 2020*



IMPACT ON E&P SPEND



WHAT's NEXT?

- **Fiscal deficit:** Small OPEC nations face fiscal deficit in the near-term, assuming demand recovery in 2021
- **Big Oil:** IOCs to survive the crisis owing to their portfolio flexibility and financial muscle
- **US Independents:** Pure-play shale producers face plateaued production and high solvency risks
- **Growth CAPEX:** Subdued guidance at-least for next 2-3 years

Oil Field Services...once again in the 'survival mode'

Although OFS companies have reduced CAPEX and are optimizing their operations, they continue to face significant bankruptcy risk in case the E&P activity continues to be slow beyond 2020



PRESSURES FACED



USD 32 Bn

US OFS debt overdue during 2020-24



>200

OFS companies of Europe close to declaring bankruptcy



>1.0 Million

Job cuts expected in OFS industry in due to low project volumes



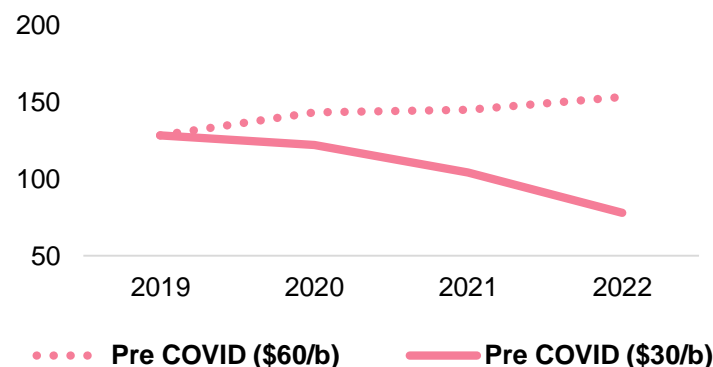
>30%

decline in 2020 E&P spending

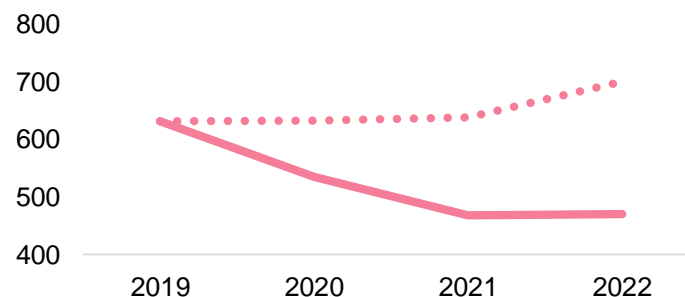


COVID IMPACT

FLOATER RIG DEMAND



OFS PURCHASES, \$ Bn

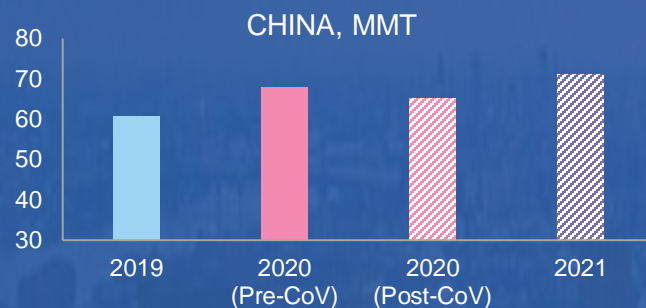


KEY CONSIDERATIONS

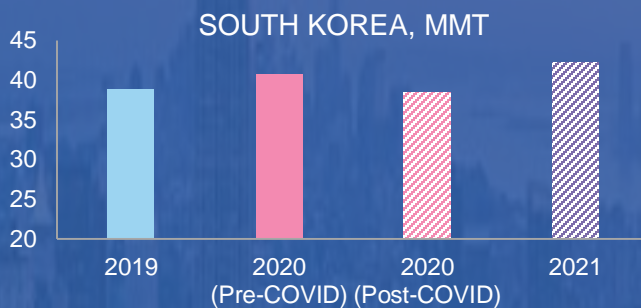
- **Project Delays:** Project sanctioning schedules are expected to face delays into 2021
- **Low drilling activity:** Largest reductions expected in the US as operators cancel drilling plans to secure cash.
- **Cost Reduction:** OFS companies have accelerated structural cost reductions
- **CAPEX:** Distressed companies idling equipment and lowering CAPEX commitments

LNG Demand...would there be a respite after COVID-19?

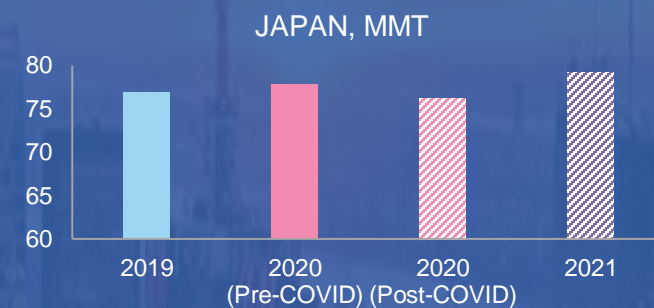
Amidst demand erosion and cargo deferrals, up to 8% of global LNG demand could be at risk (more than 25 MTPA, in the near term, while the low-price environment could last at least till Q2 2020)



Impact on Gas Demand (2020) ~3 MMT



Impact on LNG Demand (2020) ~2.2 MMT



Impact on LNG Demand (2020) ~1.1 MMT

PAIN-POINTS FOR LNG PRODUCERS



SHRINKING SPREAD

Spot and oil-indexed prices have fallen ~\$3.0 per mmbtu in Europe and Asia



DEMAND IMBALANCE

An already oversupplied LNG market is sapped further by demand loss from slow economic activity



GIANT PROJECTS

Fate of Giant LNG projects is undetermined due to high financial risk



CARGO DEFERRALS

Key Asian buyers deferring cargos due to high inventory levels and demand loss



ELUDING LONG-TERM CONTRACTS

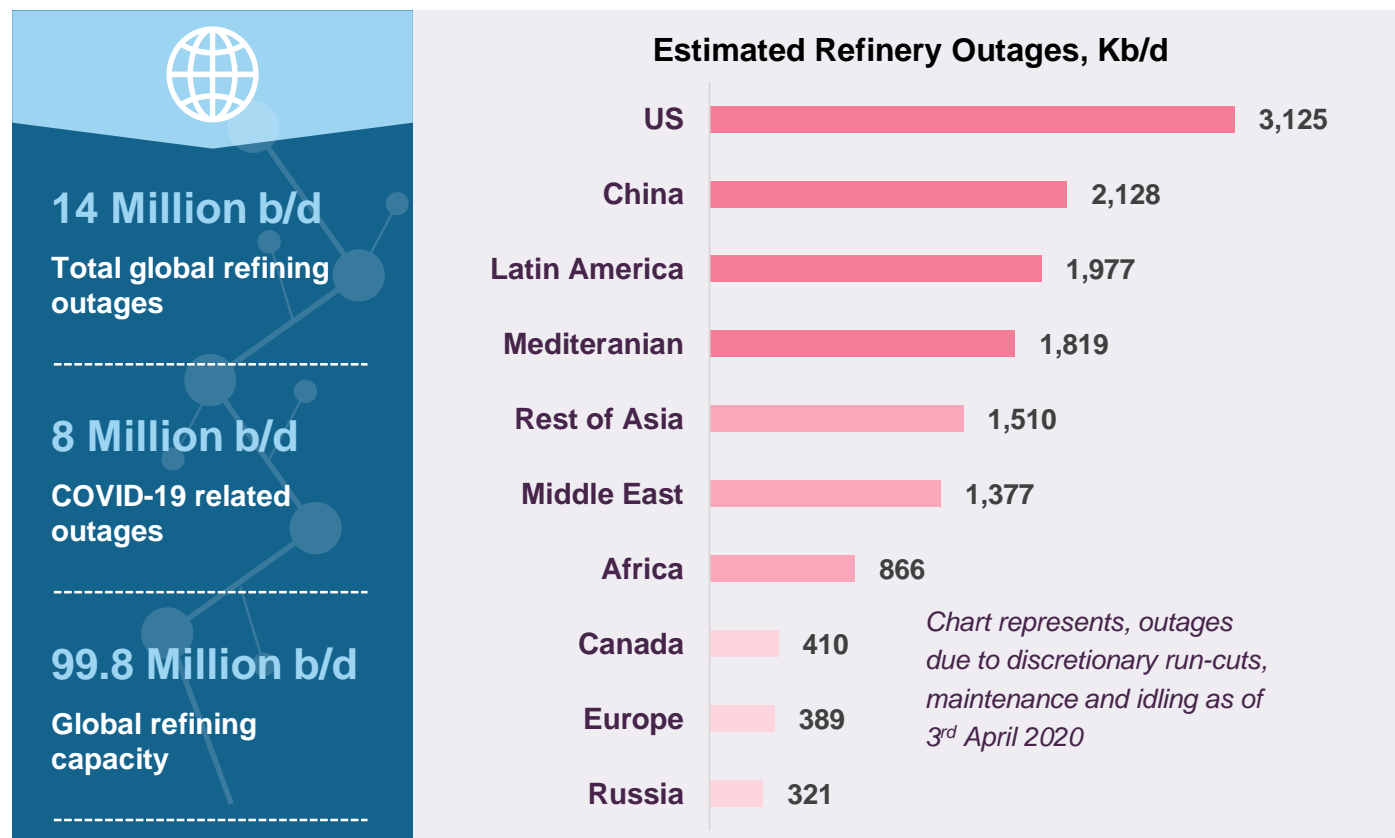
Buyer preference to rely on spot market rather than signing up to long-term offtake

Beyond the financial impact, development of future liquefaction projects stay at risk, because market volatility would deter investors and make it tricky to approve new projects, especially the large scale ones. This will particularly affect US independent developers, which need upfront customer commitments to secure project financing

Oil Refiners...it could get worse...

Amidst expectations that Q2 2020 would witness the worst demand loss than March 2020, its likely that oil refiners have to make deeper cuts in their refinery runs. However, the run cuts are unlikely to keep pace with plunging fuel margins.

The global refiners will continue to optimize their crude runs to balance production economics, at least till the end of Q3/Q4 2020. In the medium-term though, as demand recovers, refiners could benefit from the stockpiled low-cost crude for better margins.



KEY CONSIDERATIONS

Planned maintenance pushed back



- Fear of contagion of COVID-19 in plants from contractors brought in for work

US refiners to make deeper run cuts



- Increasing demand loss in the US
- The lack of export capacity also pressuring refiners to shut-down

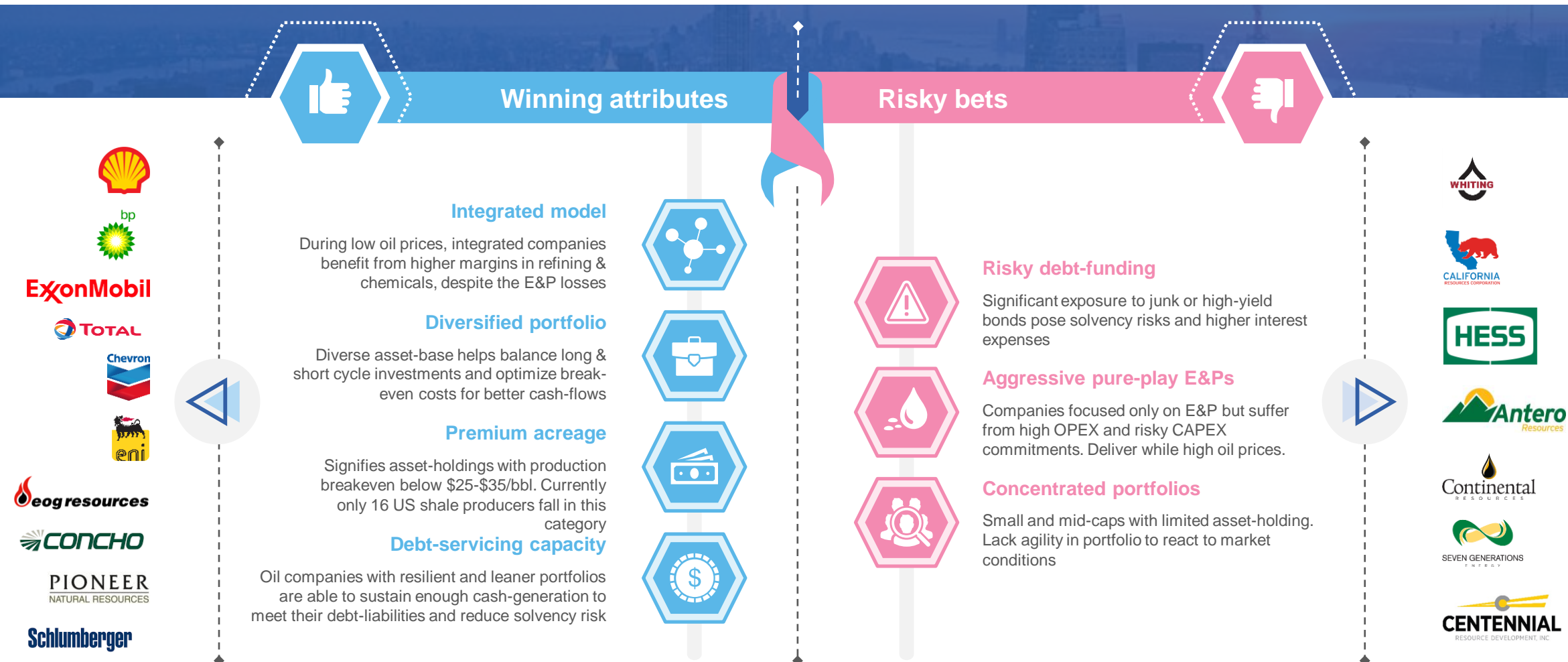
Case of China & India



- China registered refinery utilization rates ~70% in March 2020
- Major Indian refiners reduced throughputs by 25-30%

Who would survive the crisis ?

The COVID-19 crisis has tested the agility of global E&P portfolios and business models. In addition to big-oil, ones with integrated model, advantaged acreage and balanced portfolio are best placed to survive the crisis.



When are the oil markets likely to recover ?

The demand loss would weigh on oil prices during 2020, but OPEC+ compliance to production cuts, COVID containment by Q2/Q3 2020 and slow-down in the US production, could accelerate the recovery of oil markets during 2021-22.



EARLY CONTAINMENT OF COVID-19

Aggressive quarantines are expected to contain COVID by end of Q2'20 or beginning of Q3'20. This could help relieve demand-side pressures on oil markets by end of 2020



COMPLIANCE TO PRODUCTION CUTS

If the OPEC+ and other G20 comply with their committed production cuts for 2020, it would substantially reduce stocks from 2H 2020 onwards and help oil prices recover



DECLINE IN US PRODUCTION

Decline in US Shale production due to market-driven demand loss combined with – conservative CAPEX programs and inadequate debt-funding for Shale projects

BUSINESS CONCERNS FOR OIL COMPANIES

SHORT-TERM



Ultra-low oil prices <\$30/bbl

Dividend payouts

Delay in new project FIDs

Lack of growth CAPEX

Solvency issues and debt-servicing



MEDIUM-TERM

Likelihood of sustained oversupply

ROI pressures

Lack of funding for long-cycle projects

DEBT Repayment

Potential OPEC+ fall-out / Price war

Authors

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