### Tellurian Inc. Corporate presentation





### Cautionary statements

#### Forward looking statements

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## LNG critical to global decarbonization

Natural gas is a complementary low-carbon energy source to support global decarbonization Global markets structurally short LNG; abundant lowcost U.S. natural gas supply

Global LNG demand has grown 7% annually over last five years, with limited capacity additions on the horizon The integrated Tellurian model is the next innovation in U.S. LNG

Tellurian will be the first integrated global gas pure-play in the U.S.



### Tellurian executive summary

#### Tellurian announced 3.0 mtpa SPA with Gunvor Group<sup>(1)</sup>

- JKM/TTF netback price to U.S. Gulf Coast; 10-year definitive, binding agreement
- Gunvor is the largest independent global trader of LNG volumes
- Under this commercial framework, Phase I (16.6 mtpa) estimated to generate ~\$3.7 billion in annual EBITDA<sup>(2)</sup>

Tellurian corporate update: continuing to position for 1Q22 commerciality

- Announced 3.0 mtpa of definitive offtake today; currently negotiating SPAs with additional counterparties
- Tellurian is debt free as of 2Q21, ~\$58 million of cash on hand
- Tellurian re-started drilling program in 2Q21, supports corporate G&A and validates integrated model assumptions

#### LNG macro: carbon pricing & coal phaseouts placing a floor on global LNG prices

- EU carbon prices are up ~150% over the last year; coal + carbon is the new floor for European gas pricing
- JKM 2-year strip is up ~73% over the past year; a clear call on new supply with Asian demand growing 10% YTD
- Global net zero goals are leading to targeted coal phaseouts, supporting long-term gas demand

#### ESG is a core attribute of the Tellurian offering

- Upstream integration allows tracking and certification of LNG GHG emissions
- Tellurian's upstream operations use "green completion" technology to eliminate flaring and minimize methane leakage
- RSG: Tellurian is examining several initiatives that would certify produced natural gas as "responsibly sourced"

Sources: Kpler, ICE via Marketview

Notes: (1) Gunvor Singapore PTE Ltd.

(2) Assumes gas supply cost of \$2.50/mmBtu, JKM pricing of \$8.50/mmBtu with \$1.75 mmBtu netback to U.S. Gulf Coast, and TTF pricing of \$7.50/mmBtu with netback of \$0.75 mmBtu to U.S. Gulf Coast

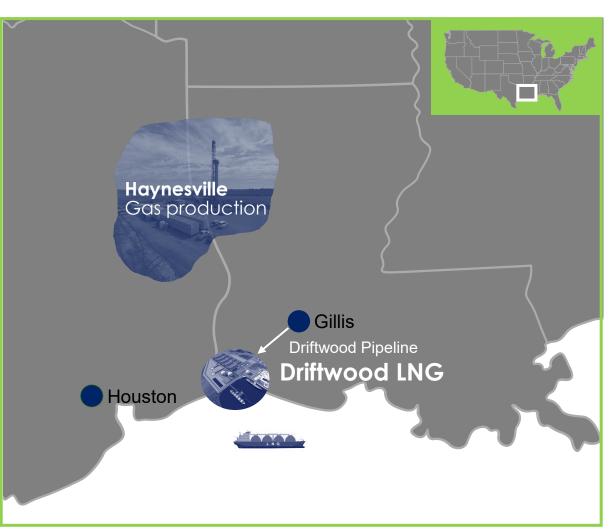


## The integrated Tellurian model is the next innovation in U.S. LNG



### Tellurian: fully integrated, pure-play LNG

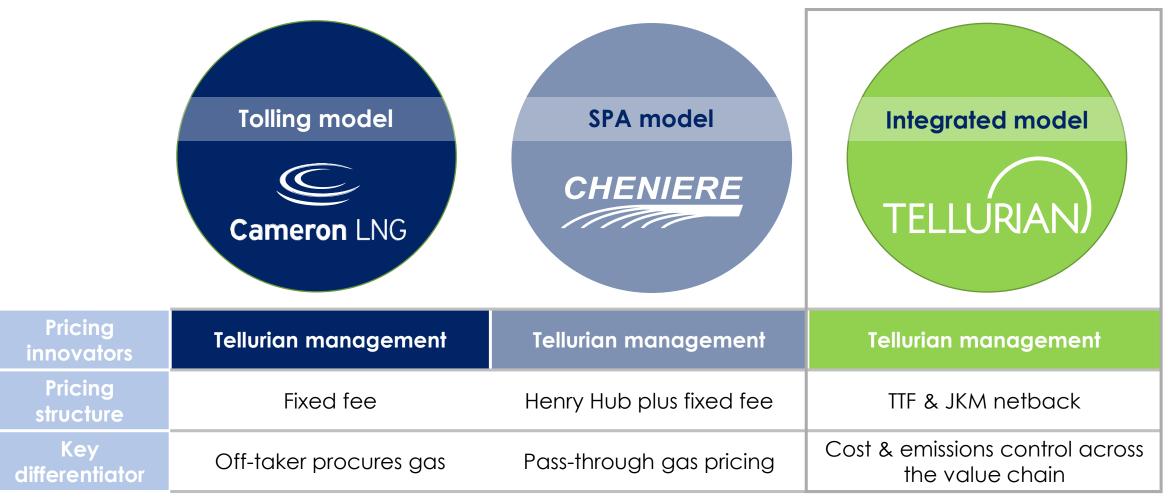
- Low-cost, integrated business model: upstream gas production in Haynesville Basin, Driftwood pipeline and LNG terminal in SW Louisiana
- Pure-play, global gas producer: monetizing U.S. domestic gas production into premium global gas markets, integration provides cost certainty of supply
- Bechtel EPC execution: best in-class LNG execution; lump sum turnkey with ~30% of project engineering complete
- All critical permits secured: all FERC and DOE permits secured for Driftwood LNG terminal and pipeline
- Proven management track record: Tellurian team has originated and executed ~75% of U.S. LNG capacity development and ~18% of global LNG capacity development across four continents
- Critical role in energy transition: significant ESG benefits and end-to-end emissions control from owning upstream





### Tellurian management: U.S. LNG pioneers

Tellurian management team responsible for developing ~75% of current U.S. LNG capacity





### Netback pricing: the next evolution in U.S. LNG







#### Offtake

- JKM/TTF netback pricing to U.S. Gulf Coast
- 10-year SPAs
- Destination market pricing, with optionality to Europe and Asia, attractive to broad set of global buyers

#### Value to Tellurian

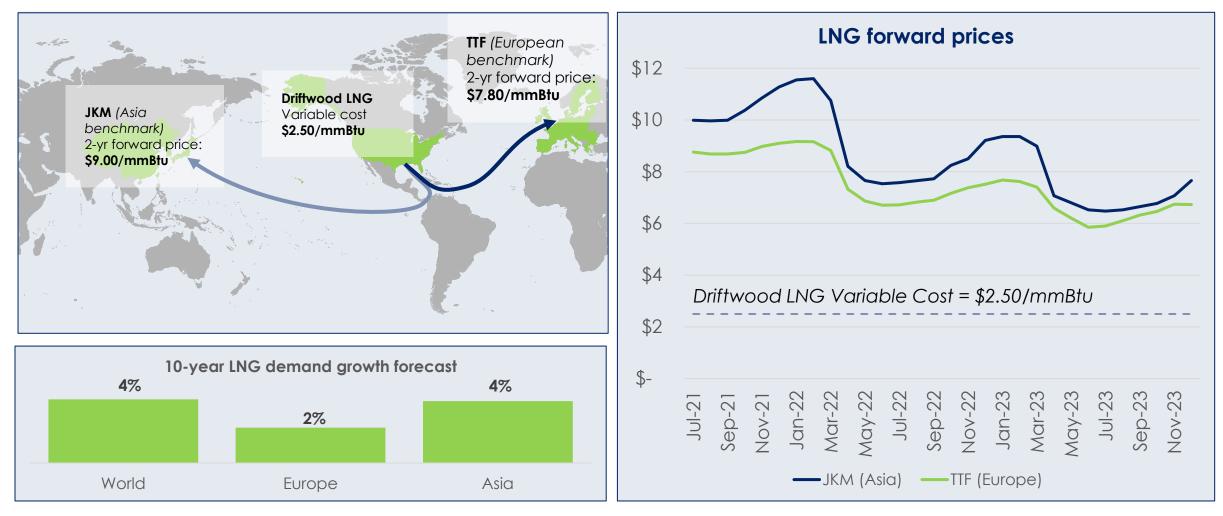
- 3.0 mtpa SPA = \$663 million annual EBITDA<sup>(1)</sup>
  - 10-year SPA = \$6.6 billion total EBITDA
- 3-plant (16.6 *mtpa*) = \$3.7 billion annual EBITDA
- 5-plant (27.6 mtpa) = \$6.1 billion annual EBITDA

Note: (1) Assumes gas supply cost of \$2.50/mmBtu, JKM pricing of \$8.50/mmBtu with \$1.75 mmBtu netback to U.S. Gulf Coast, and TTF pricing of \$7.50/mmBtu with netback of \$0.75 mmBtu to U.S. Gulf Coast



### Low-cost U.S. supply provides global gas arbitrage

Selling into premium global gas market generates up to \$4-\$5/mmBtu margin at current forward prices



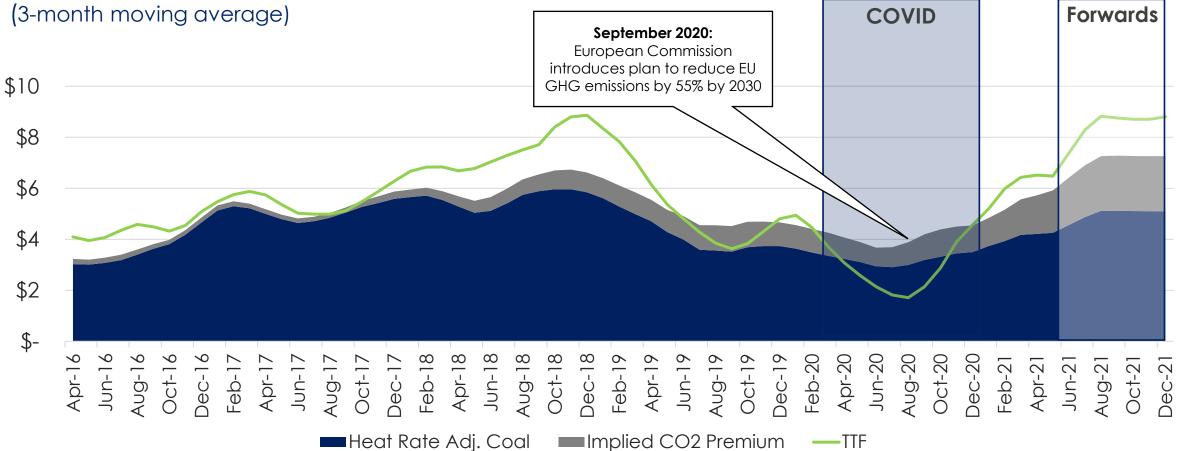
Source: Wood Mackenzie and ICE data via Marketview.



### Carbon prices supporting EU gas prices

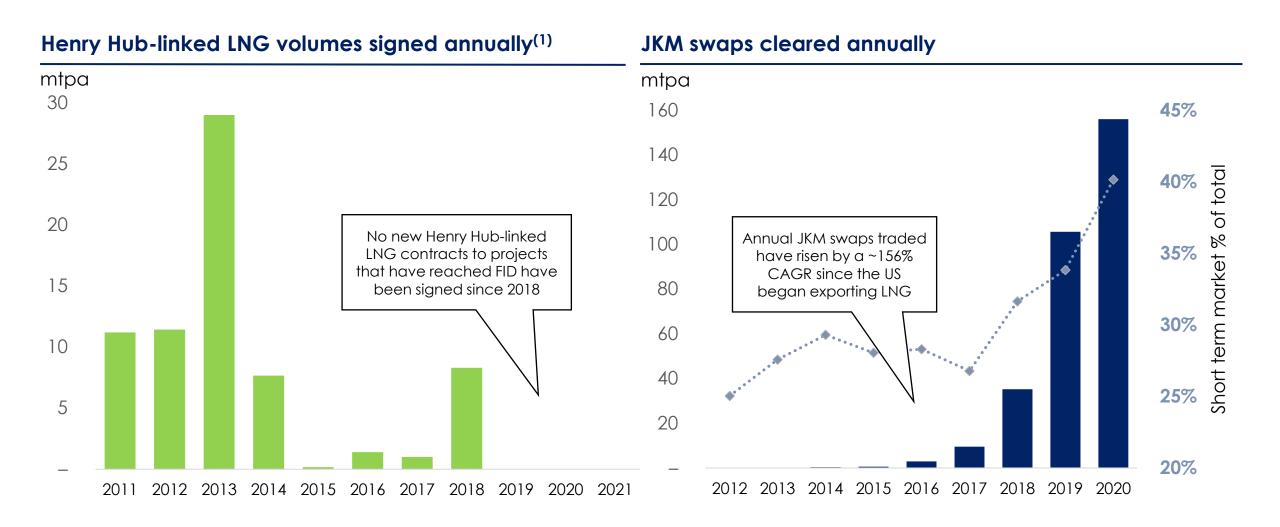
Higher carbon prices support higher natural gas demand in the power sector, lifting TTF prices in Europe

#### TTF vs. ARA Coal + CO<sub>2</sub> Premium





### Henry Hub-linked contracts stagnant, JKM rising



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### Haynesville Basin: primed for consolidation

Driftwood LNG Phase I feedgas requires ~3% of total resource and ~20% of current production from Haynesville

#### **Basin overview**

- World-class resource base, with estimated ~304 TCF of natural gas resource in place
- Resurgence in activity and productivity since 2017
  - Production increased from ~6 bcf/d in 2017 to ~12 bcf/d currently
  - Top 10 Haynesville operators produce ~7.6 bcf/d in gross operated production
- 47 active drilling rigs
- Decades of running room for development at current robust activity pace
  - Consolidation can improve well economics through cost deflation

Haynesville operators<sup>(1)</sup>



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Source: Baker Hughes North America Rig Count 5/21/21, Enverus, public disclosure. Note: (1) Includes operator subsidiaries within public companies (XTO/ExxonMobil, BPX Energy/BP, Rockcliff Energy/Osaka Gas).

### Integration delivers climate advantages

#### Upstream

#### **Driftwood pipeline**

- ✓ Use "green completion" technology to eliminate flaring and minimize methane leakage
- Perform LDAR surveys utilizing optical gas imaging to allow identification and repair of leaks



- Use the latest equipment, technology and monitoring systems that have been engineered with emission reductions
- ✓ Joined INGAA, a leader in the effort to modernize gas delivery infrastructure with a goal of reducing emissions

#### **Driftwood LNG**



- Designed and will be operated to be a near-zero hydrocarbon or methane emission facility
- ✓ Emphasis on welded pipes and minimization of flanged connections
- ✓ Heavily instrumented to detect hydrocarbon leaks

Tellurian's integrated strategy enables the company to **measure** and **control** emissions across the LNG value chain, thereby **reducing** CO<sub>2</sub>e emissions below U.S. national averages



### Driftwood LNG progress & catalyst roadmap

#### Pre-FID work (shovel-ready)

#### Premier site

Fully-wrapped EPC contract

Major permits secured

#### **Commercialization & financing**

Secure offtake

Site prep & pre-EPC civil construction Financing Gas sourcing

#### FID

Issue notice to proceed to Bechtel for EPC construction



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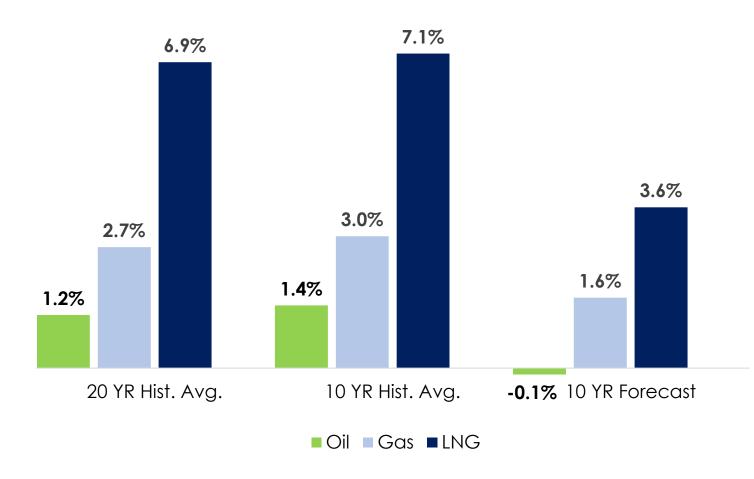


### Low-cost U.S. natural gas critical in supplying global LNG demand growth



### Gas and LNG fastest growing fuels

#### Annual increase in oil, gas and LNG consumption



- Gas demand is growing at 2x the rate of crude demand growth
- LNG demand is growing at 5x the rate of crude demand growth
- Headwinds to oil are tailwinds to natural gas – higher EV penetration increases the call on firm power supply
- Gas as a transport fuel favored in SE Asia for environmental and economic reasons

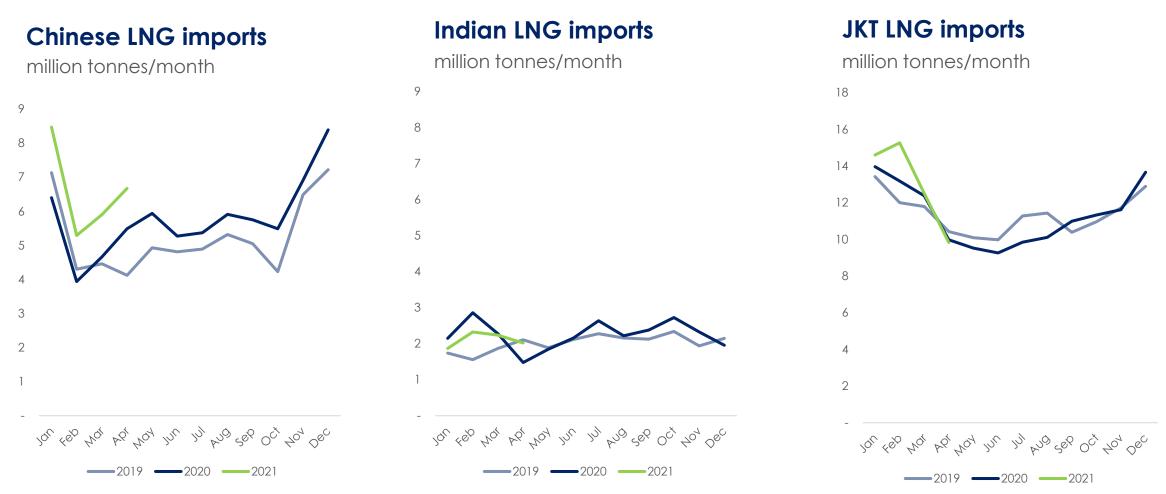
## Structural factors driving LNG demand

Region		YTD growth	Comments
China	-	+29%	Improved gas infrastructure penetration increases demand. Increased industrial demand from economic recovery & heating demand from consumers.
India	-	(3.5)%	Government policy to support natural gas to tackle pollution issues and energy poverty; vision for 15% of total primary energy consumption to come from natural gas by 2030, up from just 6.5% now.
Europe		(24)%	Increased reliance on imported gas due to domestic declines. Higher carbon prices and climate action urgency boost demand.
SE Asia		2.3%	Fastest growing region for power demand at 5.4% in 2021. Limited private-sector financing for new coal projects makes LNG attractive as a baseload fuel.



### Asian LNG demand up 10% this year

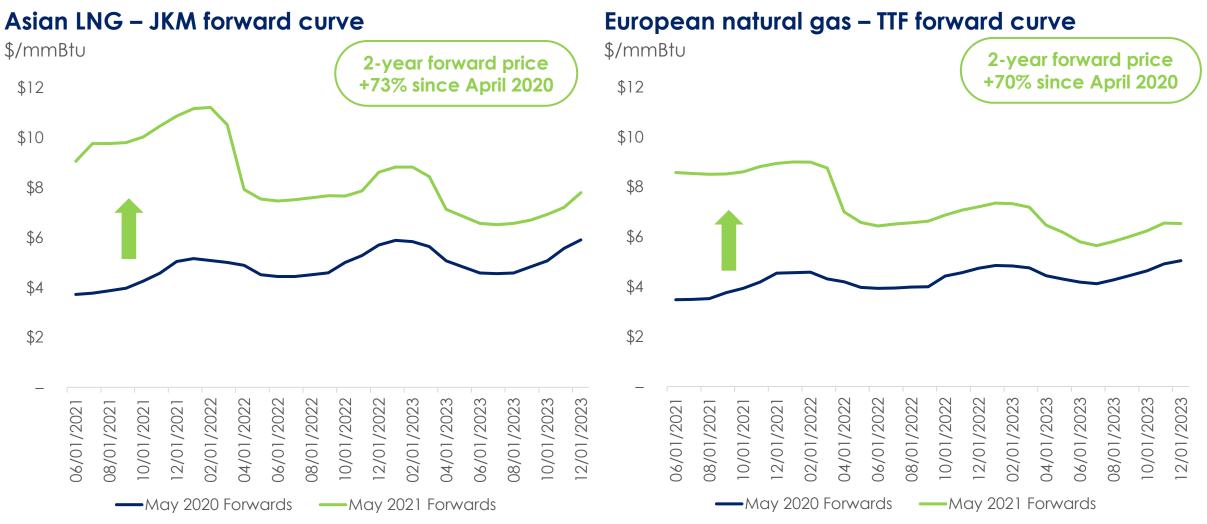
China/JKT (Japan-Korea-Taiwan) LNG imports up 29%/5%, respectively, through April and Indian imports fell due to higher spot prices



Source: Kpler.

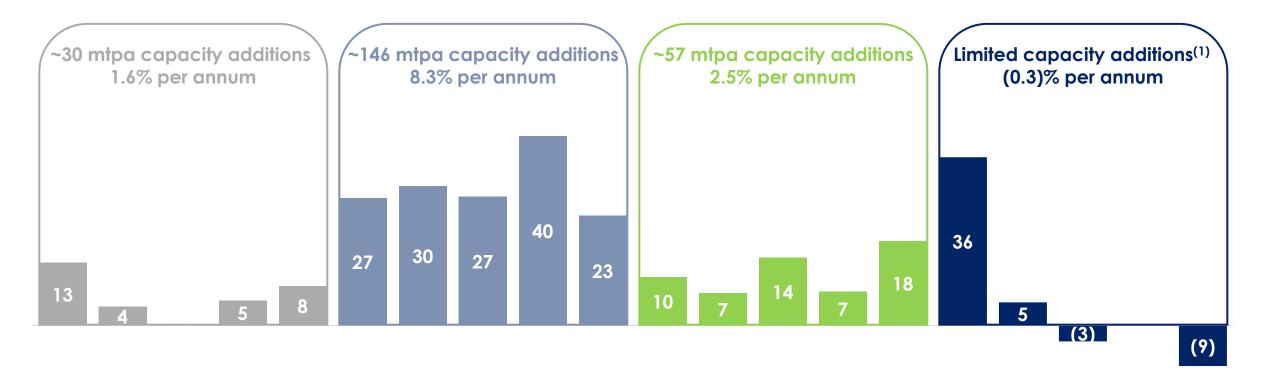


### Forward natural gas prices rise globally



### Lack of LNG investment = widening price

#### Global liquefaction capacity additions (mtpa)



201 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2030 2012 2013 2027 2028 2029 JKM annual average:

\$14.04 \$15.12 \$16.54 \$13.85 \$7.45 \$5.73 \$7.13 \$9.74 \$5.49 \$4.38

### New LNG capacity required



Existing

### Range of third-party demand scenarios

Growth rate <sup>(1)</sup>	Capacity required by 2035 <sup>(2)</sup>	
<b>High:</b> 4.1% p.a.	280 mtpa	
<b>Low:</b> 3.3% p.a.	200 mtpa	

Source: IHS, Wood Mackenzie, BP World Energy Outlook Rapid Transition Scenario.

Notes: (1) Growth rate from base year 2020.

(2) Assumes growth rate since 2020 and 85.5% utilization rate of new capacity (based on average utilization from 2015-2019).

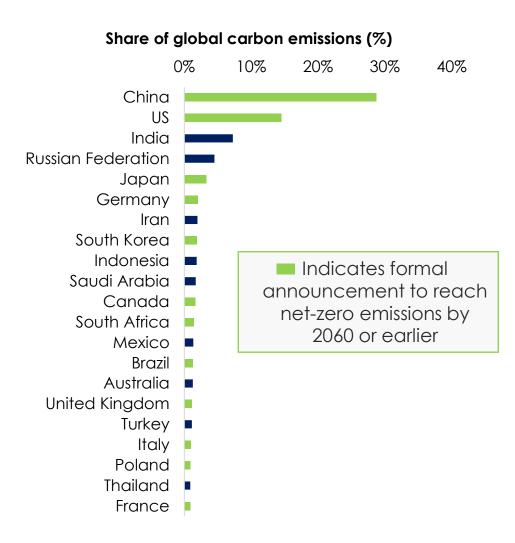
Range



# LNG critical to global decarbonization



### Net zero targets favor natural gas



#### ~80% of global LNG demand represented below:

- Pledged net-zero by 2060, with peak emissions prior to 2030
- Pledged net-zero by 2050 with targeted coal phase out during the 2030s
- \* \* \* \* \* \* \*



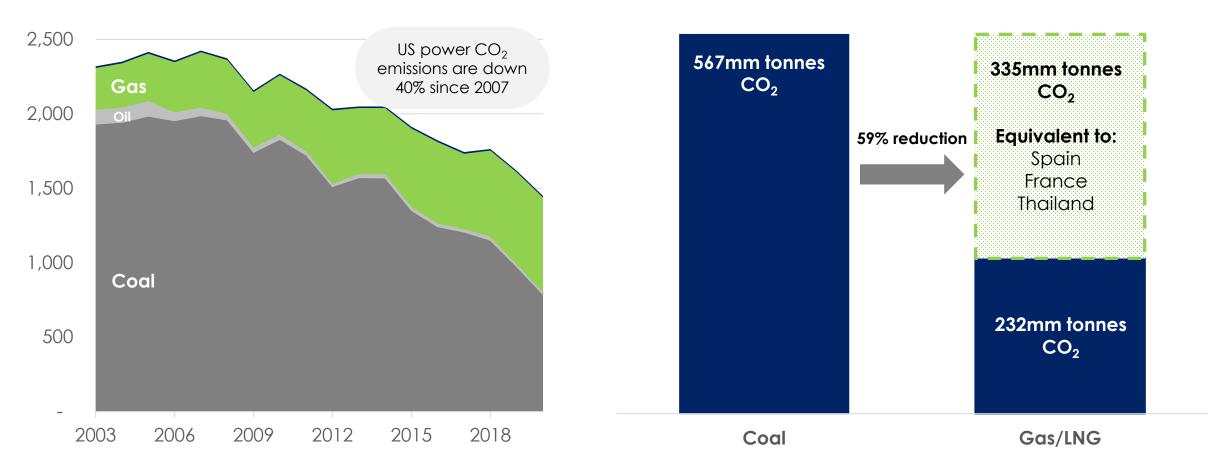
- Pledged net-zero by 2050 with targeted coal phase out during the 2030s
- Pledged net-zero by 2050 with goal of reducing emissions to at least 55% of 1990 levels by 2030
  - Pledged net-zero by 2050 with goal of reducing emissions by 68% of 1990 levels by 2030



### Carbon reduction: the U.S. template works

US power industry has avoided 800mtpa of CO<sub>2</sub> in US

US LNG exports avoid 335mtpa of CO<sub>2</sub> globally

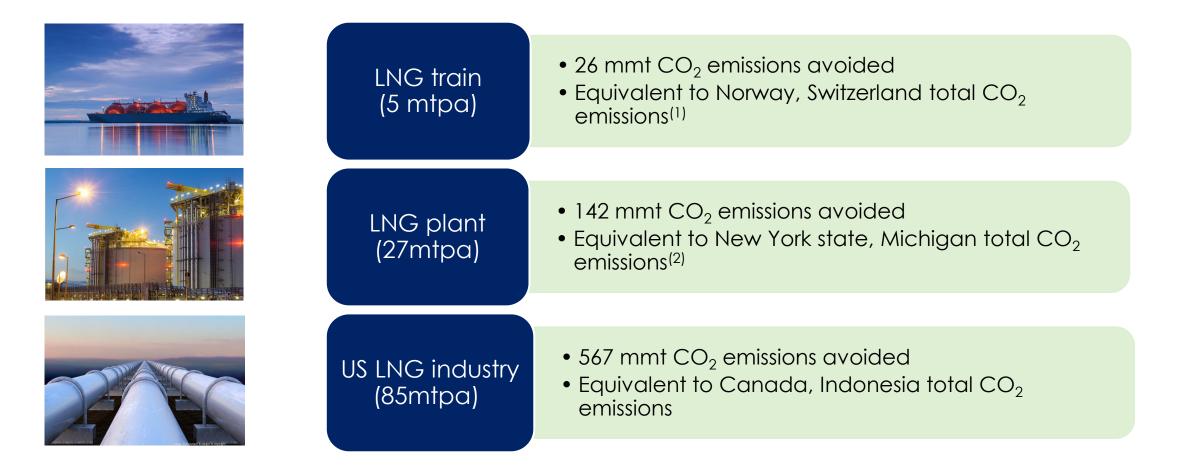




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### Carbon reduction is exportable

US LNG displaces significant CO<sub>2</sub> versus coal power equivalent





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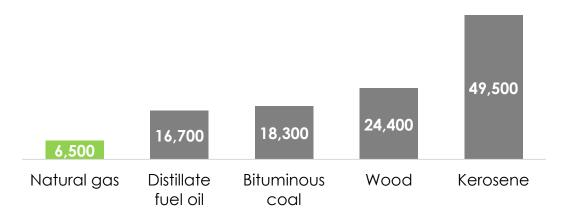
### Air quality improvements with LNG imports

Natural gas produces 64% less air particulate matter than does coal and 73% less than does wood biomass

- Improving air quality is a vital initiative for industrializing nations
  - 2.9 mm premature deaths in China and India attributable to air pollution<sup>(1)</sup>
  - China's decision to cut fossil fuel emissions since 2015 has saved 1.5 mm lives<sup>(2)</sup>

#### Particulate matter emissions by fuel type<sup>(4)</sup>

lbs/bcf equivalent



- Gasifying the energy mix is the fastest way to reduce particulate matter emissions
- LNG exports help nations meet UN Sustainable Development Goals 3, 7, 11, and  $13^{(3)}$





(1) The Lancet, Volume 4, Issue 9, September 2020. Source

(2) Harvard University School of Engineering & Applied Science, February 2021 (3) World Health Organization (WHO).

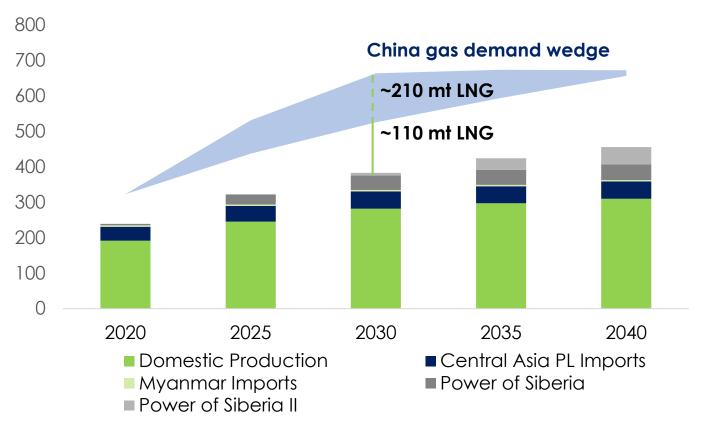
(4) "Estimating Particulate Matter Emissions for eGRID" July 2020



### China decarbonization requires natural gas

Even with 2 major Russian pipelines and growing domestic output, LNG imports could reach over 200 mtpa

#### China's natural gas supply vs. demand (Bcm)



- Targeting net-zero emissions by 2060
- Pledged to reach peak emissions prior to 2030
- Natural gas is required to reduce emissions while accommodating growing energy consumption
- Demand upside aligns with government target of 15% for gas' share in energy mix

## Appendix: Driftwood LNG details



### Unmatched LNG development experience

Tellurian's management team has >80 years of combined LNG development experience globally



Charif Souki
Executive Chairman of the Board
Co-founder of Tellurian
Founded Cheniere in 1996, Chairman and CEO until 2015



Martin Houston
Vice Chairman
Co-founder of Tellurian
32 years at BG Group, retired as COO in 2014



#### Octávio Simões

President & CEO
Joined Tellurian in 2019 after 20 years at Sempra
President & CEO of Sempra LNG & Midstream



Keith Teague
EVP & COO
CEO of Driftwood Holdings
EVP – Asset Group at Cheniere



Tellurian management responsible for ~18% of the LNG in production today



Tellurian management has delivered costleading LNG projects for >35 years



### Driftwood LNG's ideal site for exports

 $\checkmark$ 

Access to pipeline infrastructure

Access to power and water

Support from local communities



Insulation from surge, wind and local populations

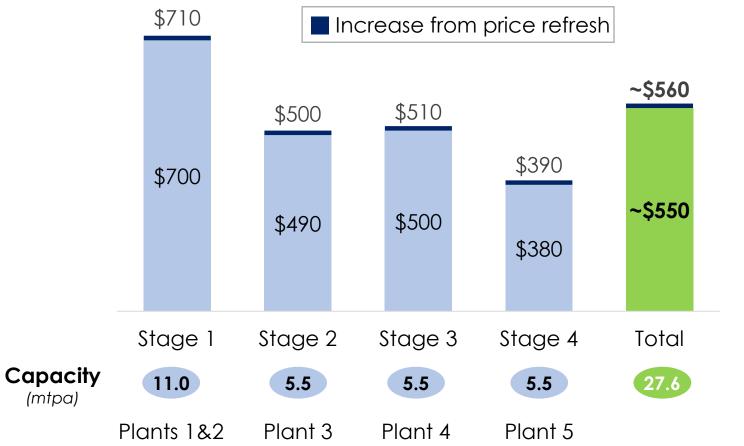
Berth over 45' depth with access to high seas



**EPC** contract signed Shovel ready project

### Bechtel LSTK secures project execution

#### Driftwood EPC contract costs (\$ per tonne)





- Leading LNG EPC contractor
  - 44 LNG trains delivered to 18 customers in 9 countries
  - ~30% of global LNG liquefaction capacity (>125 mtpa)
- Tellurian and Bechtel relationship
  - 16 trains<sup>(1)</sup> delivered with Tellurian's executive team
  - Invested \$50 million in Tellurian Inc.
- Price refresh in April 2019 resulted in ~2% increase after ~24 months

TELLURIAN

Source: Tellurian-Bechtel agreements; Bechtel website.

Note: (1) Includes all trains from Sabine Pass LNG, Corpus Christi LNG, Atlantic LNG, QCLNG and ELNG.



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