

Shell LNG Outlook 2022

Natural gas plays a significant role in progressing net-zero emissions ambitions

88%

In 2021, **88% of global emissions** were covered by countries which have **net-zero ambitions**

India and China set 2030 emissions targets

2030

30% of new ship orders are for LNG-fueled vessels*

30%= LNG-fueled

* In gross tonnage

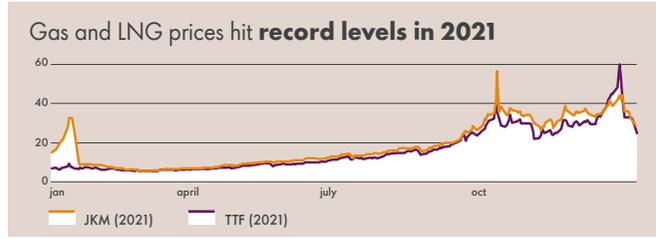
OVER 75%

LNG is expected to meet over **75% of Asia's incremental gas demand by 2040**

Switching just 20% of coal-fired power to gas in Asia can potentially save 680MT of CO₂ emissions every year

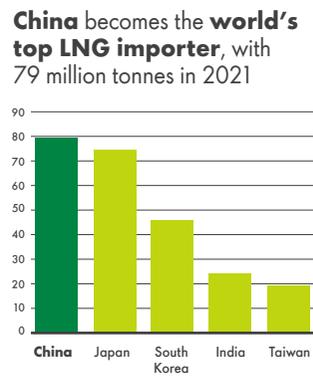
CO₂ EMISSIONS 680 MTPA

2021 showed fragility and interdependence of the energy system



US led export growth with an increase of 24 million tonnes

24 MLN TONNES



LNG demand in Brazil tripled to support hydropower generation

3x

Extended winter, economic rebound and gas supply constraints kept European gas storage at historical lows

Global LNG trade hits 380 million tonnes, an increase of 21 million tonnes compared to 2020

21 MT **380 MT**

Energy security, emissions and economic growth in Asia to drive future LNG demand

Global LNG demand expected to cross 700 million tonnes by 2040

2021 **2040**

Asia is expected to absorb nearly 70% of LNG demand growth through to 2040 ~70%

2022 **2040**

China signs over 20 MTPA in term contracts

Global LNG market expected to be tight in the near term

Spot trade holds steady at around 31% of the total global LNG market

31

