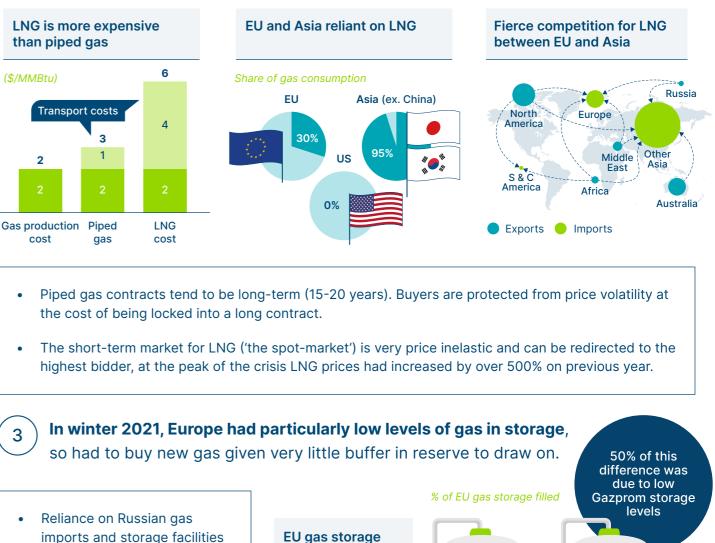


EVENI	IMPACT
Cold northern hemisphere winter in early 2	Depleted European fossil gas storage levels to 33% below the four-year average during Summer 2021
Increased demand and willingness to pay h prices in Asia and South America in early 20	
Global demand for gas increased as COVID restrictions were lifted	Boosted global demand by 5% in 2021, which although significant was less than recent historical increases
Limited Liquified Natural Gas (LNG) available planned (e.g. Norway) and unplanned (e.g. N	
Lowest amount of wind for 60 years across of Europe, and low hydro year in US, China a	
European phase out of coal, and structural nuclear power has placed emphasis on gas	
Russia prioritised domestic storage injection ahead of additional exports to Europe	ns While contractual obligations were met, gas imports from Russia to EU lower than expected across 2021

## Why is Europe so exposed to gas price increases?

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Europe and Asia are both reliant on shipborne Liquified Natural Gas, which is more expensive than piped gas.



- imports and storage facilities has grown as European production of gas declined.
- From Jan 2021 Russia reduced exports to Europe which left EU storage facilities at historically low levels going into the winter period.

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levels were 30% below average at the beginning of the 2021 heating season

Across 2021 Europe experienced lower than average wind output due to low wind speeds, with average annual output falling 10% in 2021.

Energy Transitions Commission - May 2022 - Sources available in supporting documentation



Over the past decade Europe pushed for gas contract liberalisation to enable frequent price negotiation and access to low-cost LNG. Whilst beneficial pre-crisis, the shift away from long-term contracts has left Europe vulnerable to price spikes.

