

The natural gas crisis has highlighted the obstacles on the road to green energy transition. Discuss.

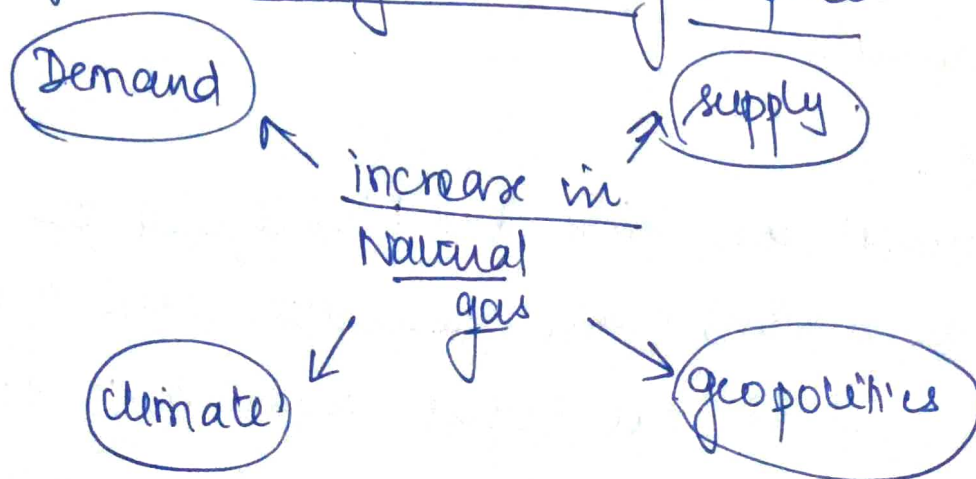
→ the globe is well interconnected and integrated that the effect of one crisis has a rippling effect over other factors around the world.

→ the natural gas sector has seen a hike in prices and this is a result of various global factors and thereby highlighted the obstacles towards green energy transition.

Crisis impact on green energy transition

→ Natural gas is a cleaner/green gas. The price hike of a greener gas will lead to people's demand shift towards ~~non~~ fossil fuel production that would run counter to the efforts made to tackle climate change.

Reason for increase of natural gas prices.



→ Climate :- Cold waves at Texas, froze the gas well and throttled the export of the LNG of the United States.

→ Geopolitics :- Nord Stream 2 gas pipeline from Russia to Germany faces opposition from the United States and hence its operationalisation is not approved by the EU.

→ Demand and supply :- The world recently faced a global pandemic and the economic recovery of the pandemic demands huge energy availability but the supply is affected either due to underperforming nuclear reactors like that in Europe or unfavourable climatic conditions like that in North Sea.

Hence to solve these issues we can

- i) Improve infrastructure of solar & wind energy plants
- ii) Increase investments in battery and storage technology.
- iii) Improve energy efficiency and intensify demand conservation

Way forward

→ The natural gas crisis has highlighted the bumpy road towards achieving green transition and these issues must be discussed in the COP26, where they look forward to discuss climate crises and address ~~towards~~ some solutions.