

HOW EUROPE CAN WEAN ITSELF OFF RUSSIAN GAS?

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The war between Russia and Ukraine has made Europe rethink how it has to keep its lights on and its industries powered. To stop being a helper in financing Russia in the war measures that would have sounded irrelevant earlier — burning more coal or scaling-up government intervention in energy markets — are now needed utmost. The crisis which has occurred as a consequence of the ongoing war has shown just how dependent Europe is reliant to Russia. It is contingent on Russia for Russian

natural gas, oil, coal, and even nuclear fuel. But it's not so easy task for Europe as it must prepare itself for the scenario where Russia might cut off the continent's gas supply. To fortify itself, Europe should be handed in hands with the United States, Canada, and other major energy producers in the trans-Atlantic pact to persuade it as its energy alternative. It will take most of the decade for the continent to halt itself from more than 40 percent of its gas imports.



So far, Europe has taken its first steps to minimize its dependency on Russian gas. It can replace about 55% of the exported gas on the supply side, with liquefied natural gas. On account of the demand side, businesses and households can cut off the gas demand by 10-15% in 2022 without keeping the production down or convenient measures. Increasing domestic gas production by 14bcm from Norway, the Netherlands and the UK might help along with increased pipeline flows from the non-Russian sources by 4bcm, which is somehow good.



10 things the EU can do to wean itself off Russian gas

- 1.No new contracts*
- 2.Find new sources*
- 3.Impose minimum gas storage*
- 4.Accelerate the green transition*
- 5.Maximize other low-carbon sources*
- 6.Keep energy prices down*
- 7.Install more heat pumps*
- 8.Speed up other energy-efficiency retrofits*
- 9.Turn down the heat*
- 10.Diversify power system flexibility*

