



The war in Ukraine

The effects on supplying energy to Italy and Finland

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01 EUROPE

02 THE EFFECTS IN FINLAND

03 THE EFFECTS IN ITALY

04 SANCTIONS AGAINST RUSSIA



The European Union has banned all EU countries from buying and importing energy from Russia.

The effects in Finland

- Because of the ban of importing energy from Russia, Finland has to buy expensive energy from other countries.
- This is why energy is highly priced.
- Many households in Finland have decided to use stock market energy to save some money.
- To compensate the lack of energy, Finland tries to produce more of its own energy.
- Nuclear energy is how most of Finland's energy is produced.



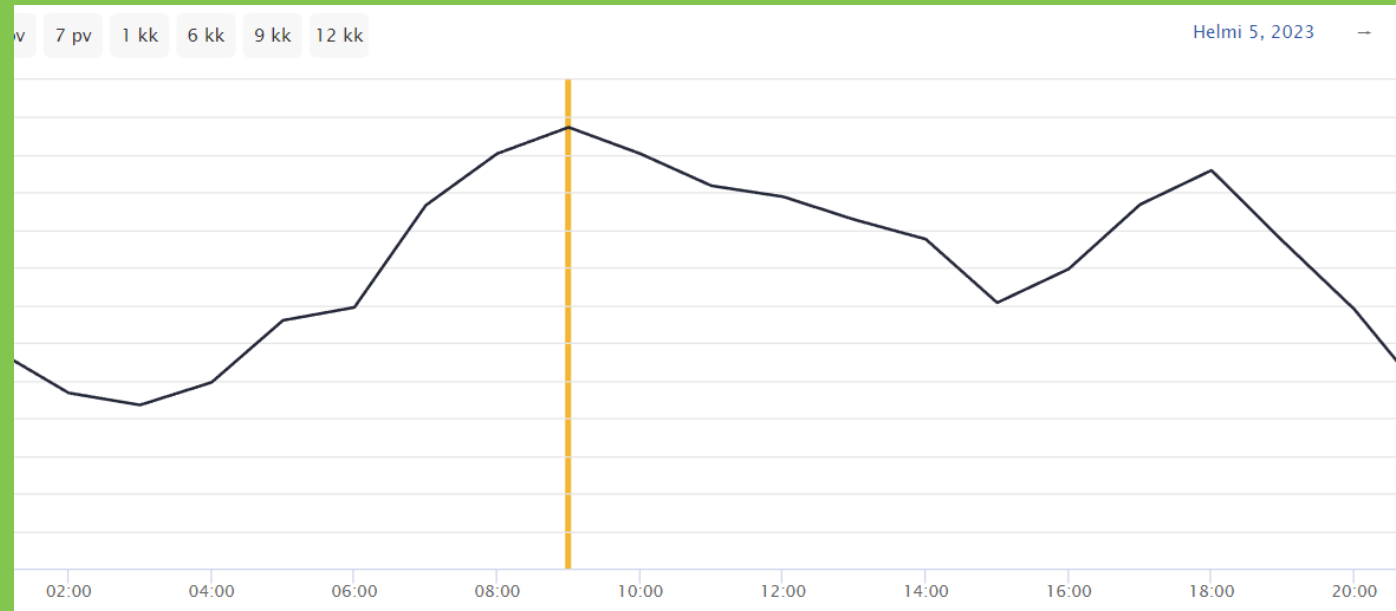
GWh	joulukuu	
	2021	2022
KOKONAISTUOTANTO	7529	7332
voimal. omakäyttö	287	280
TUOTANTO	7242	7051
vesivoima	1252	953
tuulivoima	954	1339
aurinkovoima	1	1
ydinvoima	2080	2188
lämpövoima	2955	2571
yhteistuotanto	2502	2041
teollisuus	772	715
kaukolämpö	1730	1326
erillistuotanto	454	530
TUONTI	2405	1133
Ruotsista	1356	1087
Virosta	3	7
Norjasta	29	40
Venäjältä	1018	0
HANKINTA	9648	8185
VIENTI	485	490
Ruotsiin	0	9
Viroon	483	481
Norjaan	2	0
Venäjälle	0	0
KULUTUS	9163	7695

Graphs

Stockamrket's

IMPORTATION

EXPORTATION



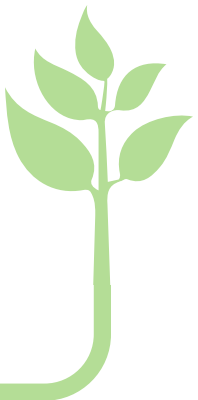
Simple Presentation

Effects in Italy

01 Price increase of oil and petrol

02 Difficulty in finding raw materials

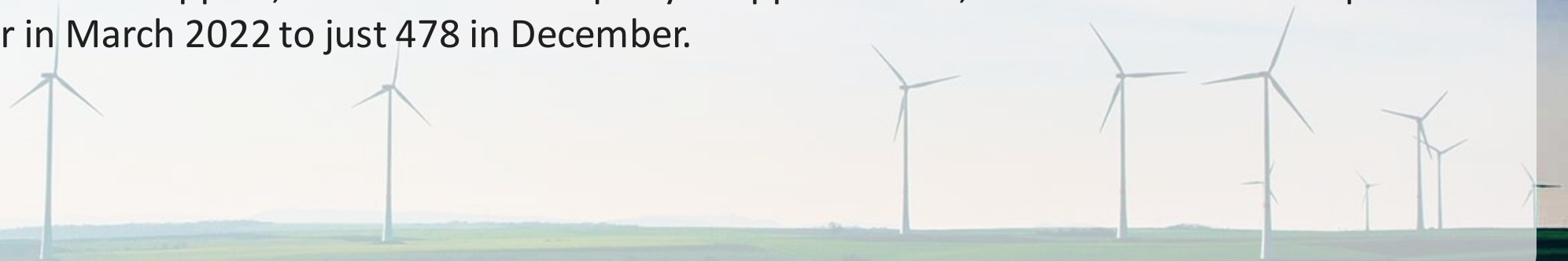
03 EU sanctions

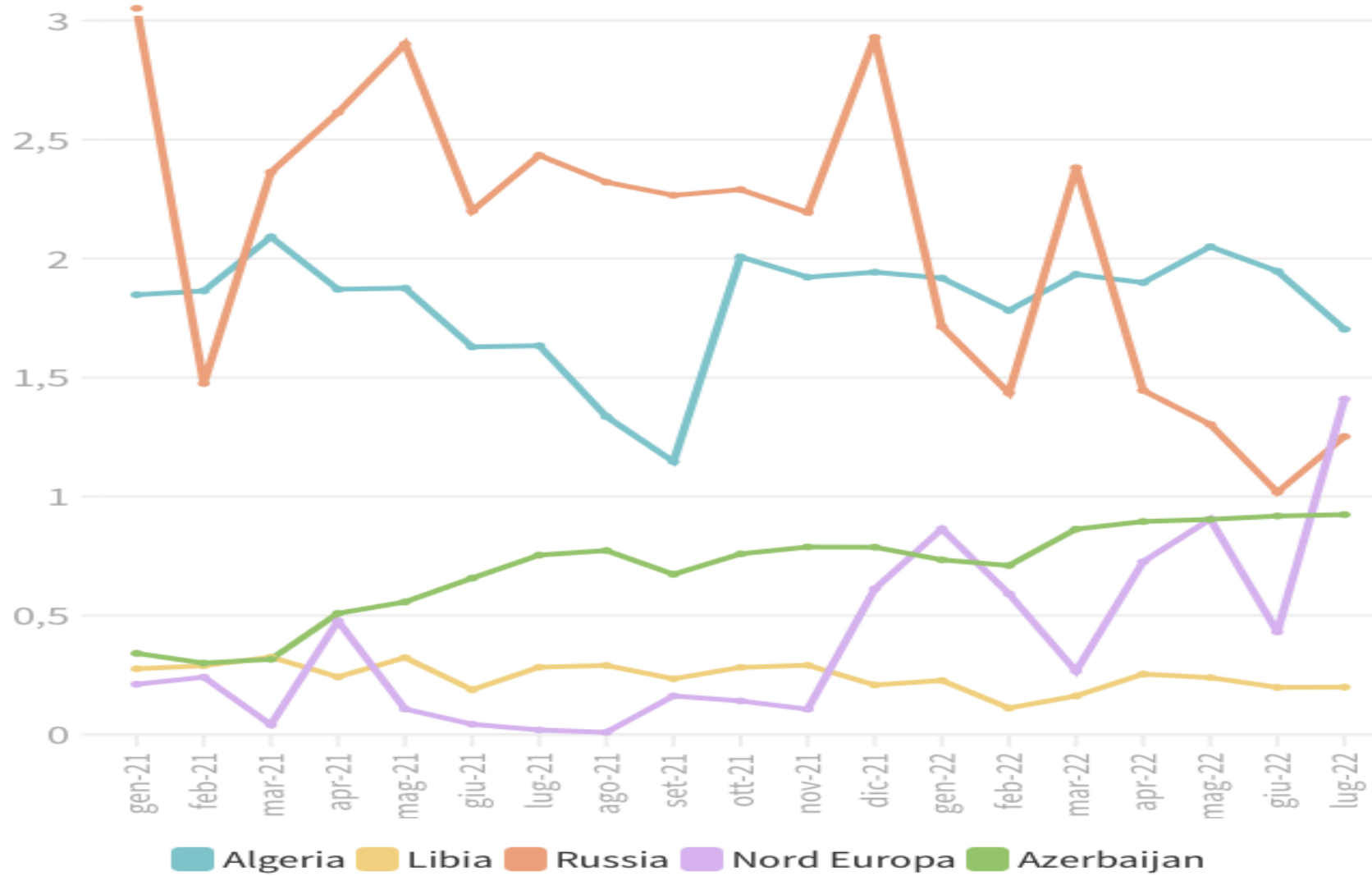


Price increase of oil and petrol

Two of the biggest economic problems that Italy had to face in last months have been inflation, which reached 9% at the end of 2022, and the energy crisis.

The war has forced Italy to change its energy supplies: compared to twelve months ago today Algeria is our main supplier, while Russia has quickly dropped from 2,023 million standards per cubic meter in March 2022 to just 478 in December.





Price increase of oil and petrol

How does the price work?

The price depends on supply/demand.

Furthermore, speculation acts on the price of gas.

Are there expected to be lacks?

The price increases, because the asset seems to become more precious.

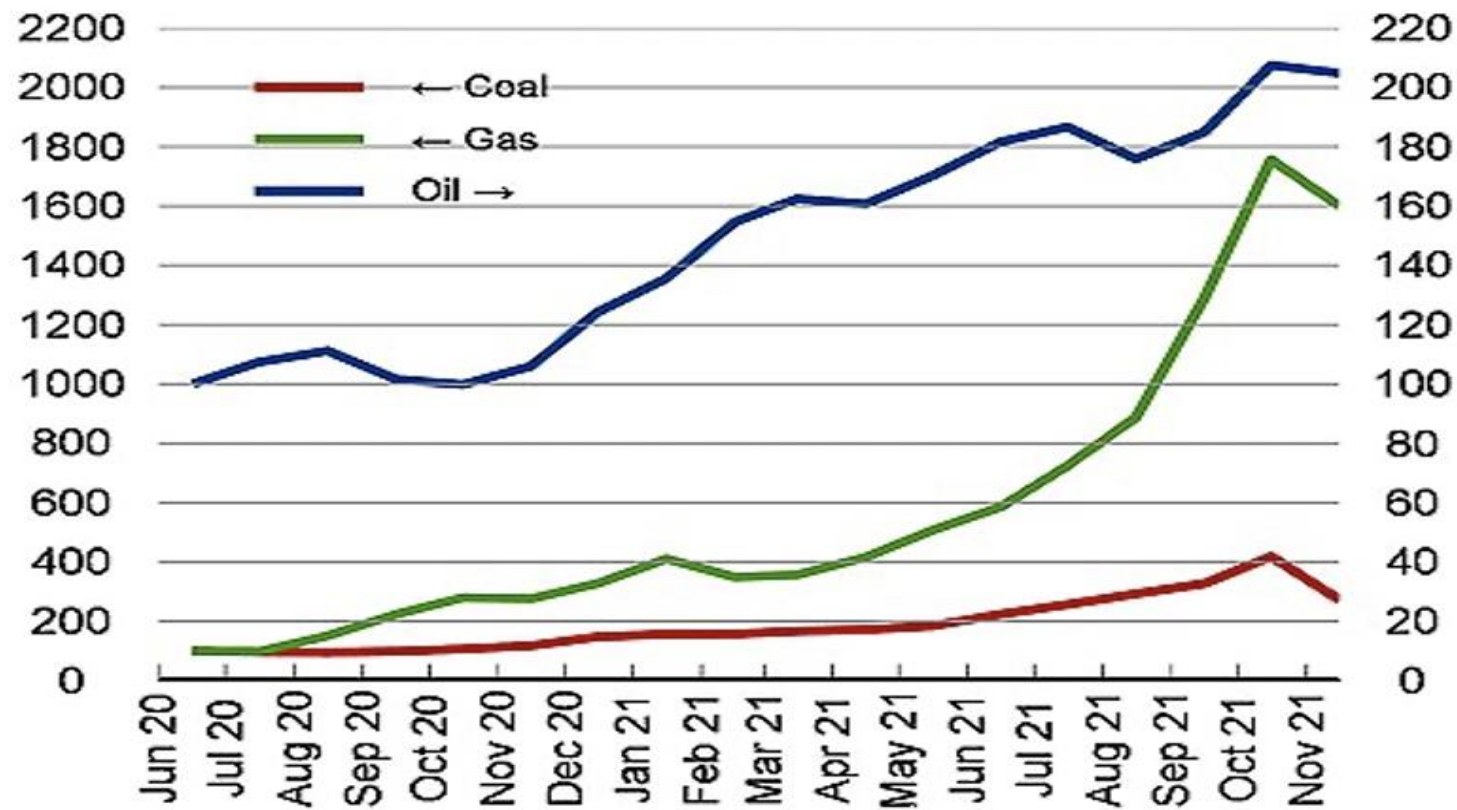
The main cause today is the war in Russia



In conclusion, the increase in bills is a problem for companies that have had more cost to pay, some had to close.

A. Prices of oil, natural gas and coal

Index Jun 2020 = 100



Difficulty in finding raw materials

Italy imports almost all the gas it consumes. 95.6% of the gas we need comes from abroad.

01

Italy extracts 4.4% of the gas it consumes. We produce 3.34 billion cubic meters of natural gas, but we use 76.1 billion of it.

02

The law 133 of 2008 imposed the ban on gas extraction in the Adriatic sea, where there are the largest Italian gas reserves. The reason is to avoid the risk of subsidence, the lowering of the ground level.

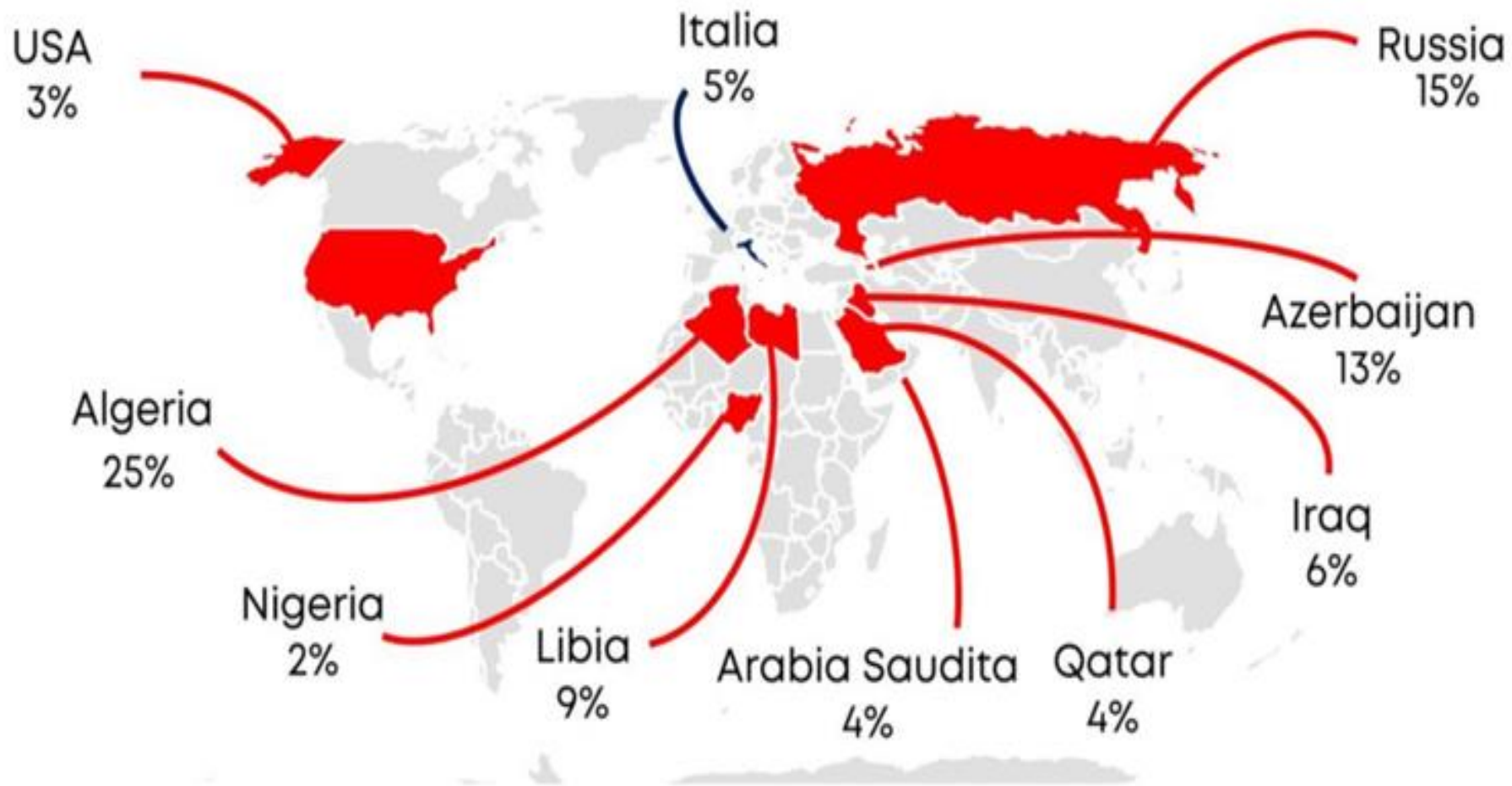
03

04

Many raw materials are missing and, when they are found, prices are so high. There are various causes: the increase in demand and the climate crisis which reduces the ability of ecosystems to offer resources.

05

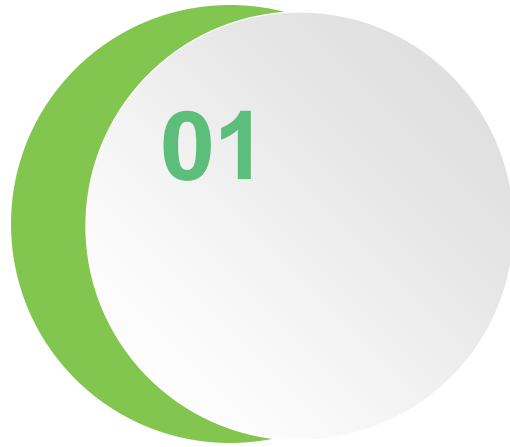
The list also includes the pandemic situation, which has imposed a long setback on the global economy and the conflict in Ukraine.



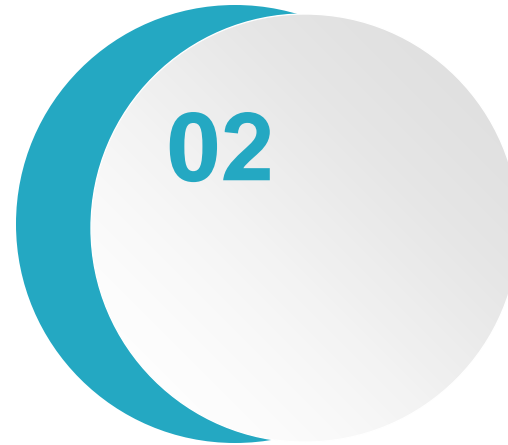
Countries where Italy takes energy from



EU sanctions against Russia



The EU has imposed unprecedented sanctions against Russia in response to the **unprovoked and unjustified invasion of Ukraine on february 2022**



Sanctions include targeted restrictive measures (individual sanctions), economic sanctions and visa measures. The aim of the economic sanctions is to impose severe consequences on Russia for its actions and to effectively thwart Russian abilities to continue the aggression.



Thank You

