

# Snapshot of the global energy sector

## Data

FOSSIL FUELS 2019

79%

of the global energy mix

ENERGY DEMAND 2045

+25%

compared to 2019

RENEWABLES EUROPE 2019

15,6%

total energy consumption

ENERGY DEPENDENCE EUROPE 2019

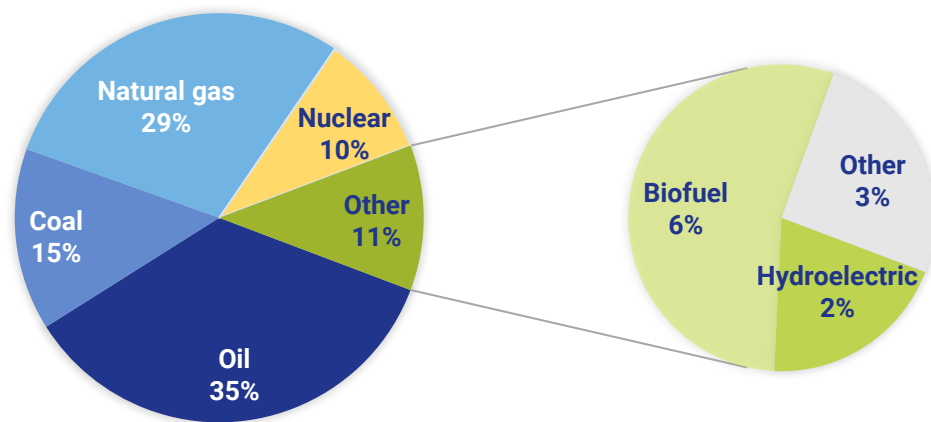
60%

Spain 75%

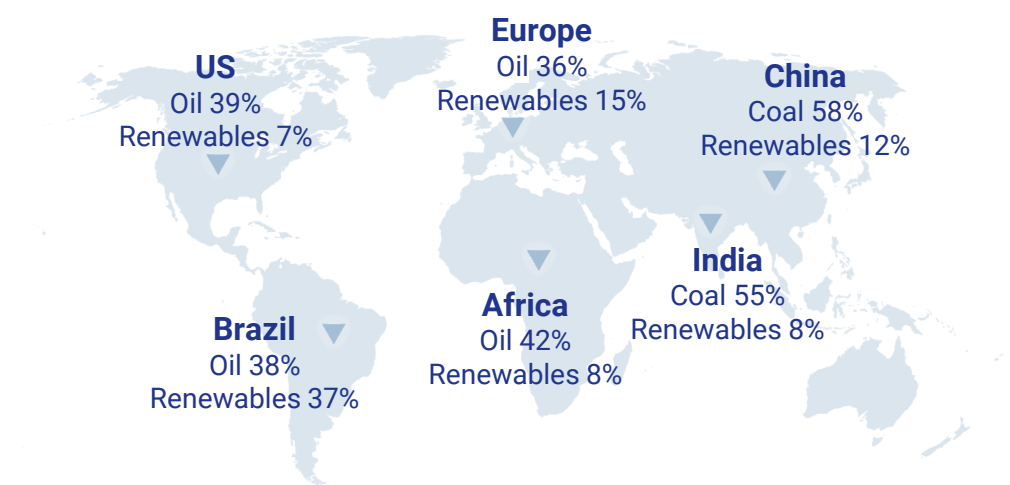
## Global energy sources

FOSSIL FUELS CONTINUE TO BE THE MAIN SOURCES OF ENERGY, ALTHOUGH RENEWABLES ARE INCREASING THEIR SHARE OF THE GLOBAL ENERGY MIX

In 2019, oil represented more than a third of the global energy mix % total



In the US and Europe, oil consumption predominates, while in China and India it is coal consumption % energy mix 2019



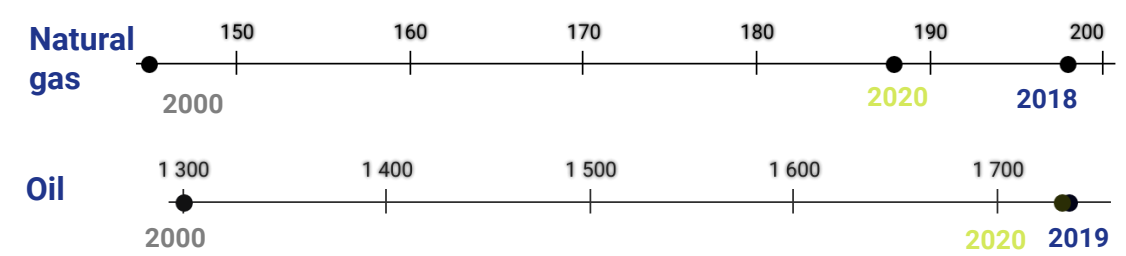
MAIN PRODUCERS OF ENERGY 2019 (Q-BTU\*)

	CHINA	147,570
	US	101,162
	RUSSIA	33,304
	INDIA	31,348

\* Quadrillion British Thermic units

Oil and gas reserves near 21st century highs

Natural gas in trillions cubic meters  
Oil in billions of barrels



## Global energy demand

IN THE PAST DECADE, CHINA AND INDIA HAVE SUBSTANTIALLY INCREASED THEIR ENERGY CONSUMPTION AS A RESULT OF THEIR DEVELOPMENT. AFTER THE SLOWDOWN DUE TO THE PANDEMIC, A SUSTAINED UPTURN IN DEMAND ON A GLOBAL LEVEL IS FORECAST

Since 2000, investments in energy efficiency in Europe have led to a reduction in energy consumption % change in energy consumption 2000-2019



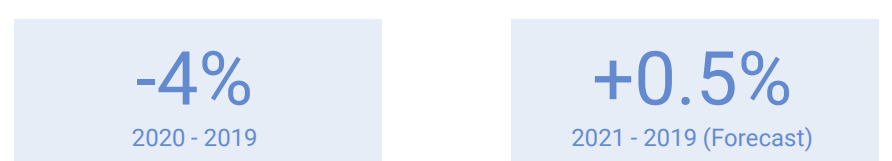
Europe imports more than half of the energy it requires, with Russia being one of its main suppliers % energy dependence

	EU	Germany	Spain	France	US
2019	60%	67%	75%	47%	0%
2000	56%	59%	77%	51%	26%

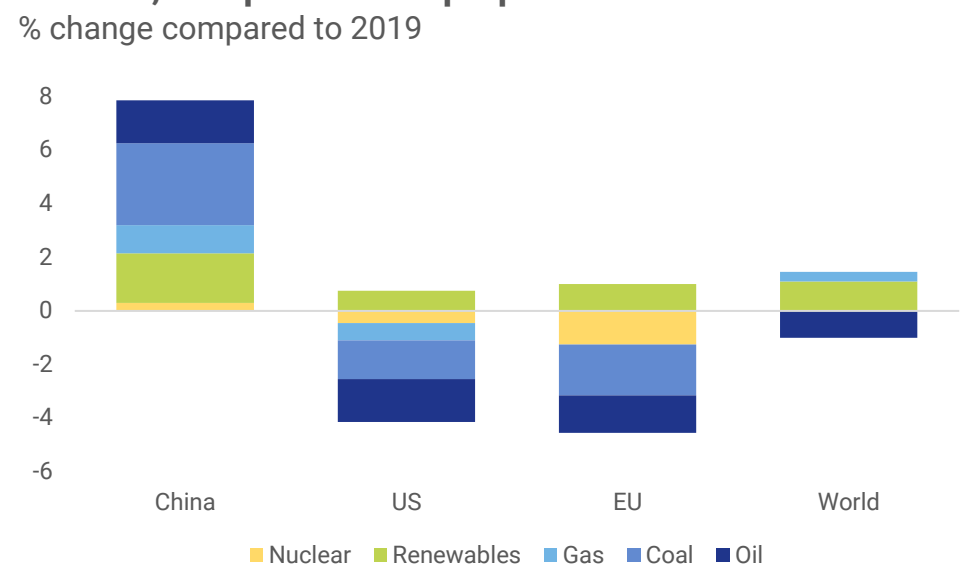
Origin of EU energy imports % of total

Oil	Natural gas
27%	41%
Russia	Russia
9%	16%
Irak	Norway
8%	7,6%
Nigeria	Algeria

In 2020, the pandemic caused a decrease in global demand

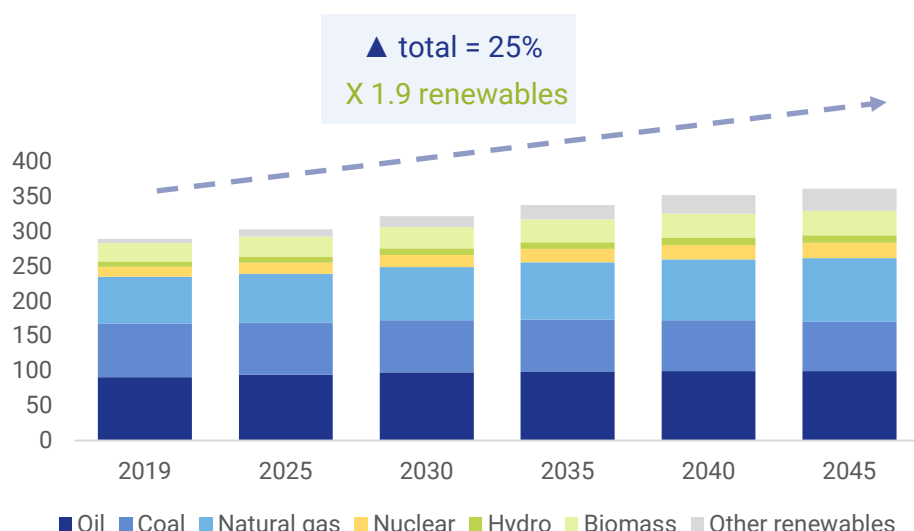


After the impact of Covid-19, China was the only country where demand increased for all energy sources, compared to its prepandemic levels % change compared to 2019



For 2045, substantial growth in the consumption of renewable energies is forecast

Millions of barrels of oil equivalent per day



\* Forecasts except 2019

In 2040, electricity generation and industry remain the main energy consumers

