

# Energy AT/EU

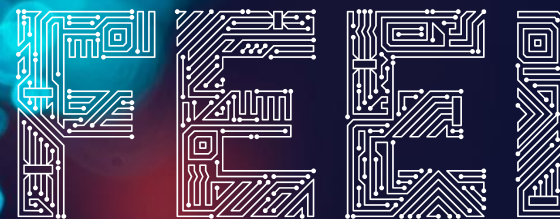
## Facts & Figures

### FEEI

*Manfred Müllner*

*Kristof Klikovits*

25. März 2022



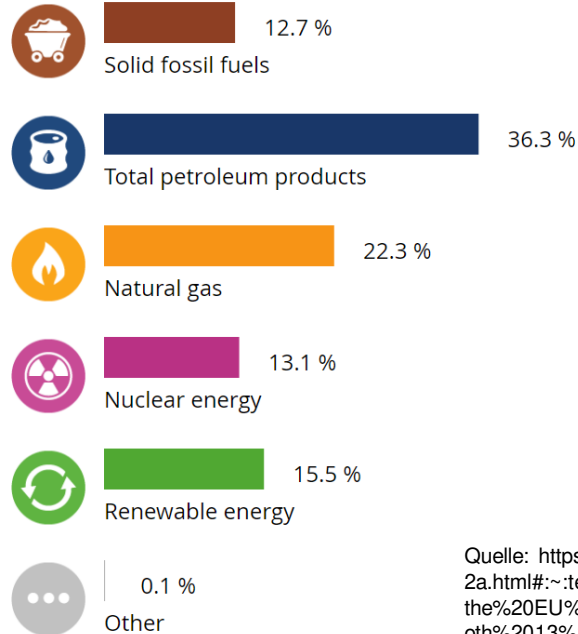
Fachverband der  
Elektro- und  
Elektronikindustrie

# EU Energy Mix



# Energy mix for the European Union

## Energy mix for the European Union



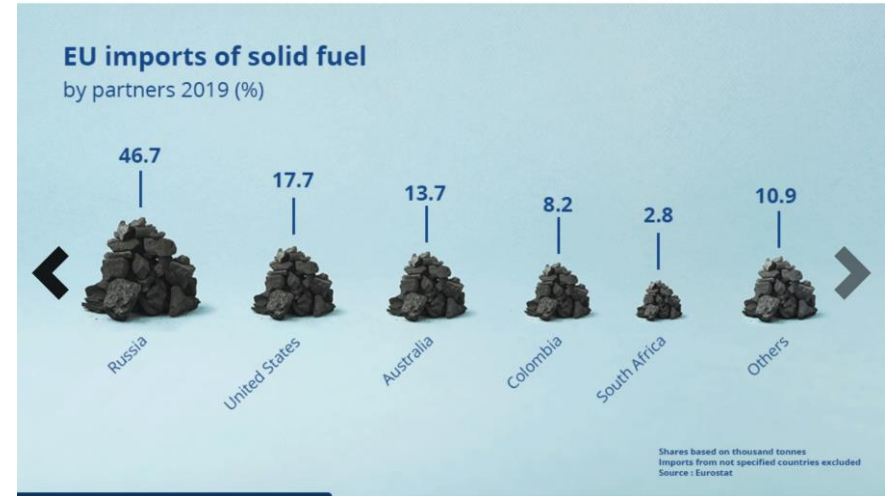
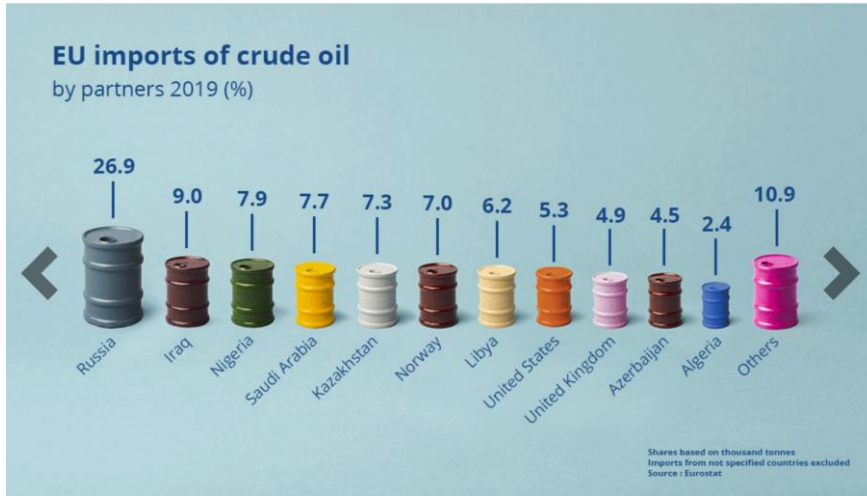
Quelle: <https://ec.europa.eu/eurostat/cache/infographs/energy/bloc-2a.html#:~:text=In%202019%2C%20the%20energy%20mix%20in%20the%20EU%2C,energy%20and%20solid%20fossil%20fuels%20%28b oth%2013%20%25%29.>

**EU Energy Import**  
**Crude Oil/Solid**  
**Fuel/Natural Gas**



# EU Imports of Crude Oil and Solid Fuel

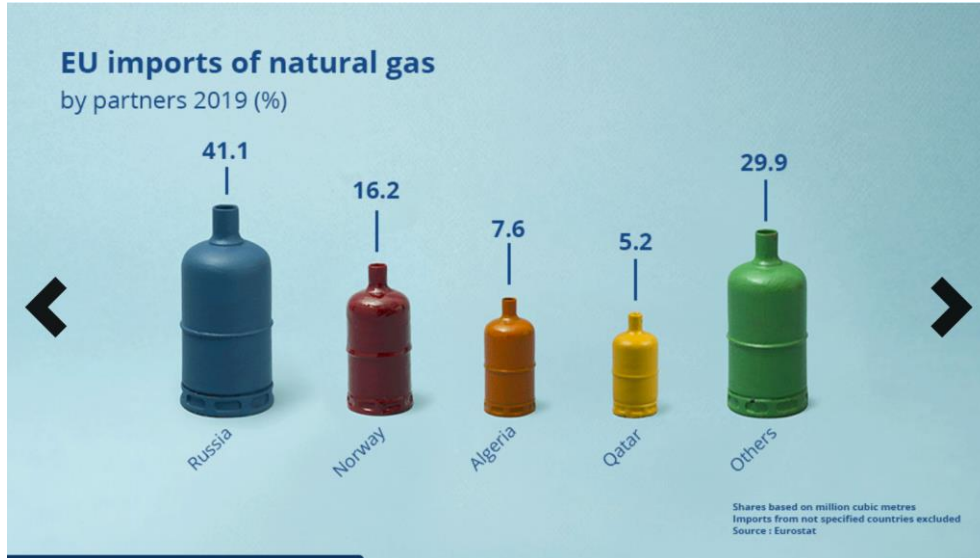
Russia is the main EU supplier of crude oil, natural gas and solid fossil fuels



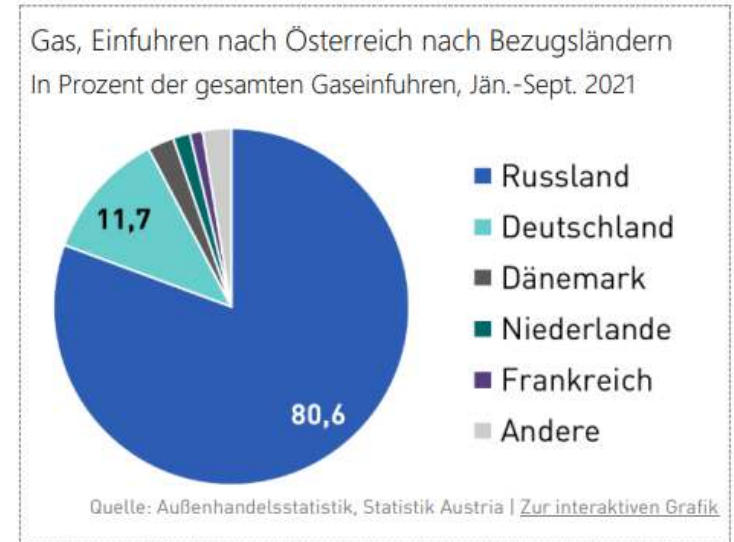
Quelle: <https://ec.europa.eu/eurostat/cache/infographs/energy/bloc-2c.html#carouselControls?lang=en>

# EU Imports of Natural Gas

Russia is the main EU supplier of crude oil, natural gas and solid fossil fuels



Quelle: <https://ec.europa.eu/eurostat/cache/infographs/energy/bloc-2c.html#carouselControls?lang=en>

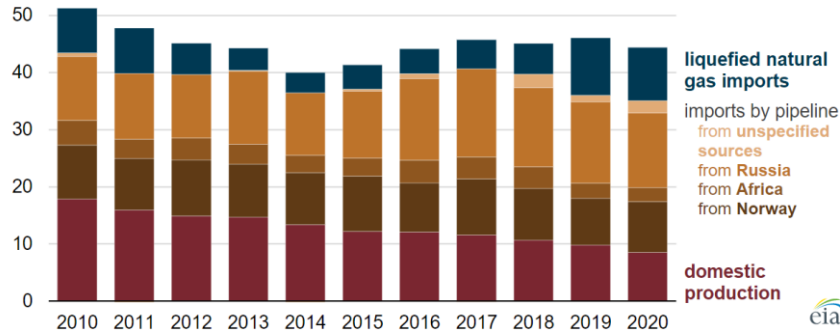


Quelle: <https://news.wko.at/news/oesterreich/2022-03-03-Chart-of-the-week.pdf>

# EU Imports of Gas and Gas Demands

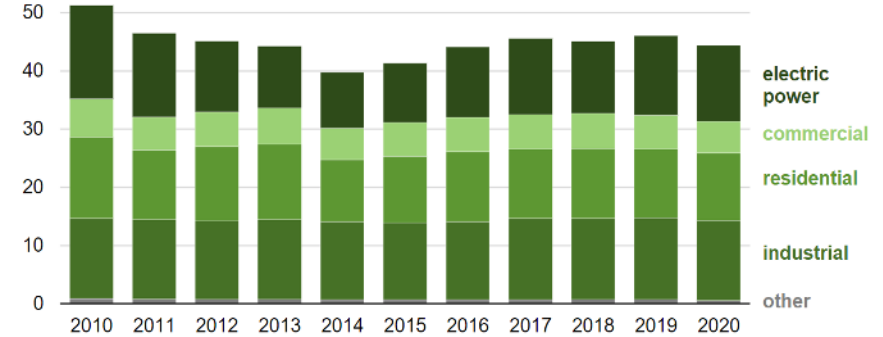
## Europe relies primarily on imports to meet its natural gas needs

Europe (EU-27) and the United Kingdom (UK) natural gas supply (2010–2020)  
billion cubic feet per day



Source: Graph created by the U.S. Energy Information Administration, based on data from Eurostat and the International Group of Liquefied Natural Gas Importers (GIIGNL) annual liquefied natural gas trade reports  
Note: Due to reporting requirements, some volumes of pipeline-imported natural gas are not attributed to a source country.

Europe (EU-27 and the United Kingdom) natural gas demand by sector (2010–2020)  
billion cubic feet per day



Source: Graph created by the U.S. Energy Information Administration, based on data from Eurostat and the UK Department for Business, Energy & Industrial Strategy

Principal contributors: Victoria Zaretskaya; Warren Wilczewski

Tags: production/supply, international, natural gas, pipelines, United Kingdom, exports/imports, Europe, LNG (liquefied natural gas), map

Quelle: <https://www.eia.gov/todayinenergy/detail.php?id=51258>



# Gas Pipelines





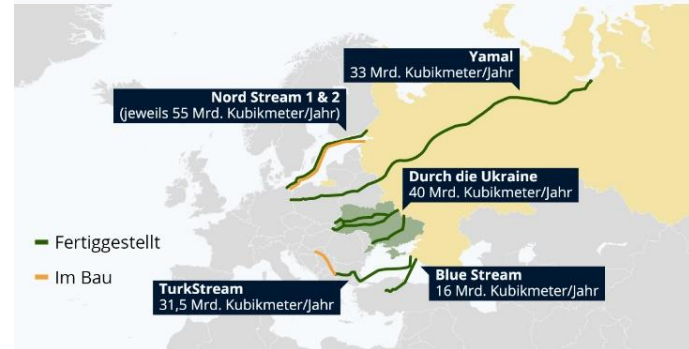
# Gas Pipelines to the EU



Quelle:  
[https://de.wikipedia.org/wiki/Liste\\_der\\_Erdgaspipelines#/media/Datei:Major\\_russian\\_gas\\_pipelines\\_to\\_europe.png](https://de.wikipedia.org/wiki/Liste_der_Erdgaspipelines#/media/Datei:Major_russian_gas_pipelines_to_europe.png)

## Diese Pipelines verbinden Russland und Europa

Kapazitäten der größten Gas-Pipelines zwischen Russland und Europa

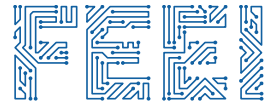


Quelle: JPMorgan via The Economist



statista

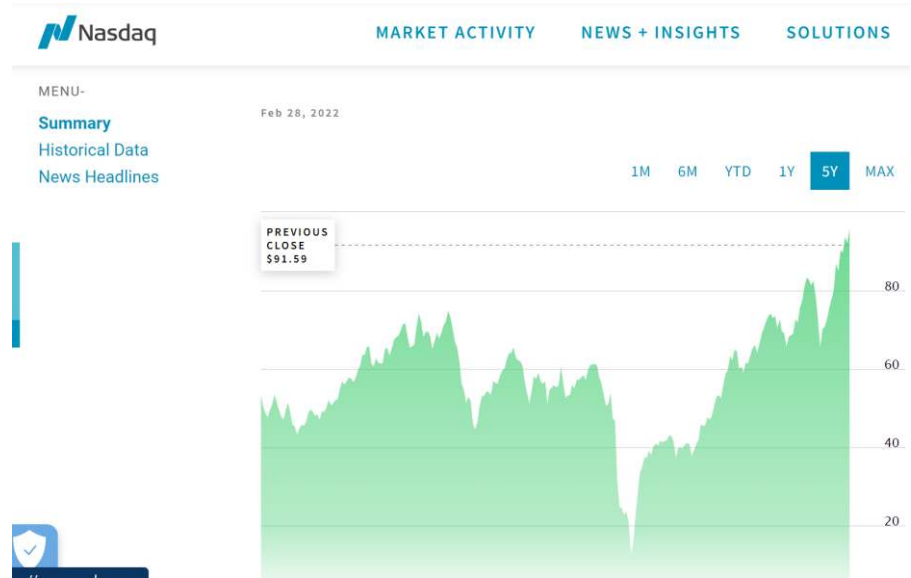
Quelle: <https://de.statista.com/infografik/26916/kapazitaet-der-groessten-gas-pipelines-zwischen-russland-und-europa/>



# Energy Prices



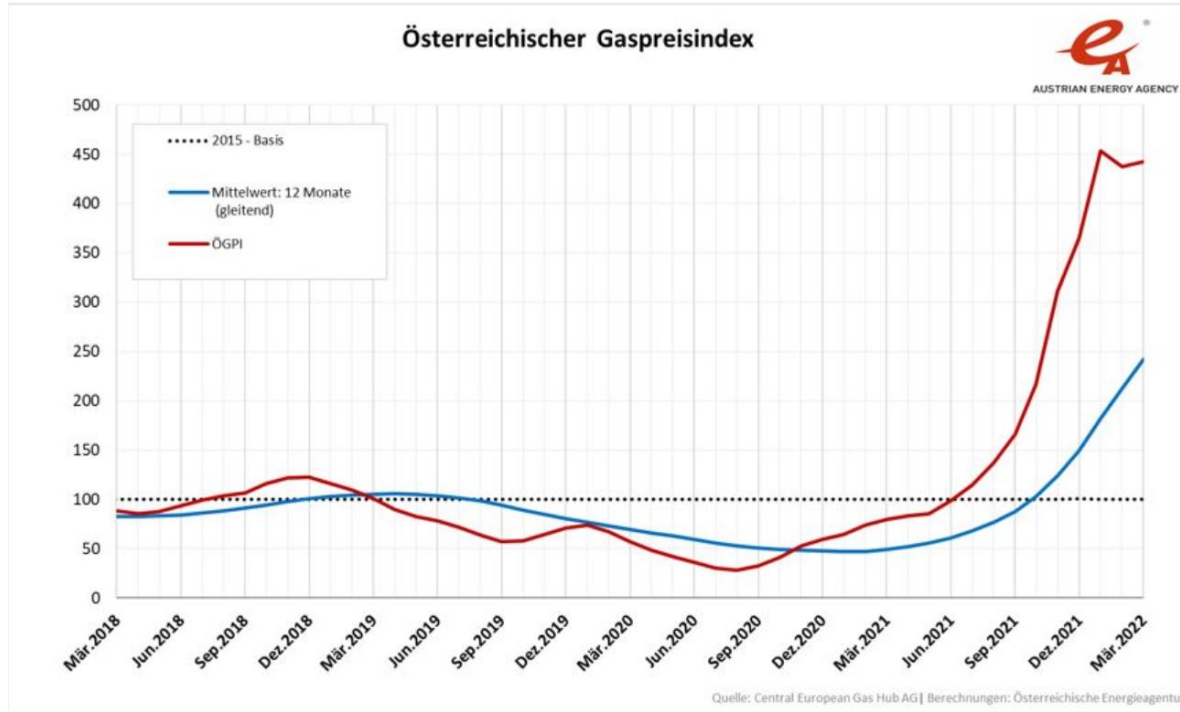
# Natural Gas and Crude Oil Prices (28.02.2022)



Quelle: <https://www.nasdaq.com/market-activity/commodities/ng%3Anmx>

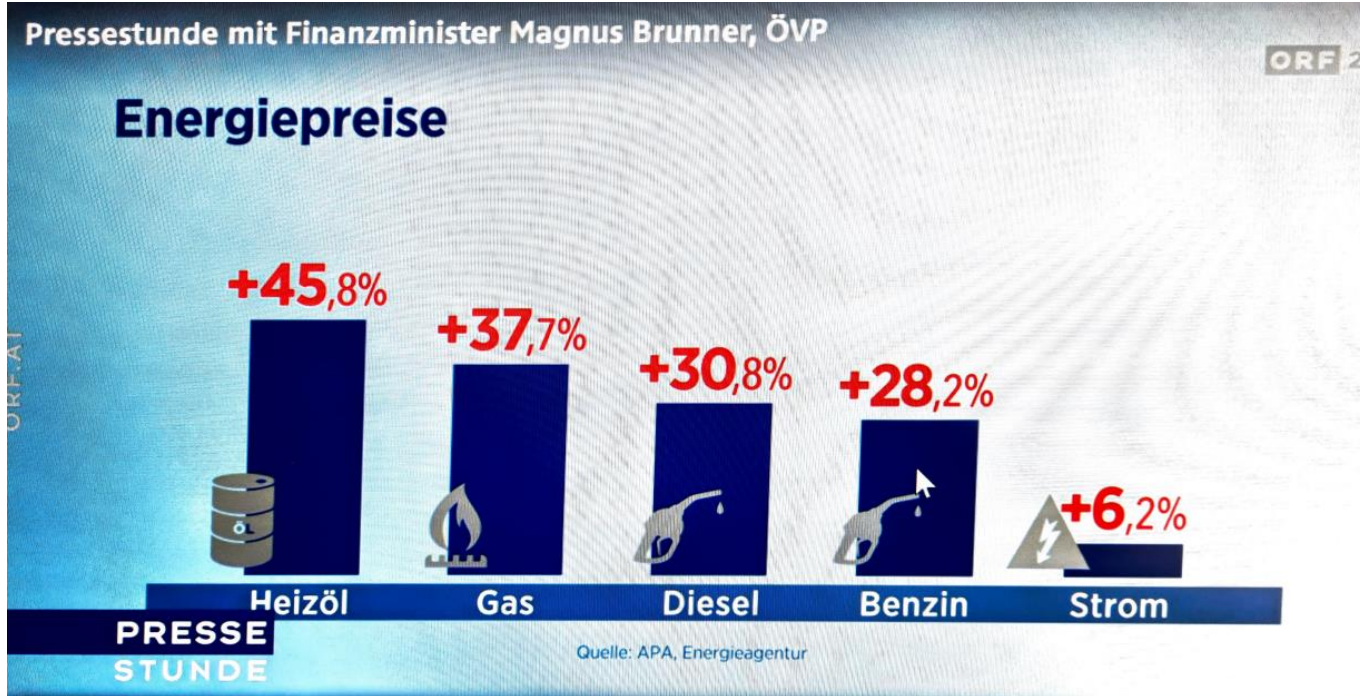


# Gas Prices AT



Quelle: <https://www.energyagency.at/fakten-service/energiepreise/gaspreisindex.html>

# Gas Prices AT



Quelle: ORF Pressestunde, 13.03.2022

EU/AT

Gas Storage Feb.2022

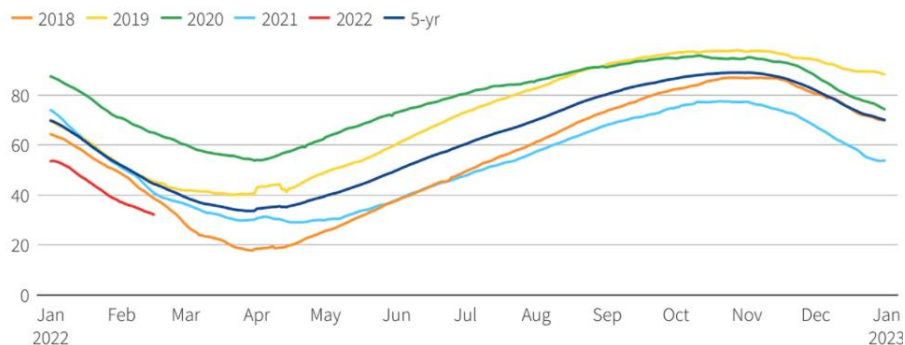


# Gas storage EU/AT

## European gas storage levels survive winter but summer refilling looms

### Gas storage Europe

Filling levels in %



Note: As of Feb. 15

Source: Gas Infrastructure Europe

February 18, 2022

Quelle: <https://www.reuters.com/business/energy/european-gas-storage-levels-survive-winter-summer-refilling-looms-2022-02-18/>

### Gasspeicher in Österreich

Füllstand 17. Februar, in Terawattstunden  
gesamt: 17,41 TWh (Speicher zu 18,2 % gefüllt)

Betreiber	Speicher-Kapazität
OMV	5,34 (21,1 %) 25,29
RAG	3,84 (19,1 %) 20,08
Uniper	3,62 (20,7 %) 17,47
astora	2,77 (24,4 %) 11,35
GSA	1,85 (8,7 %) 21,32

Grafik: © APA, Quelle: AGSI

Quelle: <https://www.vienna.at/gasspeicher-in-oesterreich-zu-82-prozent-leer/7302435>



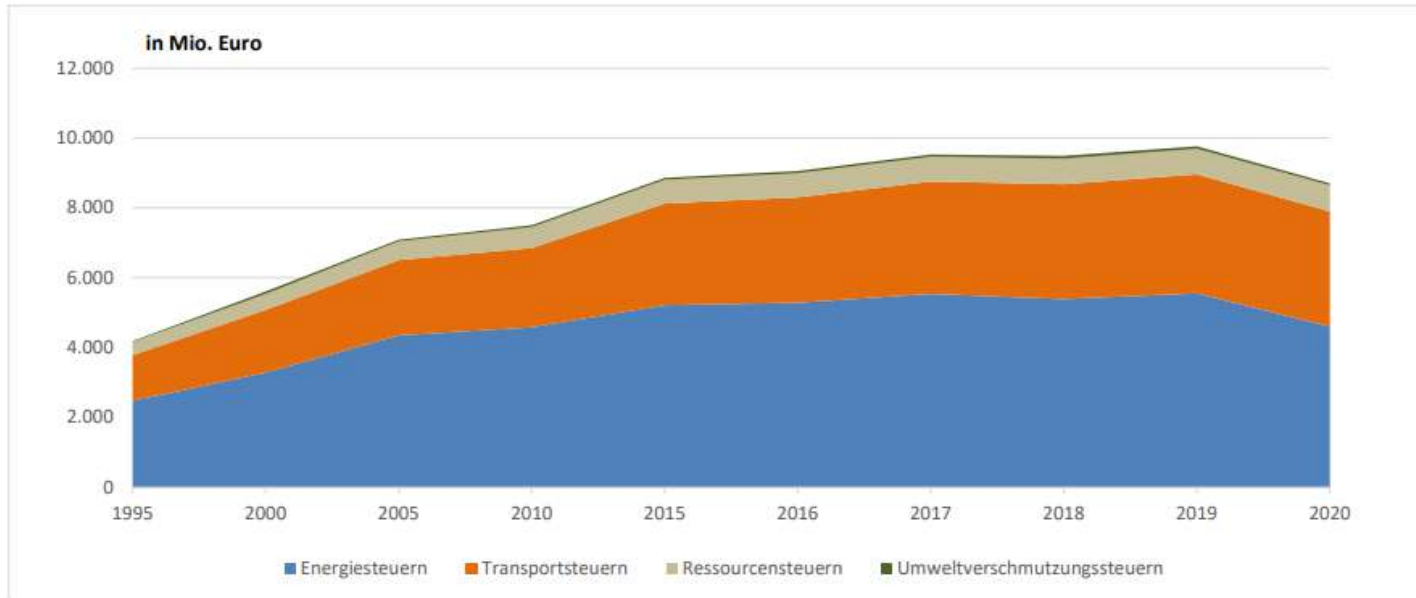
# AT Eco-Taxes





# Eco-Taxes AT

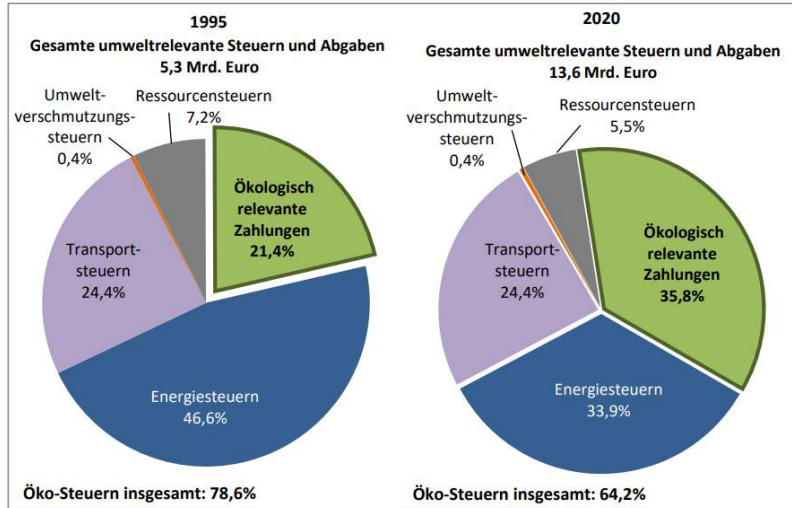
**Grafik 3: Entwicklung der Öko-Steuern in Österreich 1995-2020**



Quelle: BMK, Statistik Austria: Umweltgesamtrechnungen Modul - Öko-Steuern 2020 Zeitreihe 1995 - 2020  
Endgültige Ergebnisse (2021), S.13

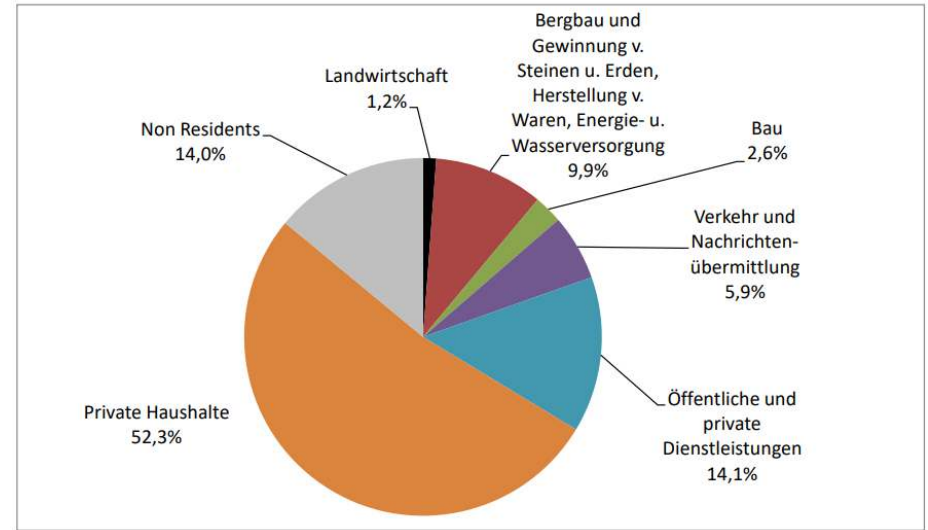
# Eco-Taxes AT

**Grafik 6: Verteilung der gesamten umweltrelevanten Steuern und Abgaben 1995 und 2020**



Quelle: BMK, Statistik Austria: Umweltgesamtrechnungen Modul - Öko-Steuern 2020 Zeitreihe 1995 - 2020 Endgültige Ergebnisse (2021), S.21

**Grafik 8: Verteilung der gesamten Ökosteuern auf die Wirtschaftsbereiche 2020**



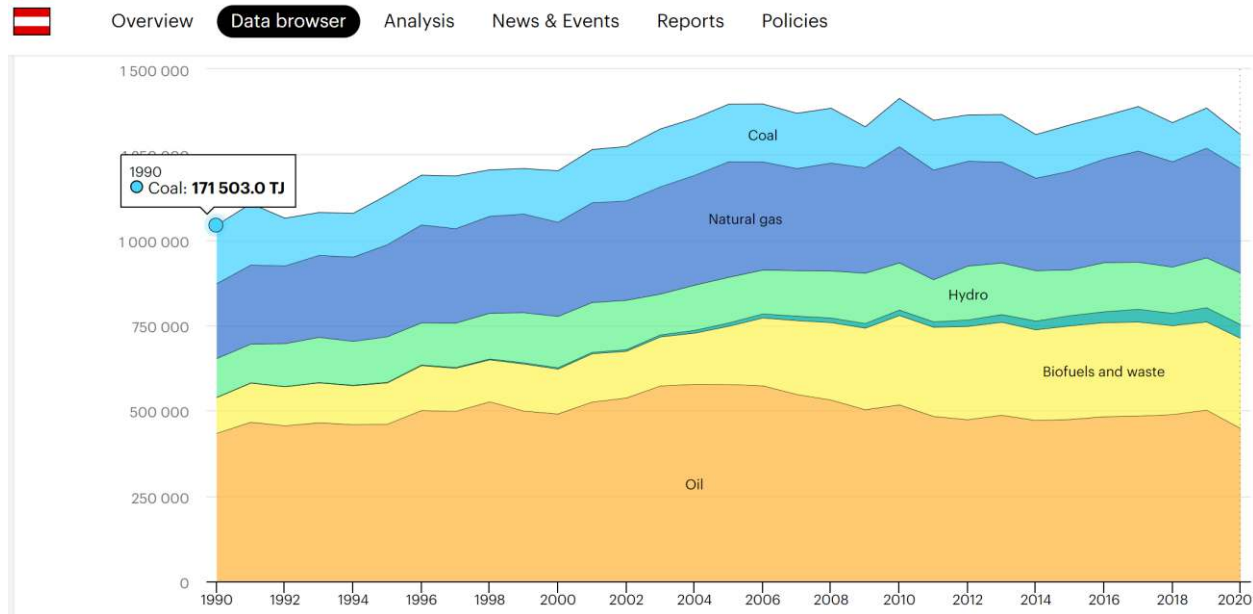
Quelle: BMK, Statistik Austria: Umweltgesamtrechnungen Modul - Öko-Steuern 2020 Zeitreihe 1995 - 2020 Endgültige Ergebnisse (2021), S.29

# AT Energy Supply, Import, Consumption, Flow



# Total Energy Supply AT

## Total energy supply (TES) by source, Austria 1990-2020

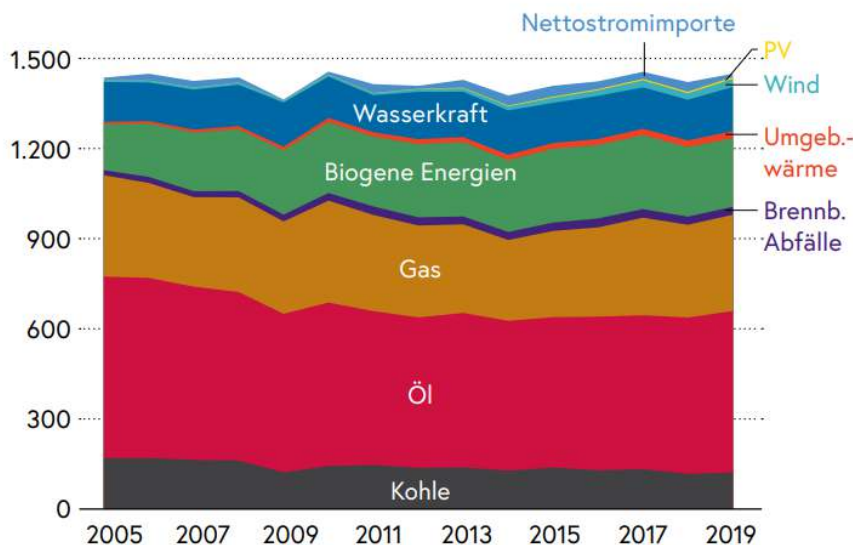


Quelle: <https://www.iea.org/countries/austria>

# Energy Consumption AT

## Bruttoinlandsverbrauch

nach Energieträgern in Petajoule 2005–2019



Quelle: BMK, Energie in Österreich Zahlen, Daten, Fakten (2020), S.16

## Wachstum und Rückgang

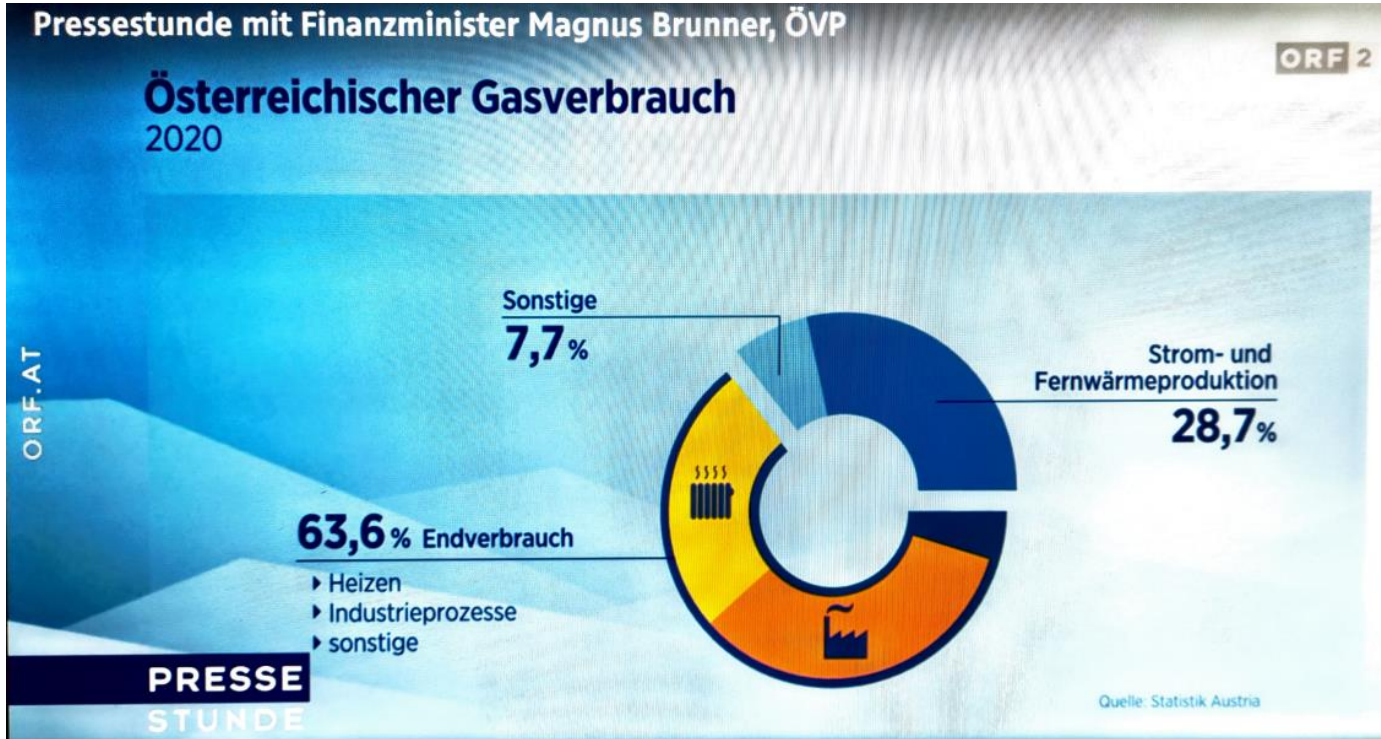
der Energieträger

p.a. 2005–2019	2018–2019
+36,9%	+18,4%
+13,1%	+23,1%
+1,3%	-65,0%
+8,6%	+7,2%
+3,4%	-1,4%
+2,9%	-1,4%
+0,7%	+8,5%
-0,4%	+3,7%
-0,8%	+3,2%
-2,4%	+4,2%

**+0,1% p. a.**

Bruttoinlandsverbrauch gesamt  
2005–2019

# Energy Consumption AT



Quelle: ORF Pressestunde, 13.03.2022

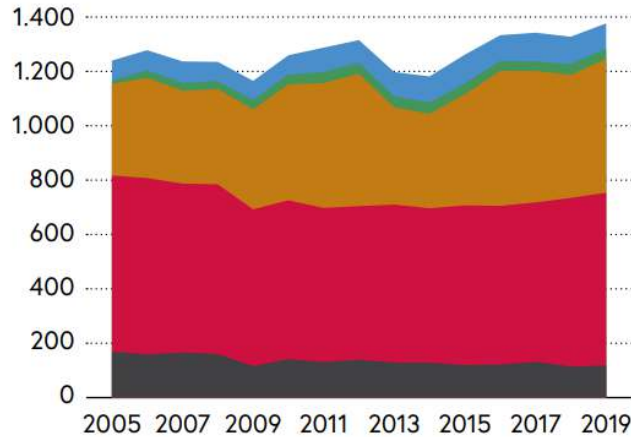
# Energy Imports AT

## Energieimporte

nach Energieträgern in Petajoule 2005–2019

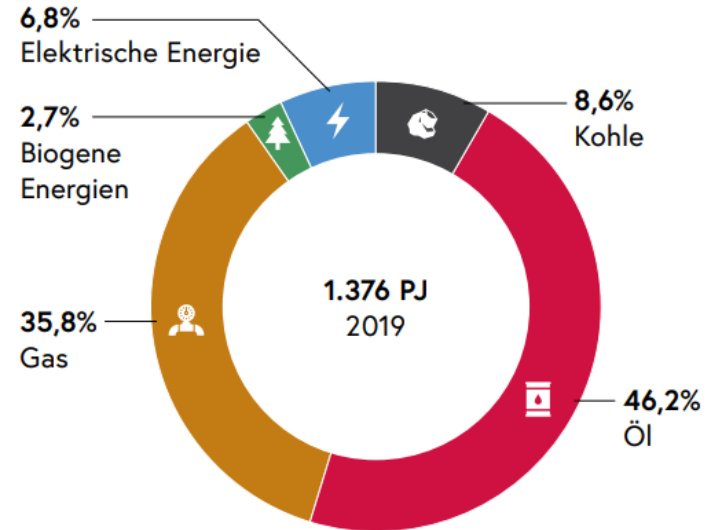
**+0,8% p. a.**

Gesamtenergieimporte 2005–2019



## Struktur der Energieimporte 2019

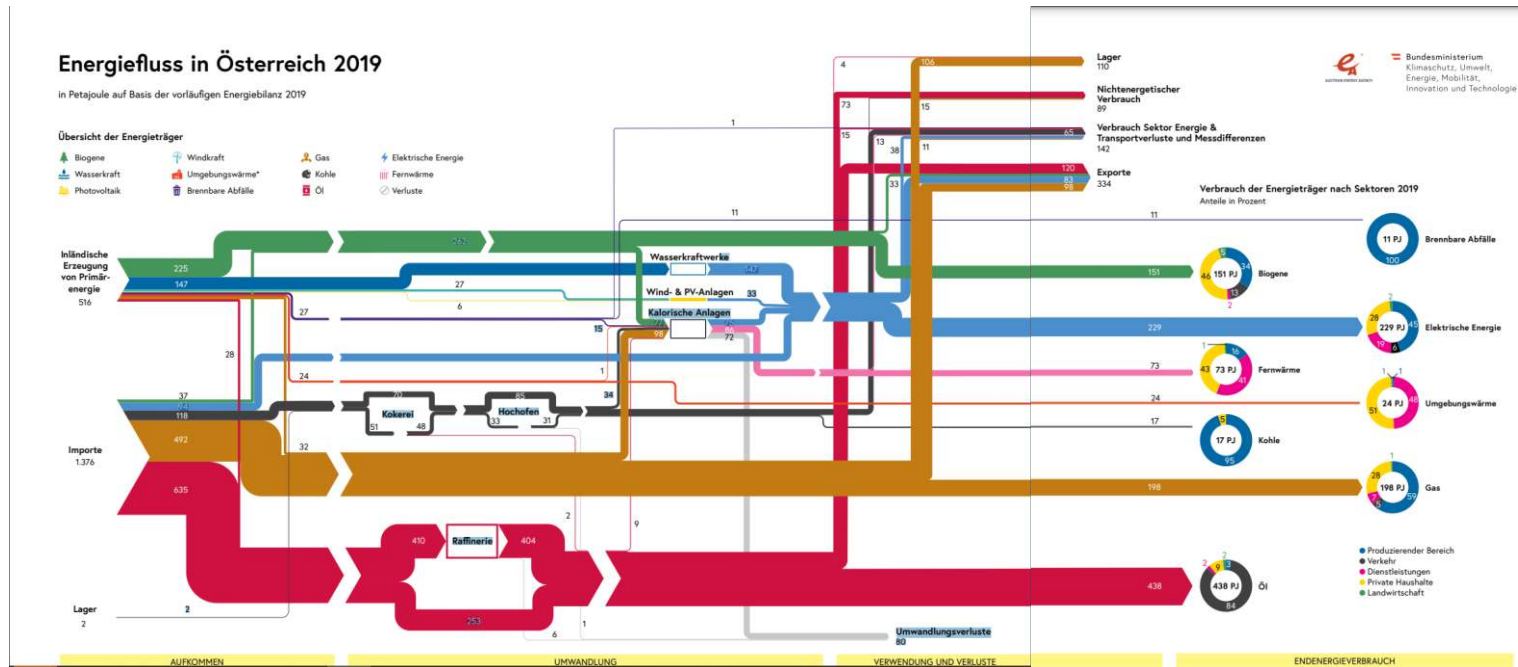
nach Energieträgern in Prozent



Quelle: BMK, Energie in Österreich Zahlen, Daten, Fakten (2020), S.15

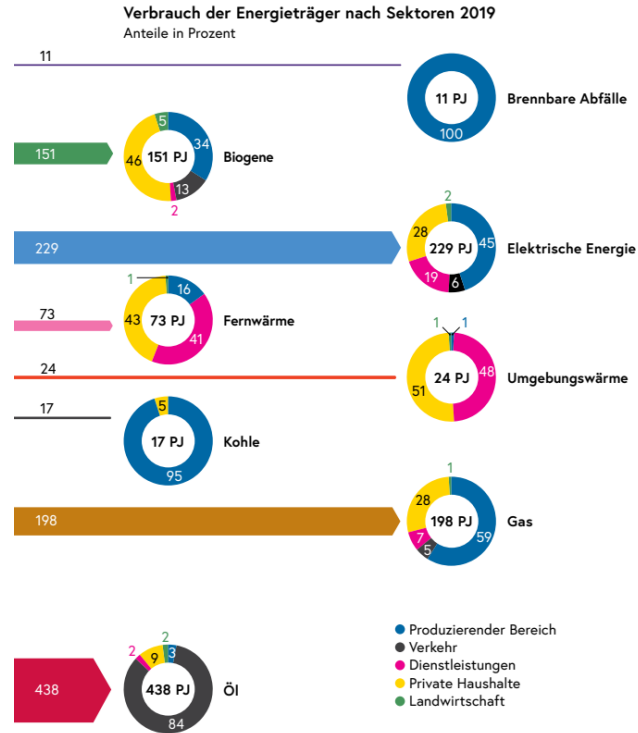


# Energy Flow AT





# Energy Flow AT



Quelle: BMK, Energie in Österreich Zahlen, Daten, Fakten (2020), S.3



# FEEI Ansprechpartner

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