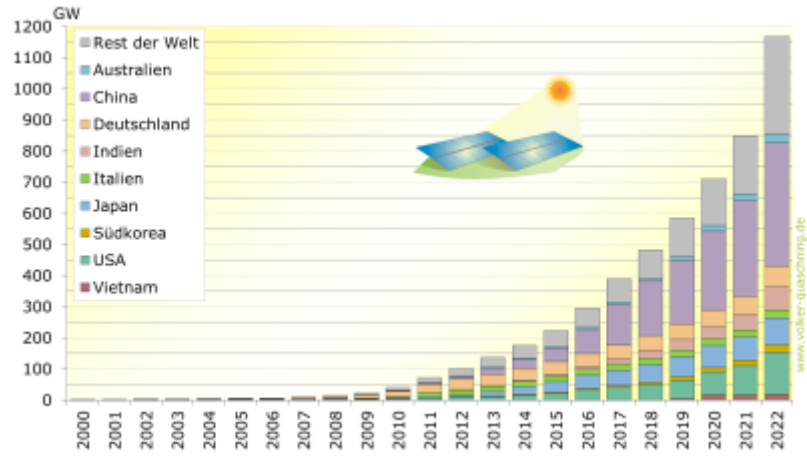


# Solar: Fiktion und Wirklichkeit

Ein Vergleich von utopischen Fantasien und den aktuellen Zahlen.

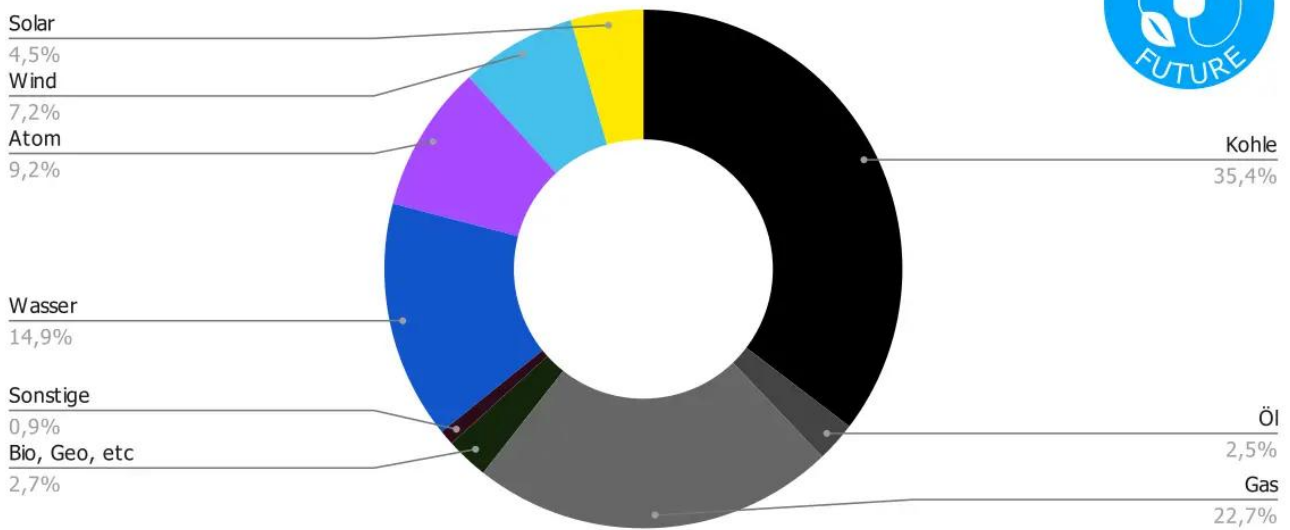
„Technically, all the energy of the world is solar energy. Plants harvest energy from the sun. Wind and tides are caused by the sun and its interaction with the Earth. Even geothermal energy is ultimately a result of the gravity of the sun which created an accretion disc that formed the planet Earth.“ [Comment by Ignonym on Reddit](#)



Weltweit installierte Photovoltaik-Leistung

## Stromerzeugung weltweit (2022)

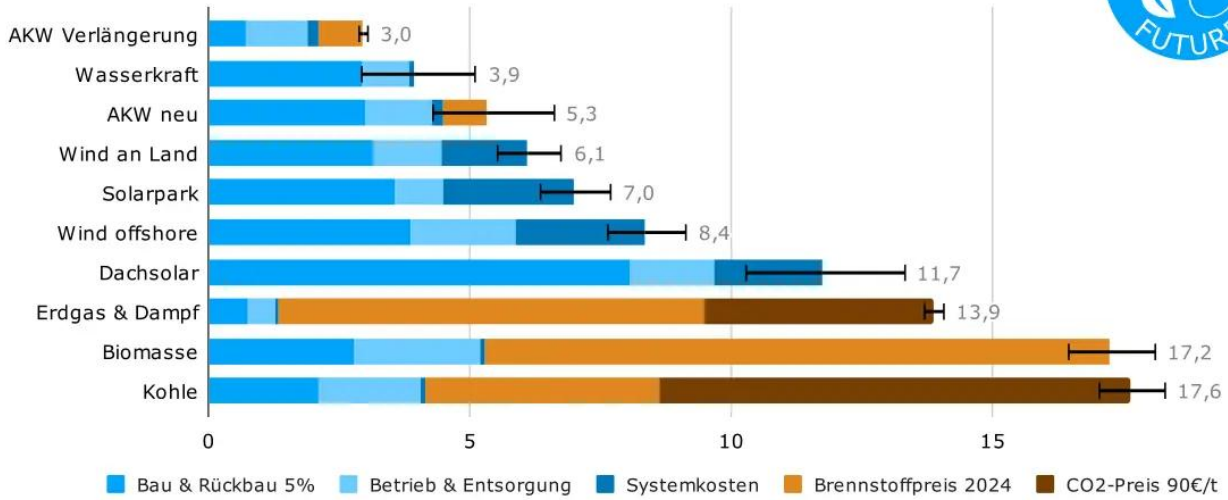
### Strommix weltweit 2022



Quelle: Energy Institute (2023)

# Vollkosten von Stromerzeugern in Deutschland

in €Cent pro kWh<sub>el</sub> für mitteleuropäische Erzeuger, 3-7% Abzinsfaktor



Quellen: Gesteungskosten: IEA (2020), Systemkosten: OECD (2018), Brennstoffkosten Kohle/Erdgas x2 gegenüber IEA Referenzwert von 2020

„Any solar panel installed in Germany is one not installed in Spain, Morocco or Iran or anywhere else that naturally gets 2.5x the yearly insolation as any place in Germany“

[https://www.reddit.com/r/solarpunk/comments/13da36b/a\\_company\\_in\\_germany\\_wtf\\_omg/](https://www.reddit.com/r/solarpunk/comments/13da36b/a_company_in_germany_wtf_omg/)

## Photovoltaik, aber in pffiffig

Im Lützerath-Camp



Solar-Zaun





Floatovoltaik



QUELLEN:

- 1) <https://www.volker-quaschning.de/datserv/pv-welt/index.php>
- 2) <https://www.tech-for-future.de/kosten-kwh/>
- 3) <https://www.reddit.com/r/solarpunk/search/?q=Photovoltaik&type=link&cl=0&id=b61f7aed-d86f-47bb-bfe1-0cca6099bcfe&ild=0c2b254e-e615-4034-8992-24f4731cd7e7>

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