



MCF Academy & Australian-German Climate & Energy College Alumni Network Seminar

How is the German Energiewende going? Insights from the Open Energy Tracker

Wolf-Peter Schill, Alexander Roth, Adeline Gueret, Felix Schmidt
Melbourne, 25 November 2022



UNIVERSITIES
AUSTRALIA

German *Energiewende*

- Main pillars:
 - Use of renewable energy sources
 - Sector coupling strategies
 - Increase in energy efficiency
- Somewhat stalling
- To be revived by the new “traffic light government”



Open data tool to keep track

- Open Energy Tracker
 - Graphs and data, based on Git, MkDocs and plotly
 - Sand box, growing, to be expanded beyond Germany
- “Ampel-Monitor Energiewende”
 - DIW Berlin homepage, selection of German indicators & collection of publications

Open Energy Tracker

✓ What's new

- Update in the new [Section on current natural gas consumption in Germany](#).

An open data platform to monitor energy policy targets

With the Open Energy Tracker, we provide an open data platform for monitoring energy policy targets. Initially, the focus is on Germany and the goals of the current German government. In the future, we aim to extend this data platform to other countries, initially to selected other European countries. We have already started with France. In addition, we are open for extensions to other countries and regions, also outside Europe, ideally collaboratively with respective regional experts.

→ Now let's click through the website!



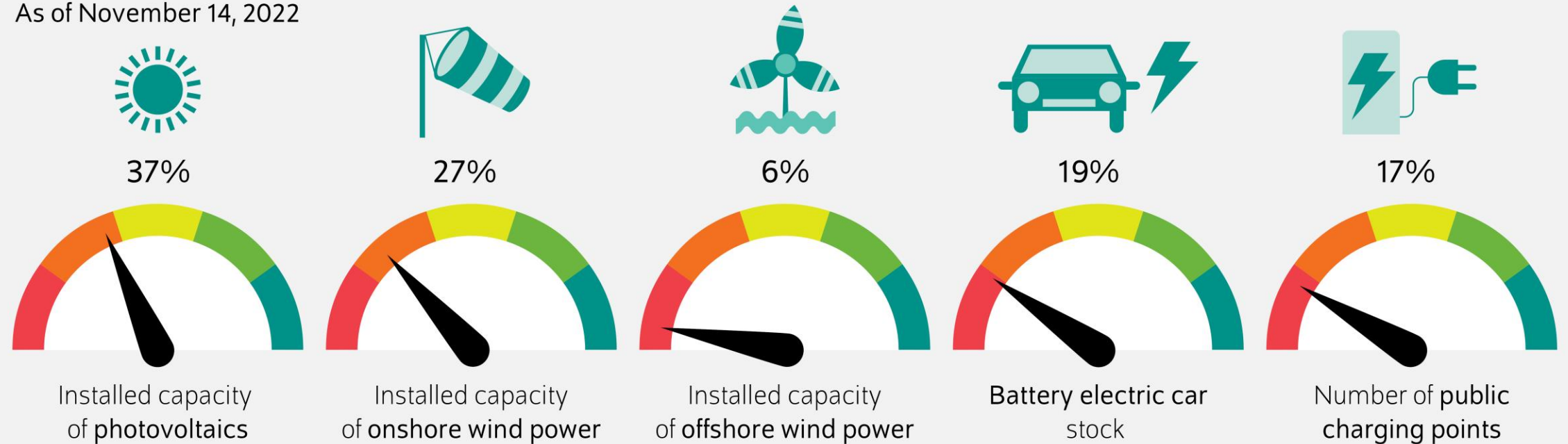
Energy targets of the German government - and where we are today

→ Here we looked at various indicators on the <https://openenergytracker.org/en/> homepage.
You can find a video recoding of the talk here: <https://www.youtube.com/@climateenergycollege6848/videos>

Current pace of the energy transition in Germany is far too slow to reach the 2030 targets

Example: The expansion pace of photovoltaics was most recently only 33 percent of the average pace that is needed to reach the 2030 target.

As of November 14, 2022



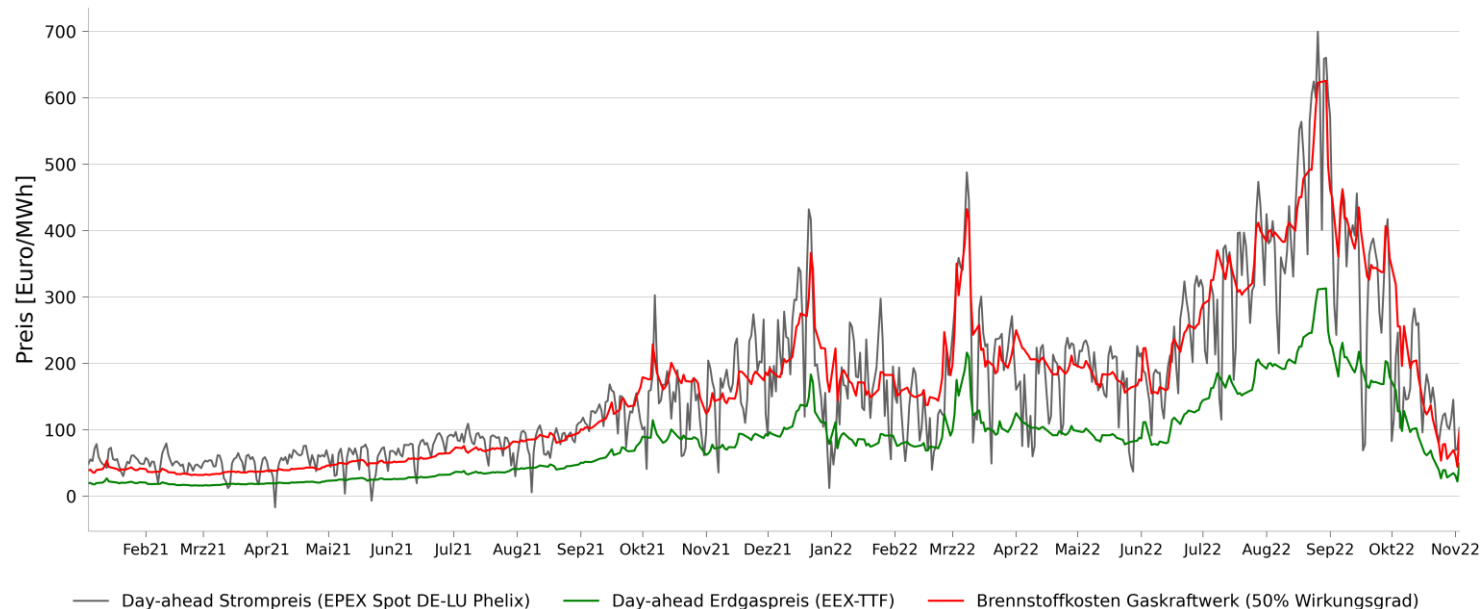
Source: Authors' calculations based on Ampel-Monitor Energiewende data.

Shown is the expansion pace trend of the last twelve available months compared to the average pace needed from now on to reach the 2030 targets. As of November 14, 2022.

© DIW Berlin 2022

So how is the *Energiewende* going?

- Ampel government: bold new targets to revive it
- Speed of the transition has to increase a lot
- Effective policy measures required – and partly underway, e.g. EEG
- Currently, overshadowed by energy price crisis & emergency measures
- Frictions of ramping up renewables and sector coupling in the short term



Expand Open Energy Tracker to other countries

- France (already online)
- Switzerland (coming soon)
- Australia 😊
- Collaborative international “grassroot” project?

Challenge: funding for future maintenance and expansion

Open Energy Tracker: <https://openenergytracker.org/en/>
Ampel-Monitor Energiewende: <https://diw.de/ampel-monitor>

Thanks for your attention!



**DIW Berlin — Deutsches Institut
für Wirtschaftsforschung e.V.**
Mohrenstraße 58, 10117 Berlin
www.diw.de

Wolf-Peter Schill | <https://wolfpeterschill.de> | wschill@diw.de | <https://social.tchncs.de/@wpschill>
