

START2030



Technologierepräsentation

17. November 2021, online

- Is our approach to derive **consumer price** for electricity **plausible**?
- Are there any available **data sources** on **cost structures** of operation or investments (in CPA resolution)
- The **cost structures** & costs of trade of electricity is set constant now - Should these properties change in a transition scenario of 100% renewables?

Coal	Hydro	PV (small)	Biomass
Oil	Storage	PV (large)	Wind
Gas	Pump Storage	BatStore	Grid

- Is our "**techswitch**" module , i.e. to transfer change in costs to IO-structure, a proper approach? Are there other methods?

<u>Quelle</u>	<u>Jahr</u>	<u>Technologien</u>
IEA	<u>2019</u>	<u>PV: Modul Prices, System Prices, Cost Breakdown</u>
BMK	<u>2021</u>	<u>Biomasse, Photovoltaik, Solarthermie, Wärmepumpen und Windkraft</u>
IRENA	<u>2020</u>	<u>Onshore Wind, Solar Photovoltaics, Offshore Wind, Hydropower, Geothermal, Bioenergy, Concentrating Solar Power</u>
IRENA	<u>2017</u>	<u>Batterien</u>
Verband Deutscher Maschinen- und Anlagenbau	<u>2020</u>	<u>Batterien</u>
IRENA	<u>2012</u>	<u>Windkraft</u>
EUROPEAN COMMISSION	<u>2020</u>	<u>Renewable Energy Sources</u>
IEA	<u>2021</u>	<u>Wasserkraft</u>