



COUNTRY PRESENTATION Germany

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61st Task 1 Meeting 25.10.2023 [Adelaide, Australia]

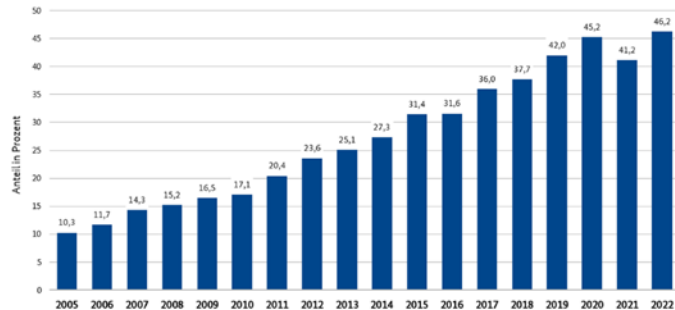
Germany – general information



- Population: 83 Mio.
- Total electricity demand: 516 TWh (2022)



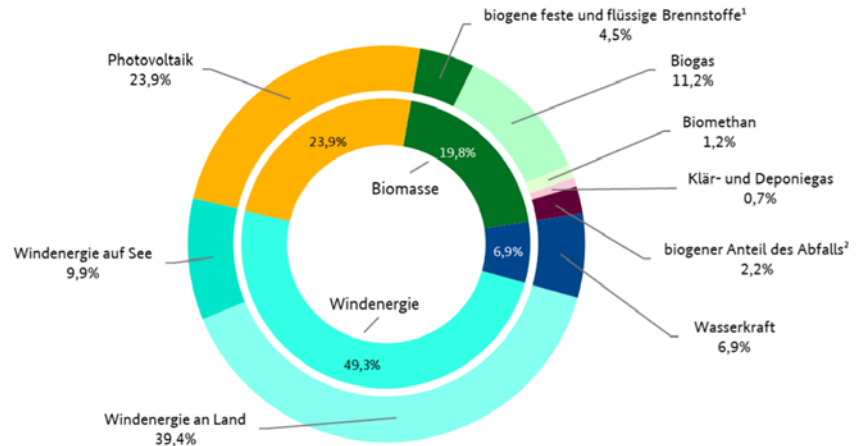
Entwicklung des Anteils erneuerbarer Energien am Bruttostromverbrauch in Deutschland



Quelle: Arbeitsgruppe Erneuerbare Energien-Statistik (AGEE-Stat); Stand: Februar 2023

Bruttostromerzeugung aus erneuerbaren Energien in Deutschland im Jahr 2022

Gesamt: 254 Terawattstunden (TWh)



¹ inkl. Klärschlamm; ² biogener Anteil des Abfalls in Abfallverbrennungsanlagen mit 50 % angesetzt
Hinweis: Stromerzeugung aus Geothermie aufgrund sehr geringer Mengen (0,1%) nicht dargestellt

Quelle: Arbeitsgruppe Erneuerbare Energien-Statistik (AGEE-Stat); Stand: Februar 2023

PV Goals – EEG 2023

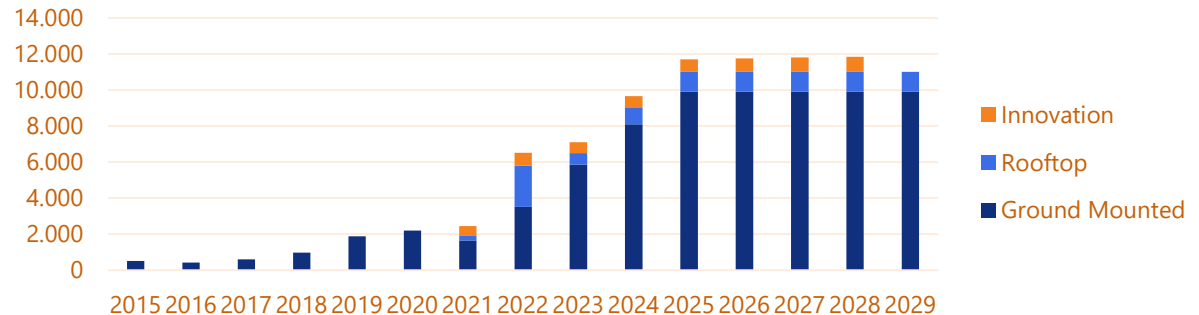


- Cumulated Capacity End of 2022: 67,3 GW

- Goals:

2024	88 GW
2026	127 GW
2028	171 GW
2030	215 GW
2035	309 GW
2040	400 GW

Tenders / year [MW]



Annual ~22 GW/a
(centralized/decentralised: 50/50)

General goal of zero CO2 in 2045 and –zero in 2050

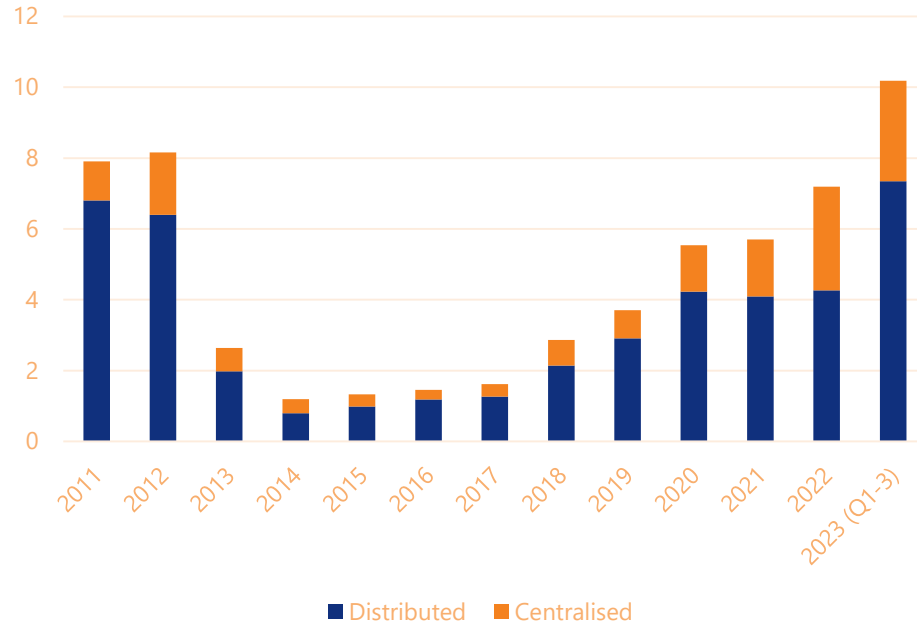


- started 07/2022, but only since 2023, fully implemented
- FiT remains stable: : 13,8 €ct (full injection), 8,2€ct (<10kWp), 7,1€ct (>10kWp, <40 kWp) valid from 08/2022 until 01/2024
- Allowed to place modules in the garden instead of on the roof
- FiT70%-cap for injection cancelled
- “EEG-Levy” cancelled -> no extra meters necessary
- Tenders for ground mounted an large rooftop systems: volume increased
- ...

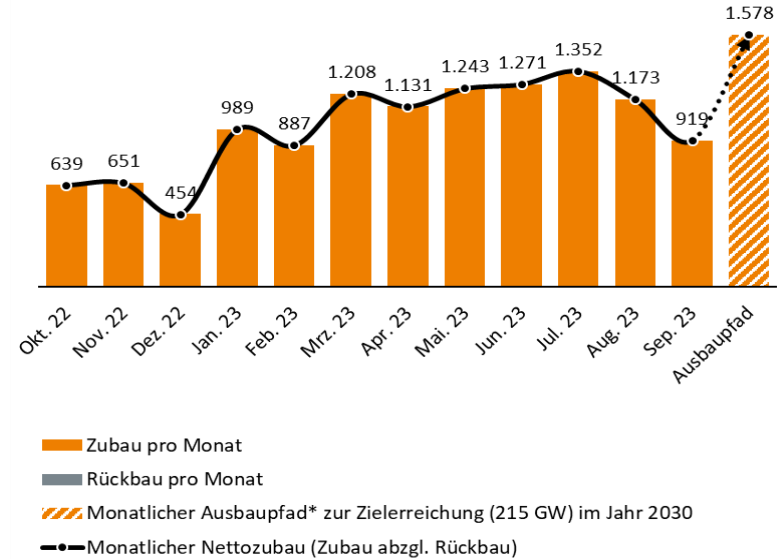
PV Market evolution



Annual PV Installations in Germany



Monatlicher Zubau von solarer Strahlungsenergie in Megawatt [MW]





-> not relevant



- Initiative to re-install the full value chain in Germany:
Interessenbekundungsverfahren zur geplanten Förderung von
Leuchtturmprojekten zum Hochlauf der industriellen Produktionskapazitäten im
Bereich Photovoltaik
- Published 19 June 2023, applications until 15 August 2023, start of projects in
spring 2024
- Based on TCTF (Temporary Crisis and Transition Framework for State Aid
measures to support the economy following the aggression against Ukraine by
Russia), Point 86
- Volume: 1-2 B€ (+ up to the same amount from the federal states)



- Constraints:
 - Subject of funding: CAPEX, not OPEX
 - Fully in an assisted area OR in at least 3 EEA member states
 - no “counter-cohesion effects”: no relocation of activities from an other EEA member state
 - Proof of possible subsidies in a non-EEA state
 - No undertakings in difficulty (big surprise 😊)