



Renewables in Poland

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About us



Forum Energii is an independent think tank, focused on forging the foundation for a clean, innovative, safe and efficient energy sector based on data and analysis.

Strategic goals:

- ① reliability of the Polish energy system
- ① reduction of the impact of the energy and heating sector on environment
- ① energy efficiency and the role of the consumer

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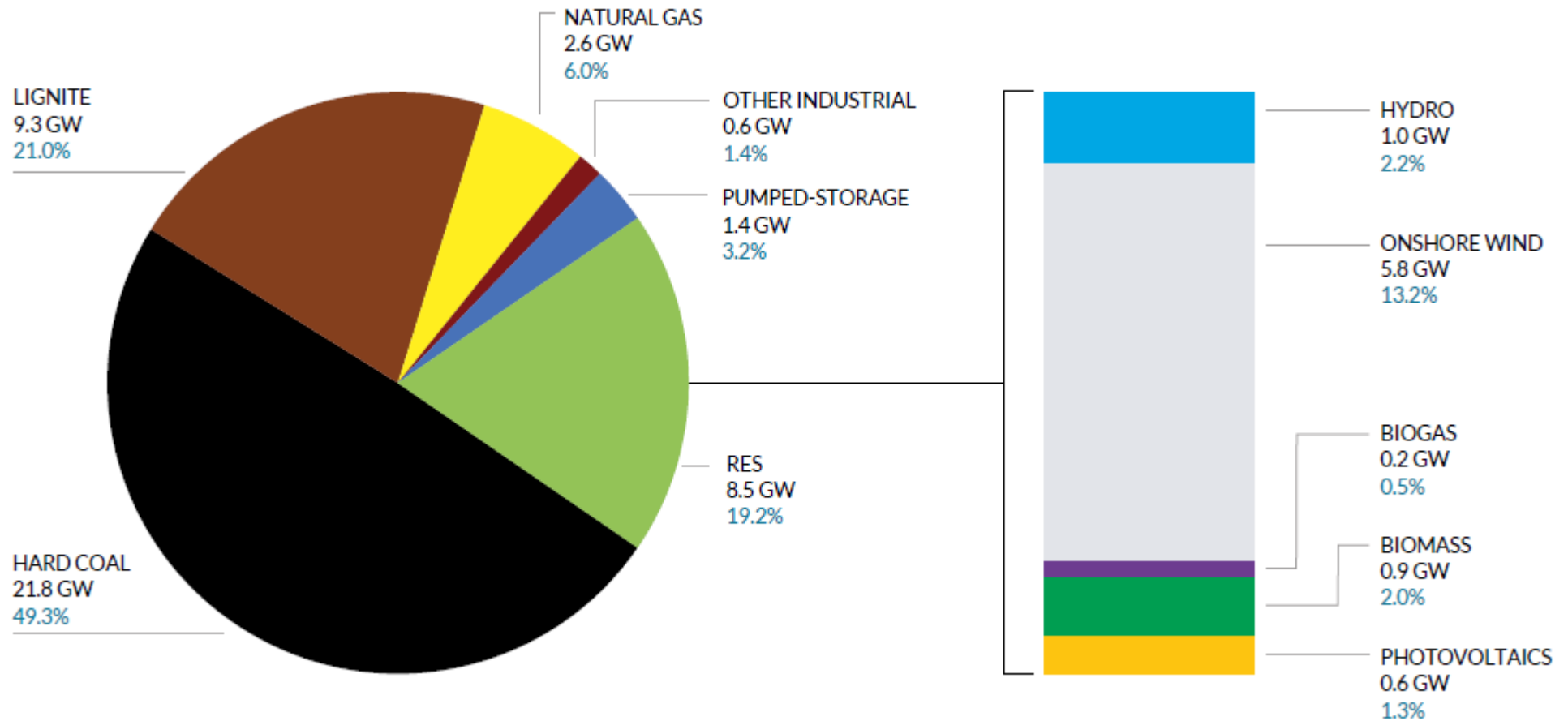
Shares of renewables

Sector	2010 [%]	2017 [%]
Electricity	6,65	13,09
H&C	11,73	14,48
Transport	6,57	4,2
Total	9,25	10,9

Source: Eurostat

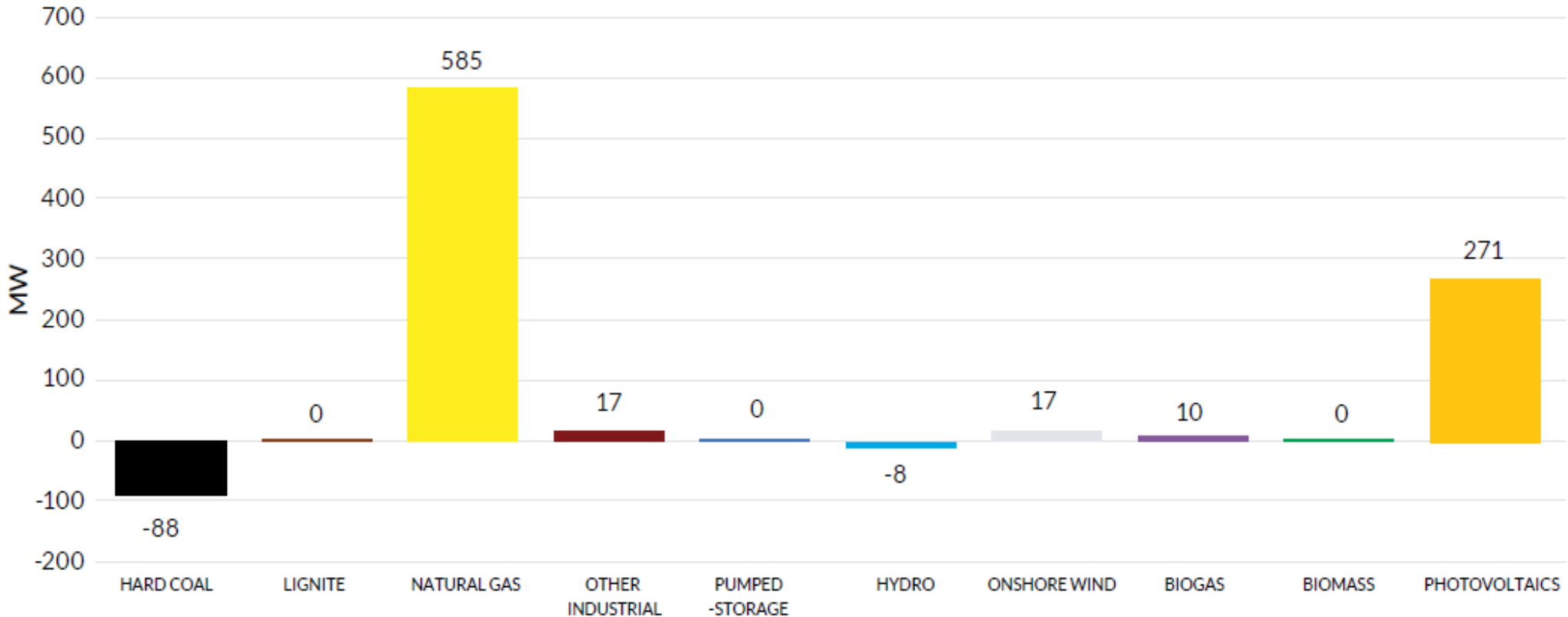
2020 RE target: **15%**

Installed capacity in 2018

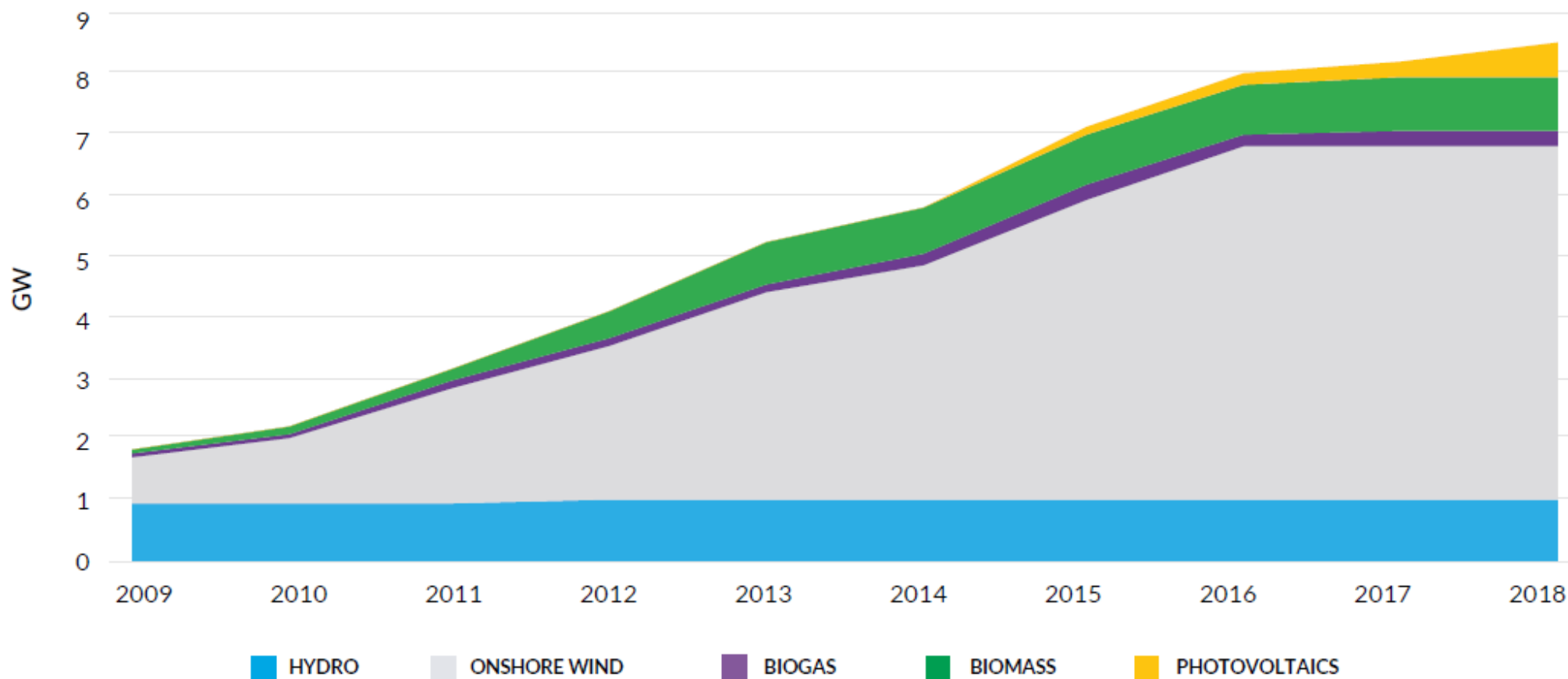


Installed capacity 2018 versus 2017

Share of gas and PV is growing



Changes in installed RES capacity



Solar PV is on the rise

Already 1 GW in the system; 156% increase in the last 12 months

Today

Micro-installations (prosumer installations)

Auctions for <1 MW installations

Tomorrow

2.2 GW of projects with implementation prospects

Also utility-scale PV

Why micro-installations?

- ✓ Grid = storage solution
- ✓ EU funds
- ✓ Government programmes „Mój Prąd” (My electricity) and „Czyste powietrze” (Clean Air)
- ✓ Tax incentives
- ✓ Clean air-related concerns
- ✓ Increasing prices of electricity

RE auctions in 2018 and 2019

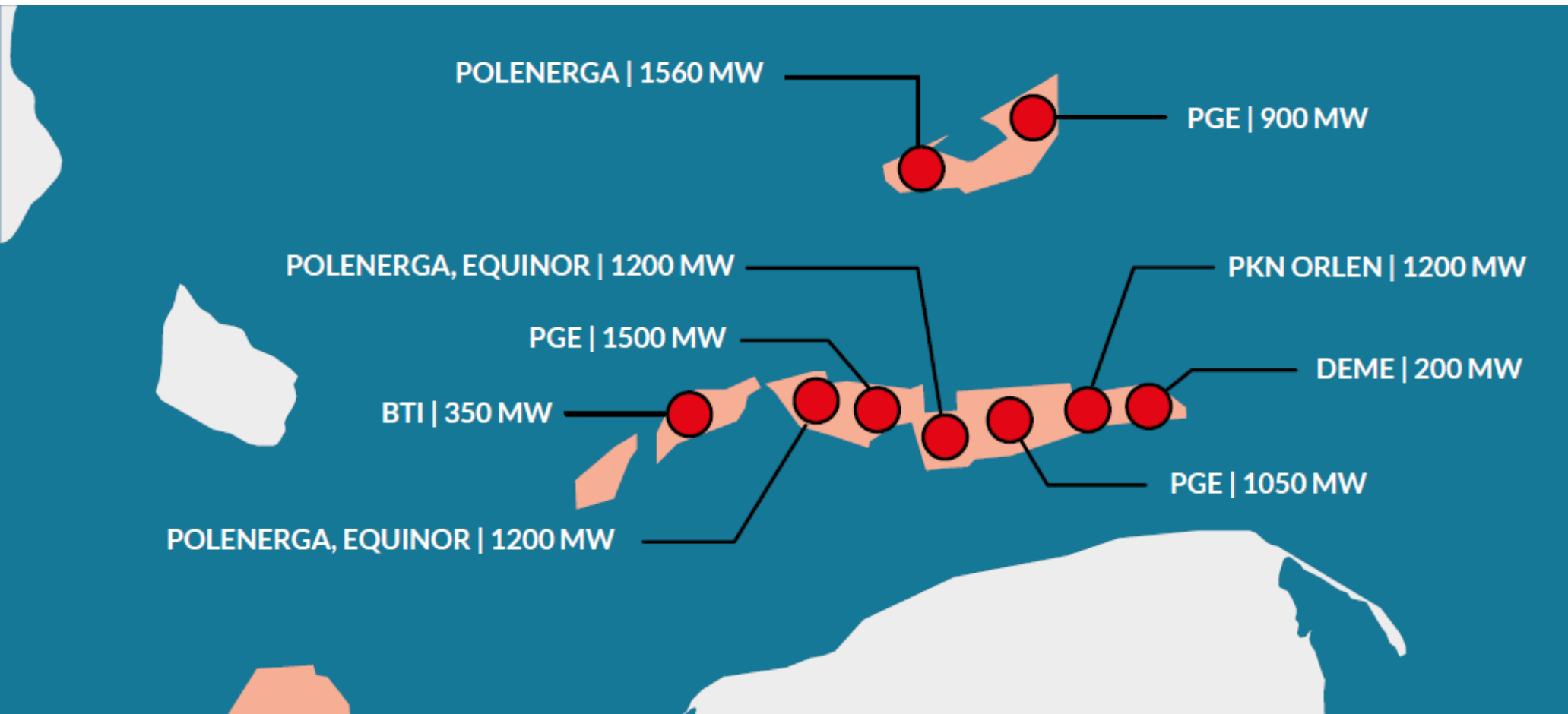


Technology [MW]	2018	2019 (planned)
Wind	1,150	2,500
Solar PV	514	750
Biomass		110
Biogas	29	30
Hydro	12	14
Total	1,705	3,414

Source: Ministry of Energy, Poland

More than 5GW of planned RE additions in the coming years

Offshore wind



8-10 GW by 2040

What we don't know yet

- **Future of onshore wind in Poland** – 10H rule prevents development of new projects
- **2030 RE target** – 21%? Or more?
- **Heating sector** - what is a strategy?
- **Transport** - how to achieve the transport targets?

Thank you for your attention

