




HELLENIC ASSOCIATION
OF PHOTOVOLTAIC
COMPANIES

ΣΥΝΔΕΣΜΟΣ ΕΤΑΙΡΙΩΝ ΦΩΤΟΒΟΛΤΑΪΚΩΝ

 energynomics **EVENTS**

**Regional
Approach**

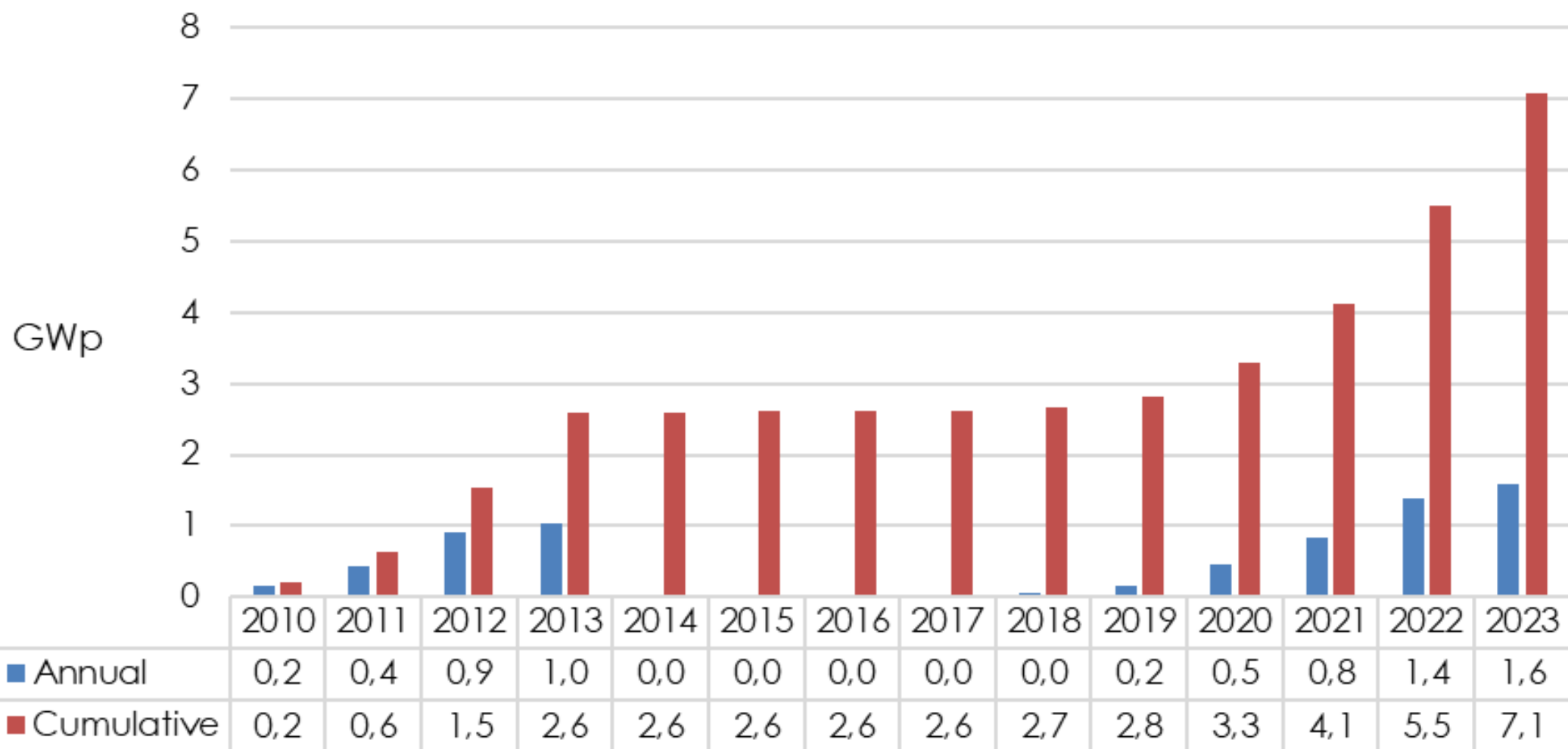
ATHENS

Stelios Psomas

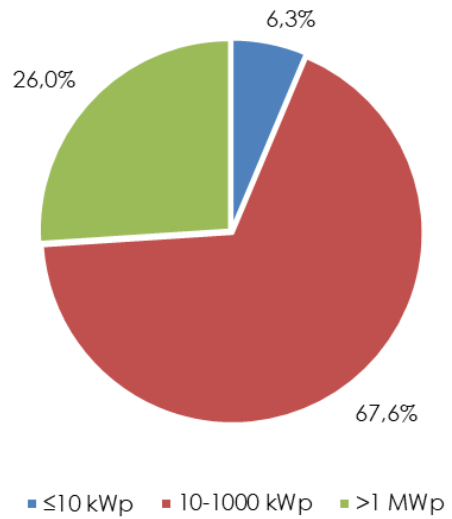
Policy Advisor, HELAPCO – Feb. 23rd, 2024

The Greek PV market landscape

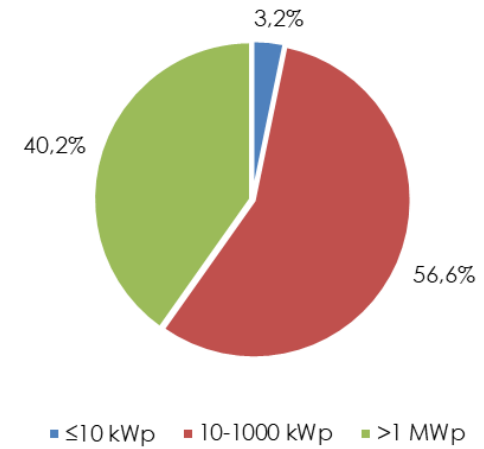
Greek PV Market Development



Greek PV Market segmentation 2010-2023



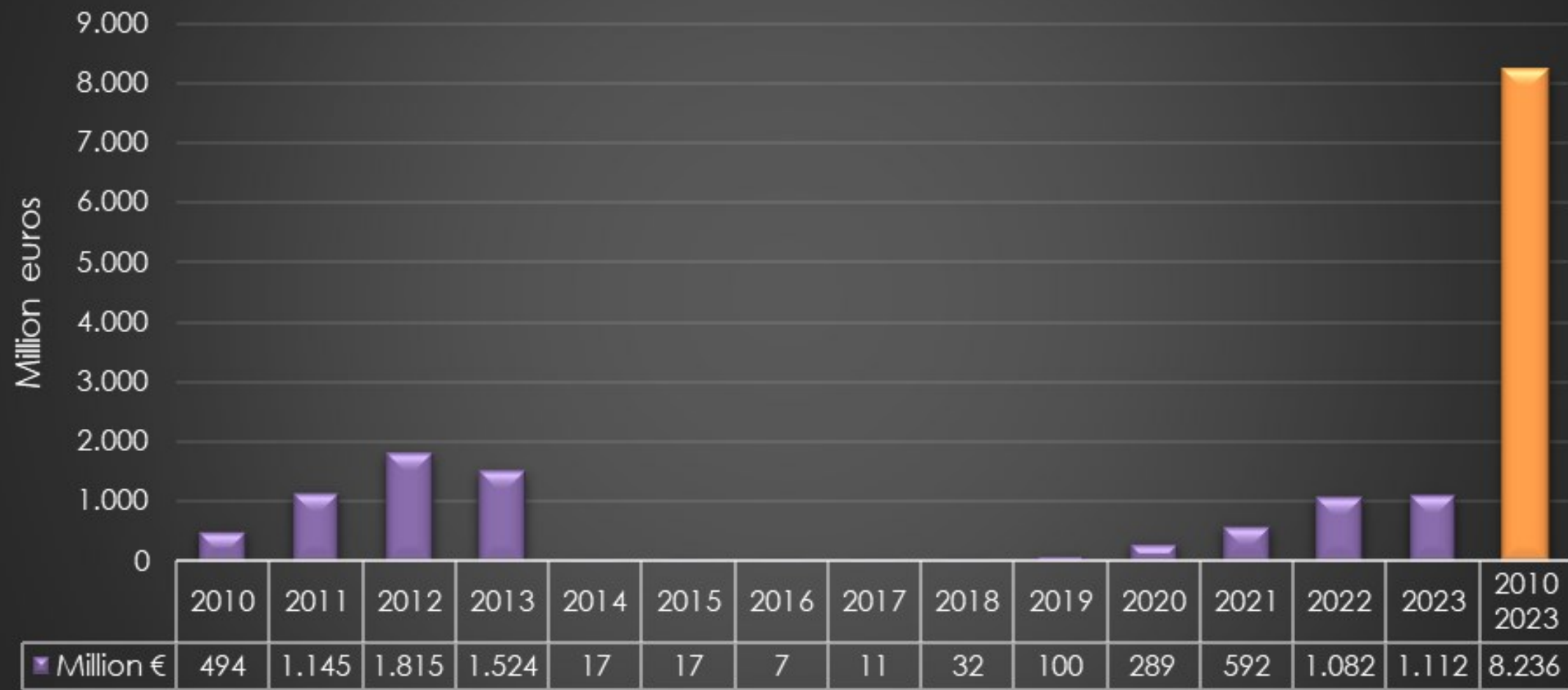
Greek PV Market segmentation (2023 installations)



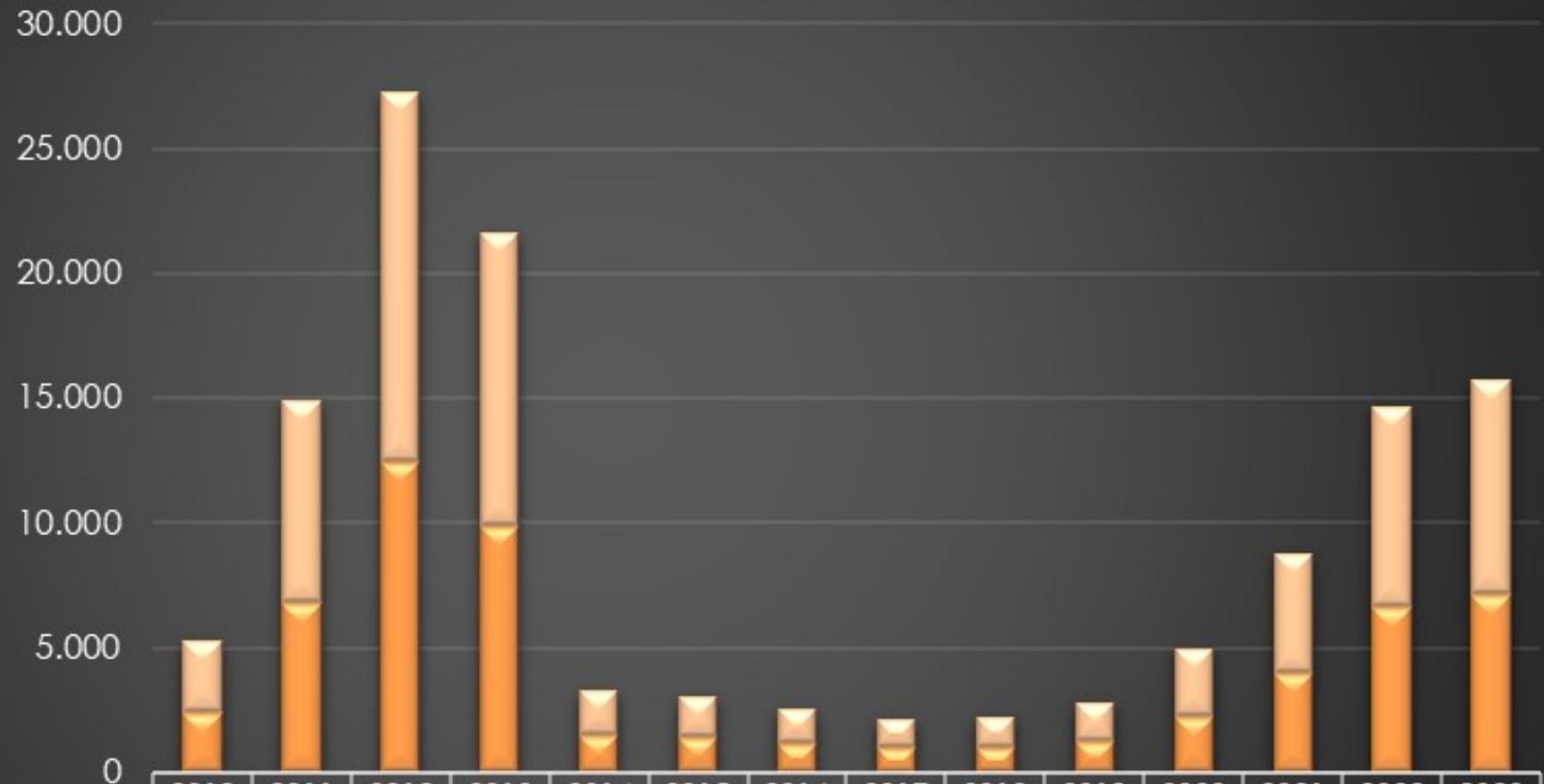
PV share in electricity production



PV investments in Greece

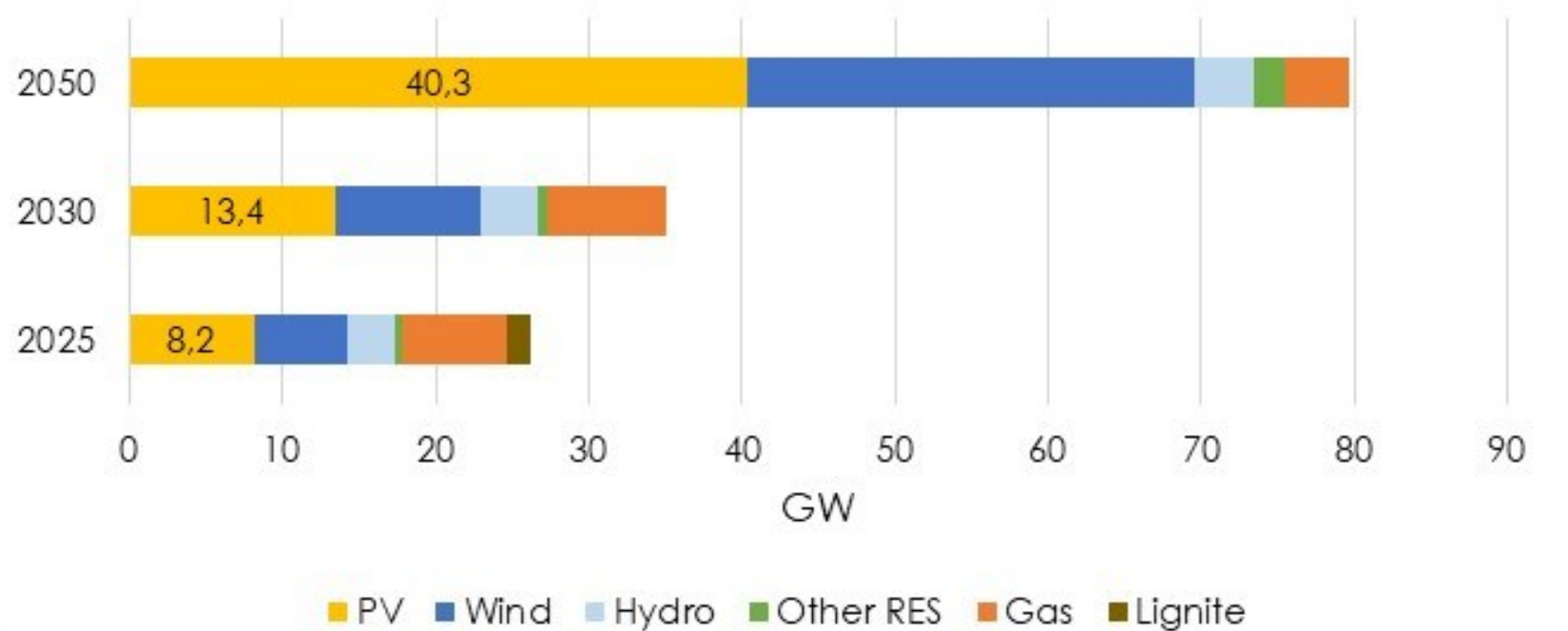


PV FTE Jobs in Greece

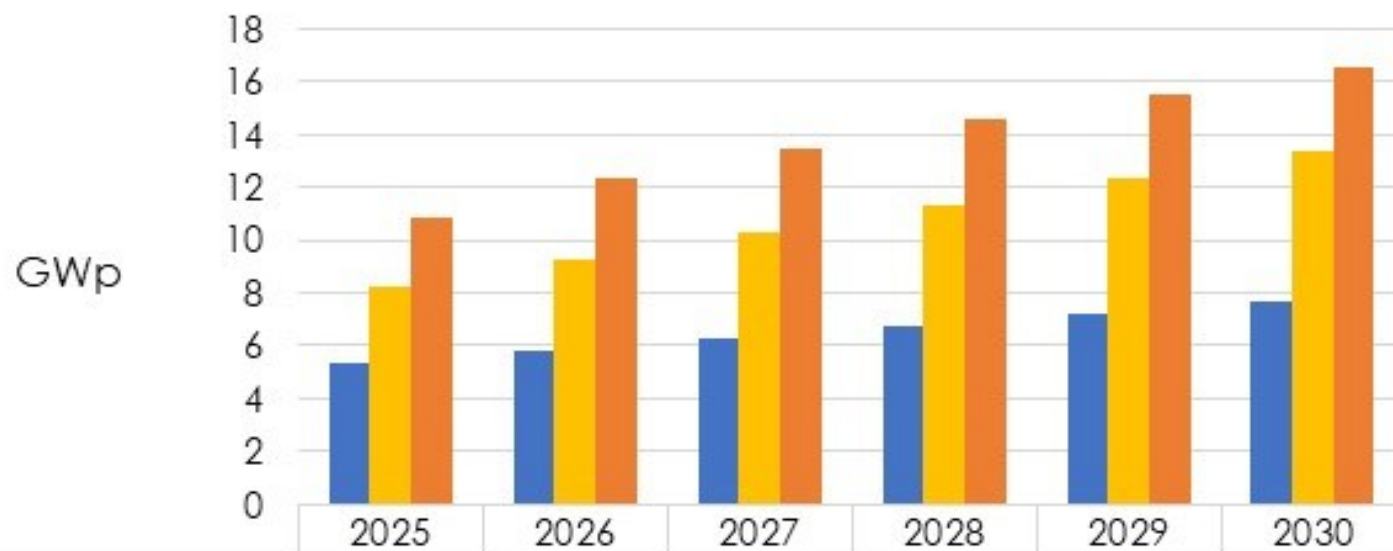


	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
■ Indirect & Induced FTE Jobs	2.890	8.160	14.890	11.810	1.790	1.680	1.420	1.190	1.200	1.520	2.700	4.790	7.990	8.580
■ Direct FTE Jobs	2.410	6.800	12.410	9.840	1.490	1.400	1.180	990	1.000	1.270	2.250	3.990	6.660	7.150

National Energy and Climate Plan (Nov. 2023) Share of various technologies in power production

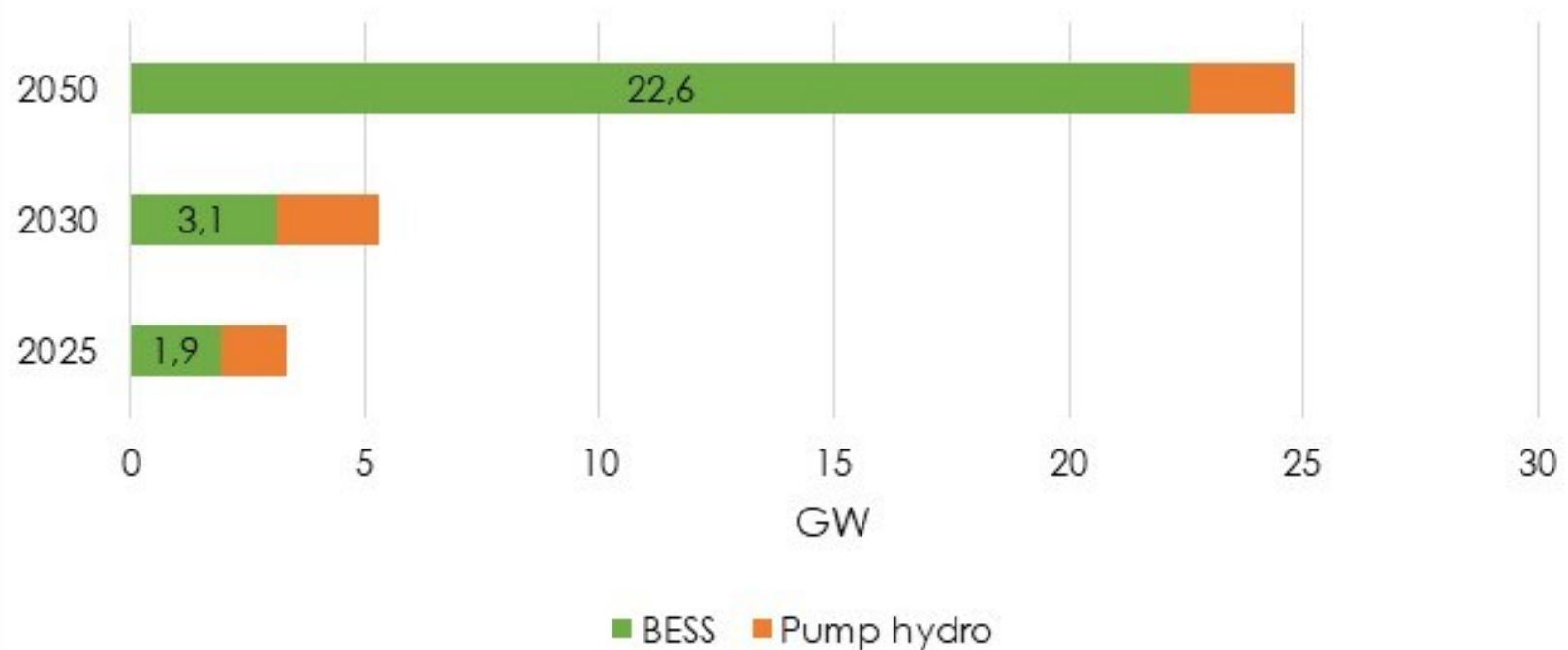


Greece Outlook - cumulative PV capacity



■ Current NECP (2019)	5,3	5,8	6,3	6,8	7,2	7,7
■ New NECP (11/2023)	8,2	9,3	10,3	11,4	12,4	13,4
■ HELAPCO's projection	10,9	12,4	13,5	14,6	15,6	16,6

National Energy and Climate Plan (Nov. 2023) Share of storage technologies



BESS tenders

A capacity of 1,000 MW, divided into three tenders, has been approved for stand-alone batteries. All successful projects must be completed and put into operation by end of 2025.

The first two tenders have already selected 711.6 MW/1,424 MWh of BESS, and a third tender is expected in Q2-2024.

The government intends to increase the capacity of auctioned stand-alone projects to 1.5-1.7 GW.

Support for Behind-the-Meter batteries is also expected as of 2024 (for all market segments).

Considering that, the draft target for 3.1 GW BESS by 2030 seems already obsolete.

Greece has recently introduced a new support scheme for customer-sited solar + storage systems

Starting in May 2023, Greek households and farmers can apply for public funds to cover the purchase and installation of small solar + storage systems up to 10.8 kW (featuring up to 10.8 kWh of storage). The grants can cover up to 75% of total cost of a system.

For households looking to install solar PV under the program, it is mandatory to add battery storage; for farmers, storage is optional. The first 1,295 small residential storage systems (12.7 MWh) have already been installed in 2023, while contracts have been signed for 8,700 more battery systems (~60 MWh) to be installed in 2024.

An additional support scheme is expected for C&I systems (zero-feed-in with or without battery).

What to expect until 2025

- More record years for PV installations.
- Auctions for PV, as well as PV+BESS
- Auctions for stand-alone BESS
- Support for residential & commercial self-consumption with batteries
- More PPAs
- More curtailments (need for enforcement of grids and storage)



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