

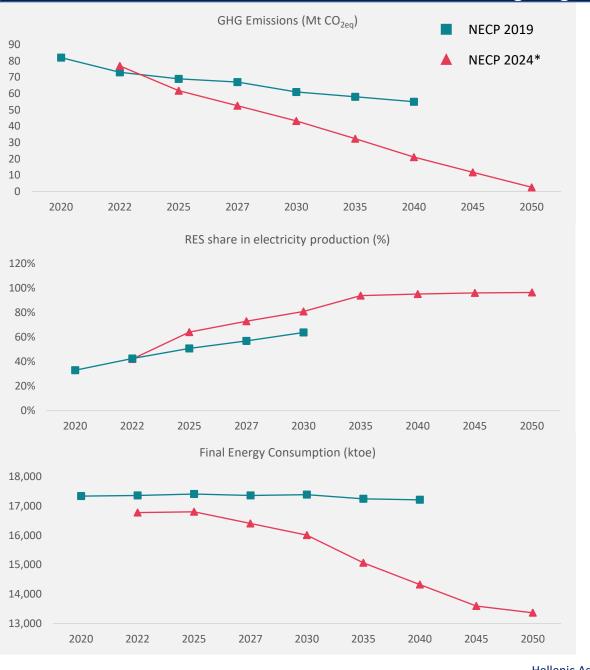
Vol.28

# A Moving Target: the Revamped NECP at a Glance



Powered by Deloitte.

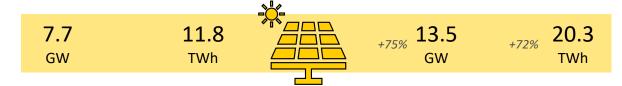
## Vol.28 A Moving Target: the Revamped NECP at a Glance



#### **2030 Targets comparison in the two NECPs**

NECP 2019 NECP 2024\*

Solar PV installed capacity (GW) and electricity generation (TWh)



Wind power (onshore & offshore) installed capacity (GW) and electricity generation (TWh)



Natural Gas installed capacity (GW) and electricity generation (TWh)



EVs (number) stock in the market



xx% change compared to the 2019 NECP

\*NECP 2024 is under consultation

## Vol.28 A Moving Target: the Revamped NECP at a Glance

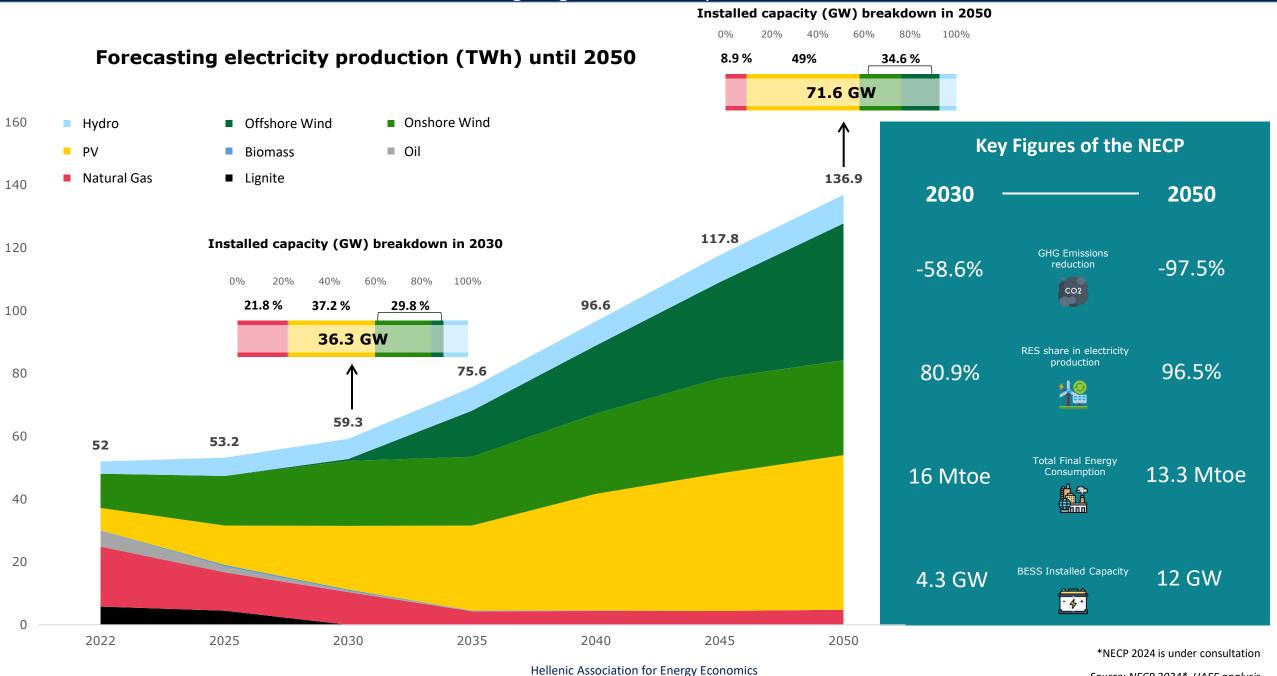


Chart of the Month - vol.28

Source: NECP 2024\*, HAEE analysis

#### Vol.28 A Moving Target: the Revamped NECP at a Glance

Greece targets a 55% reduction in greenhouse gas emissions by 2030, achieving net-zero by 2050. The roadmap to net-zero includes phasing out fossil fuels, focus on renewable energy, develop carbon capture technologies, and promote green hydrogen and biofuels, ensuring a transition to a low-carbon economy.

Greece aims to significantly increase renewable energy capacity, focusing not only on solar and wind (onshore and offshore), but also at emerging technologies such as storage systems and hydrogen. The blend of "traditional" renewable energy sources with the new ones are vital for the smooth integration of renewables in the system

**Decarbonization and Climate Neutrality** 

**NECP** 

**Renewable Energy Integration** 

**Energy Security and Infrastructure** 

Energy Efficiency and Demand

Greece focuses on the demand-side also, mainly through efficiency improvements in buildings, industries, and transportation. While electricity demand is expected to increase, energy efficiency is still an important goal for Greece. The plan includes retrofitting buildings, promoting energy-saving technologies, transitioning to electric vehicles, and expanding electrification efforts and improving public transport.

Energy security and infrastructure protection arises as key aspects of the green transition. There are numerous of under development projects, including cross-border interconnectors and grid upgrade to enhance grid's stability and also to improve the exporting profile of the country.





info@haee.gr www.haee.gr



Hellenic Association For Energy Economics (HAEE)

# **Meet the Team**

#### **HAEE Research Team**

Prof. Dr. Kostas Andriosopoulos Editor-in-chief Audencia Business School; BoD Member, HAEE

Konstantinos Sfetsioris Senior Project Manager, HAEE

Ilias Tsopelas
Energy Analyst, HAEE

#### **Deloitte Team**

Konstantinos Eleftheriadis, Partner | Financial Advisory Services, Energy, Resources and Industrials Leader, Deloitte Greece

Dr. Konstantinos Bergeles, Principal | Financial Advisory Services, Energy, Resources and Industrials, Deloitte Greece

Ioannis Kouloumpis, Assistant Manager | Financial Advisory Services, Energy, Resources and Industrials, Deloitte Greece

Energy, Resources & Industrials | Deloitte

Powered by

