



ΕΘΝΙΚΟ ΑΣΤΕΡΟΣΚΟΠΕΙΟ ΑΘΗΝΩΝ
ΙΝΣΤΙΤΟΥΤΟ ΕΡΕΥΝΩΝ ΠΕΡΙΒΑΛΛΟΝΤΟΣ & ΒΙΩΣΙΜΗΣ ΑΝΑΠΤΥΞΗΣ
Ι. ΜΕΤΑΞΑ & Β. ΠΑΥΛΟΥ, ΠΕΝΤΕΛΗ, 15236 ΑΘΗΝΑ



Ημερίδα (μέσω Zoom)

**«Πράσινες επενδύσεις για μηδενικές εκπομπές άνθρακα στην Ελλάδα
έως το 2050»**

Πέμπτη 10 Ιουνίου 2021, 3 - 5.30 μ.μ.

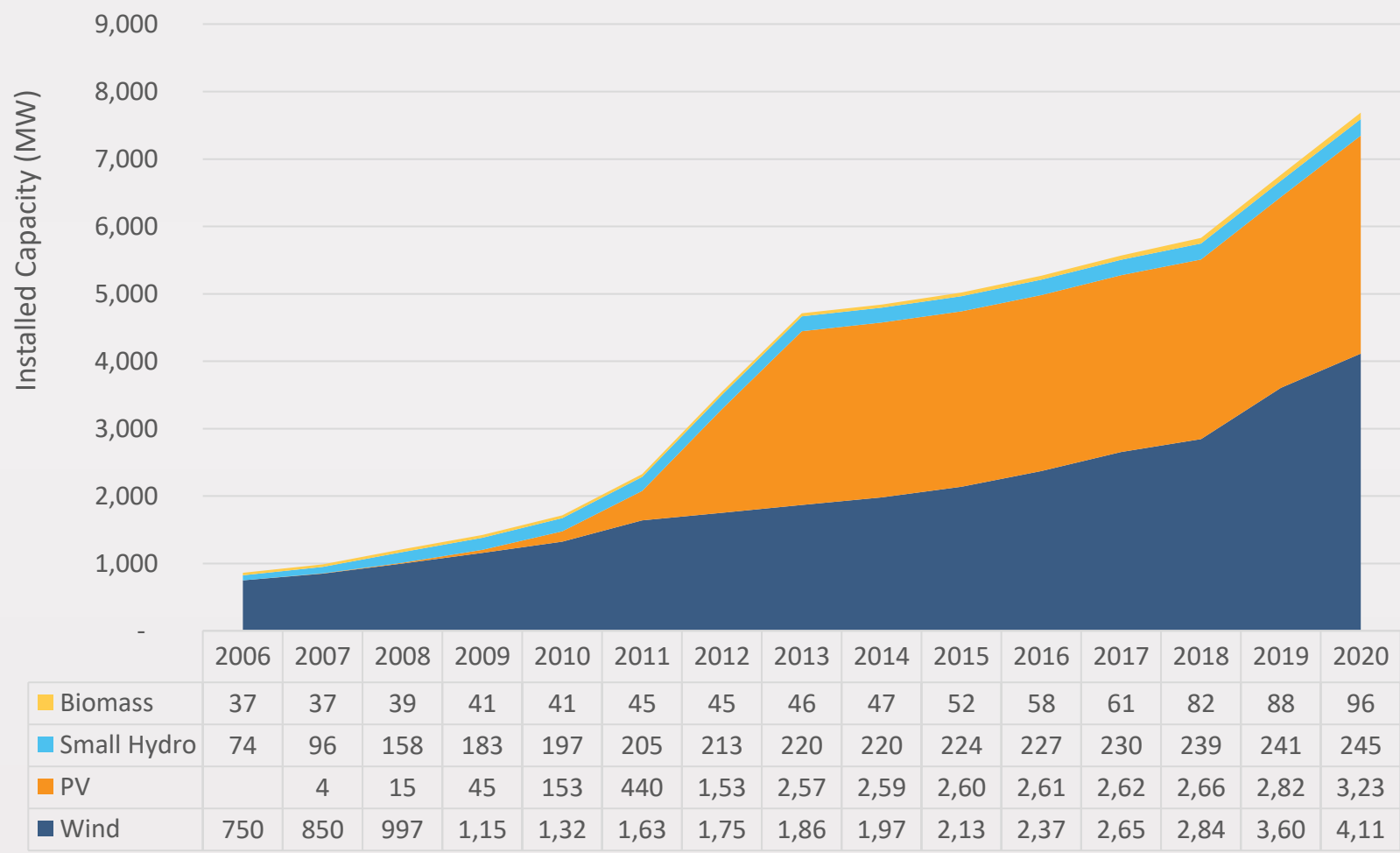
Wind Energy in Greece: Current status, prospects and challenges



Panagiotis G. Papastamatiou
Hellenic Wind Energy Association, CEO

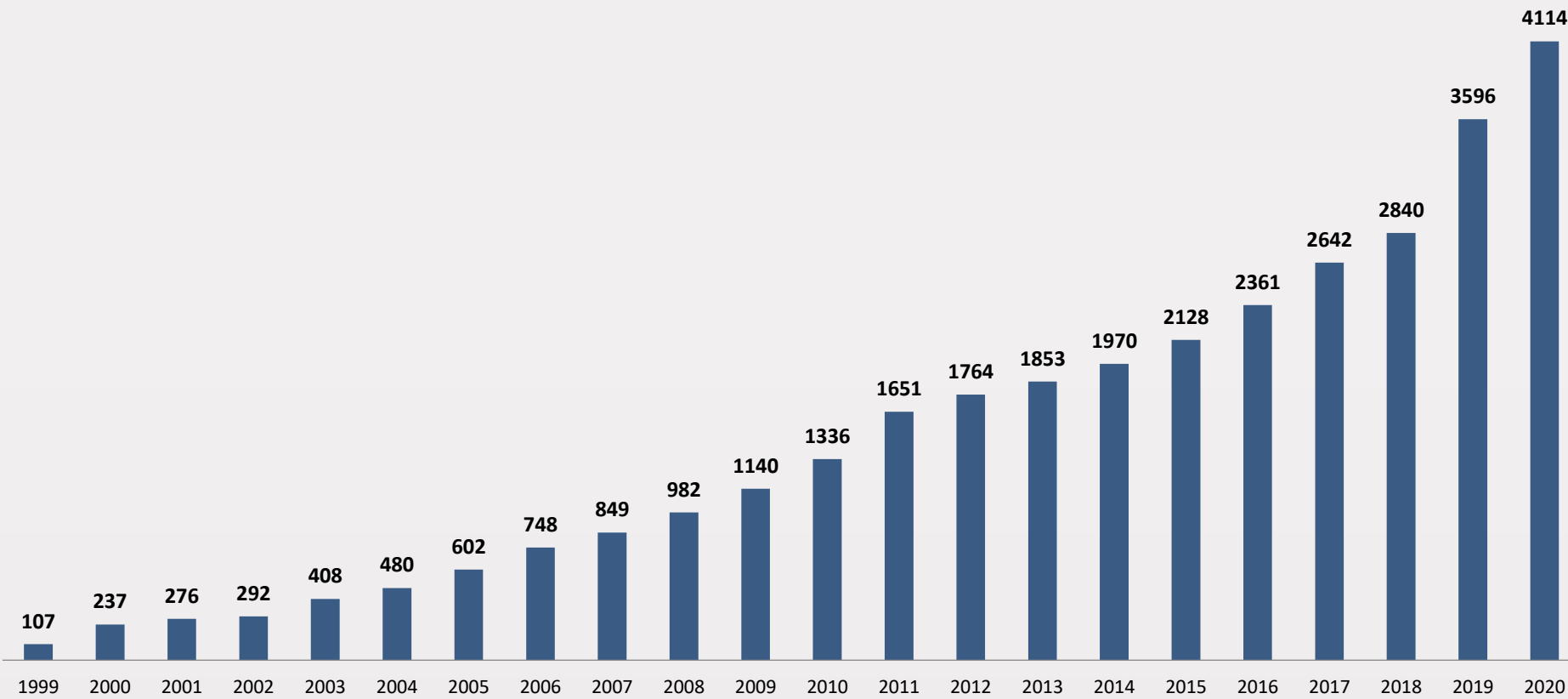


Development of RES over time (2006-2020)





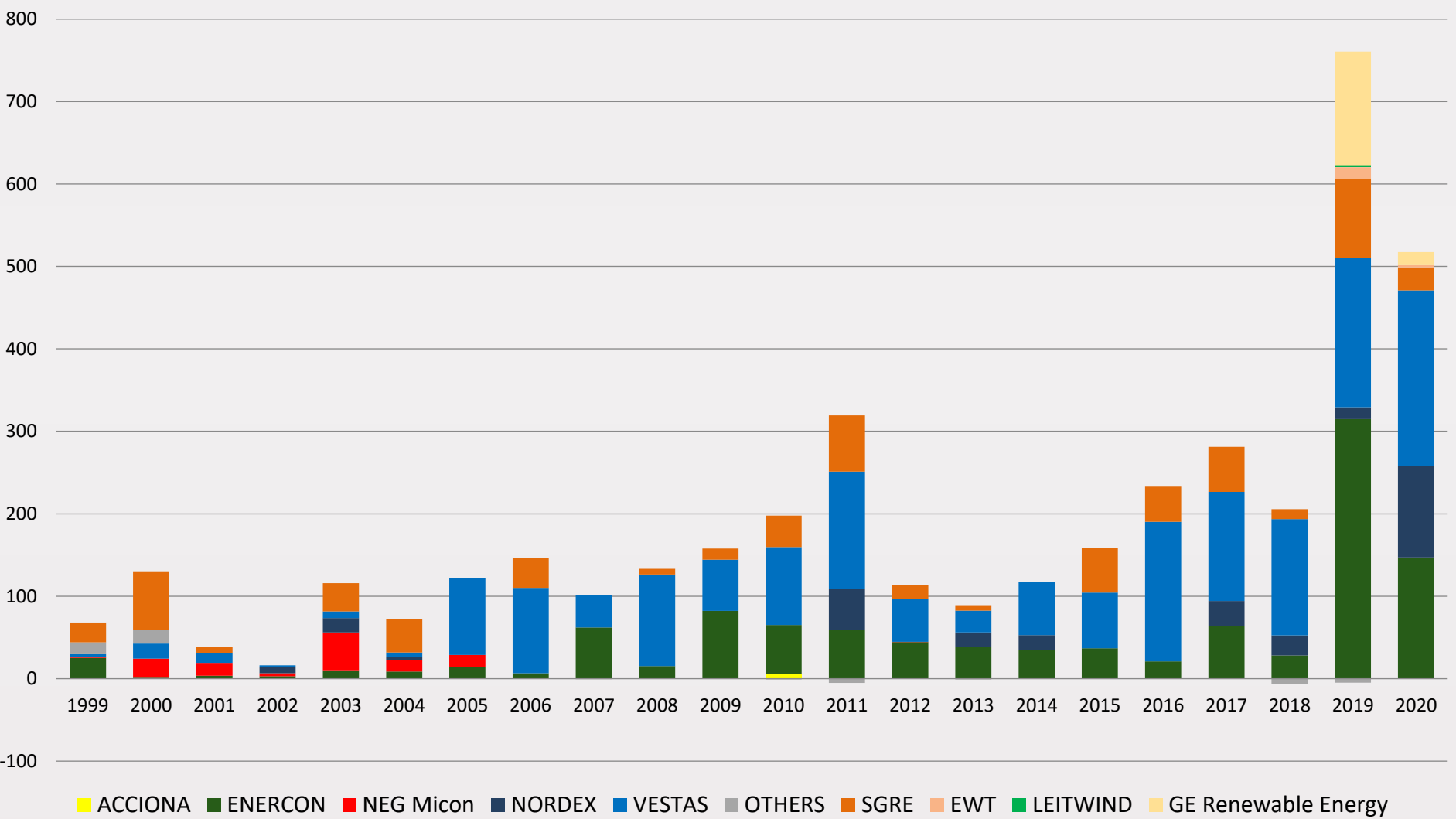
Total capacity to the grid (MW) per year



The HWEA Wind Energy Statistics take into account the wind capacity which is in commercial or test operation in Greece and are based on sources from the market actors. HWEA has made effort to crosscheck and confirm the data. However, HWEA does not guarantee the accuracy of them and do not undertake any relevant liability.



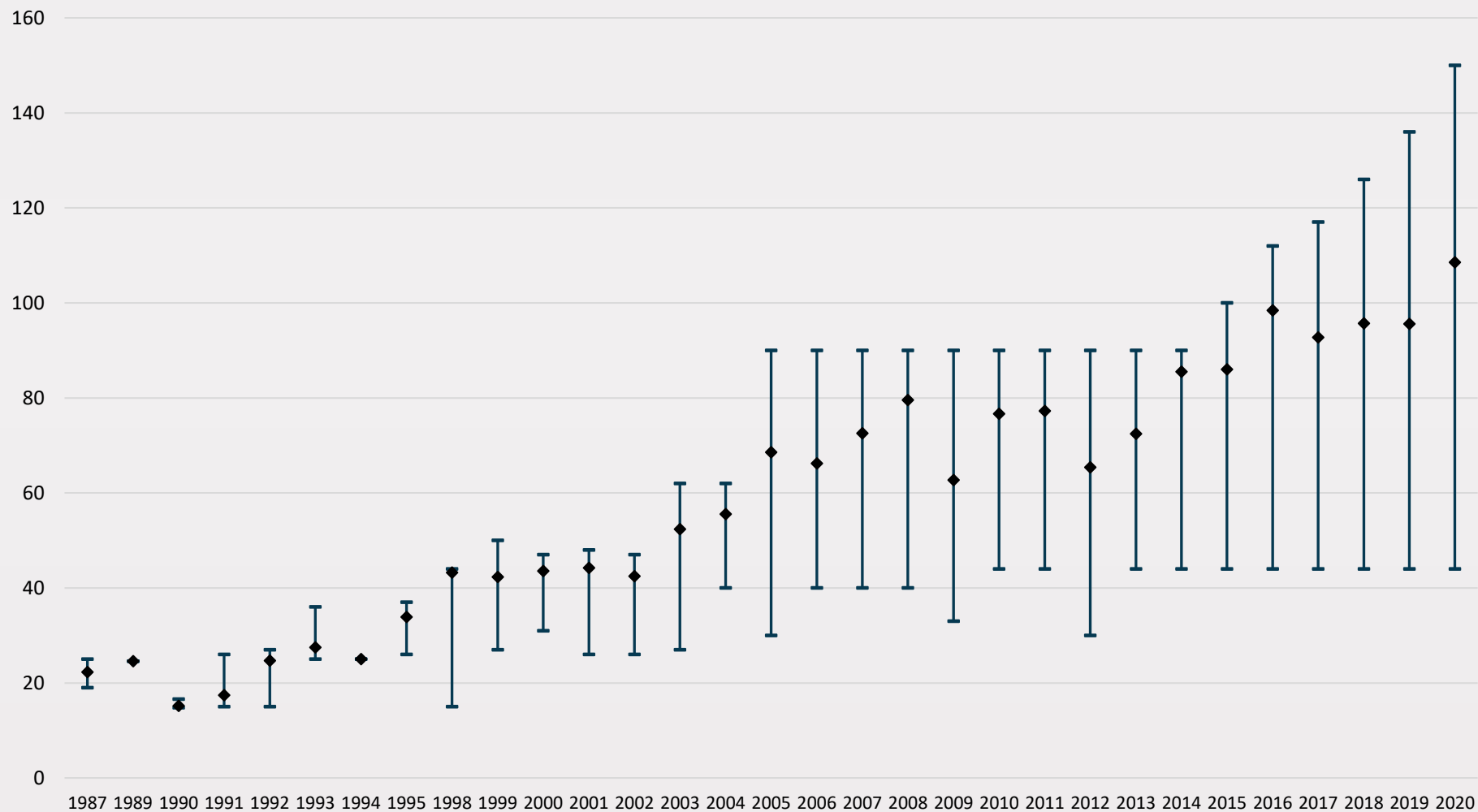
Capacity (MW) per year per manufacturer





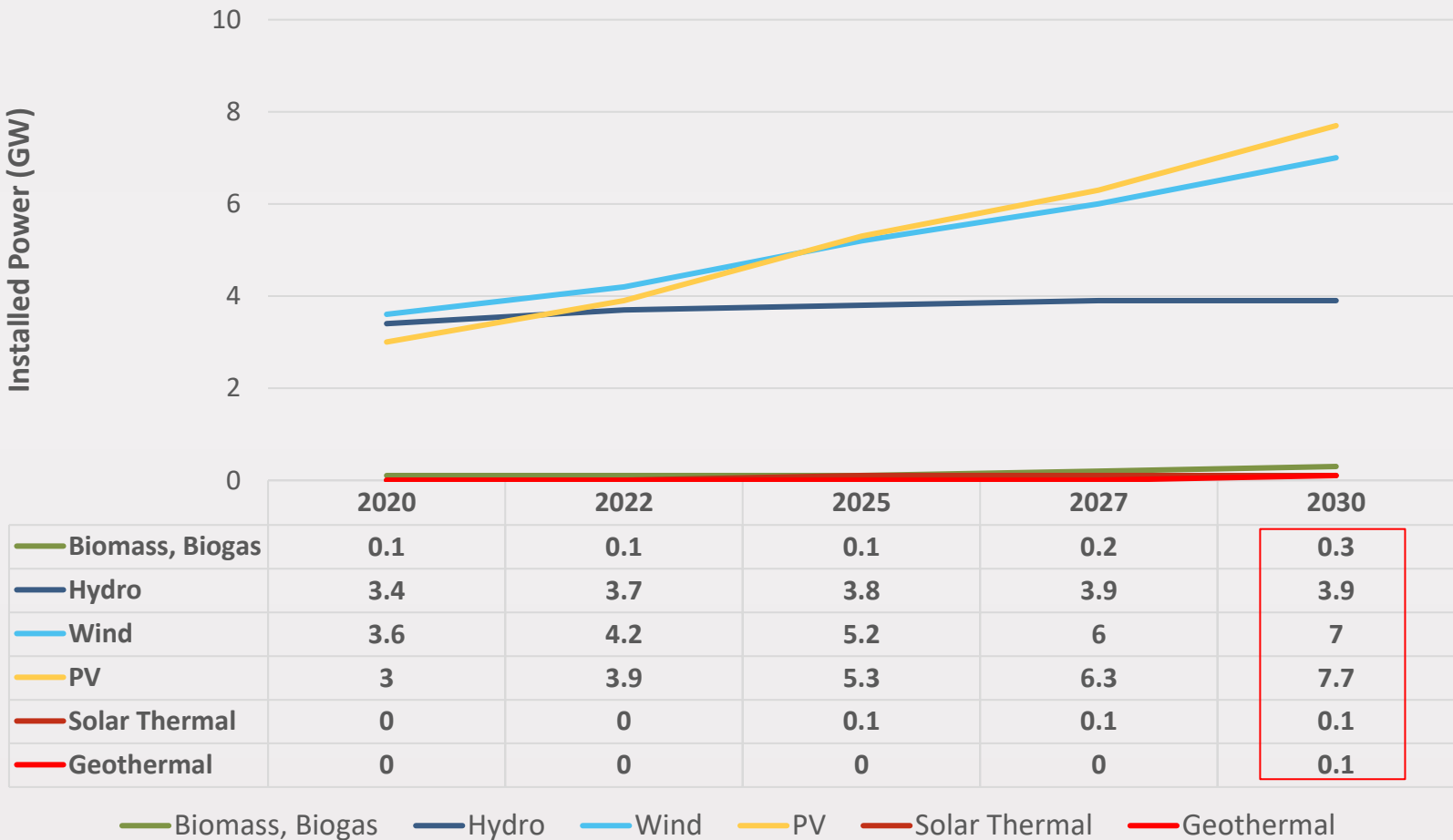


Min / Max / Weighted average - Rotor Diameter Per Year





Power Generation - Installed power (GW)

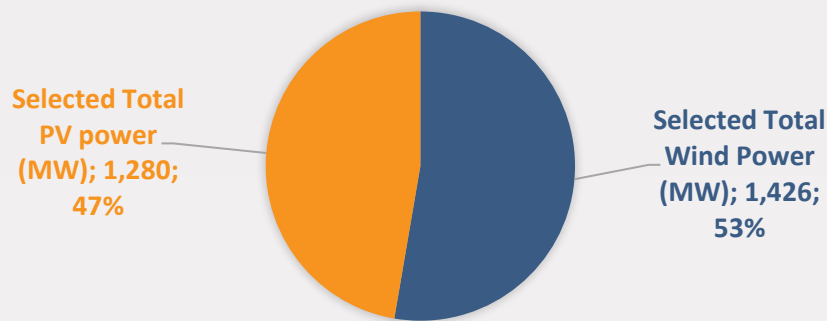




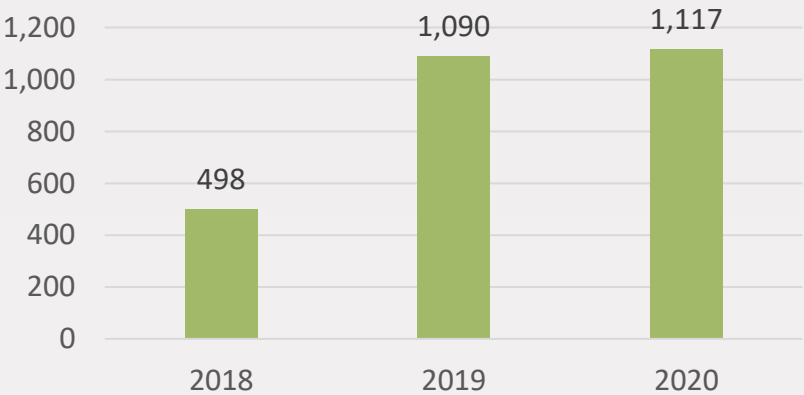
Main facts of the 13 Auctions conducted in the period 2018-2020

- More than 2.705MW of PV and Wind projects were selected in 13 conducted auctions, not including the recent common auction of May 2021

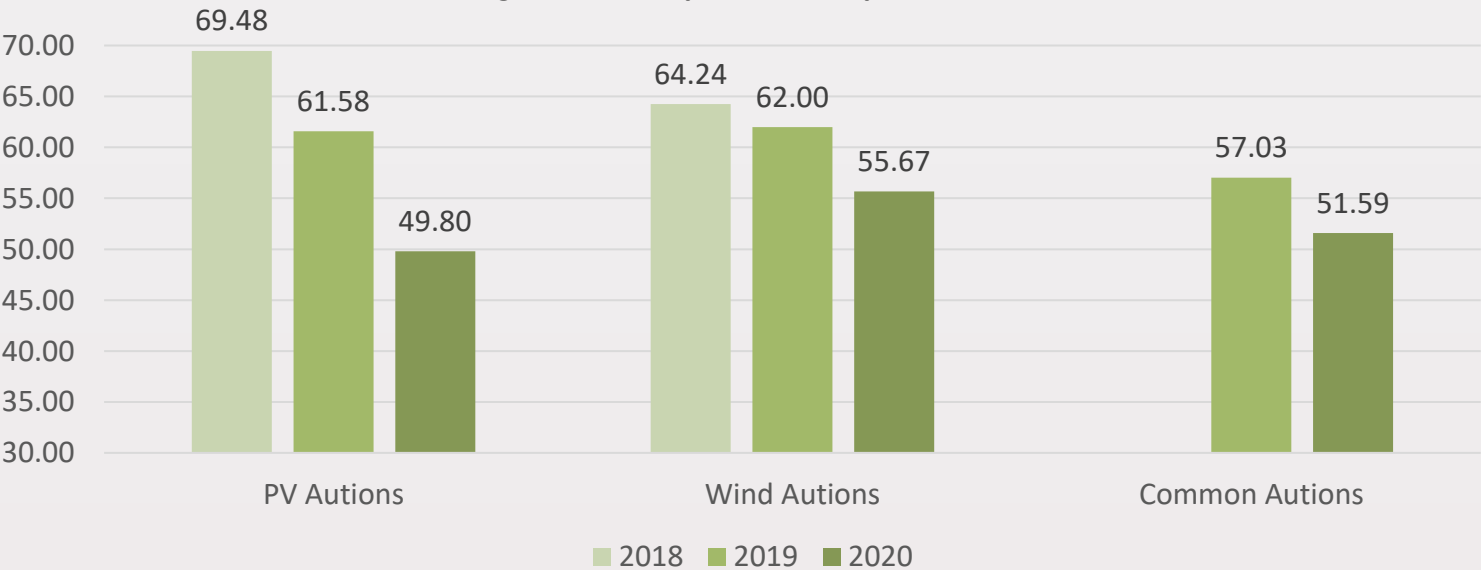
**POWER SELECTED THROUGH AUCTION
PROCEDURES IN THE PERIOD 2018-2020 (MW)**



**POWER SELECTED THROUGH AUCTION
PROCEDURES PER YEAR (MW)**



Average RV of competitive RES procedures (€/MWh)





RECENT DEVELOPMENTS



New target 2030

The renewables target for 2030 will be increased



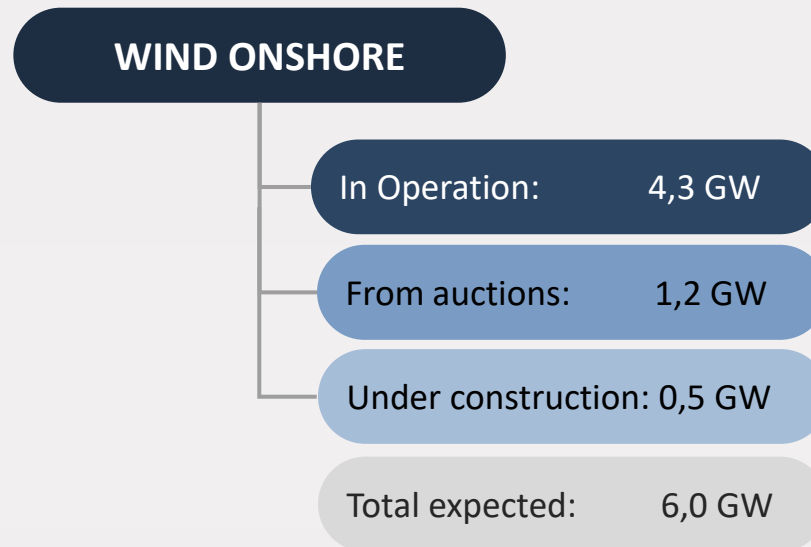
Auction's procedures

Based on the Ministry's announcements: Extension of the tender procedures for wind onshore and PV projects up to 2024 at the latest, for 2.1 GW in total (plus 1GW?)



New auction scheme

Based on the Ministry's announcements, the new scheme will incorporate improvements in its architecture compared to the existing one.



Total difference up to 2030: 1 GW + Increase of target for 2030 + Capacities beyond the target



PROSPECTS & CHALLENGES

- Meeting the updated target for 2030 is realistic but we need a lot of efforts from everyone
- Focus on the licensing simplification
- New auctioning system – Need for technology specific auctions
- Grids – International interconnections
- Next big thing: Storage | Offshore Wind
- Public awareness - Acceptance



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Thank you!



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