



# Public Power Corporation

Financial Results H1 2023

August 3, 2023

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## Presenting Team

**Georgios  
Stassis**  
*Chairman & CEO*



**Konstantinos  
Alexandridis**  
*CFO*



## Today's agenda

1. Financial performance

Konstantinos Alexandridis - Chief Financial Officer

2. Overview of Major developments & Outlook

Georgios Stassis - Chairman and CEO



Presenter

Konstantinos  
Alexandridis  
*CFO*



1. Financial performance



# Profitability continues to improve and capex to ramp up

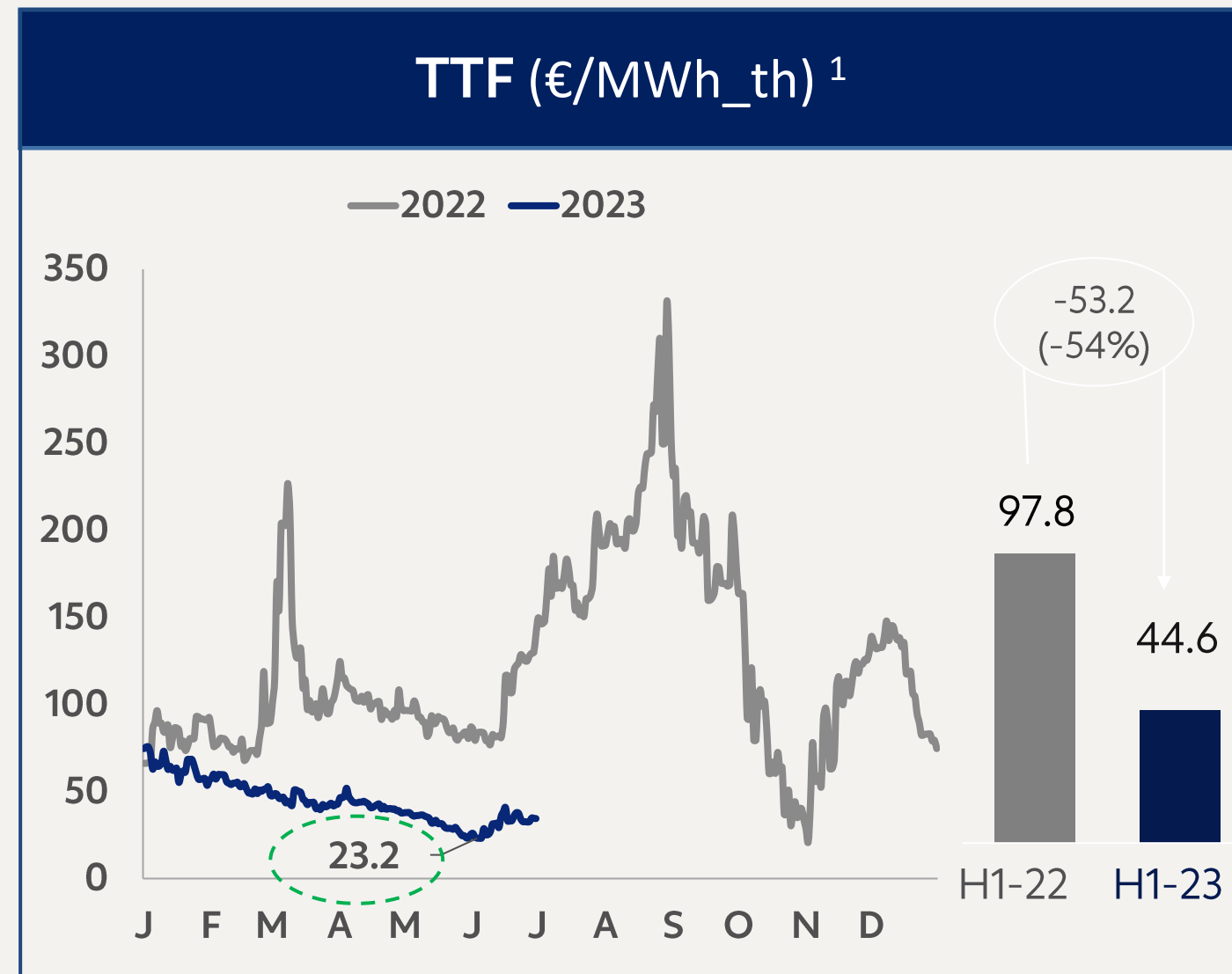


(€m)	H1 2023	H1 2022	Δ(%)	Q2 2023	Q2 2022	Δ(%)
Revenues	3,582	4,392	-18%	1,589	2,145	-26%
Recurring EBITDA	590	429	37%	309	259	19%
<i>One-offs</i> <sup>1</sup>	-11	0		-11	0	
Reported EBITDA	578	429	35%	298	259	15%
Pre - tax Profits/(Losses)	280	2		206	32	542%
Net Income/(Loss) <sup>2</sup>	181	-11		130	175	
Capital expenditure	448	244	83%	252	142	77%
Free Cash Flow	-670	-176		-75	-3	

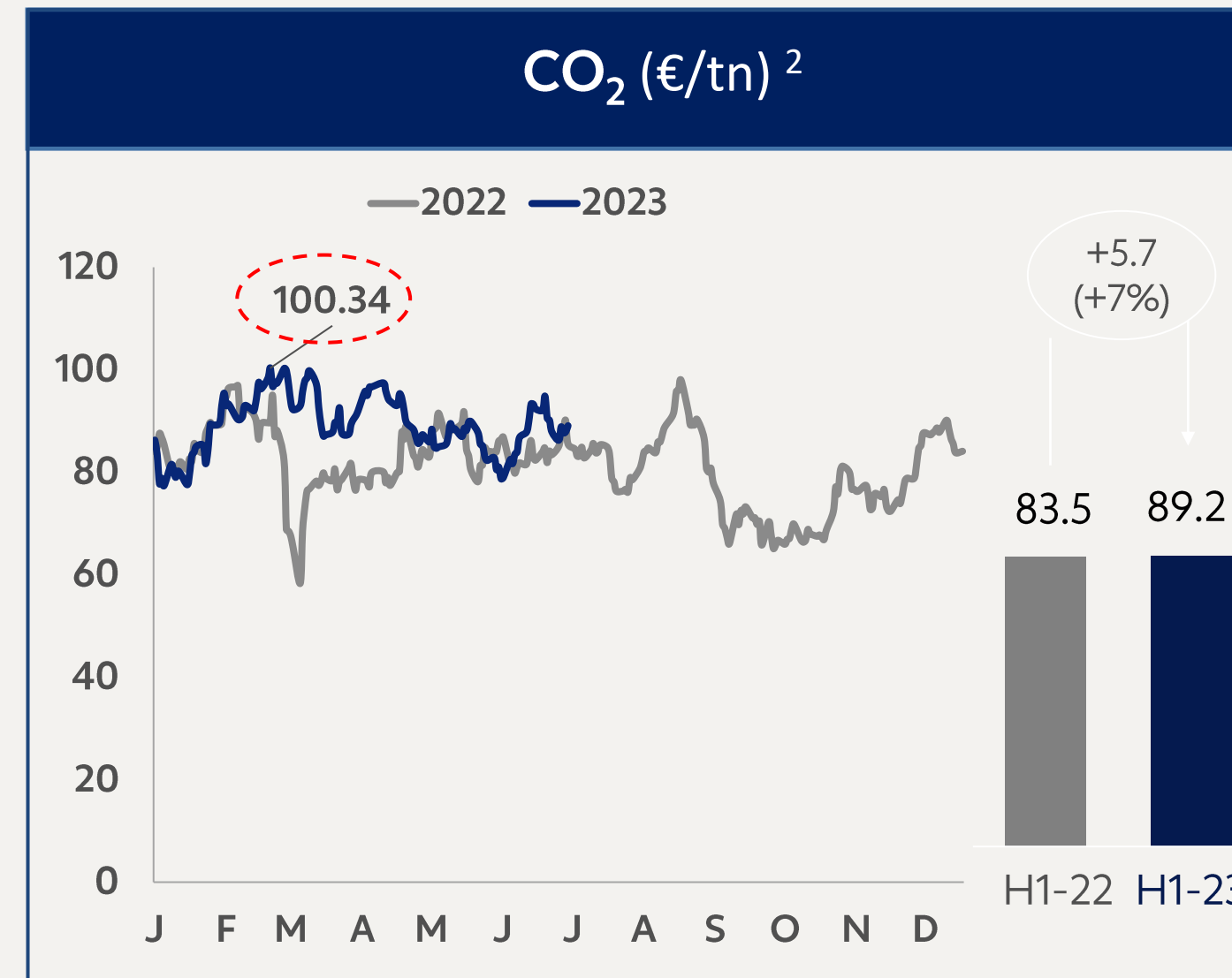
(€m)	30.06.2023	31.12.2022	Δ(%)
Net Debt	2,177	1,388	57%
Net Debt / EBITDA	2.0x	1.5x	

1. H1 2023 figures have been adjusted for the provision for personnel's severance payment of €11.4m. 2. Net Income of Q2 2023 has been positively impacted by the capital gain from the sale of the newly established subsidiary METALIGNITIKI S.A. of 100% of its shares to the Greek State after the completion of the hive-down of the Post-Lignite Exploitation branch of PPC S.A.

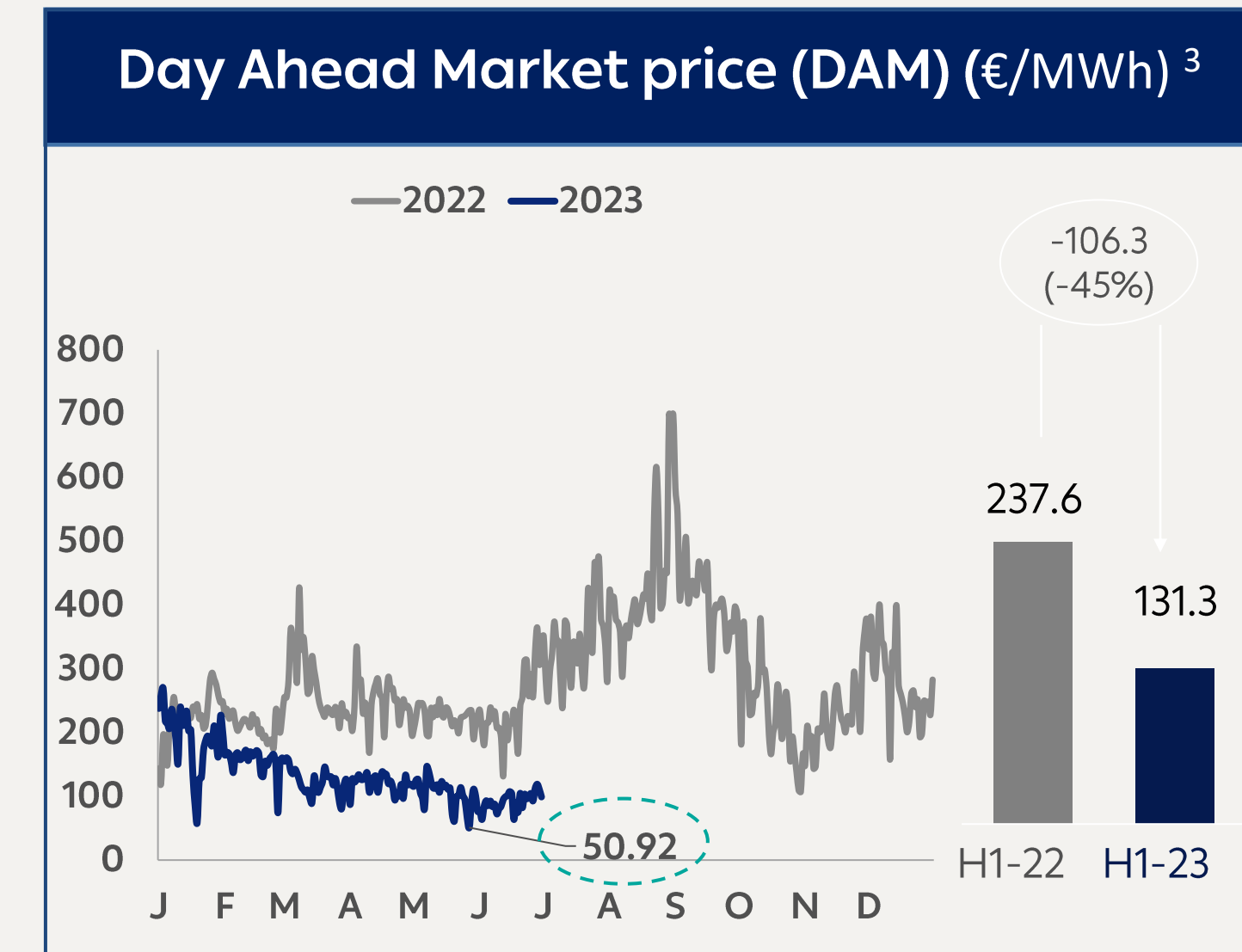
# Gradual normalization of commodity prices in H1 2023



- Downward trend in European gas prices since the start of 2023, amid comfortable supply, soft fundamentals and a sustained drop in industrial gas demand. Upward move in June on higher temperatures and decreased Norwegian supply
- Lower H1-23 TTF price by €53.2/MWh\_th (€44.6/MWh\_th vs €97.8/MWh\_th)



- EUA prices moving in a channel between €80-95/tn in H1 2023. Upward move in June but emissions continue to soften in 2023 on low load, renewables and fuel switch.
- Higher H1-23 CO<sub>2</sub> market price by €5.7/tn (€89.2/tn vs €83.5/tn)



- Bearish gas-power feedback loop persists with no sign yet of demand recovery
- Lower H1-23 DAM price by €106.3/MWh (€131.3/MWh vs €237.6/MWh)

- Bearish gas-power feedback loop in H1 2023
- CO<sub>2</sub> price demonstrated a neutral trend in H1 2023

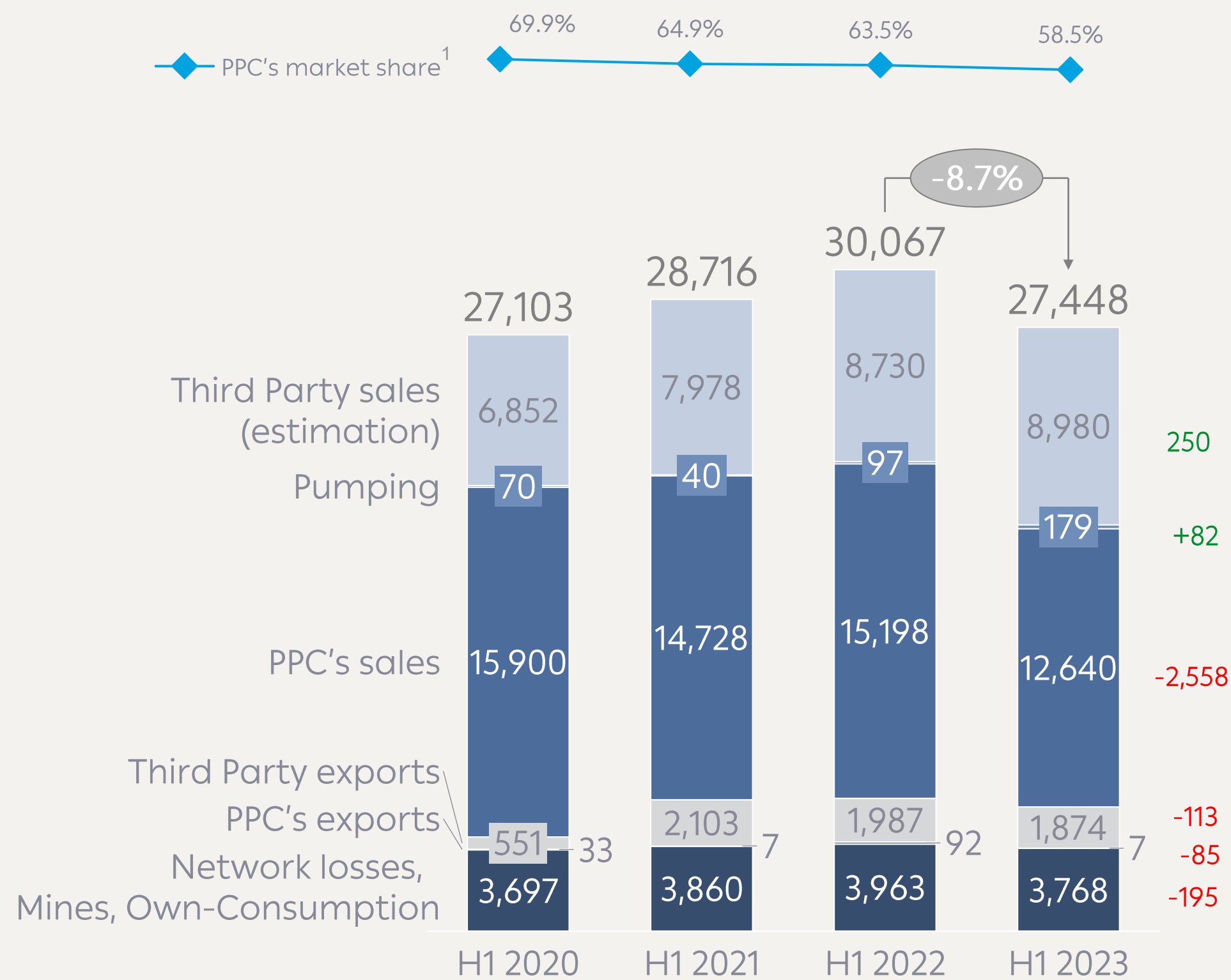
1. Source: EEX TTF Daily Spot prices. 2. Source: ICE EUAs Daily Futures (Dec-22 & Dec-23 accordingly). 3. Source: HENEX.  
 Note: The gas supply contracts in Greece are priced on the basis of the previous month's average on the TTF M+1, as published by ICS Heren ("Heren Monthly indices")

# Demand reduction remains considerable pushing electricity generation down as well



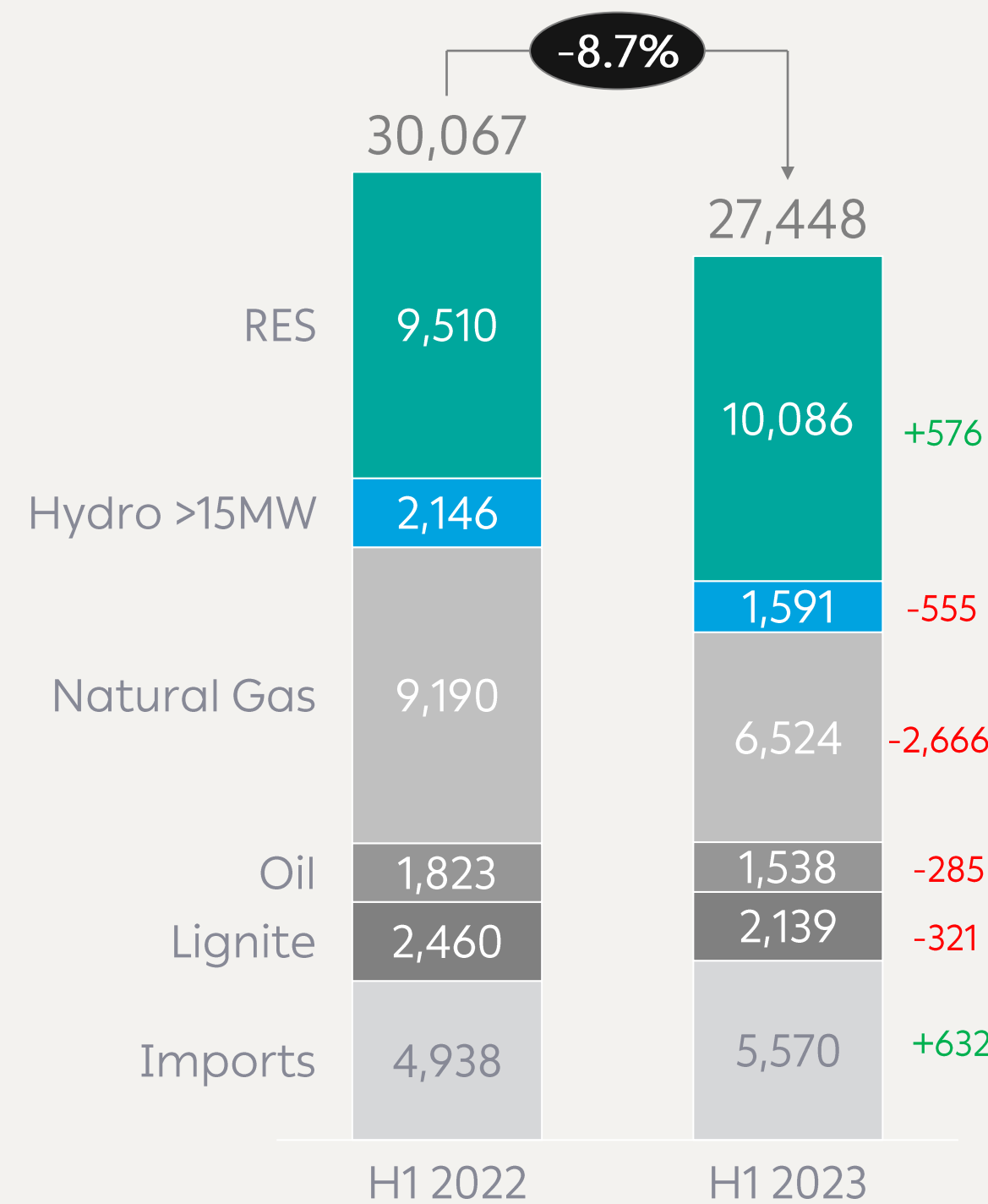
## Electricity Demand (GWh)

### GREECE

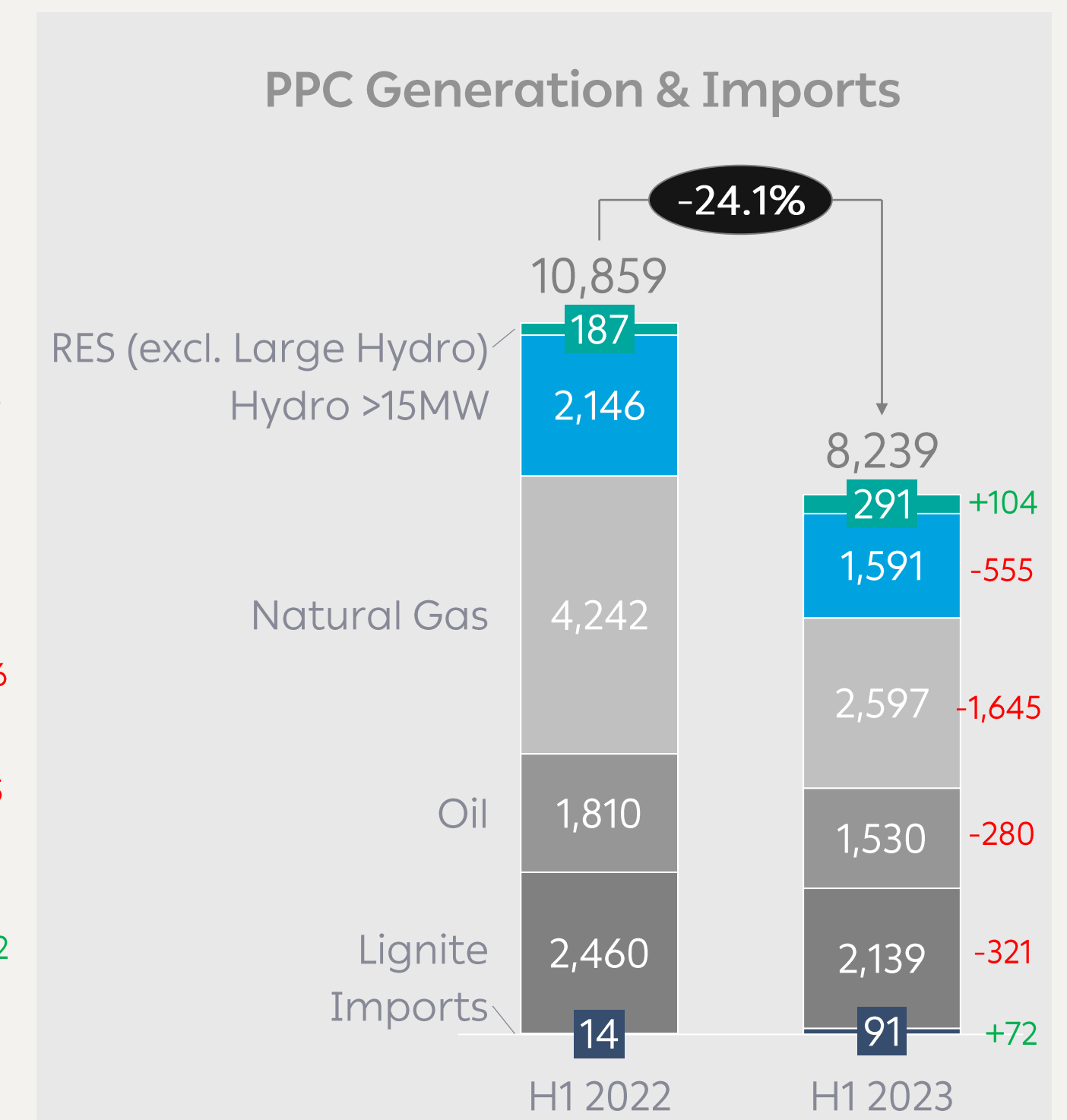


## Total Electricity Generation & Imports (GWh)

### GREECE



### PPC



- Total electricity demand and domestic demand decreased by 8.7% in H1 2023 driven by milder weather conditions as well as due to the energy efficiency incentives<sup>2</sup>

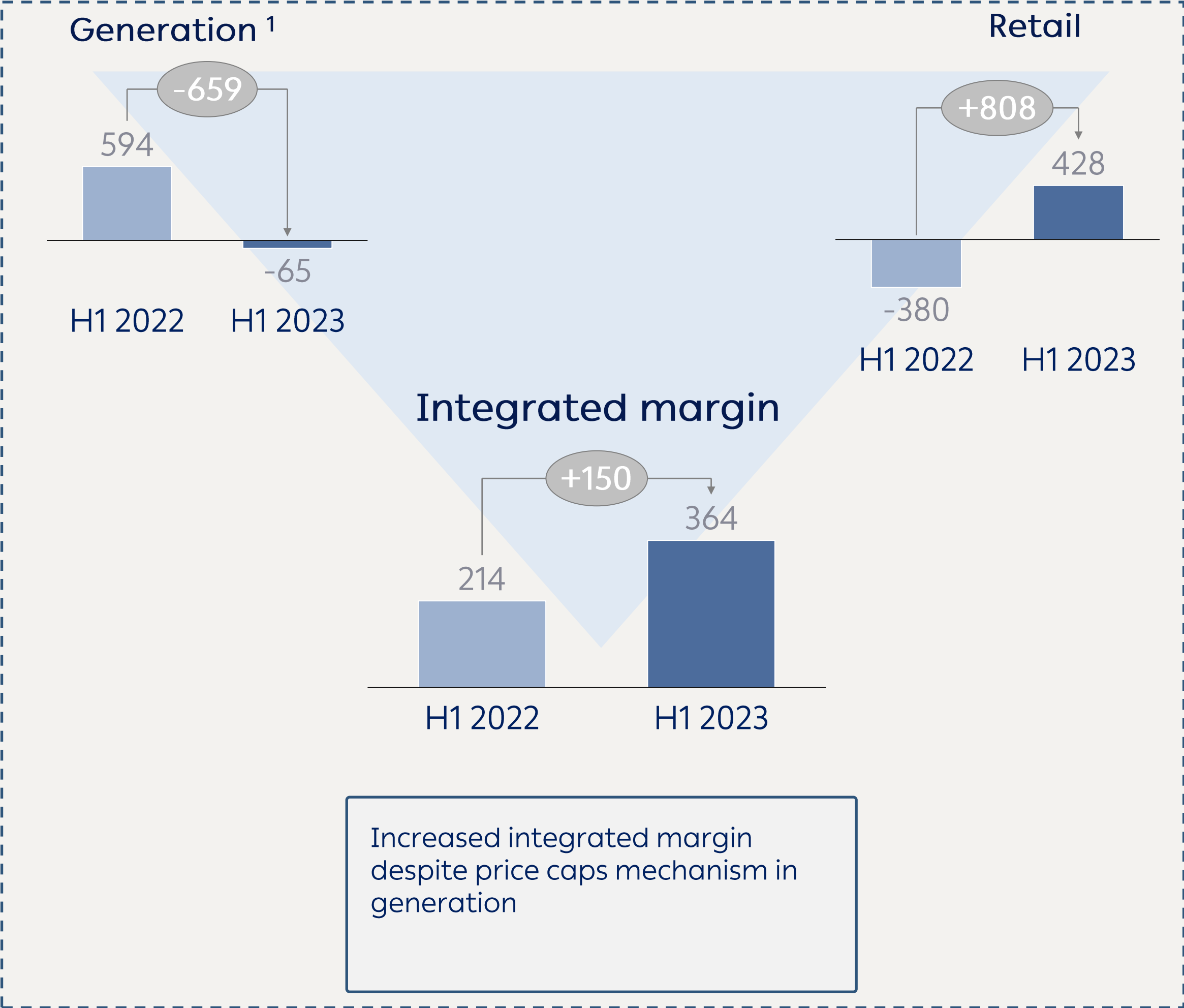
1. Average retail market share for the period. 2. Domestic Demand is Total Demand minus exports. (Source: IPTO and HEDNO reports)

	H1 2022	H1 2023
PPC's generation market share	43.2%	37.2%
PPC's generation and imports market share	36.1%	30.0%

# EBITDA per business line showcase the resilience of our integrated model



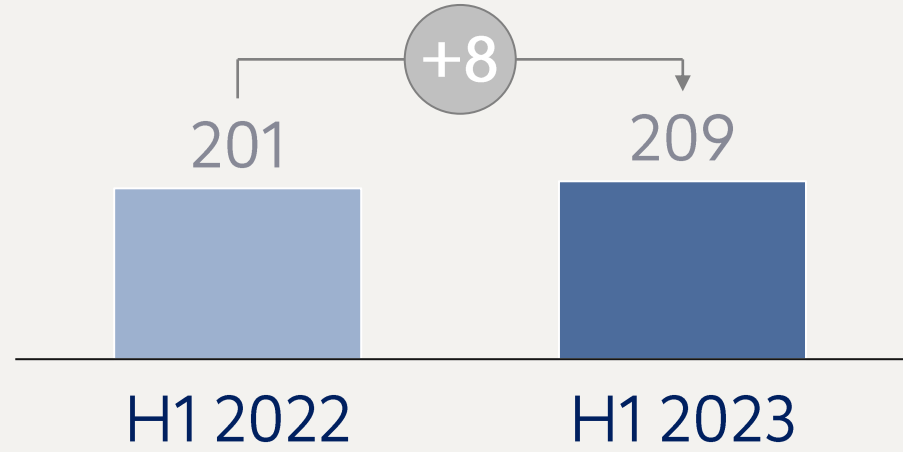
(€m)



Increased integrated margin despite price caps mechanism in generation

c. 35% of Group profitability

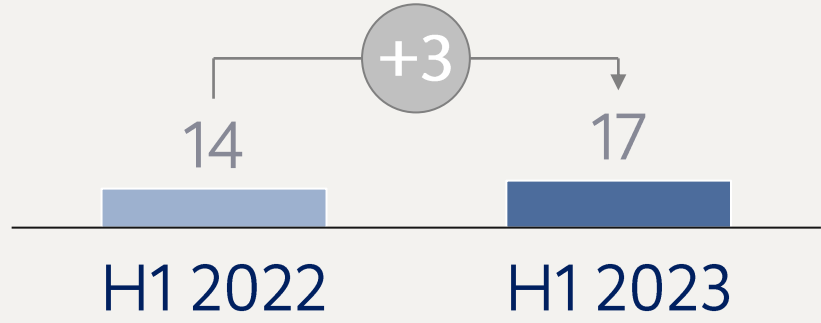
Distribution



Stable profitability in H1 2022 following the recovery of Q1 shortfall in Q2 - additional recovery expected in the next quarters

Contribution to materially increase from 2023 onwards

RES (excl. Large Hydro)

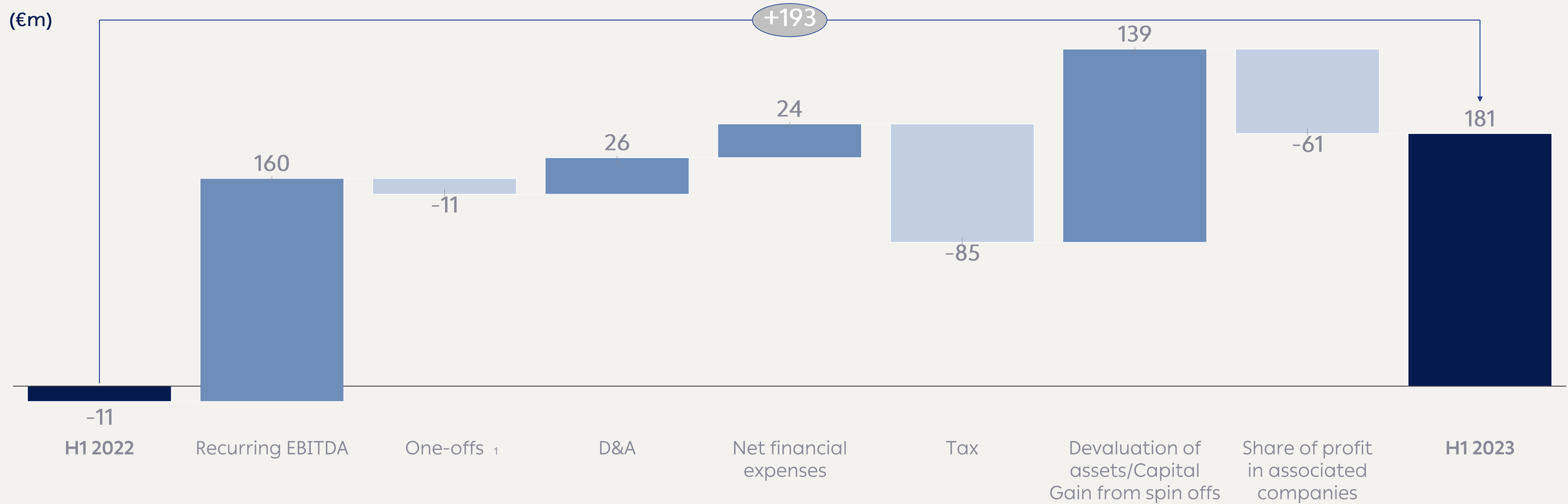


Profitability increase is attributed to the contribution of new capacity

1. Including Large Hydro



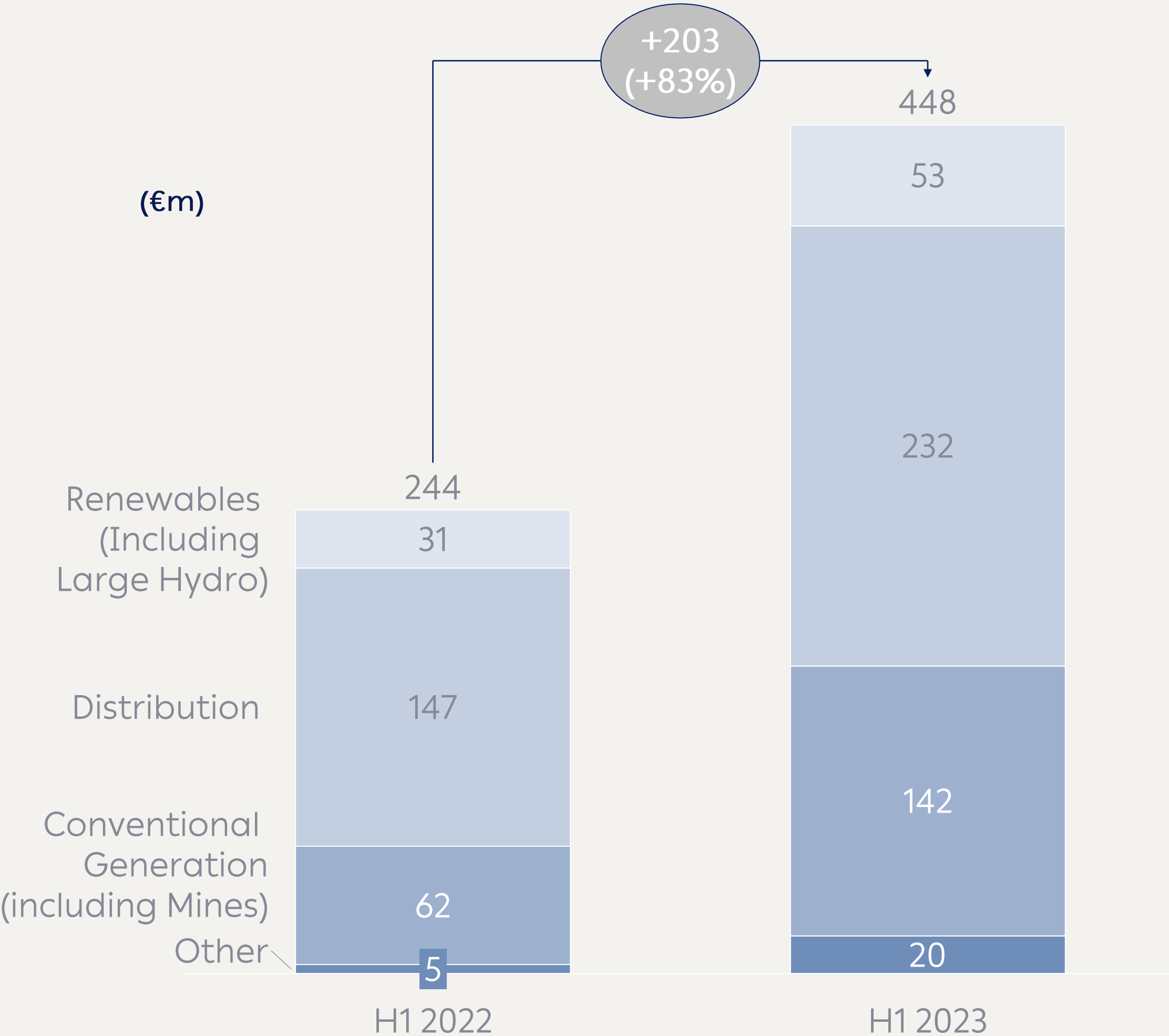
# Net Income evolution



## Major drivers:

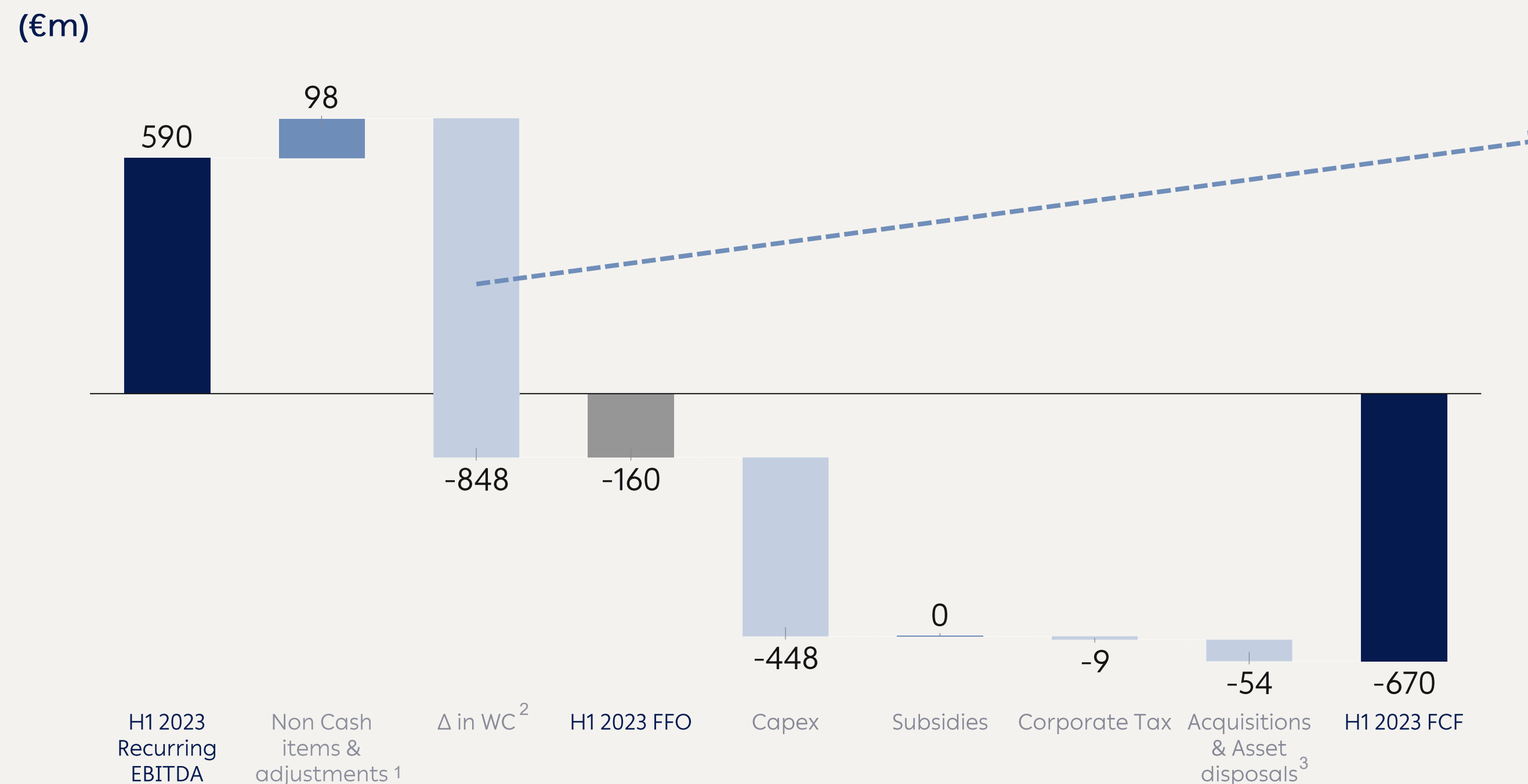
- EBITDA improvement in H1 2023 leading to higher net income
- Positive impact from the €142m gain recorded from the transfer to the Greek State of the shares of the demerged business sector of the former lignite areas
- Unfavourable tax effect mainly due to de-recognition of deferred tax asset related to the demerged business sector
- Lower share of profit in associated companies since H1 2022 included the capital gain from the projects attributed to the JV with RWE and from the Volterra acquisition

# Capex increase continues along with Business plan implementation



- Renewables**
  - Further ramp up expected in the next quarters given the significant pipeline
- Distribution**
  - Significant increase of capex for the modernization of the network
- Conventional Generation**
  - Increased capex for new CCGT unit in Alexandroupolis

# Free Cash Flow impacted by seasonal Working Capital items to be recovered by year end



Change in WC breakdown evolution (€m)<sup>2</sup>

	H122	FY22	H123
Customer Trade Receivables	-310	-392	+27
Seasonal CO <sub>2</sub> effect	-364	+58	-488
Hedging	-699	+185	+158
Other	-26	-60	-545
<b>Total</b>	<b>-1,398</b>	<b>-209</b>	<b>-848</b>

Negative Working Capital in H1 2023 due to seasonal factors :

- CO<sub>2</sub> emissions rights payment in Q123 for 2022 compliance - gradual reversal expected by YE23 ("Seasonal CO<sub>2</sub> effect")
- Unwinding of State prepayment - to balance out by YE23 with the receipt of the new prepayment ("Other")
- Timing of payment for Nat gas - to balance by YE23 ("Other")
- State tariff subsidies receivables - to be collected in Q323 and Q423 ("Other")

Negative FCF mainly impacted by:

- Negative FFO deriving by negative WC performance partly offset by strong operational profitability
- Increased capex driven by Distribution, RES and further progress of CCGT in Alexandroupolis

1. Mainly relates to revenues from the supply of power to customers during the interval from the last measurement or billing until the reporting date. Such energy is accounted for as energy consumed but not yet billed (unbilled revenue). This is a non-cash item which we adjust for FCF. 2. WC includes Customer contributions for their connection to the Distribution network. 3. Including the acquisition cost of Aioliiki Beleheri SA and KPM Energy SA with a total RES capacity of 46MW and Hellenic Hydrogen SA.

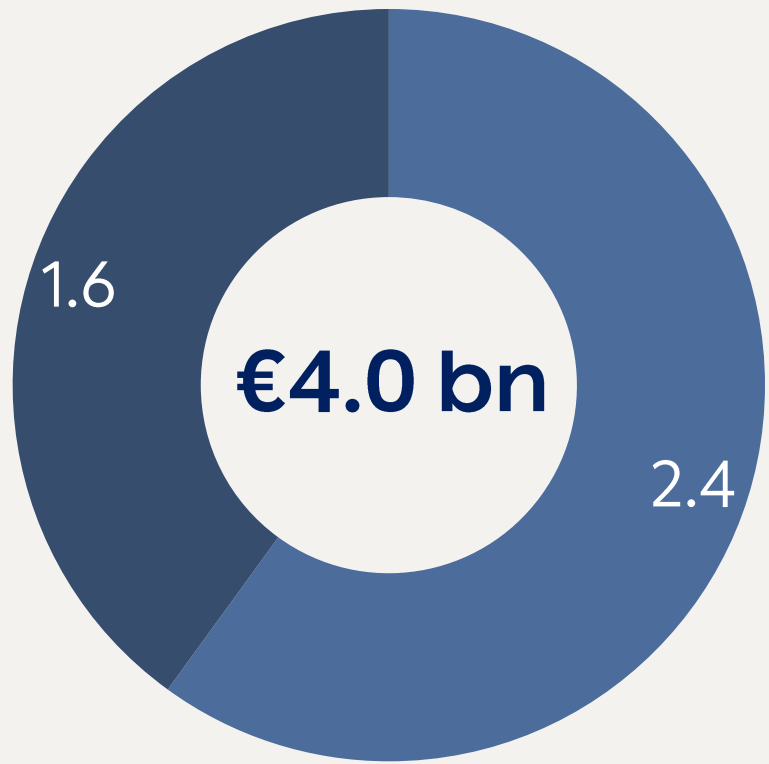
# High liquidity, balanced debt maturity profile and high portion of fixed rates provide protection against potential volatility in the markets



(€m)

## Liquidity position

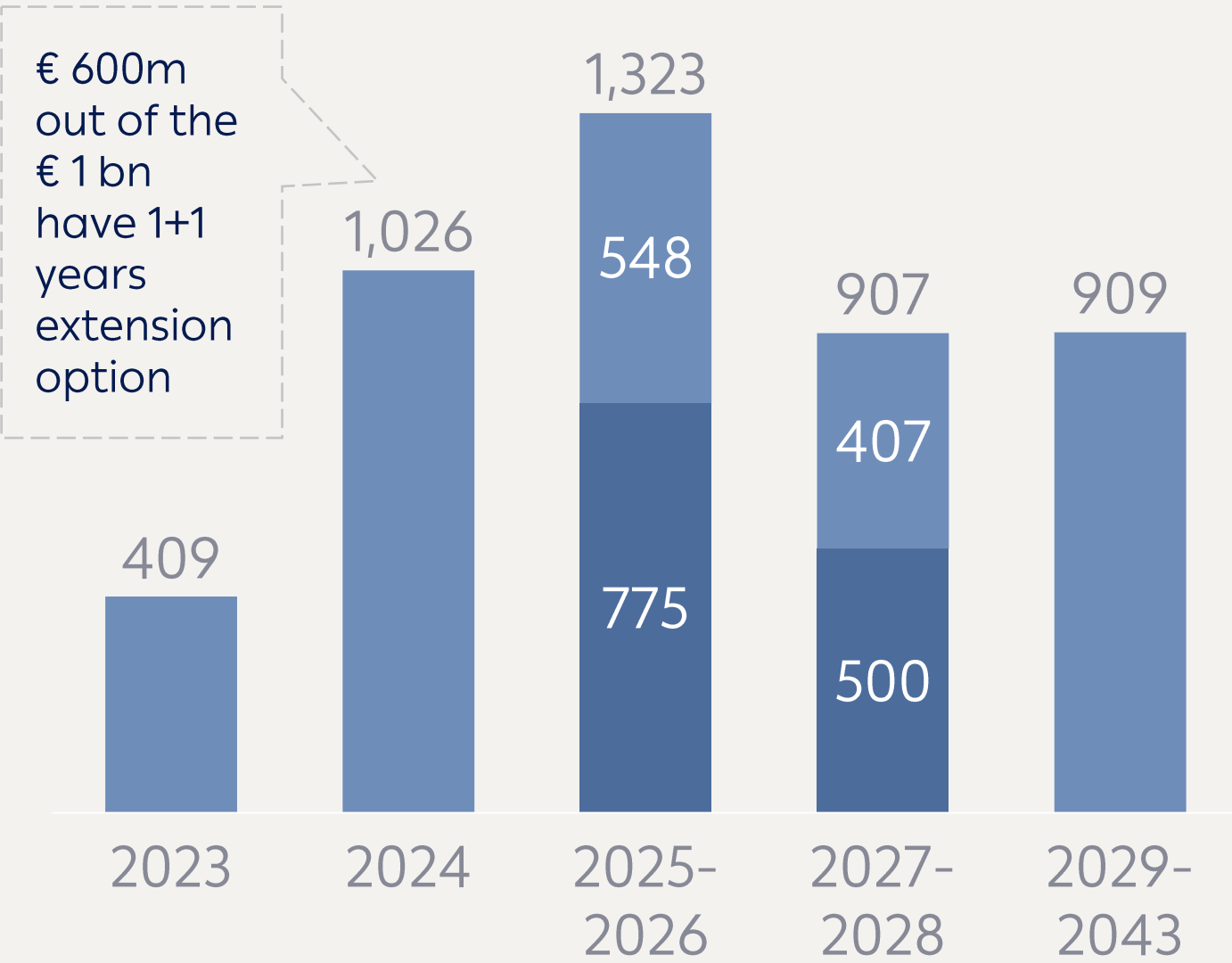
High cash reserves & available credit lines



■ Cash  
■ Available credit lines

## Long Term debt maturity profile<sup>1</sup>

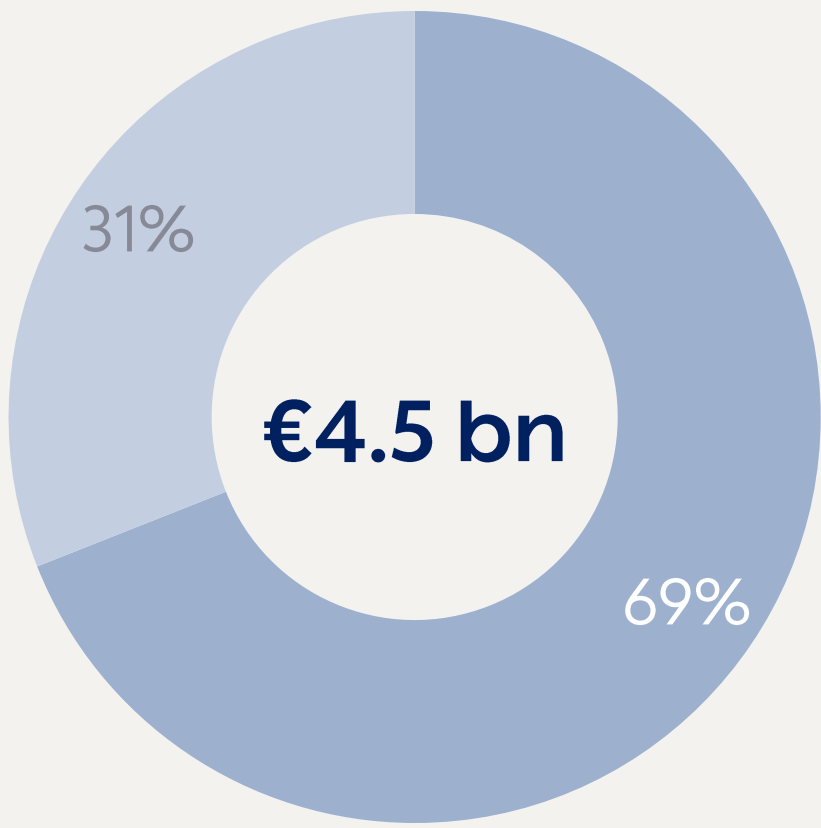
No major contractual repayments in the next 2 years with the below extension option exercised



■ Bank Loans & Other (including Bond Loans with Greek Banks)  
■ Sustainability Linked Bonds

## Long Term debt - Analysis<sup>1</sup>

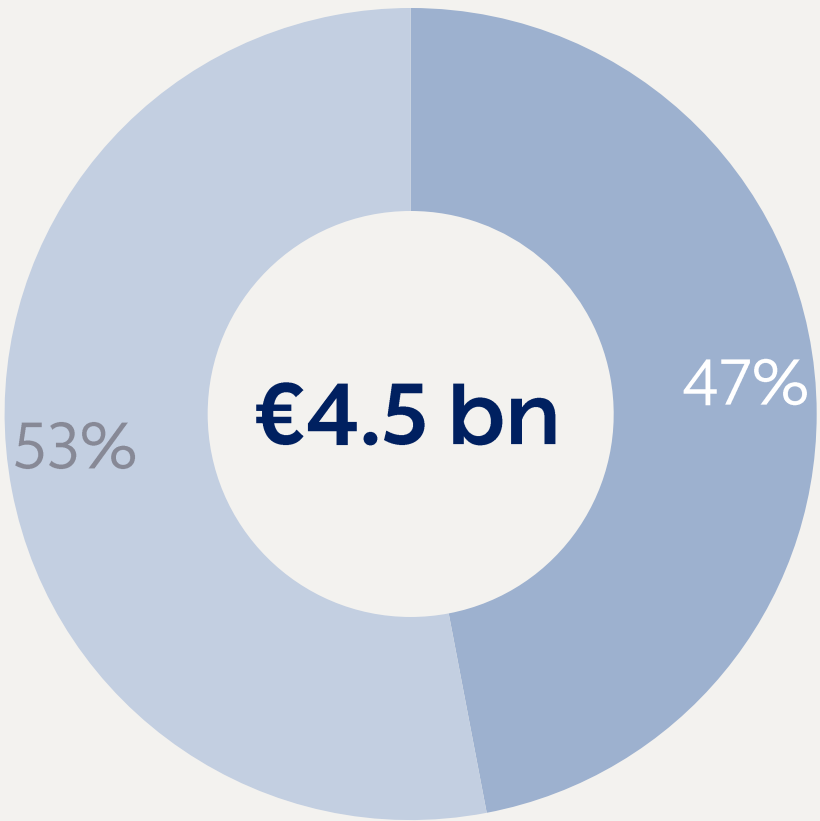
Approximately 69% of debt under fixed rates



■ Fixed ■ Floating

## ESG Financing

47% ESG financing



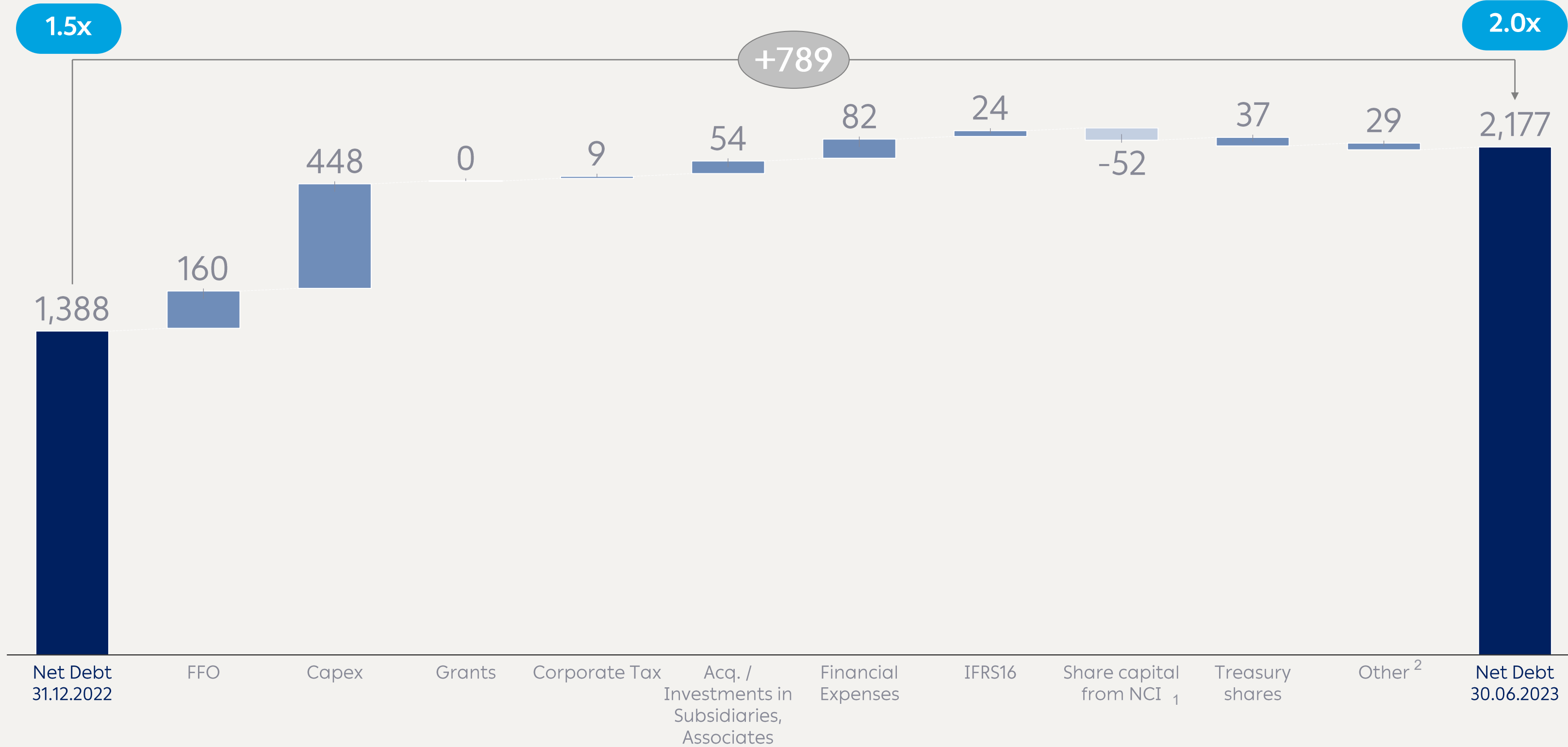
■ ESG ■ Other

1. Excluding overdrafts and short-term financings of € 131 m

# Net Debt increase in H1 2023 as expected due to WC seasonal elements



(€m)



- Net debt increase due to negative WC driven by seasonal items to be recovered by year end
- Net Debt/EBITDA increase at 2.0x
- 3.5x Net Debt/EBITDA long term ceiling

Net Debt/LTM EBITDA

1. Cash received from the contribution of minority shareholders in the JV "Ilektroparagogi Alexandroupolis S.A." for the construction of the new 840MW CCGT unit in Alexandroupolis. 2. Includes dividends paid to minority shareholders

Presenter

Georgios  
Stassis  
*Chairman & CEO*



2. Overview of Major developments & Outlook



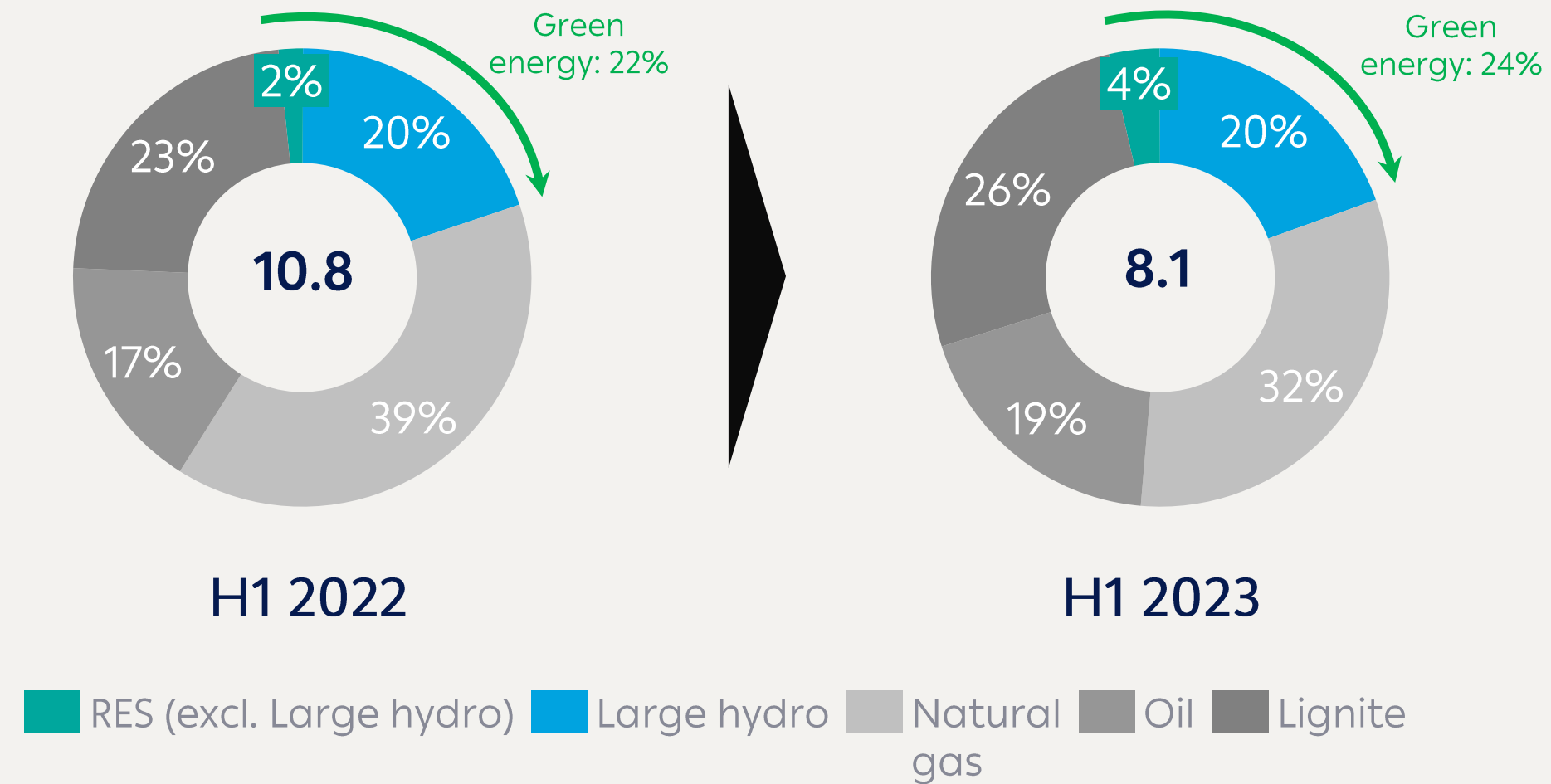
# Greener generation mix despite lower output



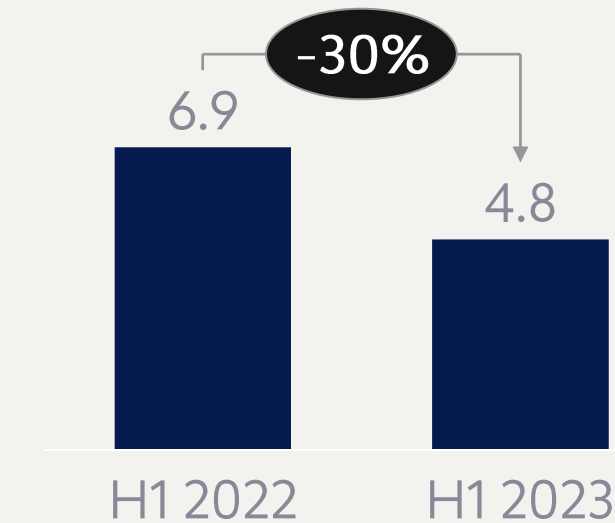
## Overview – Key metrics

- 1 Reduction of total generation mainly driven by lower natural gas output
- 2 Increase of lignite participation despite lower volume due to lower total generation
- 3 Increased participation of green energy despite lower hydro generation
- 4 CO<sub>2</sub> emissions down by 30% due to lower generation from fossil fuels
- 5 Improvement in CO<sub>2</sub> emission intensity due to lower CO<sub>2</sub> volume

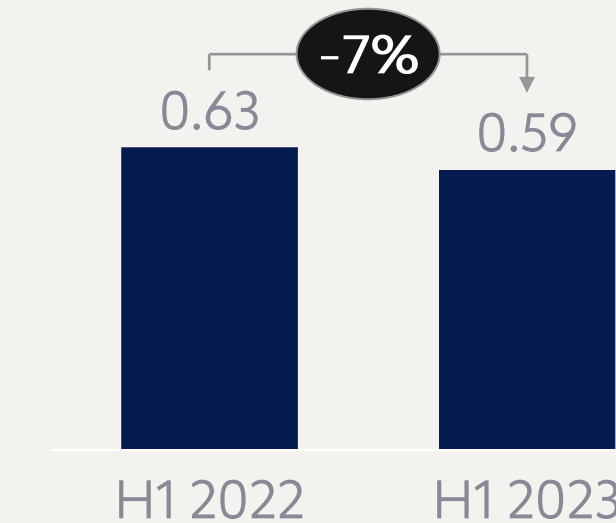
### Generation (TWh)



### CO<sub>2</sub> (m tons) <sup>1</sup>



### CO<sub>2</sub> emission intensity (tons CO<sub>2</sub>/MWh) <sup>2</sup>



## Going forward

- Lignite fired generation in 2023 now estimated to be slightly below 2022 level also depending on security of supply needs
- New lignite unit Ptolemais V (660MW) in operational trial period - Commercial operation is expected in Q3 2023
- Strategic decision to exit lignite remains firm, despite any temporary delay
- Achievement of the 10 mn tn CO<sub>2</sub> emissions target included in the SLB (-57% vs base year 2019) will depend on lignite output
- Further increase of RES generation (excl. Large hydro) in the next quarters along with the deployment of new capacity

1. CO<sub>2</sub> emissions from electricity generation (Scope 1). 2. Emissions divided by total electricity generation.

# Ramping up our RES capacity – Major projects overview



## In Operation

Project: Iliako Velos I (PV)  
 Location: Ptolemais - Region: West. Macedonia  
 Capacity: 200MW  
 Status: In Operation



## Under construction

Project: Ptolemaida (PV)  
 Location: Ptolemais - Region: West. Macedonia  
 Capacity: 550MW  
 Status: Under Construction



Project: Ptolemaida (PV)  
 Location: Ptolemais - Region: West. Macedonia  
 Capacity: 159MW  
 Status: Under Construction



## Key highlights/Transactions



Project: Aeras/Mouzaki (WP)  
 Location: Karditsa - Region: Thessalia  
 Capacity: 27.6MW  
 Status: In Operation



Project: Amyntaio (PV)  
 Location: Amyntaio- Region: West. Macedonia  
 Capacity: 210MW  
 Status: Under Construction



Project: Koukouli-Doukas (WP)  
 Location: Ptolemais - Region: West. Macedonia  
 Capacity: 39.5MW  
 Status: Under Construction



+ 228MW in Operation since May 2023

~ 0.9GW underway with completion in 2023-2024

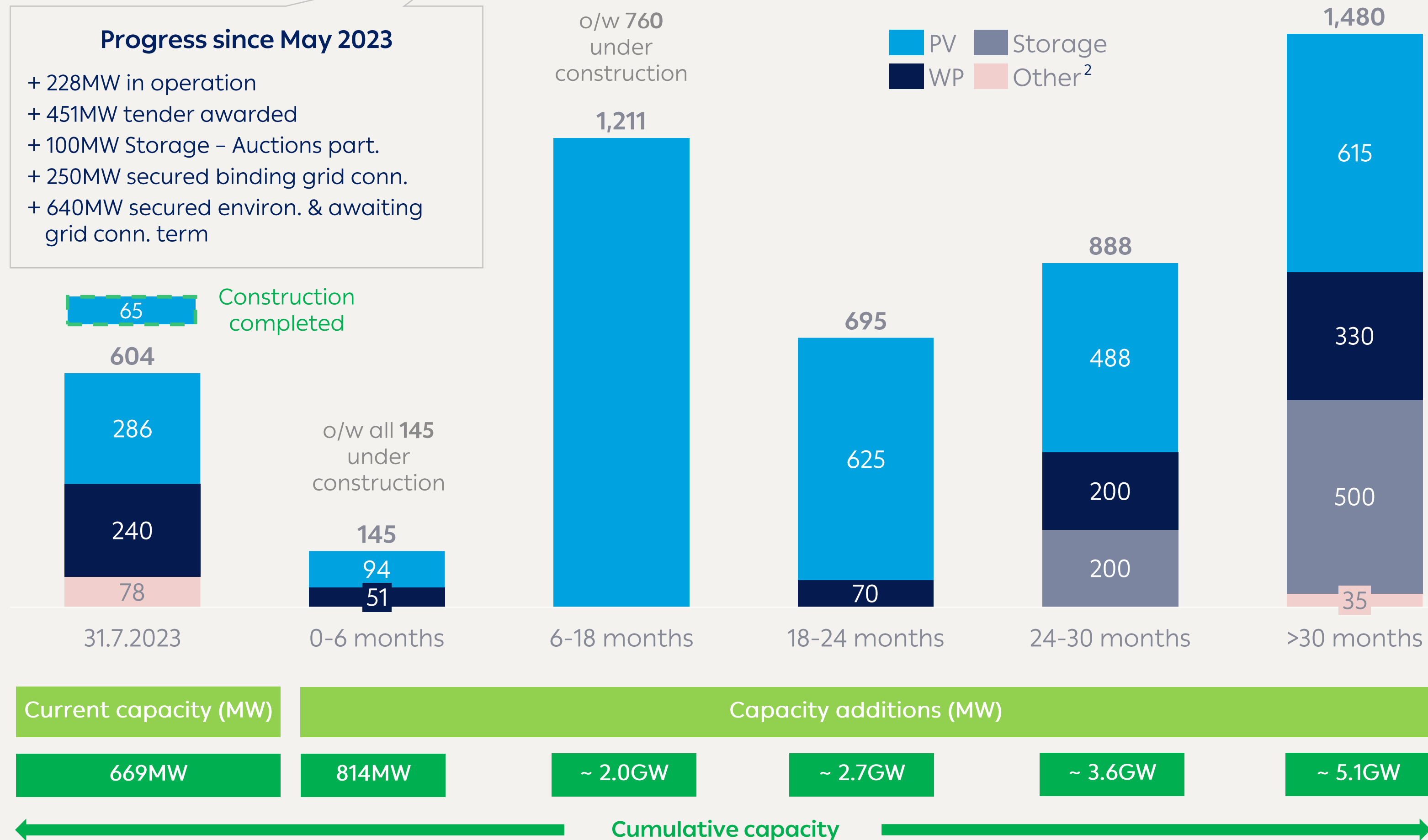
- In-principle agreement with European subsidiaries of Lukoil Group for the acquisition of a 100% stake in Land Power s.r.l. in Romania
  - 84MW WP in operation
  - Production > 200GWh / year
  - Best wind potential in the country- located in Eastern Romania (Dorobantu and Topolog regions)



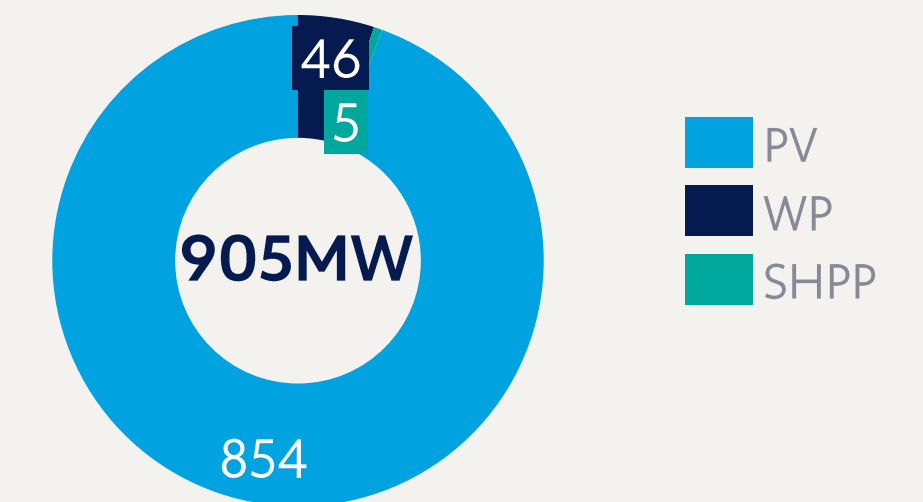
# Further progress on RES plan: ~1.6GW operating/completed/under construction representing ~30% of the 5GW target



## Mature RES pipeline in Greece of 5.1 GW<sup>1</sup>

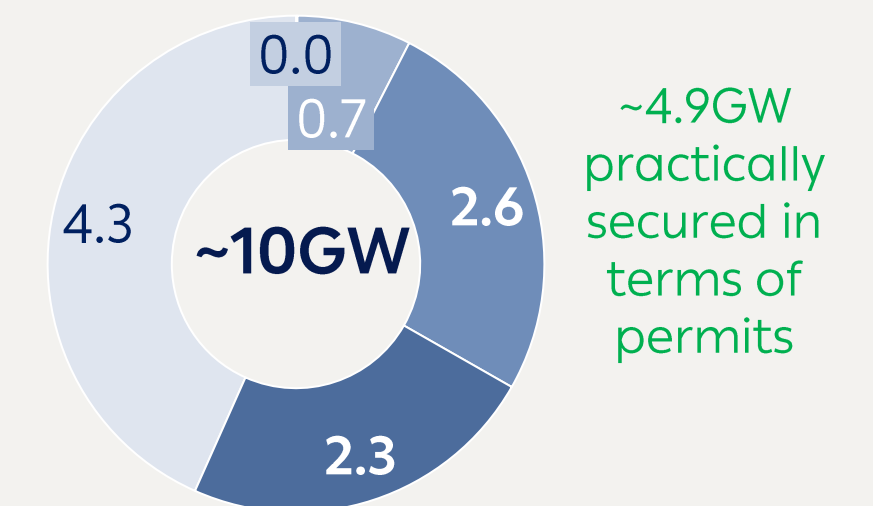


## Capacity under construction



+ 451MW with tender awarded (RTB)

## Licensing status of pipeline<sup>3</sup>



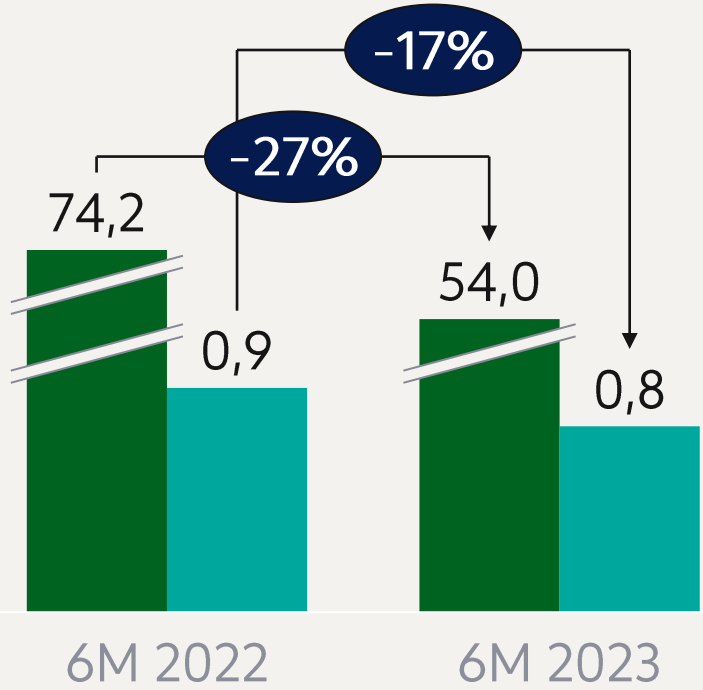
- Application for production permit
- Production permit
- Awaiting environmental permit
- Secured environmental - awaiting grid connection terms
- Granted binding grid connection terms

1. RES excluding Large Hydro Power Plants; including projects in which PPC Renewables holds minority stake such as the Amyntaio projects (940MW) in collaboration with RWE (RWE 51% participation). 2. "Other" includes SHPP, Hybrid, Geothermal and Biomass.

# Keeping up the pace of the previous quarters towards modernizing the distribution network



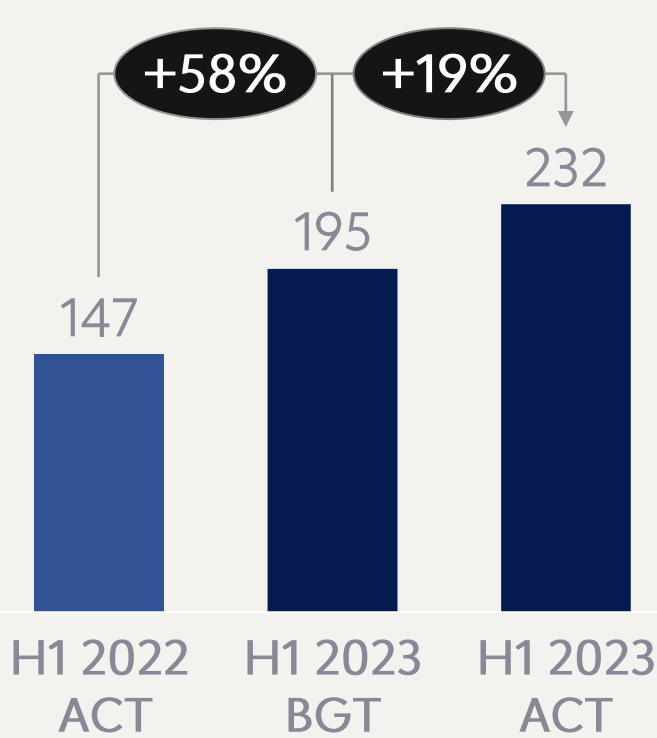
Key Operational Indices



■ SAIDI ■ SAIFI

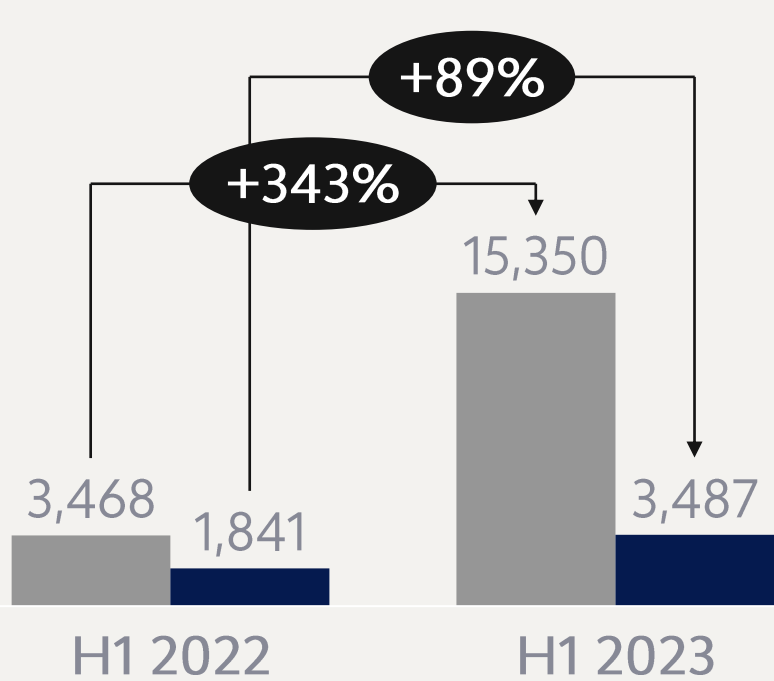
- SAIDI improvement by 27%
- SAIFI improvement by 17%

Capex (€m)



- Capex at
  - +58% y-o-y
  - +19% vs budget

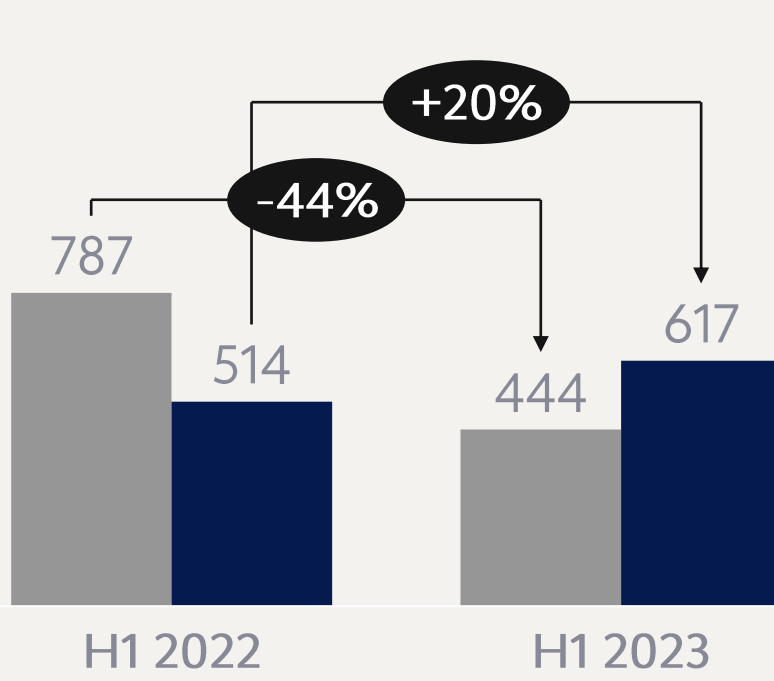
RES Integration in the Grid (units)



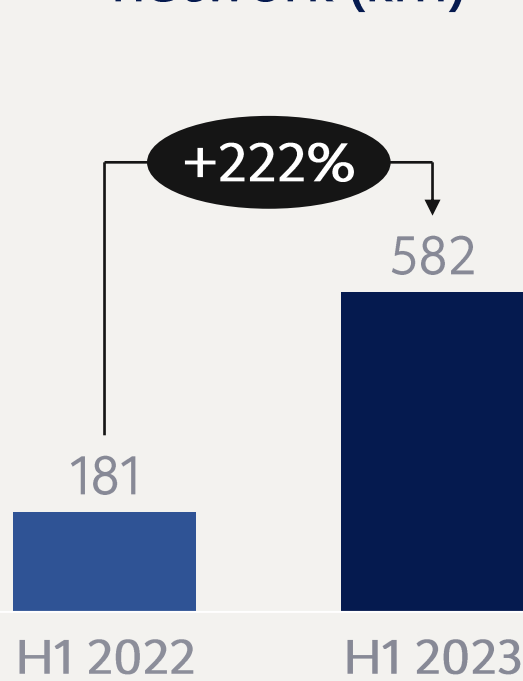
■ Signed Agreements ■ Activation of RES stations

- RES stations integration at 89% y-o-y leading to +20% capacity
- Over 3.4x more agreements signed leading to -44% capacity - shift to smaller RES stations (mainly covering self consumption)

RES Integration in the Grid (MW)



Additions in underground network (km)

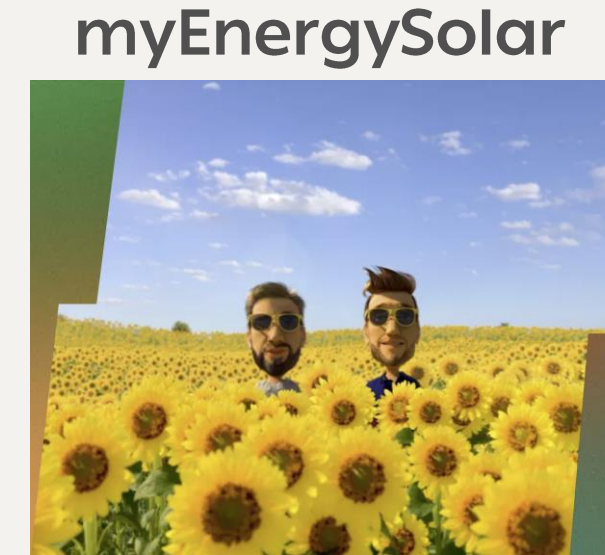
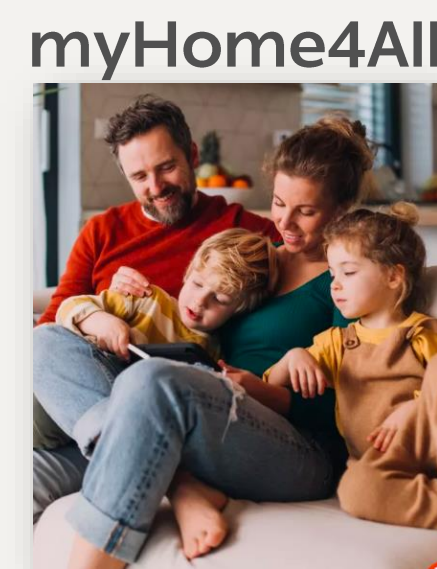


- New underground network construction in vulnerable to extreme weather events areas

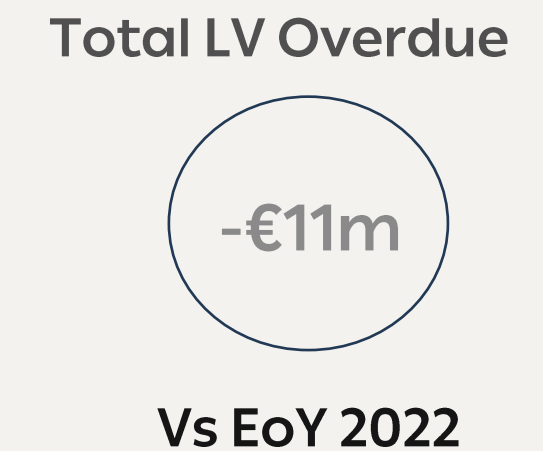
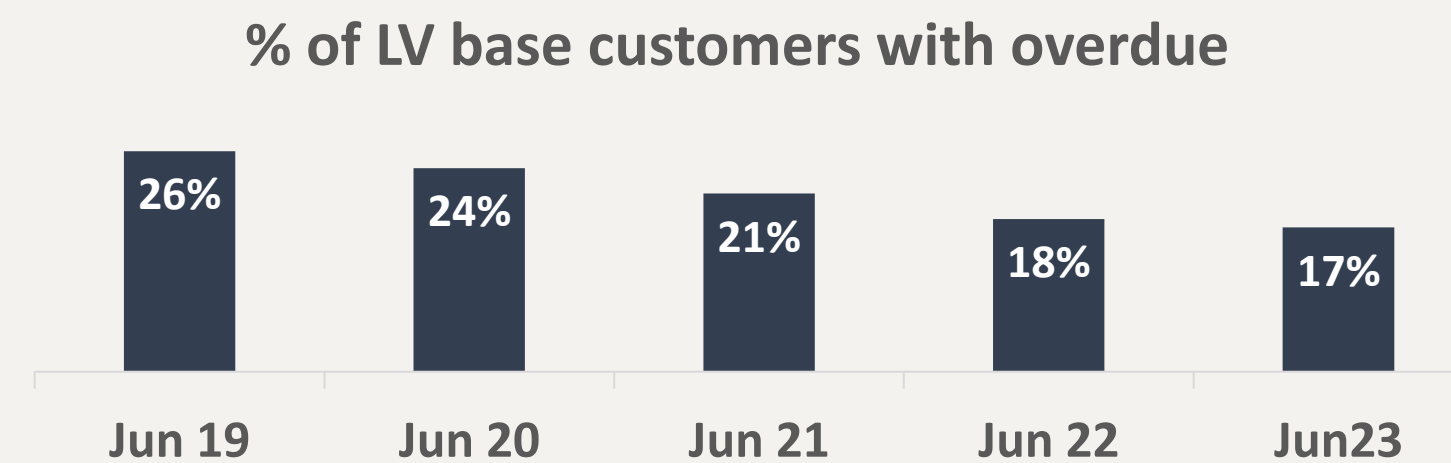
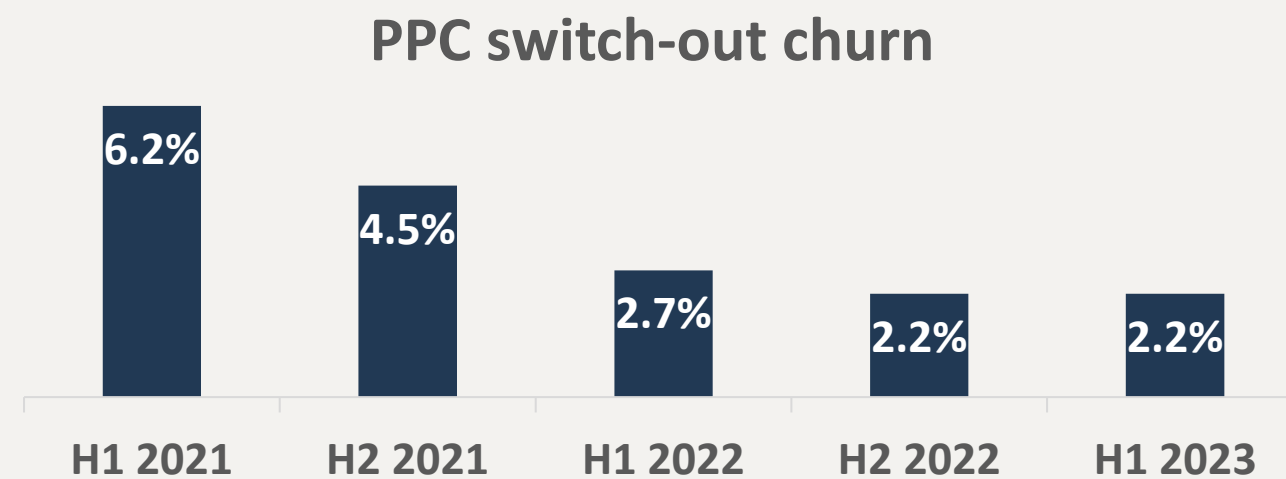
# Our commercial transformation continuous to drive sustainably improving commercial results across all key areas



Market performance on a healthy trend further assisted by strong ATL. Portfolio enriched with the launch of our customer reward scheme, increasing offered value via strategic partnerships. Investment in customer experience is driving improved customer satisfaction across all touch points.



Relentless value management, controlling churn, while low voltage overdue shows signs of stability as post-government-subsidy prices stabilize.



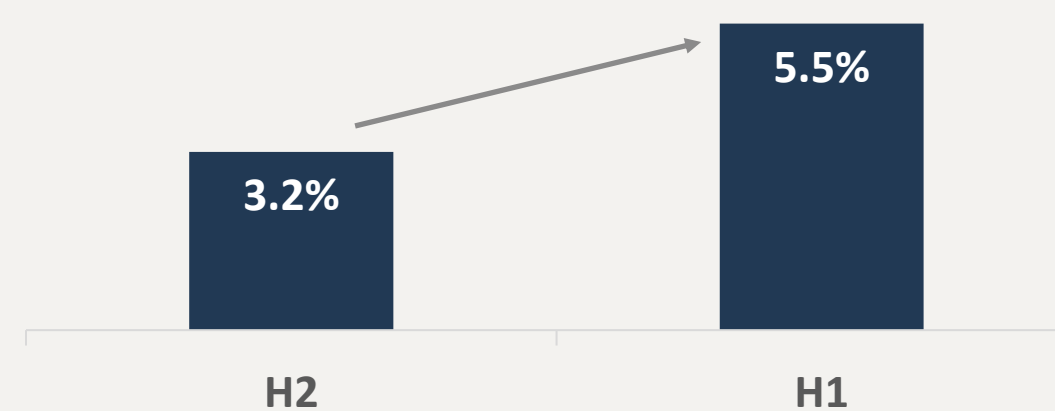
Investment in digital tools pays off, with growing adoption of myDEI & myEnergyCoach platforms, with strong online sales contribution. Furthermore, PPC educates the Greek market to use self metering capabilities for improved bill accuracy.

myΔΕΗ app downloads

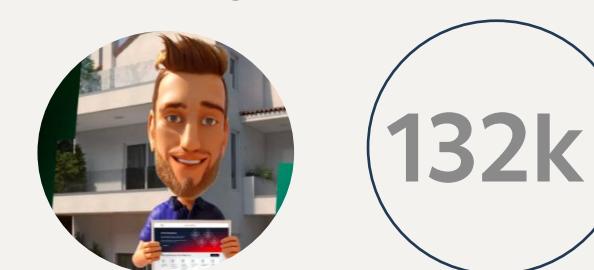


Vs EoY 2022

e-self metering penetration



myEnergy Coach users



Since 2022 launch

# Concluding remarks



## Financials

€590 m Recurring EBITDA in line with budget

Net debt at € 2.2bn with high liquidity position

Increased WC needs due to business as usual seasonality recorded in 23Q1

## Operational

Increased capex towards greener mix and network resilience

Further progress in RES pipeline: secured permits for ~4.9GW

Distribution network KPIs improved

E-mobility business keeps growing

## Key equity highlights

Resilience due to vertical integration

~670MW RES operating/completed projects + 0/9GW under construction

100% of our RES target for 2026 secured

Low valuation compared to European peers

## Other developments going forward

2023E recurring EBITDA target at € 1.2 bn

Enel Romania acquisition closing by Q3 2023

Strategy update in CMD post Romania transaction closing

Reinstatement of dividend distribution

# Glossary



AC	Alternating Current	HHs	Households
ATL	Above the Line (TV commercial usually)	HPDC	High Power DC
BIO	Biomass	IRS	Interest Rate Swaps
BoS	Balance of System	JV	Joint Venture
BTL	Below the Line (direct marketing etc.)	M&A	Mergers & Acquisitions
CAPEX	Capital Expenditure	MoU	Memorandum of Understanding
CCGT	Combined Cycle Gas Turbine	NPS	Net Promoter Score
CP	Charging Point	Opex	Operating Expenses
CMD	Capital Markets Day	PSOs	Public Service Obligations
CO <sub>2</sub>	Carbon dioxide emissions	PV	Photovoltaics
CRM	Customer Relationship Management	RAB	Regulated Asset Base
DAM	Day Ahead Market	RES	Renewable Energy Sources
DAPEEP	Renewable Energy Sources Operator & Guarantees of Origin	RTB	Ready To Build
DC	Direct Current	S&P	Standard & Poor's
EBITDA	Earnings Before Interest, Taxes, Depreciation, and Amortization	SAIDI	System Average Interruption Duration Index
E-MSP	e-Mobility Service Provider	SAIFI	System Average Interruption Frequency Index
EMC	East Med Corridor System	SHA	Shareholders Agreement
ESG	Environment Social Governance	SHPP	Small Hydro Power Plant
EUA	European Union Allowance	SLB	Sustainability Linked Bond
EU	European Union	SoHo	Small Households
FCF	Free Cash Flow	SME	Small and Medium sized Enterprises
FFO	Funds From Operations	SoV	Share of Voice
FTTH	Fiber To The Home	SPV	Special Purpose Vehicle
FX	Foreign Exchange	TTF	Title Transfer Facility (Natural Gas)
GEO	Geothermal	TWh	Terrawatt hour
GW	Gigawatt	VAS	Value Added Services
GWh	Gigawatt hour	VAT	Value Added Tax
HEDNO	Hellenic Electricity Distribution Network Operator	WC	Working Capital
		WP	Wind Parks

# Financial calendar – IR contacts



## What's next?

Date	Event
2.11.2023	9M 2023 results

A CMD will take place following the completion of the transaction for the acquisition of the operations of Enel in Romania.

## Stay informed on PPC

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