## **Investor Day**



May 16, 2022

#### **Today's Speakers**



• George Peristeris Chairman



<sup>°</sup> Emmanouil Maragkoudakis CEO



Aristotelis Spiliotis

Executive Member of the BoD of TERNA ENERGY



Michalis Verroiopoulos

Development Director - Greece



#### **Agenda for Today**

**Presented by:** 



#### **Our Journey to Date**

**George Peristeris** 

2

**Unprecedented Growth Opportunity** 

Michalis Verroiopoulos

3

**Strategy and Targets** 

Emmanouil Maragkoudakis

4

**Financial Outlook** 

Aristotelis Spiliotis



## GEKTERNA GROUP

**SECTION 1** 

**Our Journey To Date** 

### **Key Investment Highlights**

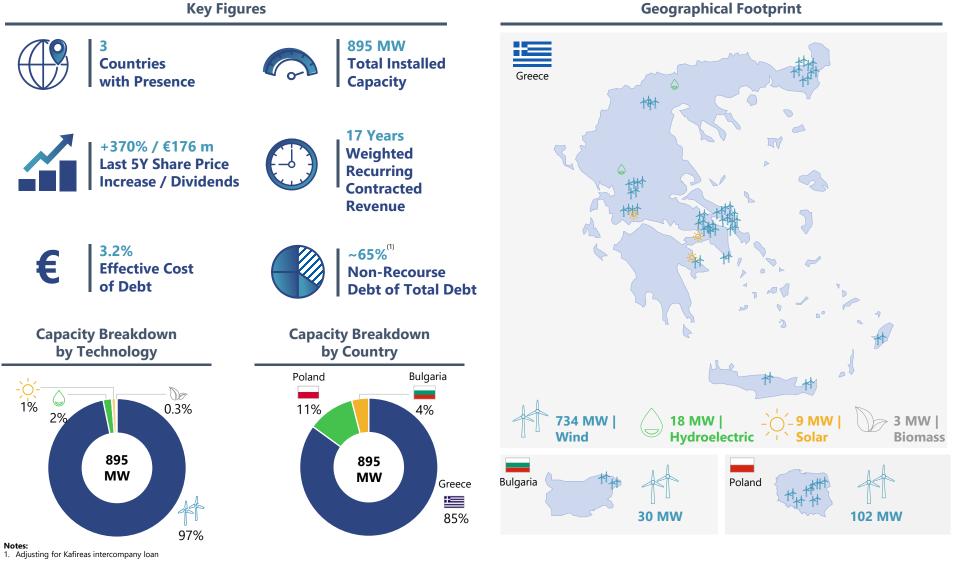
The leading Renewables platform in Greece set to become one the largest players in Europe





#### Leading Renewable Energy Company in Greece, with Established Presence in Poland and Bulgaria

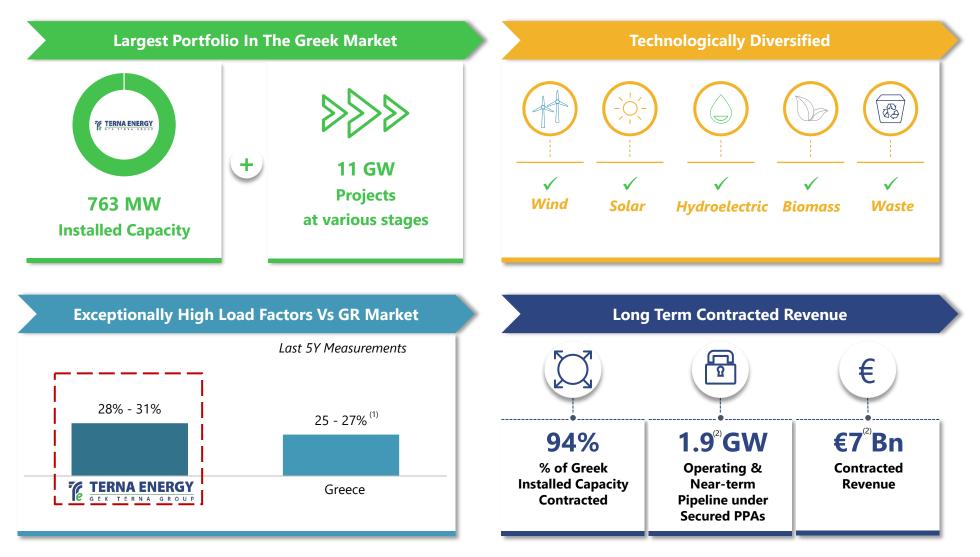
Large operating asset base located at the most favourable locations in the respective countries





### **2** Exceptional Renewable Portfolio Characteristics

High quality, diversified operating portfolio offering long-term and visible, secured cash-flow



Notes:

1. Load factor (W/F) source: DAPEEP

€7 Bh Contracted Revenue and the 1.9 GW Operating and Near-term Pipeline under Secured PPAs includes Amari, Kafireas, Amfilochia



#### 2 Additional Income from Attractive Long-term Regulated Activities

Other activities generate strong profitability and predictable cash-flows



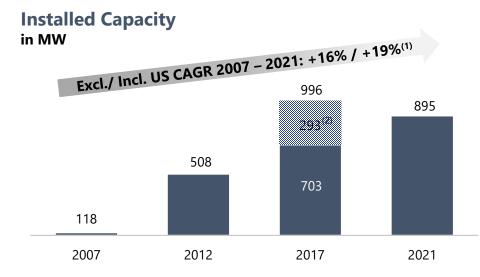


- Concessions for e-ticket projects across all major transportation companies in Greece
- 26-year concessions for installation of Ultra Fast Broadband (UFBB) awarded with regulated prices

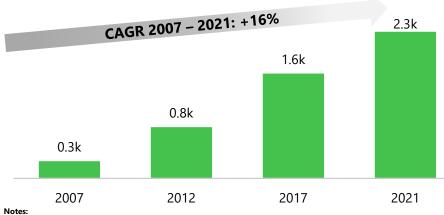


#### **3** Consistent Track Record of Growth and Operational Excellence

Platform has been growing at a CAGR of more than ~19%<sup>(1)</sup> over the last 15 years



Energy Produced in GWh

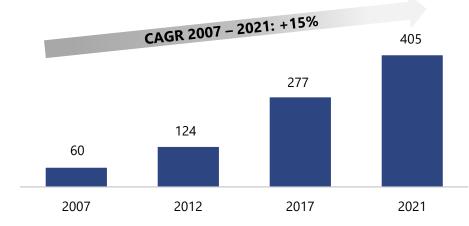


Adjusting for the US operations. Added US Capacity (510 MW in 2020) in 2021 figure to calculate CAGR since 2007
 US Capacity of 293 MW in 2017



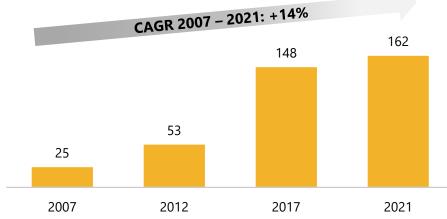
#### Revenue

in € m



EBITDA

in € m



### Fully Integrated Organization with Unique Capabilities

Extensive in-house knowhow and expertise with over 20 years of experience ensuring speed, efficiency and reliability across all the core activities





## 4 ESG performance

1st position in ESG scoring across Country's RES Companies and amongst Top Companies in Greece across all sectors, according to ISS



#### TERNA ENERGY's climate change action plan

To decarbonize the company with reference to Scope 2 emissions, by using 100% green electricity from 2021 onwards in all the facilities in Greece

To broaden and intensify the assessment of climate change physical and transition risks and opportunities performed as part of the Environmental Management System, and to align it with the recommendations of TCFD<sup>(1)</sup>

To contribute to global decarbonization by increasing the installed capacity of the energy production from RES, which in 2021 resulted in the prevention of 1.350.589 tCO2 eq in the atmosphere

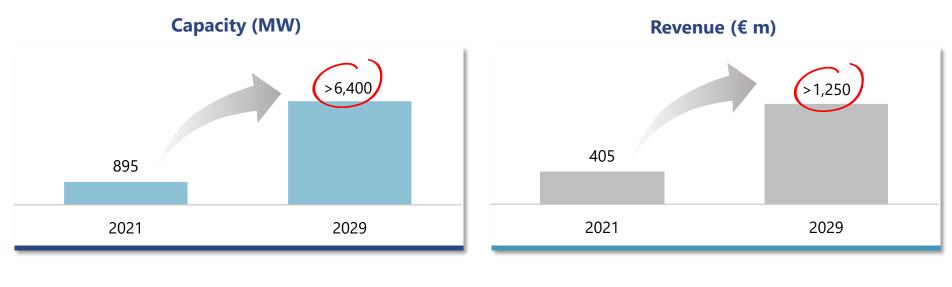
To accelerate investment plans in the field of energy storage, aiming to contribute decisively to the maximization of penetration of RES and to the achievement of the Greek national goals for energy and climate





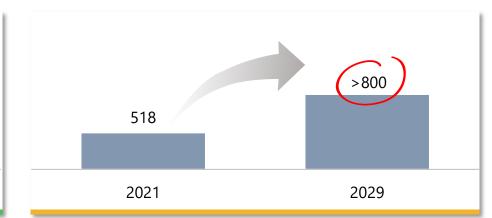
#### 5 Key Targets for 2029, Delivering Equity IRRs "Well Into the Teens"

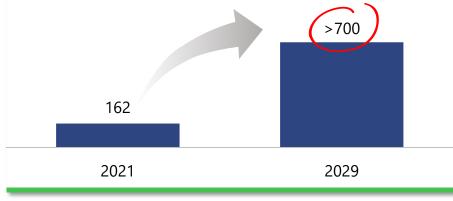
Asset base set to grow to ~6.4 GW by 2029 generating over ~€700 m of EBITDA















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**Unprecedented Growth Opportunity** 

#### **Greece: A Premium European Market for Renewables**

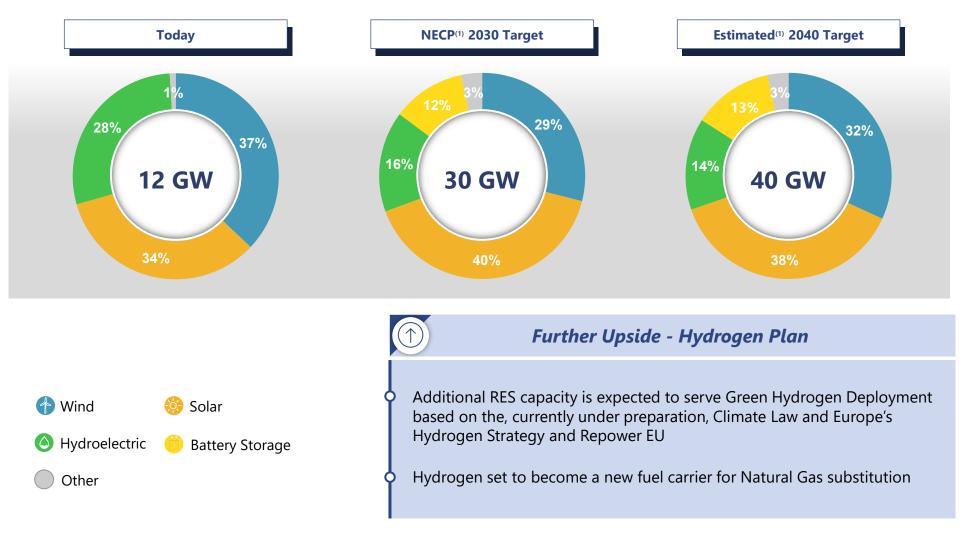
Unprecedent growth of renewable installed capacity over the next 30 years to meet the decarbonization targets

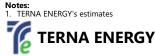
Greece until 2030	2030 Onwards
1 Acceleration of decarbonization; Installed Renewable & Storage to reach <b>30 GW</b> by 2030	1 Additional <b>10 GW</b> of RES & Storage until 2040 reaching total installed capacity of <b>40 GW</b>
2 Favorable regulatory framework, underpinned by energy account surplus	2 Electricity demand is expected to increase significantly due to electrification and green hydrogen
3 Establishing a framework for offshore wind with the aim of developing more than <b>2 GW</b> by 2030	3 Development of mature Floating Offshore Wind Farms
4 Ambitious program run by system and network operators for new interconnections with neighboring countries, interconnection of islands and upgrading of the electricity network	4 Greece to become an electricity hub in South-East Europe
5 New framework for the development of storage (Hydro Pumping and Battery Storage) to reach <b>5 GW</b> by 2030	5 Installed Hydro Pumping and Battery Storage to reach <b>7.5 GW</b> by 2040



#### Greece: 18 GW to be Added by 2030 and 28 GW by 2040

With the recent update of the NECP indicating significant additional growth potential





#### **Greece: Additional Growth Optionality from Regulated Activities**

Over €2 Bn of Waste Projects are expected to be auctioned by 2030





#### International: Significant Growth Opportunity Also Outside Greece

Neighboring countries target to substantially increase RES capacity in the upcoming years



More than ~1 GW opportunity for TERNA ENERGY not yet included in our Business Plan

Notes:
1. Poland other includes Hydro and Biomass
2. TERNA ENERGY's estimates regarding Poland, has not approved NECP yet



A Hydroelectric

Other

Solar

Wind

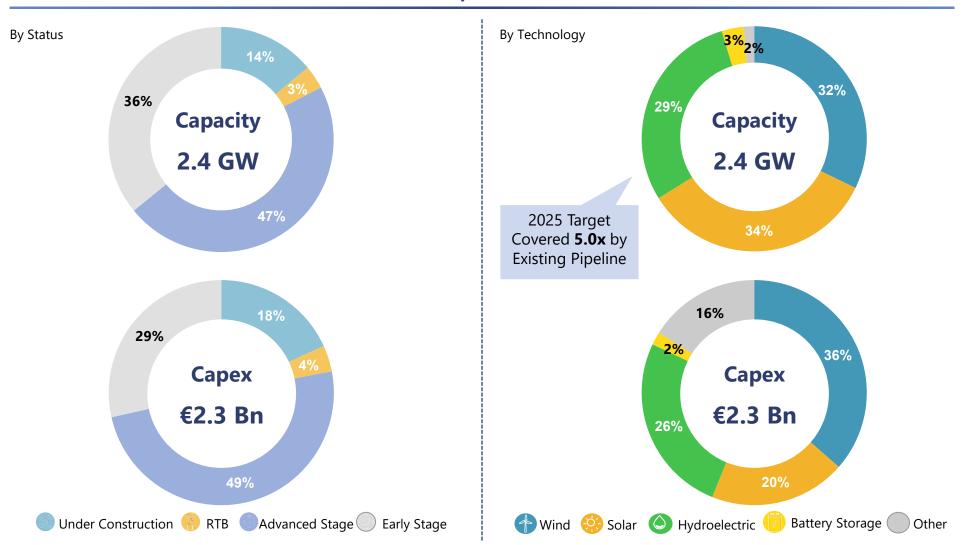


SECTION 3

Strategy and Targets

#### Well on Track Towards our 2025 Goals

Over 2.4 GW of new capacity to be installed, with the company investing more than €2.3 Bn over the next 4 years



#### 2022-2025 Pipeline Breakdown



#### 2025 Capacity Target of 2.4 GW Already Secured

More than 1.5 GW in advanced stage or already under construction

**Capacity Evolution** In MW 85 410 1,120 640 ~3,300 ~40 ~35 75 75 10 ~740 ~710 ~820 ~70 ~360 5 3 ~75 895 330 3 18 ~1,630 9 866 Capacity added: ~2,400 MW **Operating Capacity** Under Construction RTB Capacity 2025 Advanced Stage Early Stage Today A Hydroelectric Capex (€ m) Wind 😟 Solar Battery Storage Other



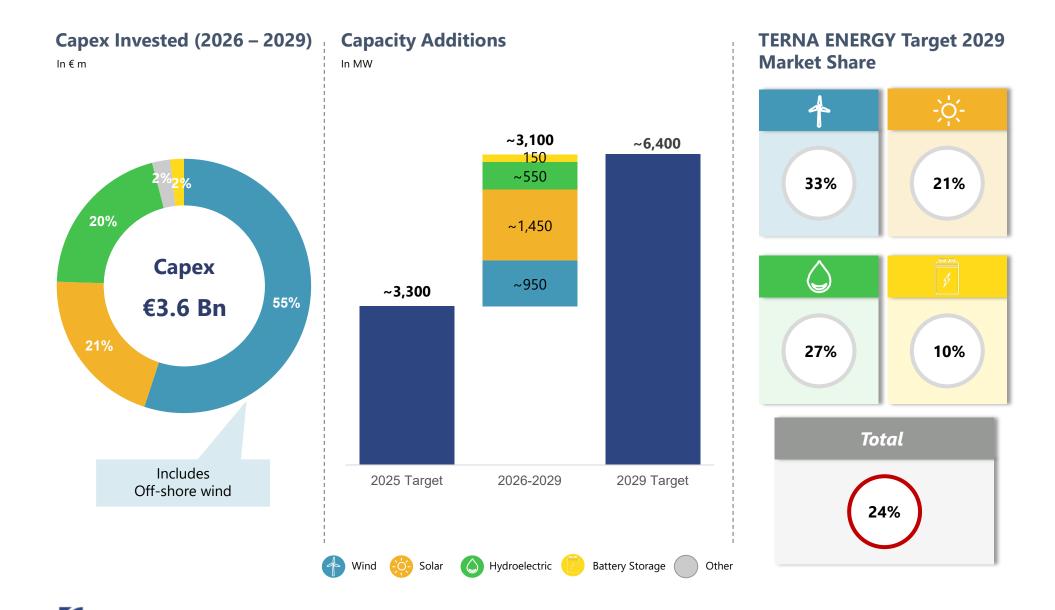
#### Flagship Near-Term Projects for the Greek Energy Sector

Leading the way through innovation and operational excellence



#### **TERNA ENERGY Will Add Another ~3.1 GW Between 2026-2029**

Incremental ~€3.6 Bn by 2029 to create one of the largest renewable portfolios in South-East Europe



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STRATEGY AND TARGETS 21

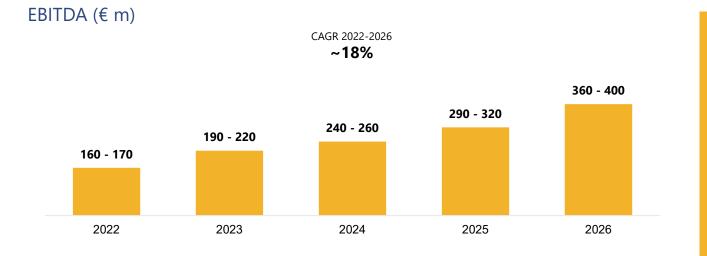


**SECTION 4** 

**Financial Outlook** 

#### **Financial Outlook Reflecting the Expected Growth**

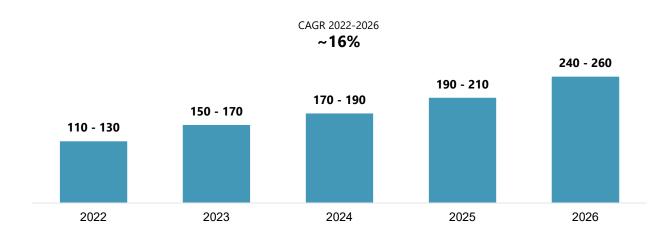
Robust EBITDA improvement resulting in increasing operating cash-flow generation



Considerable EBITDA improvement as a result of well-invested and high returns pipeline coming online

Business plan underpinned by conservative economic assumptions that have already been outperformed by recently secured project terms

Operating Cash-flow (€ m)

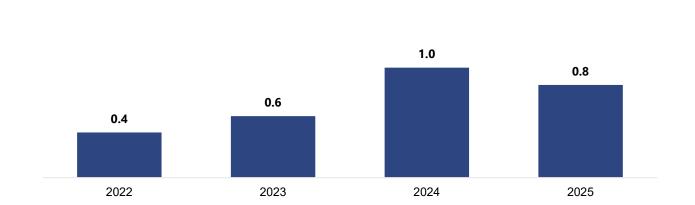


Continuous improvement of profitability and low Working Capital needs bolster Operating Cash-flow



#### **Flexibility to Fully Fund Future Investments**

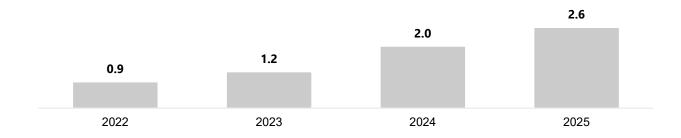
Significant investment over the coming years in order to achieve the ~6.4 GW target





Net Debt (€ Bn)

Capex (€ Bn)

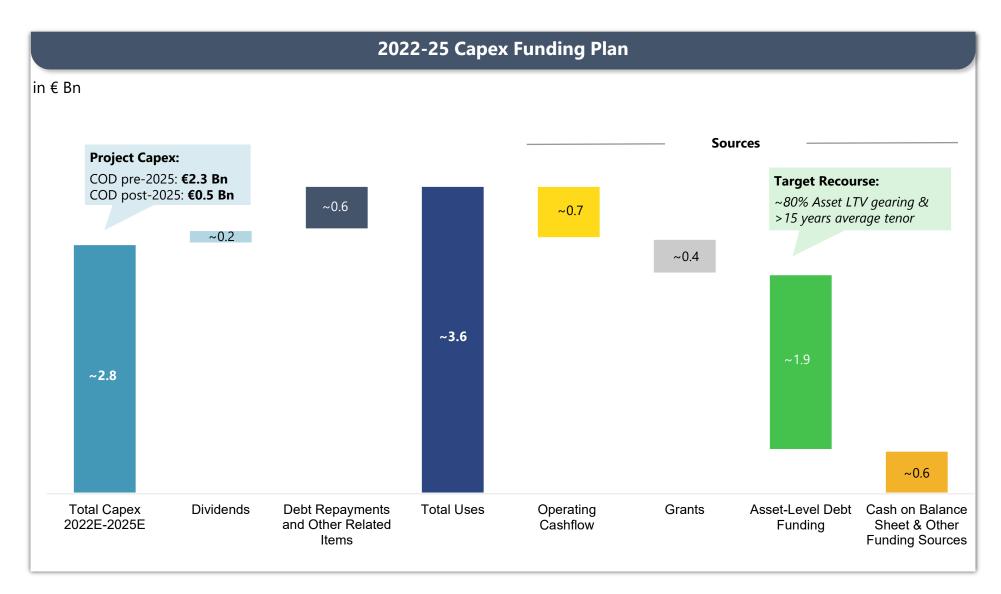


Headroom for leverage to grow to facilitate investment plan

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#### **Secured Funding Sources to Deliver the 2025 Targets**

Whilst maintaining the current dividend levels (~€40 m per annum)



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**Closing Remarks** 

TERNA ENERGY, the Largest Renewable Energy Platform in Greece, is Leading The Way in Delivering the Upcoming, Unprecedented, Market Growth





# GEKTERNAGROUP





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