



Corporate Presentation

 **TERNA ENERGY**
G E K T E R N A G R O U P

March 2024

TERNA Energy at a glance

A leading pure-play renewable energy platform with unique portfolio characteristics

Leading renewable energy platform

- **Undisputed leader in Greece, with presence in Poland and Bulgaria**
- **100% Renewable energy - 97% wind**
- **Fully integrated organization**
- **1.2 GW in operation and >1.2 GW, under construction and RTB**
- **~16% installed capacity CAGR 2007-23**

Unique portfolio characteristics

- **One of the youngest portfolios in the industry (w.a. asset life ~7y)**
- **Load factors well above GR wind market**
- **1.9 GW of assets under long-term regulated PPAs**
- **Landmark projects for the Greek and South EU RES market**
- **Existing pipeline of >11GW inc. various technologies**

Growth track record and financial strength

- **~15% EBITDA CAGR 2007-23**
- **“Run-rate” Net debt/EBITDA ~3.5x**
- **78% non-recourse debt**
- **80% of debt hedged with IRS**
- **~4.2% w.a. cost of debt**
- **Dividend: ~ € 40-45m p.a.**

Target to exceed 6.0 GW of operating capacity by end-2029

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
- Young fleet with substantial remaining contracted PPA lifetime

Key Figures



3
Countries
with Presence



1.2 GW
Total Installed
Capacity



~7 Years
Weighted
Average
Asset Life



>15 Years
Weighted
Average
Remaining PPA
Lifetime

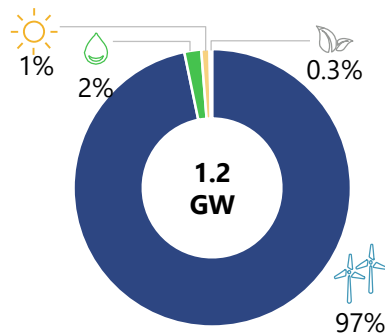


4.2%
Effective Cost
of Debt

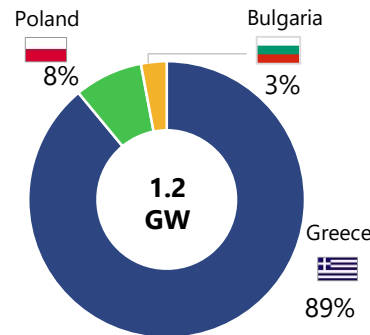


74%
Non-Recourse
Debt of Total Debt

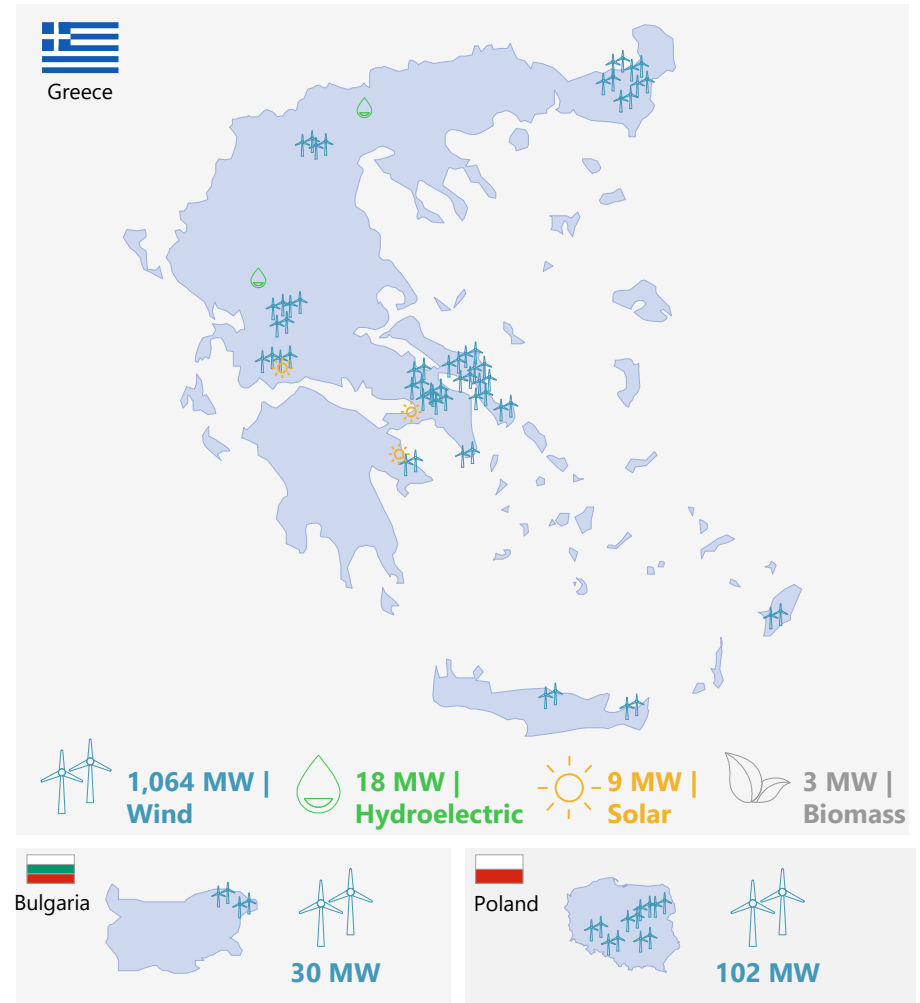
Capacity Breakdown by Technology



Capacity Breakdown by Country



Geographical Footprint



High quality, diversified and complementary portfolio

- Substantial long-term, secured and predictable cash-flow

Largest Portfolio In The Greek Market



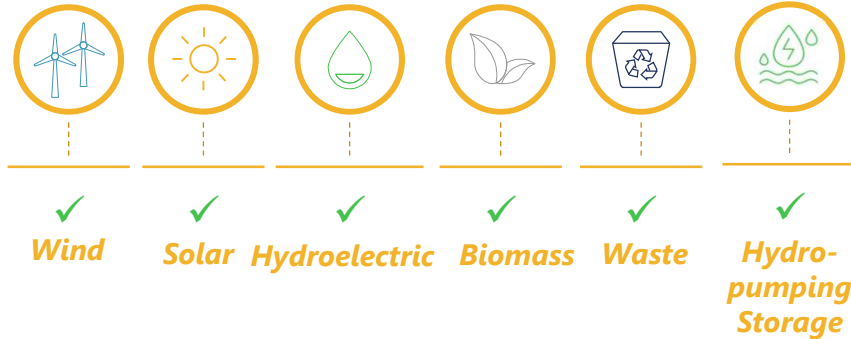
1.2 GW
Installed Capacity⁽¹⁾

+



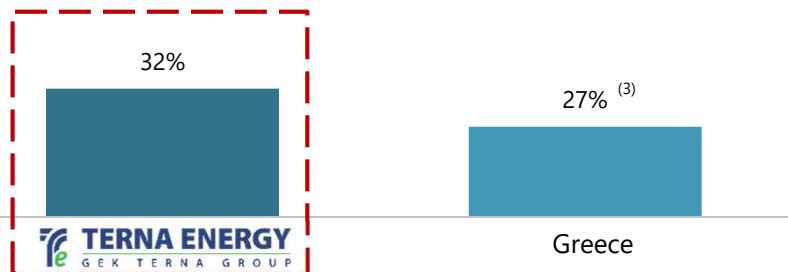
11 GW⁽²⁾
Projects
at various stages

Technologically Diversified

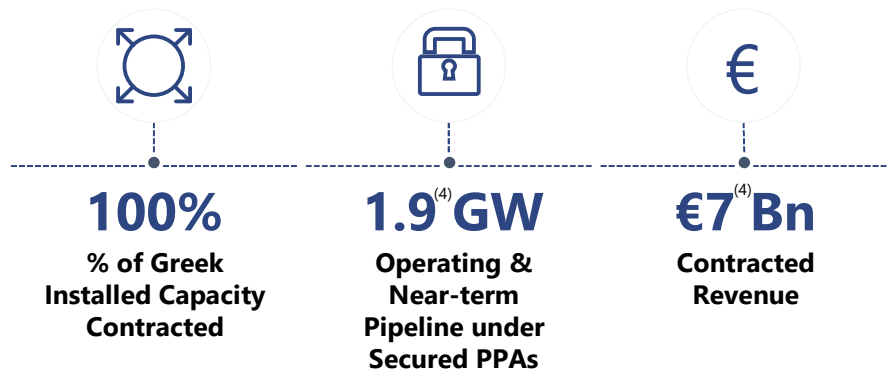


Exceptionally High Load Factors Vs GR Market

2022



Long Term Contracted Revenue



Notes:

- Including assets in Poland and Bulgaria
- Including c. 5 GW of other applications / licenses on top of the pipeline
- Load factor (W/F) source: DAPEEP
- Including Amari and Amfilochia contribution

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

Differentiating Skills

-  **World-Class In-House Certified Wind Measurement Laboratory and Exceptional Environmental Knowhow**
-  **Regulatory and Compliance**
-  **Strong Construction and Operational Capabilities**
-  **Seasoned Project Finance and Investment Team**

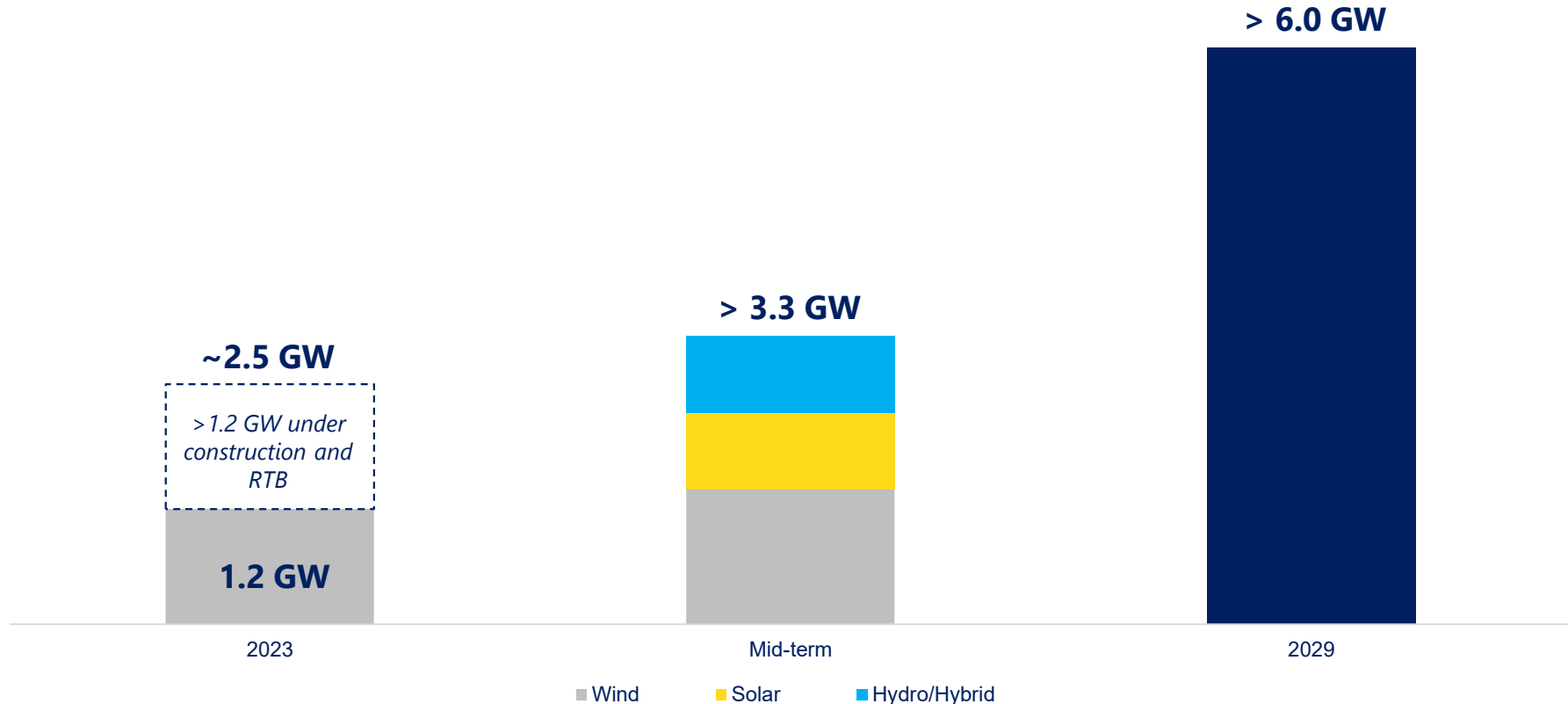
Development Process

- **Wind and energy assessment and micro siting suitability**
- **Deep & thorough environmental assessment**
- **Contribution as major stakeholder to national policies and targets**
- **Special and spatial planning compatibility**
- **Grid connectivity and availability**
- **Decades of expertise across a variety of technologies assuring constructability, quality and on time delivery**
- **Strong know-how in operations delivered by on-site personnel working with asset manufacturers**
- **Utilisation of internal knowhow to achieve superior returns**
- **Secured project financing for over ~1.9 GW**

Terna Energy team has unique capabilities and expertise, achieving consistently exceptional outcomes over the years

TERNA Energy growth targets

- Installed capacity to exceed 6.0GW by 2029
- Mid-term milestone >80% covered with under construction and RTB capacity



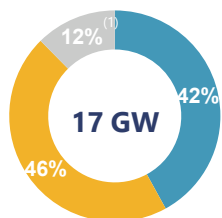
Targets well underpinned by 12 GW portfolio of existing pipeline

International: Significant Growth Opportunity Also Outside Greece

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

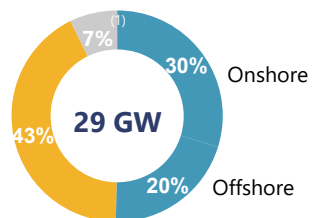
Poland

RES Capacity Today



Operating Capacity
~102 MW (Wind)

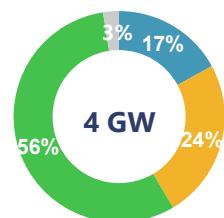
2030 Country RES Capacity Targets⁽²⁾



 **Target:** 
~180 MW (Wind)

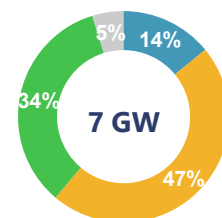
Bulgaria

RES Capacity Today






Operating Capacity
~30 MW (Wind)

2030 NECP RES Capacity Targets





 **Target:** 
~300 MW (Wind & PV)

Key upcoming projects:

Wind Poland I		24 MW	Land Secured
Wind Poland II		24 MW	Land Secured
Wind Poland III		30 MW	Land Secured

Key upcoming projects:

PV Bulgaria I		130 MW	Building permits, Environmental & FCA approved; Expected Commencement of works in Q3 2024
PV Bulgaria II		100 MW	Environmental & connection terms approved; Building permit expected in Q4 2024

Notes:

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

Challenges for the Renewable Energy in the CEE region

CEE region is undergoing a transition towards an energy-efficient, renewables-based economy.

Major challenges within the industry

1 Grid connection challenges

The role of RES for meeting the energy demand is critical, but the lack of reliable energy grids is a serious problem that requires long term planning and solution. The grid condition in some countries is rather poor and underfunded. For meeting the challenges of the future rehabilitation and expansion of the grids is required.

2 Land Use

Finding the equilibrium between demands for energy with other land-use requirements is a major issue. The importance of natural resources is vital and the land use has become a point of debate. Which land should we use for RES?

3 Economic & Financial challenges

Indeed the recent years investments in RES has boosted innovation and technologies advance. However, current economic pressures slow down implementation of new projects. The financial support from large organizations and introduction of governmental incentives is absolutely necessary for achieving the progress we need to see.

4 Political challenges

Strongly connected with economic concerns are the political challenges of the transition to RES. Authorities, in some countries pacing in the right direction, but some others are being left behind. Societies are increasingly positive for RES and they consider them as a critical response to the climate emergency. However, doubts about costs and benefits, as well as other concerns in daily life can drive RES further down on the political priorities.

5 Energy Storage

By nature, the energy generation from RES is more variable comparing with other means of energy generation. For smoothing the discrepancies in the energy supply, batteries are required to store energy for later. Advancements in battery technologies have reduced their cost significantly but for sure there is room for improvement.

TERNA ENERGY, our experience in Romania



1

In 2021 we started monitoring the Romanian market closely and in late 2022 we started reviewing specific wind and PV projects.

2

Many developers and agents presented to us many projects under development with a total capacity of more than 3GW

3

With the support of local consultants, we have evaluated more than 600MW (Legal & Technical DDR)

4

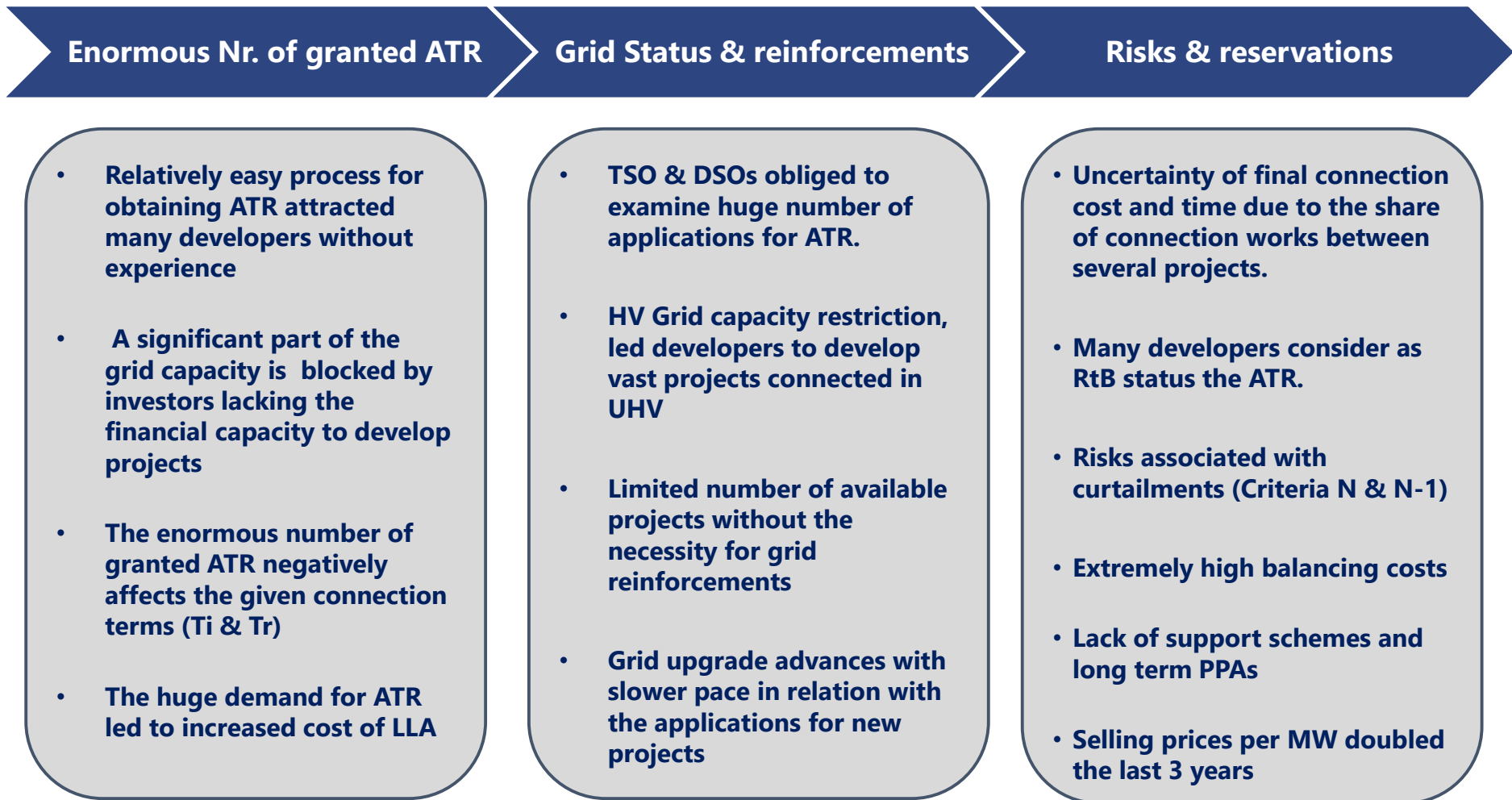
Through this process we met serious developers with proven track record and international experience as well as highly specialized consultants

5

Dynamic banking sector that understands the needs of the RES market.

Obstacles on the path

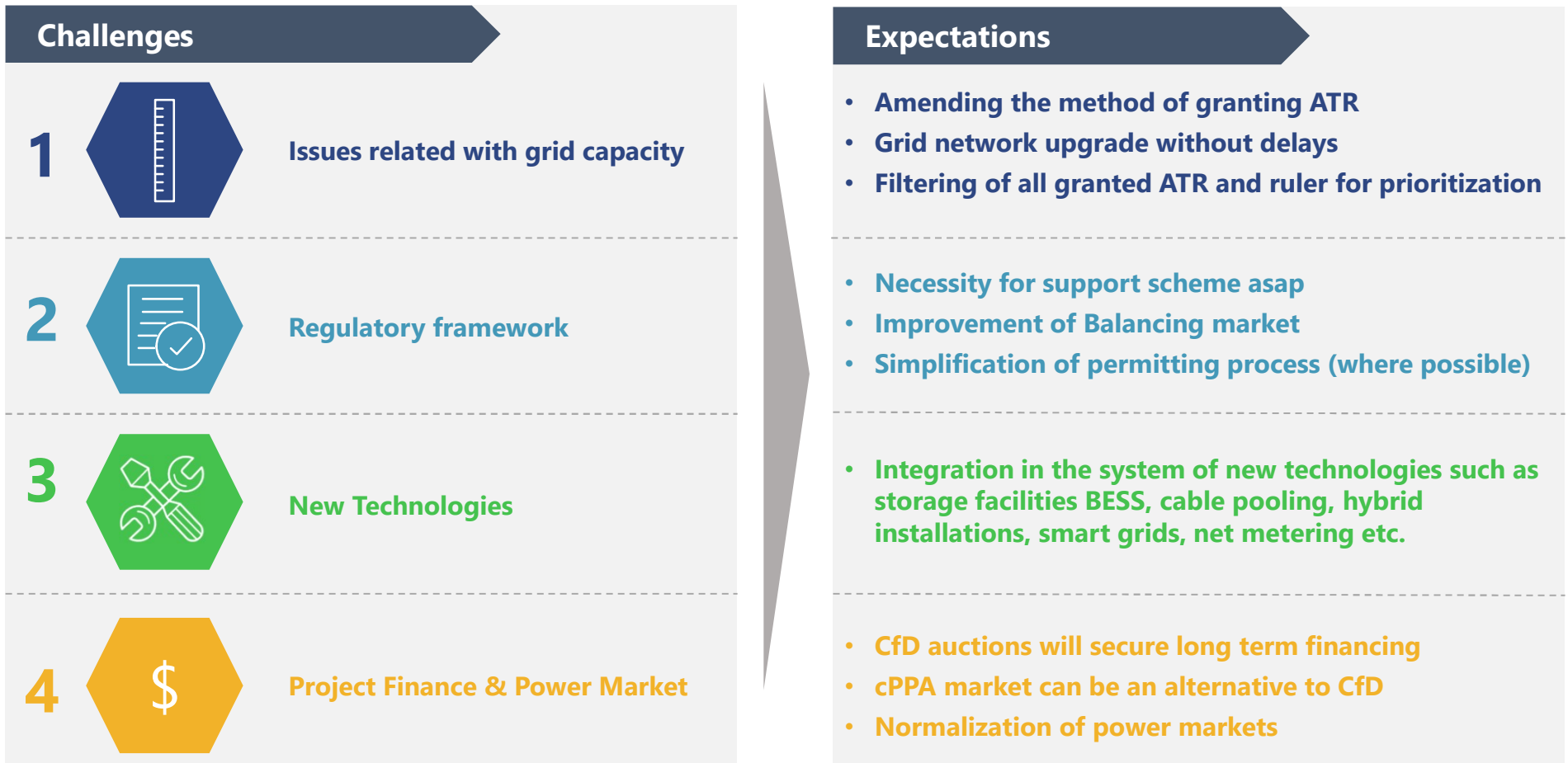
Uncertainties that a foreign investor confronts in Romania



Operating capacity of PV & Wind is about 5GW while the capacity of granted ATRs is almost 50GW

On the way to the correct direction

- Although we are facing across the CEE region, the same issues and problems (more or less) Romania seems to be better positioned for supporting the further development of RES.



The 5GW of installed PV & Wind projects in Romania is very low comparing with the country's potential.

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85 Mesogeion, 11526 Athens, GREECE

T. +30 210 6968300 F. +30 210 6968096 E. info@terna-energy.com

www.terna-energy.com

Contacts

John Tamareisis

jtamareisis@terna-energy.com

+30 210 6968527