



## **Disclaimer**

IN REVIEWING THE INFORMATION CONTAINED IN THIS PRESENTATION, YOU ARE AGREEING TO ABIDE BY THE TERMS OF THIS DISCLAIMER. THIS INFORMATION IS BEING MADE AVAILABLE TO EACH RECIPIENT SOLELY FOR ITS INFORMATION AND IS SUBJECT TO AMENDMENT.

This document has been prepared by Greenvolt – Energias Renováveis, S.A. (the "Company") solely for informational purposes and use at the presentation to be made on this date and, together with any other materials, documents and information used or distributed to investors in the context of this presentation, does not constitute or form part of and should not be construed as, an offer (public or private) to sell or issue or the solicitation of an offer (public or private) to buy or acquire securities of the Company or any of its affiliates or subsidiaries in any jurisdiction or an inducement to enter into investment activity in any jurisdiction and you should not rely upon it or use it to form the basis for any decision, contract, commitment or action whatsoever, with respect to any proposed transaction or otherwise

By attending the meeting where this presentation is made, or by reading the presentation slides, you acknowledge and agree to be bound by the limitations and restrictions herein set forth.

This presentation may not be distributed to the press or to any other person in any jurisdiction, and may not be reproduced in any form, in whole or in part for any other purpose without the express and prior consent in writing of the Company.

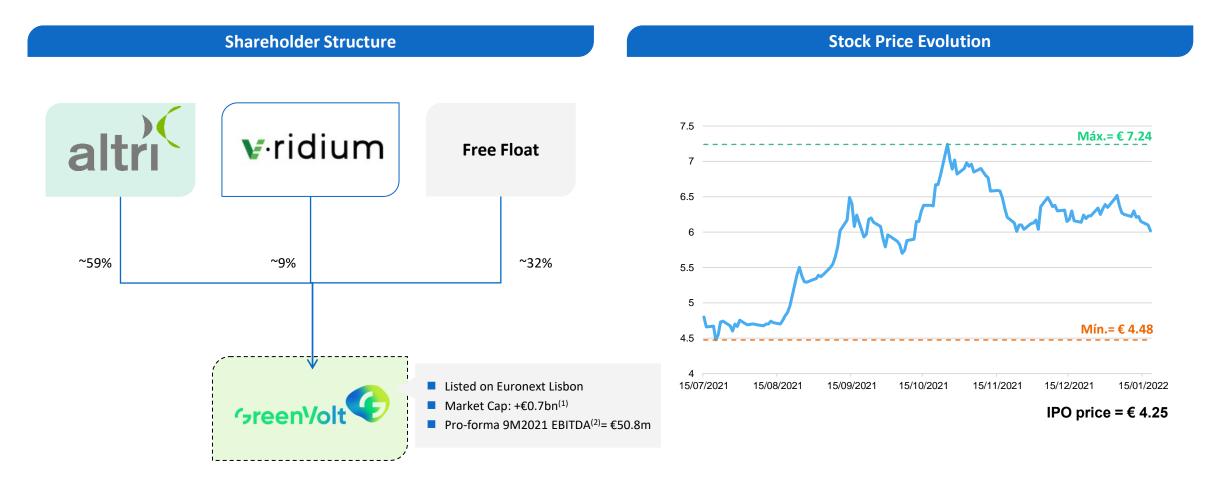
Any decision to invest in any securities of the Company or any of its affiliates or subsidiaries in any offering (public or private) should be made solely on the basis of the information to be contained in the relevant prospectus, key investor information or final offering memorandum provided to the investors and to be published in due course in relation to any such offering and/or public information on the Company or any of its affiliates or subsidiaries available in the market.

Matters discussed in this presentation may constitute forward-looking statements. Forward-looking statements are statements other than in respect of historical facts. The words "believe," "expect," "anticipate," "intends," "estimate," "will," "may", "continue," "should" and similar expressions usually identify forward-looking statements. Forward-looking statements include statements regarding: objectives, goals, strategies, outlook and growth prospects; future plans, events or performance and potential for future growth; liquidity, capital resources and capital expenditures; economic outlook and industry trends; energy demand and supply; developments of the Company's markets; the impact of legal and regulatory initiatives; and the strength of the Company's competitors. The forward-looking statements in this presentation are based upon various assumptions, many of which are based, in turn, upon further assumptions, including without limitation, management's examination of historical operating trends, data contained in the Company's records and other data available from third parties. Although the Company believes that these assumptions were reasonable when made, these assumptions are inherently subject to significant known and unknown risks, uncertainties, contingencies and other important factors which are difficult or impossible to predict and are beyond its control. Important factors that may lead to significant differences between the actual results and the statements of expectations about future events or results include the company's business strategy, financial strategy, national and international economic conditions, technology, legal and regulatory conditions, public service industry developments, cost of raw materials, financial market conditions, uncertainty of the results of future operations, plans, objectives, expectations and intentions, among others. Such risks, uncertainties, contingencies and other important factors could cause the actual results, performance or achievements of the Company or i

The Company and its respective directors, representatives, employees and/or advisors do not intend to, and expressly disclaim any duty, undertaking or obligation to, make or disseminate any supplement, amendment, update or revision to any of the information, opinions or forward-looking statements contained in this presentation to reflect any change in events, conditions or circumstances.



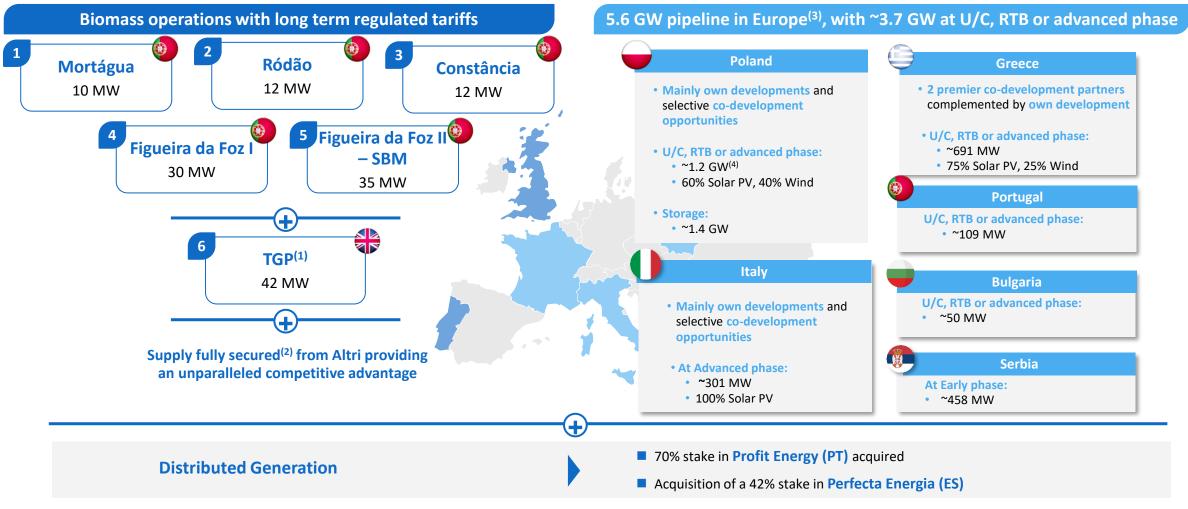
# Altri and V-Ridium currently own ~68% shares of the shares, while the remaining 32% are in free float





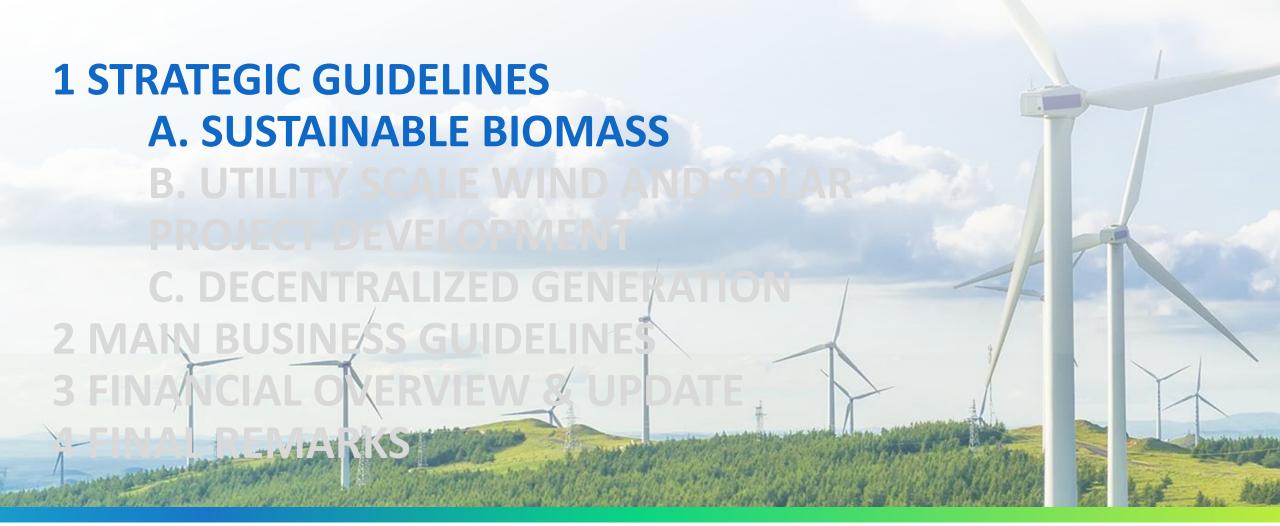


# GreenVolt: renewables player focused in three business areas in different geographies



Notes: Net injection capacity and pipeline; (1) Transaction closed on June 30th, 2021; (2) Excluding TGP; (3) Net pipeline of Solar PV and Wind in Europe (4) 106 MW under construction





# Biomass is a much needed renewable player linked to the circular economy with stable cashflows

Biomass, a core technology in the energy transition

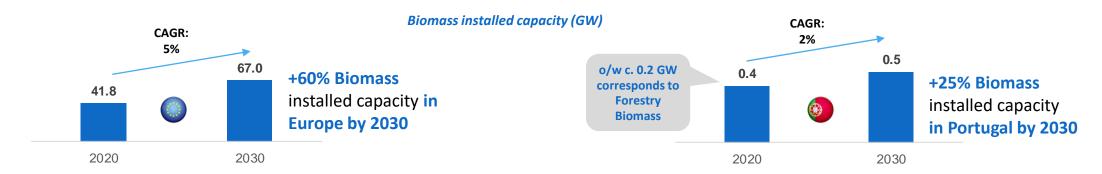
- Biomass is a fully manageable technology and enjoys stable growth prospects across Europe
- "Using forestry Biomass is one of the solutions that will contribute towards creating more value in the forestry sector"(1)
- Critical to manage forestry, urban and new wastes to come, being base load/manageable vs. other generation technologies
- Very limited expected growth in Greenfield Biomass, compared to substantial Solar PV and Wind development
- High barriers to entry: proximity to supply and extensive O&M and AM know-how required
- Waste forestry Biomass is key to achieve energy transition while dedicated forestry Biomass is not fully aligned with ESG fundamentals





Biomass<sup>(2)</sup> will remain as a key energy source both in Europe<sup>(3)</sup>...

... and in Portugal(1)



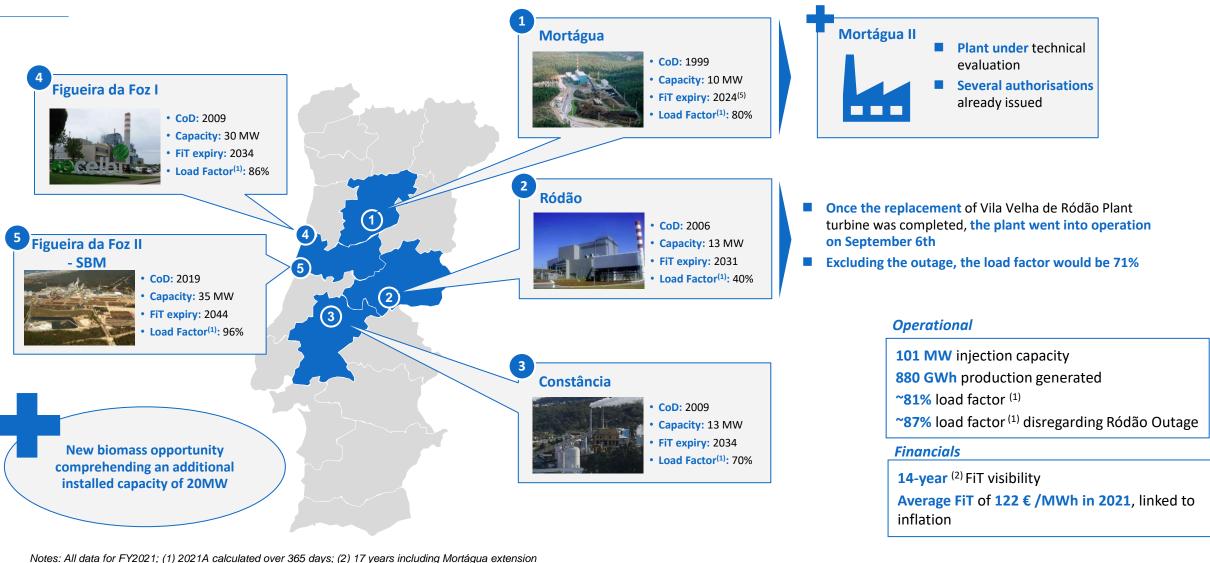
Biomass represents 17% of renewable generation in Europe<sup>(4)</sup>

Biomass represents 11% of renewable generation in Portugal<sup>(4)</sup>

(1) Portuguese NECP; (2) Biomass (including biofuels, biogas and urban waste); (3) IRENA EU-28 (including UK); (4) IRENA Database (2018 renewable electricity generation for EU-28 and Portugal)



# **GreenVolt** is the leading Biomass player in Portugal...





# ... and is focused on European opportunities that can be optimised

#### **Tilbury Green Power Holdings Limited (TGPH)**

- Strategically located c.25 miles from London to economically process waste wood
- Multiple long-term value enhancement opportunities given strategic location and land lease until 2054
- High degree of cash flow visibility, including ROCs revenue underpinned by RPI-index up to 2037 and a largely fixed operational cost base

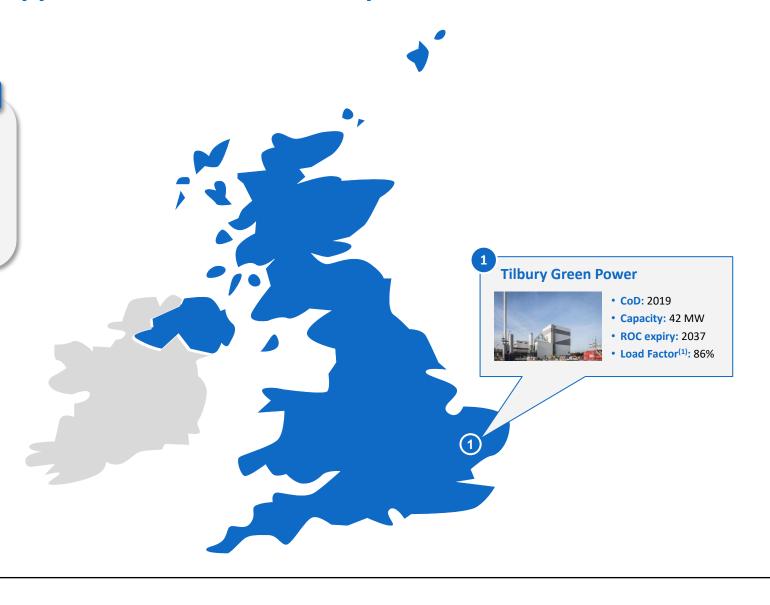
#### **Operational**

**42 MW** injection capacity **310-335 GWh p.a.** production generated **\*86%** load factor<sup>(1)</sup>

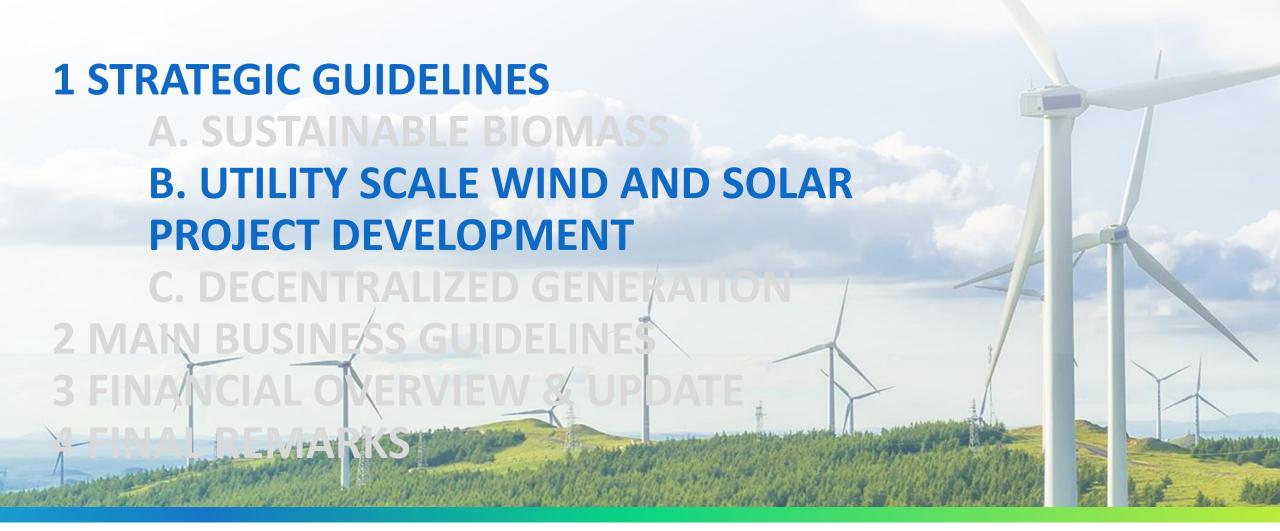
#### **Financials**

15-year ROC visibility
1.40 ROCs / MWh

Notes: (1) 2021A calculated over 365 days







## Solar PV and On-shore Wind: Focus on projects-scarce European markets

Renewable energy generation expansion in Europe • Wind and Solar PV are the main renewable drivers to achieve the energy transition in Europe (currently represent c. 45% of renewable electricity generation and expected to achieve c. 600 GW in 2030)

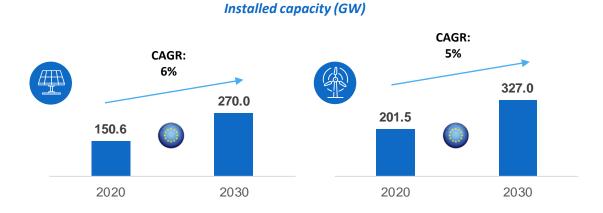


- Key geographies with a common project scarcity feature, while exhibiting different regulatory frameworks (not all MWs are the same)
- Development is the most valuable stage of the Solar PV and Wind value chains
- Increasing weight of Decentralised Generation



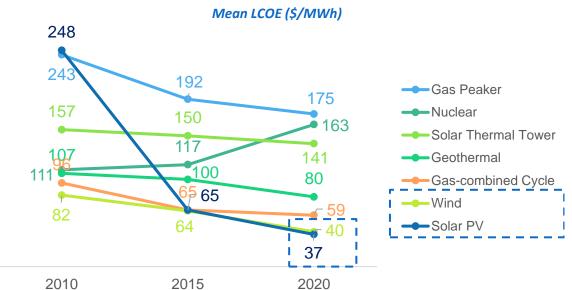
Solar PV and Wind capacity to significantly increase in Europe<sup>(1)</sup>...

... not only because of its sustainable DNA but also because of its low LCOE<sup>(2)</sup>





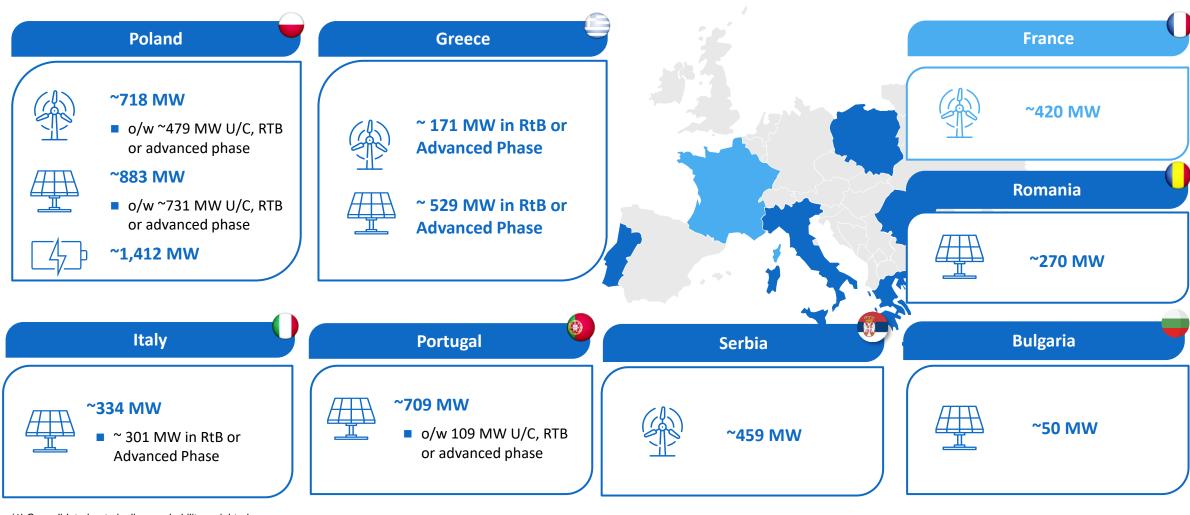
+62% Wind installed capacity in Europe by 2030



(1) IRENA; EU-28 (including UK); (2) Lazard 2020 - Reflects the average of the high and low LCOE (Levelized Cost of Energy) for each respective technology in each respective year



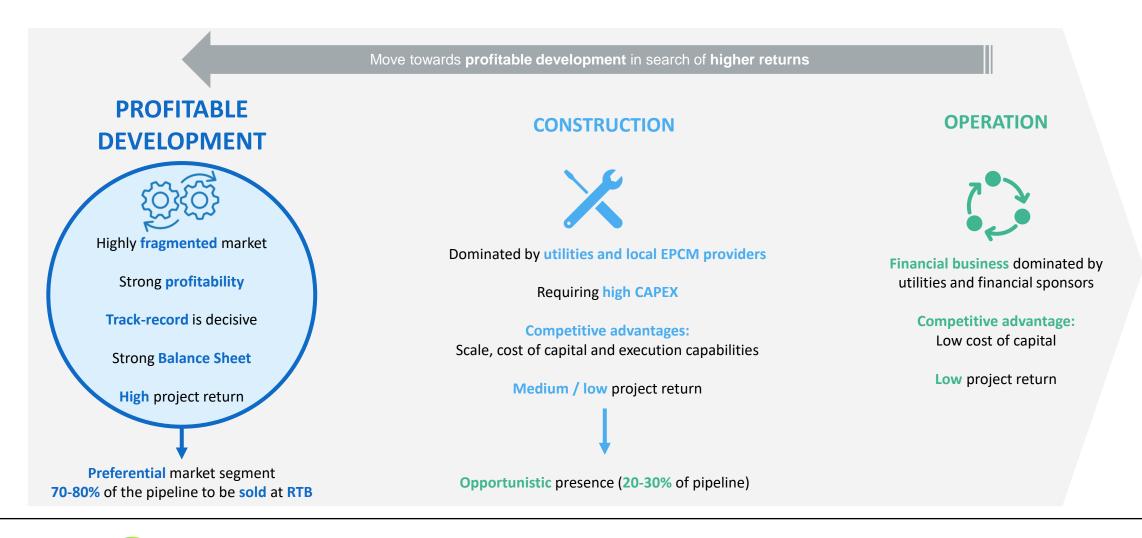
# Wind and solar utility scale: ~5.6 GW<sup>(1)</sup> in project-scarce markets and high potential geographies of which 3.7 GW U/C, RtB or in advanced phase



(1) Consolidated net pipeline, probability-weighted

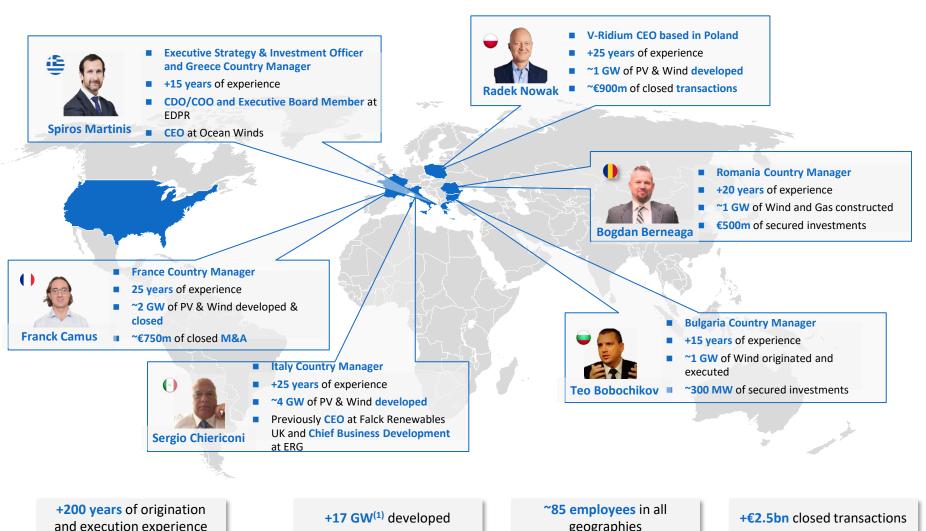


# GreenVolt strategic positioning: development is the highest return stage of the value chain





# V-Ridium: Strong local and reputed development team with proven delivery capabilities of pipeline development and asset rotation



#### **Transversal Functions**



■ +25 years of experience



■ ~8 GW of project development (mostly co-developments)



V-Ridium CFO based in Poland

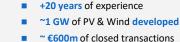


+12 years of experience



Previously EDP Global Solutions and **EDP Real Estate Board Member** 







Daniel Dżaman

■ +18 years of experience

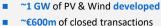


~€600m of closed transactions











Urban



Jacek Błądek

**Ewan Gibb** 

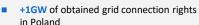
■ +11 years of experience

■ 500 MW AM business in Poland

Previously Senior global R&D manager for Pepsico group



■ +25 years of experience CTO of Energa DSO





Founder of Enercap

Previously Managing Partner of Killcullen Kapital

and execution experience

geographies

(1) Net pipeline, including co-developments



# V-Ridium: team asset rotation track record since 2007

Year	Technology	Project	Capacity	Buyer	Description
2007	Wind	Relax	1.2 GW	edp renewables	<ul> <li>Portfolio and development platform sold to EDPR in the biggest RES deal</li> <li>Managed by future GEO founders, EDPR became No. 1 RES player</li> </ul>
2011	Wind	GEO	104 MW	renewables	GEOR develops two Wind farms and offers EDPR a JV, both executed successfully
2015	Wind	GEO	90 MW	IKEA	<ul> <li>Two Wind farms successfully sold to IKEA</li> <li>Transaction named "2015 RES Deal of the Year in Poland"</li> </ul>
2018	Wind	GEO	204 MW	Vestas.	<ul> <li>GEOR creates JV with Vestas investing in seven Wind farms with total capacity of 204 MW</li> </ul>
2019	PV	GEO	21 MW	Eesti Energia	<ul> <li>21 MW of constructed Solar PV portfolio sold with CfD support scheme from auction (June 2017)</li> </ul>
2019	PV	GEO	40 MW	GREEN GENIUS	<ul> <li>GEOR won Solar PV auction in 2018 with over 40MW Solar PV projects</li> <li>20 MW was sold to European utility</li> </ul>
2019	PV	GEO	59 MW	<i><b>€KGAL</b></i>	<ul> <li>GEOR creates JV with German fund KGAL called Augusta Energy under which invests in 59 MW in a PV installation</li> </ul>
2019	Wind	GEO	210 MW	edp renewables	<ul> <li>GEOR sales 210 MW of RTB Wind portfolio with CfD support scheme from auction (December 2019)</li> </ul>
2020	Wind	GEO	51 MW	TAALERI	• 51 MW of RTB Wind portfolio sold with CfD support scheme from auction (December 2019)
2020	PV	GEO	22 MW	SPECTRIS Renewable Energy	GEOR exits with 22 MW Solar PV projects to Chinese funds with PV auction won in 2019
2020	PV & Wind	V-ridium	-	<b>v</b> ·ridium	<ul> <li>GEOR rebrands and establishes new operating and investment platform V-Ridium</li> <li>Management team remained unchanged</li> </ul>



# Strategy: develop and sell at Ready to Build in order to maximise cash flow and reduce CAPEX



# RTB

#### **Development**

- Access: grid access, connection permits and administrative authorisations
- Land securement: landowners' negotiation, occupation titles and permits
- Energy yield assessment: ability to assess future annual energy production for accurate revenue estimation
- Environmental and technical optimisation: creating optimal layouts with efficient technical design and limiting environmental impact



#### **Construction Management**

- Structure, management engineering and purchase and construction contracts
- Project management, planning, procurement and contract management



#### **Operation**

- Efficient O&M improved by energy production forecasts
- Cost-efficiency, maximising availability and extending assets' useful life



#### **Energy management**

- Sales management providing a flexible approach to the market
- Portfolio approach to achieve an adequate risk/return balance

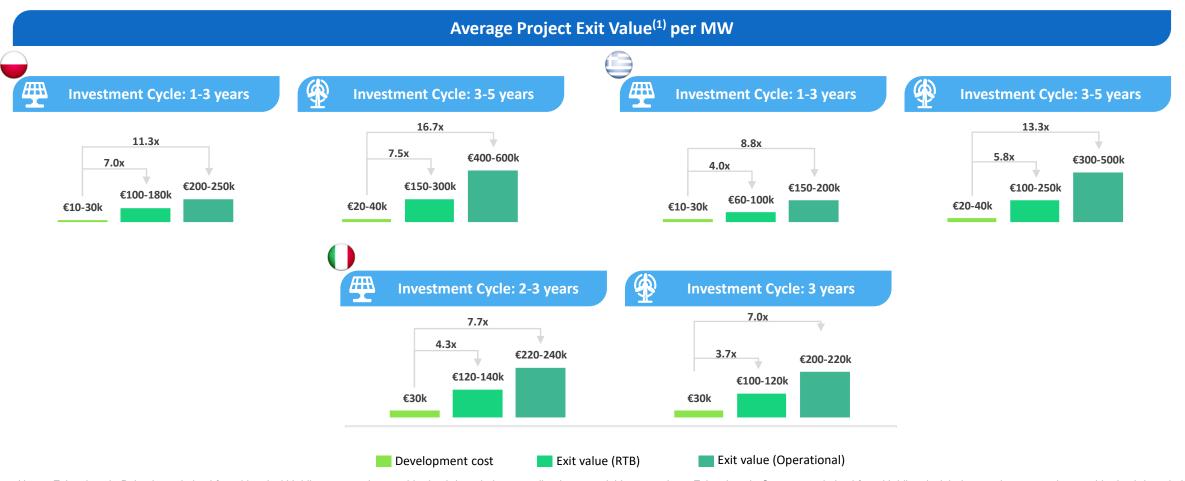
#### Flexible "Sell or Hold" strategy

- Ability to attract new investors at every stage of the project (asset rotation)
- Carefully selected and optimised pipeline capacity to remain on-balance sheet



# **Development: light CAPEX with double digits returns**

#### GreenVolt's investment decisions to be based on best risk-adjusted returns across core markets



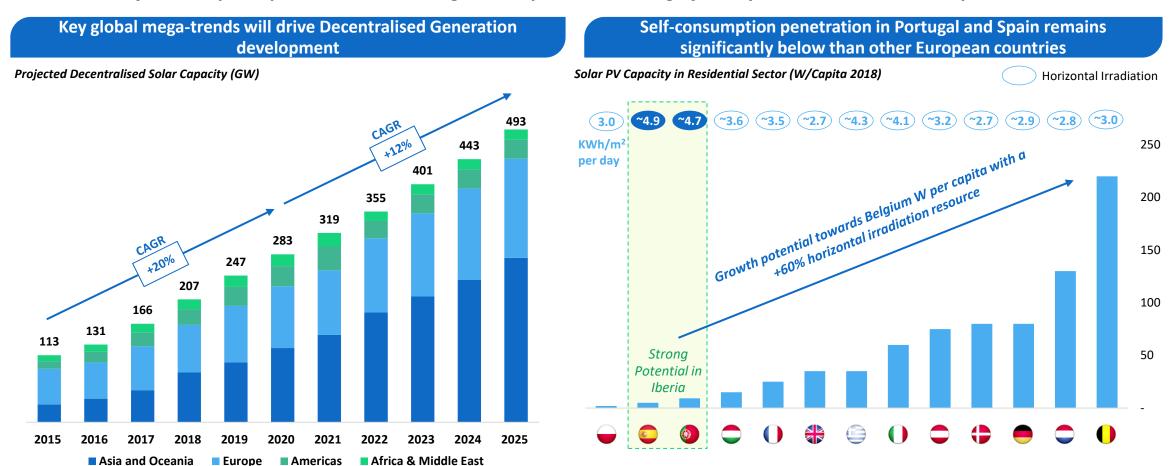
Notes: Exit values in Poland are derived from historical V-ridium transactions and in-depth knowledge regarding investor yield expectations. Exit values in Greece are derived from V-ridium insight into market transactions and in-depth knowledge regarding investor yield expectations. In the case of Italy, despite those markets currently yield higher exit values, V-ridium is assuming a compression of exit values due to increased competition. (1) Only assuming value creation.





# DG: strong growth potential globally but especially in Iberia

## Self-consumption penetration in Portugal and Spain remains significantly below than other European countries



Source: Power Europe, Global Solar Atlas, Monitor Deloitte



## DG: GreenVolt's third strategic lever



#### **Decentralised Generation market**

- High growth market, a large consolidation opportunity
  - Global mega trends driving Decentralised Generation
- Industrial and residential clients-focused operators
  - Family houses: customers seek simple solutions (1.5-15 KWp) with significant cost savings
  - Dwelling buildings, SMEs and other (i.e. schools): clients seeking sustainability and savings (10-100 KWp)
  - High street and hotels: sophisticated customers seeking strong savings (above 100 KWp)
  - Industrial (large projects with sophisticated customers) looking for short paybacks (> 120 KWp)



#### **Our strategy**

- Take advantage of market's under-penetration and capture significant growth opportunities available
- Target full integration within GreenVolt and activate synergies
- Enhance access to consumer, increasingly strategic in the new energy transition
- Increase GreenVolt's ESG commitment



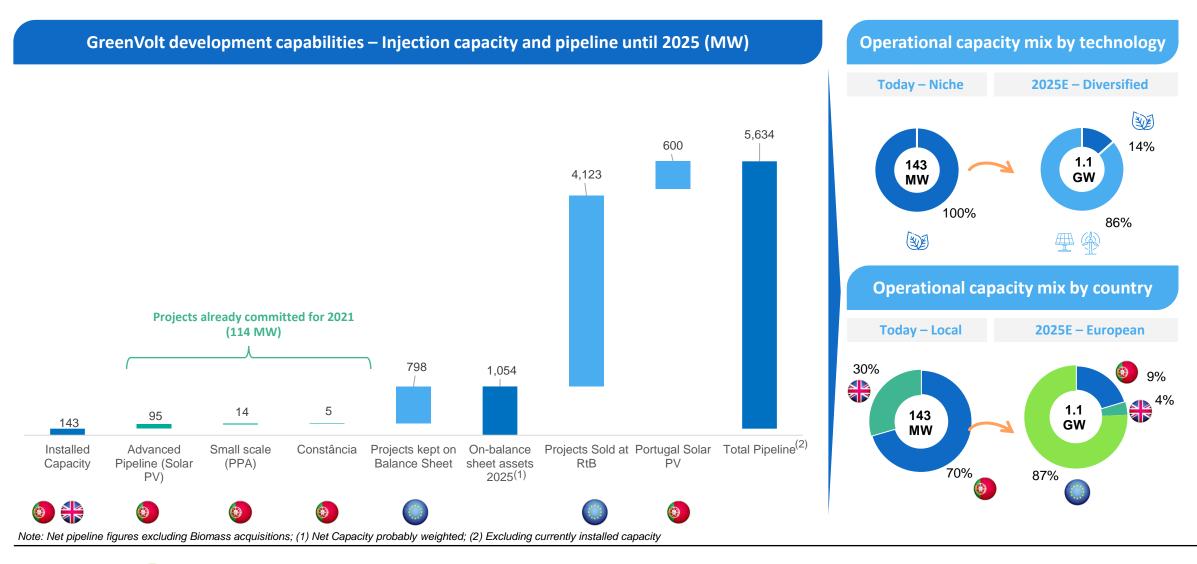
- Acquisition of a 70% stake in Profit Energy
  - € 0.7M 2020 EBITDA, with expected annual growth of ~40% until 2025
  - 4 main business units: UPAC<sup>(1)</sup>, Led illumination, O&M and ESCO
  - Management team will keep a stake in the company
- Acquisition of a 42% stake in Perfecta Energía, a growing Distributed Generation player in Spain focusing on the residential segment
- Opportunities under analysis in other European geographies

(1) Client owned units for self-consumption



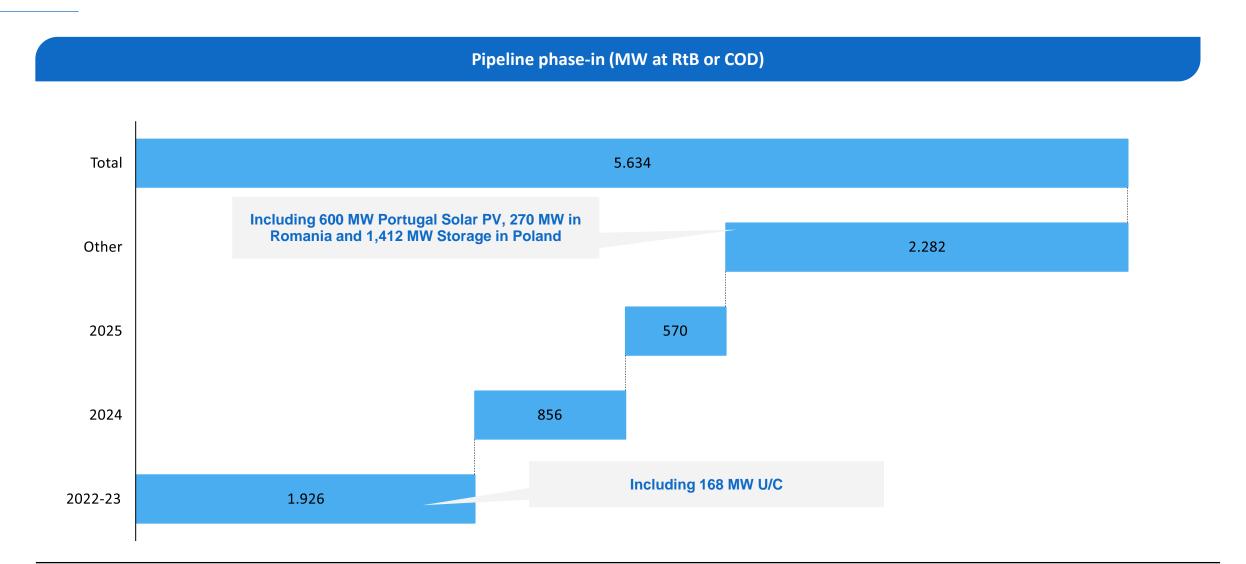


# GreenVolt to develop ~5.6 GW, while ~1.1 GW would remain on balance sheet





# Until 2025, GreenVolt will develop 5.6 GW, focusing on a profitable growth strategy





# Conservative financial policy achieving Net Debt / EBITDA of 3.5-4.0x

#### No need for additional **GreenVolt credit lines:** No dividends to GreenVolt's shareholders shareholders expected in the horizon of the business plan Uncommitted: €100m contributions beyond due to growth opportunities 2021 IPO Committed: €180m Wide room for additional Project Finance/acquistion debt (2020A NFD/EBITDA at $1.0x^{(1)}$ ), €1.5-1.8bn expected to fund existing while achieving prudent development plan capex leverage levels below 4.0x Full focus of cash resources for the Sale of minority stakes in next 5 years into growth certain projects, benefitting from developing-construction SBM Green Bond: €49m re-rating to help funding GreenVolt Green Bond: €100m growth Other MLT loans: €55 m Mostly generated in 2024-2025, to fund At project level further company growth Cash flow from New debt Sell down IPO proceeds Total sources Total uses Investment in Debt service Dividends to Cash available Taxes operations at balance growth minorities sheet (1) Adjusted for €50m capital increase in March 2021

Sources and uses of funds 2021-2025



## Attractive ESG-focused investment proposition under a best-practice Governance model

#### Main policies and initiatives

- Leader in the forest-based renewable energy sector, expecting to grow in other renewable energy sources
- SBM Green Bond 1st green bond listed on Euronext Access Lisbon
- Member of the United Nation's Global Compact since January 2021











#### **Well structured Governance**

- Incorporating international guidelines
- Well-balanced and diverse **Board of Directors** 
  - **c.36%** of independent members
  - c.36% of female members
- Well-established and organised system:
  - Risk, Recruitment & Remuneration and Audit and Related Parties' Transactions committees
  - Strategic and Operational Monitoring Committee
  - **Ethics, ESG and Sustainability Committee**
  - Strong Code of Ethics and active Risk Management
  - Reporting and disclosure according with market references

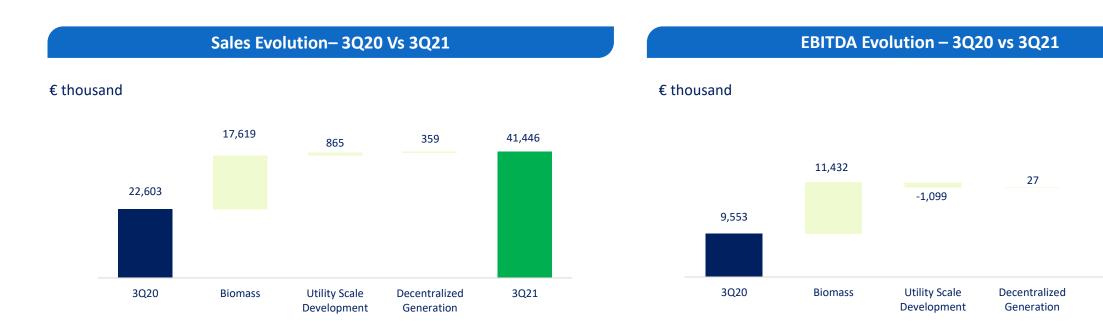
#### **Strong Human Resources policies**

- Active employee retention policies
- Retribution policies fully aligned with GreenVolt's objectives
- Best-in-class training policies
- Focus on diversity





# Consolidated revenues and EBITDA benefited from all business units vs 2020





+ 83.4% vs 3Q2020



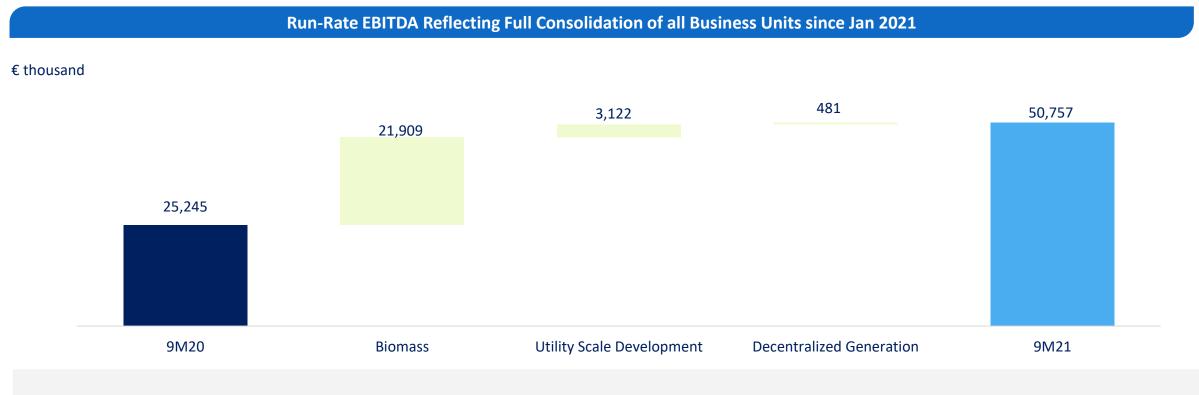
+ 108.4% vs 3Q2020



19,914

3Q21

# The 3Q21 results included for the first time impacts of GreenVolt's main acquisitions: TGP, V-R and Profit



• If all business units (existing and acquired during the first 3 quarters of 2021) were consolidated in GreenVolt accounts since January 1, 2021, 9M 2021 EBITDA of GreenVolt would have been €50.8m (+155% vs 3Q21)



# In 2H 2021, GreenVolt has raised €100m in Green Bonds and €105m in other MLT **Financing**

**Green Bond** 

**GreenVolt Green Bond 2021-2028** 



**GreenVolt Commercial Paper Programme** 

**GreenVolt Bonds** 

**Other MLT Financing** 



€50m



**Notional** €25m

















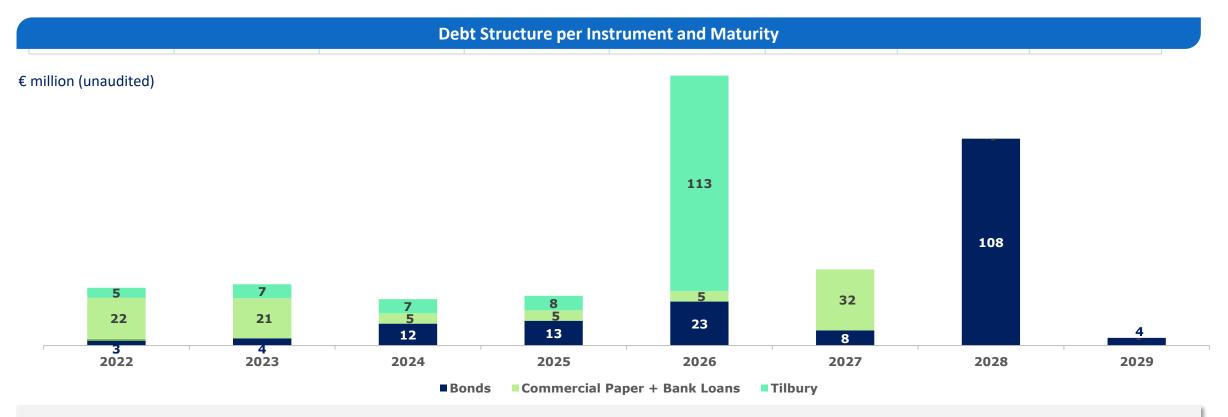
**GreenVolt Loans** 



- €100m subscription target achieved on the 1st day of book building
- Order book demand surpassed in +57% the initial offering notional



# The Green Bonds Issuance and Commercial Paper programme enable GreenVolt to support its operations in the short-to-medium term, with a longer debt repayment profile



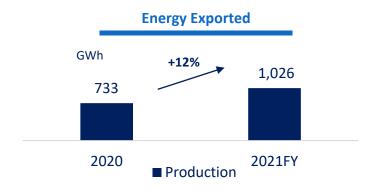
• Debt service schedule concentrated after the divestment of the majority of pipeline, thus providing both strategic and financial flexibility



# Biomass update: in 2021FY energy exported was up by 12%

# Biomass 5 BIOMASS PLANTS 98 MW 1 BIOMASS PLANT 42 MW

#### **OPERATIONAL RESULTS**



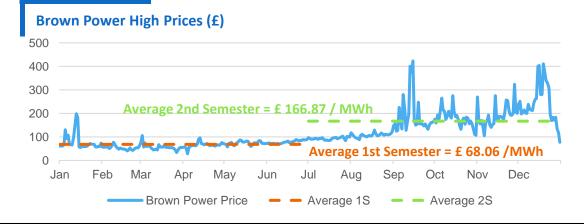
#### **Brown Power Evolution (TGP)**

• TGP has a fixed PPA with a 25£/MWh floor

## $Revenues = Fixed\ Amount + Variable\ Amount$

Covered by the Renewables
Obligation Certificates (ROCs)
system, whose annual evolution is
indexed to the evolution of the
Retail Price Index (RPI)

Depends on the evolution of the power price on the market





# GreenVolt is present in the stage of development and promotion of projects – through the acquisition of V-R, a company headquartered in Poland with international coverage

#### **Development Key Milestones**



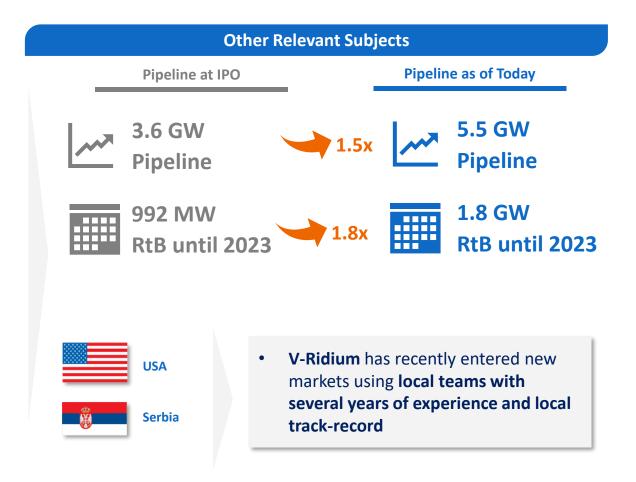
The expected entry into the **pre-construction phase** (Ready to Build) **of around 220 MW was anticipated**. Thus, for the year 2022, GreenVolt expects to have **around 606 MW of Ready to Build projects in Portugal, Poland and Greece** 



Signing of co-development agreements in Italy and Romenia



Acquisition of a **majority stake (51%) in KSME**, an energy storage solutions company with a pipeline of around 5.6 GW, of which around 1.4GW with guaranteed interconnection to the Polish electricity grid





# DG update: Profit energy is focused on B2B

#### **Profit Energy Acquisition**



Acquisition of a 70% stake in Profit Energy



- Companies specialised in the development and design of energy production projects using renewable sources and energy efficiency, with a particular focus on photovoltaic solar systems and LED lighting
- It offers engineering, procurement and construction services as well as operation and maintenance services
- Profit Energy is essentially dedicated to the industrial and commercial segment (B2B)





# DG update: Iberian expansion with the acquisition of Perfecta Energia

#### **Perfecta Energia Acquisition**





Acquisition of a 42% stake in Perfecta Energia



- It also offers **engineering**, **procurement and construction services** as well as **operation and maintenance services**
- Perfecta Energia presents a financed solution unique in the market with no up-front, with savings and hassle free
- The company offers a broad range of **renewable energy products** including **electric vehicle chargers and batteries and solutions based on savings**



(1) Considering the number of projects in backlog, the number of MW secured was computed according to the average installation size from the previous year.





# GV is a unique renewable energy vehicle with a solid and sustainable cash flow pattern

#### Leading and well-established Portuguese operator with superior development capabilities in Europe



## Residual biomass leader





DEMONSTRATED DEVELOPMENT CREDIBILITY

**Conservative Financial Policy** 



**ESG DNA** 

- 140 MW Biomass injection capacity in Portugal and UK
- Waste wood and forest residues
- Long term regulated tariffs: FiT and ROC
- UK brown power exposure with limited risk due to PPA in place

- Presence in 12 attractive countries where projects have scarcity value
- Unparalleled local knowledge
- Balanced portfolio between wind and solar PV
- **Deep focus in DG**, a sector that will grow in the upcoming years

- Secured regulated cashflows
- Relevant exposure to merchant prices in UK with downside protection through PPAs
- Underleveraged financial structure

- Circular economy
- Carbon neutrality
- € 50 m SBM green bond
- € 100 m GreenVolt green bond
- Best practice Governance model
- Strong Human Resources policy
- UN's GIM & UN's SDG

Security of cash flows

Geographical diversity

Stable and predictable cashflows

**Rooted ESG focus** 



PIPELINE ~5.5 GW

U/C, RTB & ADVANCED
PHASE CAPACITY
~3.7 GW

Full control over the value chain

TARGET GROWTH<sup>(1)</sup> BY '25

~40% EBITDA

~40% Net Profit

**Financial Strength** 

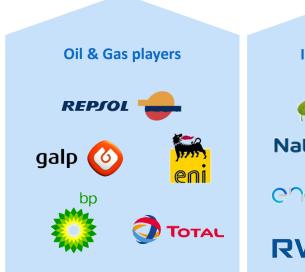
Recurrent annualized (2021E)
Net Debt/EBITDA below 3.0x
Highlights GreenVolt's
underleveraged profile

(1) Compound annual growth rate until 2025



# GreenVolt's unique positioning within the renewable sector

## The future of renewable energies...







GreenVolt is a
developer and IPP
focused on regulated
biomass expanding its
presence into solar PV
and wind technologies
in Europe with a clear
focus: SUSTAINABLE
AND PROFITABLE
GROWTH







... delivered by proven ability to execute



