







## **ERG IR DAY**



14 MAY 2021



### DISCLAIMER

This document contains certain forward-looking information that is subject to a number of factors that may influence the accuracy of the statements and the projections upon which the statements are based. There can be non assurance that the projections or forecasts will ultimately prove to be accurate; accordingly, the Company makes no representation or warranty as to the accuracy of such information or the likelihood that the Company will perform as projected.



## AGENDA

- □ A Successful Journey Alessandro Garrone, EVP
- **2021-2025 Business Plan** Paolo Merli, CEO:
  - ERG Today
  - Trends & Outlook
  - ERG Tomorrow
  - Moving towards an Infrastructural Business Model
  - 2021-2025 Targets
- **2021-2025 Financial Strategy** Michele Pedemonte, CFO
- **With ESG in our DNA** Emanuela Delucchi, Chief ESG, IR & Comm.
- □ 10 2021 Results Michele Pedemonte, CFO
- **2021 Guidance & Final Remarks** Paolo Merli, CEO





# **A Successful Journey**

Alessandro Garrone - EVP

## **OUR TRACK-RECORD IN ENERGY TRANSITION**





## 2018-2020: WE ACHIEVED WHAT WE SET OUT TO DO





## DECARBONIZATION OF ERG'S PORTFOLIO WELL ON TRACK





Carbon index down 5% in 2018-2020 period



 2,983 kt of C02 avoided in 2020, in line with 2018-2022 Business Plan



ERG ranked 1st by Vigeo as 2019 best Climate-related financial disclosure



Source: non financial statements

<sup>(1)</sup> The Carbon index drop in 2010 was due to the entrance into operation of the ERG Power plant which replaced the existing oil fed power plants. <sup>(2)</sup> The Carbon index drop in 2014 was due to the sale of the ISAB Energy plant.



## A WELL RECOGNIZED AND REWARDED ESG PROFILE



### **ERG included in S&P Global Clean Energy Index with a weight of 0.34%**

<sup>(1)</sup> The score issued on 24 March 2021

<sup>(2)</sup> With a score <10 [scale from 0 to 100] ERG is placed at the very top of the utility universe



### A REJUVENATED MANAGEMENT TEAM TO ENSURE SEAMLESS STRATEGY CONTINUATION

Our Mission: keep growing in RES acting as #SDGsContributor

A new BoD, a new CEO, a new COO to continue our journey



A rejuvenated and motivated Management Team mainly grown internally sharing the same values

A renewed remuneration policy linked to BP 21-25 execution

Strong commitment to ESG targets (included in both MBO and LTI schemes), at the core of ERG strategy

## A BEST IN CLASS GOVERNANCE MODEL WITH...





- A renewed Control, Risk and Sustainability Committee to ensure:
  - a strong risk management policy
  - a focus on ESG at the core of ERG LT strategy
- Strategic Committee committed to supervising Strategy Execution

An enhanced focus on Energy Sales through CFD and PPA



## $\dots \text{AN ADVANCED SYSTEM OF REWARD POLICY, SUCCESSION AND CAREER PLANNING}$



#### **Rewarding Policy:**

- **MBO**: Short-Term objectives linked to EBT<sup>(1)</sup>, MW Growth and ESG targets
- An enlarged<sup>(2)</sup> LTI system based on shares with escalation mechanism based on stock performance and execution of ESG KPI
- A revised remuneration system for CEO to enhance correlation with strategy execution and share performance (60% MBO/LTI – 40% Fix)
- 100% of management anchored to ESG 2021-2025 Strategy

# High Degree of satisfaction in AGM for the new Rewarding policy (96%<sup>(3)</sup> voted in favour)

<sup>(1)</sup> EBT: Earning Before Taxes
 <sup>(2)</sup> LTI enlarged to more than 20 key leaders of the Group
 <sup>(3)</sup> % on total votes in AGM



## 2021-2025 Business Plan

Paolo Merli - CEO



## ... WITH AN INVESTMENT GRADE CAPITAL STRUCTURE



#### Capital structure aligned to ESG based business model



Financial & Dividend policy:

- Target Net Debt/EBITDA ~3.5x
- Maintaining Investment Grade rating (BBB-)
- Sustainable dividend (€0.75/sh)

#### Unique leading renewable player with financial firepower

E-MARKET SDIR CERTIFIED

8 DECENT WORK AND ECONOMIC GROWTH

Ń

13 CLIMATE ACTION



# **Trends & Outlook**



## **KEY TRENDS IN THE RENEWABLES MARKET**



#### E-MARKET SDIR CERTIFIED

## FUNDAMENTALS ARE THERE WITH AGGRESSIVE 2030 RES TARGET



#### E-MARKET SDIR CERTIFIED

## THE COMPLEXITY OF THE AUTHORIZATION PROCESS



In Italy, the authorization system shows structural hardship

ERG is the sole player which succeeded in obtaining authorization for 3 RPW projects in Sicily

Source: Elemens

#### E-MARKET SDIR CERTIFIED

# MOVING AWAY FROM "LEGACY" INCENTIVES: PROGRESSIVE MARKET "COMMODITIZATION", INCREASING COMPETITION ON MONETIZATION

Phase	Legacy		Transitioning		Commoditizing	
	Befor	e 2015	2015-2025		Towards 2030	
Market context	<b>Low cost-competitiveness</b> of RES vs. conventional		Approaching grid-parity and increasing spotlight on RES		Grid-parity achieved and total RES- centricity	
	Incentive-driven marketHigher competition on monetization (tech-specific auctions <sup>(2)</sup> )Steep learning curve on costs andCoartie addeest addeest addeest addeest addeest addeest addeest			<b>Technology neutral</b> playing field on		
					monetization (auctions/ PPAs)	
	efficiency		Continued cost reduction		Cost maturity and progressive shift towards "infrastructural" business	
LCOE <sup>(1)</sup>	~100	~150	~ 45-50	~50-55	~30-35	
(€/MWh)	(wind)	(solar)	(wind)	(solar)	(wind & solar)	
<b>Price reference<sup>(1)</sup></b> (€/MWh)	~150-250		~55-65		approaching LCOE	
IRR unlevered in Europe <sup>(3)</sup>	10+%		6-7%		Down till <b>4-5%</b>	

### Towards a more "infrastructural" business

<sup>(1)</sup> Indicative price level based on internal analysis on public available data

<sup>(2)</sup> Technology specific auctions where available;

<sup>(3)</sup> Source: Bain, Wind Europe



## STRONG VISIBILITY ON CFD AUCTIONS ON ERG CORE COUNTRY

Country	Auctioned 2019-2020	Awrd/Auct 2019-2020 (%)	Av Price (€/MWh)	Contract / Duration	Visibility
(1)	2,400 MW	63%	63	CFD/20yrs	W/S 2021
	W: 1,880 MW S: 1,320 MW	W: 100% S: 100%	W: 64 S: 57	CFD/20yrs	W 2026 S 2024
17 Al	W: 7,076 MW S: 2,839 MW	W: 61% S: 100%	W: 61 S: 55	CFD/20yrs	W/S 2026
(1)	160 TWh	75%	47	CFD/15yrs	W/S 2021
(2)	W+S: =3,000 MW W: ≥1,000 MW	100%	W: 25 S: 25	CFD/12yrs	W/S 2025

CFD/Auction may be included in the new Regulatory Framework in UK now under review



## PPA MARKET IS GAINING GROUND ACROSS EUROPE



Towards a more "infrastructural" business Corporate PPA are on the rise with a clear prevalence of Nordics and Spain



## ERG RES INCENTIVIZED CAPACITY EVOLUTION OF CURRENT ASSET BASE



### **Progressive phase-out of incentives is part of our Energy Transition**

(GW)



# **ERG Tomorrow**



ERG's 2021-2025 Targets

## ERG'S 2021-2025 BP MAIN OBJECTIVES

Key 2021-2025 Strategic Guidelines

Growth in scale	Setting high growth ambition RES portfolio	$\rangle$	+1.5GW through RPW, Greenfield and M&A
Energy Sales / Mgmt	Sales / Mgmt Securing energy sales through PPA/CfD		80% regulated
Geographical diversification	Positioning over multiple geographies	$\rangle$	~10 countries (vs 7 @2020)
Solar as strategic pillar	Wind and solar as growth drivers, with solar gaining share	$\rangle$	+~0.5GW of solar PV
Seed in Innovation	Capturing opportunities in Storage & other technologies	$\rangle$	Scouting of opportunities
Conventional is "legacy"	RES-centricity on asset base and development.	$\rangle$	<b>Opportunity of Asset Rotation</b>
Integration of ESG	ESG fully integrated in business strategy		ESG Plan



**Energy Sales / Mgmt** 

Integration of ESG

ESG fully integrated in business strategy



## 1.5GW ADDITIONAL THROUGH: REPOWERING, GREENFIELD & M&A



## ~400MW GREENFIELD HIGH QUALITY PROJECTS IN CONSTRUCTION ABROAD



Growth in installed capacity (MW) – Under construction/RTB



~400MW under construction with a visible route to market through CFD or PPA



E-MARKET SDIR CERTIFIED



## OUR REPOWERING PROJECTS IN ITALY ARE GAINING VISIBILITY





## WTG SUPPLY FULLY SECURED FOR GREENFIELD AND REPOWERING PROJECTS



✓ Secured ~1GW through top suppliers contracts at competitive cost Vestas. ∑ ENERCON ✓ Contracts based on ESG criteria



E-MARKET SDIR CERTIFIED



### BUILDING-UP KNOW-HOW IN BUSINESS DEVELOPMENT CONSISTENTLY WITH A GROWING PIPELINE



- Strengthening local teams in Key Countries
- Inclusion of new Engineering and Permitting skills for Solar development
- Co-development agreements in Germany and Spain in Solar expected to bring further know-how



## POTENTIAL UPSIDE FROM PIPELINE IN CASE OF PERMITTING SIMPLIFICATION



Wind & Solar Pipeline: 1,800MW



Leveraging on owned pipeline to boost our growth

## ONGOING M&A PROJECTS: POTENTIAL CONTRIBUTION IN 2021-2025



### Our unique M&A expertise and reputation well recognized on the market<sup>(2)</sup>

<sup>(1)</sup> Prj. 3 includes 100MW plus a gross pipeline of ~1,000MW at different stage of development
 <sup>(2)</sup> More than €10bn in terms of EV of executed transactions from 2008 to the present, both Sell and Buy Side

E-MARKET SDIR CERTIFIED

## ENLARGING GEOGRAPHY AND TECHNOLOGHY SCOPE WITH AN OPPORTUNISTIC APPROACH

Technology – geographies prioritization

E-MARKET SDIR CERTIFIED



... through a proven and consolidated model to scale-up progressively insourcing core activities <sup>32</sup>



## THE EXPECTED EVOLUTION: MORE GEOGRAPHIES TO ADD DIVERSIFICATION



Through a flexible and opportunistic approach we will select the most fitting and executable deals adding geographies in Wind & Solar technologies

## **RECENT DEVELOPMENTS: ENTRY IN THE NORDICS**



#### **Transaction Overview**

Acquisition of Furukraft AB, SPV owning rights for 62MW under construction located in Sweden, region SE4.



#### Rationale

- Enter a new strategic European country
- Fully permitted project
- Experienced partner, Bay.WA r.e., for wind farm co-construction
- Innovative and high-performance wind technology
- Among the European most liquid PPA market
- Among the Nordics most attractive regions: SE4

<b>Wind Farm Overview</b>				
Total Capacity:	62MW			
Energy Production:	209GWh (~40% load factor)			
"Lump – sum" Enterprise Value:	~€100mn			
Wind Technology:	<ul> <li>Siemens Gamesa SG-170</li> <li>WTG #: 10</li> <li>WTG Rated Power: 6.2MW</li> </ul>			
Expected COD:	End of 2022			
Route to Market:	10 years – PPA (to be negotiated)			



# Moving towards an Infrastructural Business Model



## AN EVOLUTION TOWARDS A QUASI REGULATED BUSINESS MODEL



### ERG targets 80% of quasi regulated EBITDA despite incentives phase-out


## ERG PPA STRATEGY ALREADY IN PLACE

- PPA for newly built assets: 10-year tenor
- PPA for existing assets: 5-year tenor

- Strong rating counterparties
- Flexible pricing structures



PPA strategy already in place to deliver in 2021 a sizeable PPA stream to secure approx. 400MW



# WIND BEST PRACTICE EXAMPLES: LIFE TIME EXTENSION PLAN & REBLADING

#### Life Time Extension

What is it: operational life extension of WTG over the design lifetime

What we are doing: Lifetime Certification extension, up to 40 years **Deployment plan:** over 40% capacity covered by certification in 2025

#### Reblading

**What is it:** replacement of the old WTGs' rotor, with innovative blades, both in the materials and aerodynamic profile

What we are doing: Currently ongoing the worksites in the Lacedonia wind farms (180 new blades).

**Deployment plan**: Planned in the others Wind Farms where the repowering is not made possible

**Dismantling consistent with ESG Strategy**: >98% circular

**LTE Certification** guarantees that the operation of the wind farm is compliant with regulations (IEC 61400-28 or DiBt 2012 for Germany) after the expiration of the type certificate





Our in-depth knowledge of the plants and our industrial expertise enhance our assets

8 DECENT WORK AND ECONOMIC GROWT

M

**9** INDUSTRY, INNOVAT AND INFRASTRUCTU

13 CLIMATE ACTION



### **0&M CONTRACTS OPTIMIZATION IN EUROPE -- "GLOBAL APPROACH"**



#### A strong industrial footprint with a flexible approach to O&M

# SEEDING IN INNOVATION: STORAGE & HYDROGEN





 $\checkmark$  Scouting of technologies for storage & Hydro

 $\checkmark$  2 sites identified and ready for storage:

Fossa del Lupo (25MW) e Vicari (10MW)



Storage

Hydrogen

Possible partnerships with off-takers and developers
Green energy & site availability on ERG portfolio may bring opportunities and synergies







Leveraging on our asset base and technical skills



#### **OPPORTUNITY TO RESHAPE ASSET PORTFOLIO TOWARDS A PURE WIND & SOLAR PLAYER**

#### Hydro



#### Efficient Capacity: 527MW (1.5TWh)

> 90% basin (modulable) with 19 hydro plants, 7 micro-hydro plants, 7 dams, 3 reservoirs and one pumping station



#### **Installed Capacity: 480MW (2.5TWh)** High Efficiency Cogeneration (CAR) renewal for Module 1 on track to be completed by year-end 2021;

CCGT



Avg. EBITDA 2018–2020: €105mn Incentives till 2025 on ~35-40% of production



**Upside** Revamping, PPA, Storage



#### Avg. EBITDA 2018–2020: €63mn

Premium asset based on Location, Captive, MGP, Capacity and MSD Markets as well as distribution revenues from RIU (Owned Internal Grid)



**Development Projects in BP 2021-2025** CAR Renewal for module 2<sup>(1)</sup> A new OCGT (57MW)<sup>(2)</sup> in ERG Power site with Permitting well advanced



# **2021-2025 Targets**



### CAPACITY EVOLUTION IN 2021-2025



#### +1,500MW added to strengthen ERG RES portfolio



### CAPEX EVOLUTION IN 2021-2025



#### More than 70% of total CAPEX abroad to enhance geographical diversification



### EBITDA EVOLUTION IN 2021-2025



#### Increasing technological diversification



### EBITDA GEOGRAPHICAL DIVERSIFICATION



#### EU assets to contribute over 30% of Group EBITDA in 2024-2025



# GROWTH IN RES TO MORE THAN OFFSET PHASING OUT OF INCENTIVES



#### **RES** development to more than offset the phasing out of incentives



# **2021-2025 Financial Strategy**

Michele Pedemonte - CFO



SOLID FINANCIAL PROFILE PRESERVED OVER 2021-2025 BP PERIOD

(€ bn)

Gross Debt:

Financial policy: maintaining BBB- investment grade rating and Net Debt/Ebitda @ ~3.5x





### A RELEVERAGE TO BOOST RES PORTFOLIO



#### Sustainable leverage increase consistent with current investment grade rating

### A ROBUST FINANCIAL STRUCTURE

#### Non programmable sources fully unlevered









"ERG's 'BBB-' IDR affirmation reflects robust business profile, and a diversified and clean asset base,.."

#### Interest rate risk fully offset



<sup>(1)</sup> ERG SpA owns operating subsidiaries via fully owned subholding ERG Power Generation (free of debt and in cash pooling with ERG S.p.A.)

	Business Profile	Financial Policy	Expected <sup>(1)</sup> Rating
R	Target of quasi-regulated EBITDA up to 90% Greener asset base	from <b>3.5x</b>	BBB- (stable outlook)
ASSET ROTATION	Increased asset diversification	Up to	
towards Wind & Solar Assets	Increased geographical diversification	4.0x	

A pure W&S Portfolio with up to 90% secured revenues through PPA/CfD can strengthen the business profile and provide for further leverage capacity

E-MARKET SDIR CERTIFIED



# With ESG in our DNA

#### Emanuela Delucchi - Chief ESG, IR & Communication



### **ERG'S WHY**







*We are #GreenEnERGyMakers, one of the leading European producers of energy from renewable sources* 

*We are #ClimateChangeFighters*, at the forefront of the fight against climate change, and pioneers of the energy transition through the development of renewable energy production

*We are #SDGsContributors, our Business model focuses on helping to achieve the Sustainable Development Goals (SDGs) set by the United Nations* 





## ESG AT THE CORE OF ERG'S 2021-2025 STRATEGY



Re-skilling & Agile Transformation
Inclusion & Diversity



• ESG objectives into MBO and LTI • Enhancing Governance model

#### We identified 8 ESG priorities which will be the bulk of our ESG strategy

θŢθ

Governance:

Tax Control Framework abroad

Sustainable Procurement

People:

Health & Safety always



# ESG AS A COMPLEMENTARY LEVER ALONG THE VALUE CHAIN



Target 2021-2025 ESG Plan based on measurable KPIs along the value chain



#### 2021-2025 ESG PLAN IN DETAILS





58

# 100% OF 2021-2025 BP CAPEX CONSISTENT WITH UN SDGs







# **10 2021 Results**

Michele Pedemonte - CFO



### **HIGHLIGHTS FIGURES**



Heavy rainfalls more than offset lower wind abroad and weaker CCGT Bottom line up YoY thanks mainly to lower financial charges



### **10 2021 GROUP EBITDA EVOLUTION**



weaker CCGT due to end of CAR2



#### INVESTMENTS



<sup>(1)</sup> M&A CAPEX related to the closing of Trinity acquisition (which took place on February 24, 2020 for an amount of €42mn), and of Laszki acquisition (which took place on March 5, 2020) amounting to €2mn



#### ADJUSTED P&L

40 2020	Euro millions	10 2021	10 2020
119	Adjusted EBITDA	161	156
(74)	Amortization and depreciation	(68)	(75)
45	Adjusted EBIT	93	81
(9)	Net financial income (expenses)	(8)	(13)
0	Net income (loss) from equity investments	0	0
36	Adjusted Results before taxes	85	68
(9)	Income taxes	(21)	(15)
27	Adjusted Results for the period	65	53
0	Minority interests	0	0
27	Adjusted Net Profit	65	53
25%	Tax Rate	24%	22%





#### 10 2021 CASH FLOW STATEMENT





# **2021 Guidance & Final Remarks**

Paolo Merli - CEO



#### **2021 GUIDANCE**



#### **Revised upwards to capture a solid Q1 and current water reservoir level**

<sup>(1)</sup> It includes about €50mn of Capex related to the construction Capex for ERIK project in Sweden

#### E-MARKET SDIR CERTIFIED

### 2021-2025 BP KEY TARGETS





## ACTION PLAN BASED ON 3 STRATEGIC PILLARS

**R<sup>3</sup>** - Strategy







- More: Capacity, Regulated, Geo and Tech-diversification
- In Business Development and Energy Sales
- Asset rotation as a flexible option



