



## **Company presentation**

21 March 2019



### Forward-Looking Statements

This presentation contains certain forward-looking statements that reflect the Company's management's current views with respect of future events and financial and operational performance of the Company and its subsidiaries. These forward-looking statements are based on Falck Renewables S.p.A.'s current expectations and projections about future events and have been prepared in accordance with IFRS currently in force and the related interpretations as set out in the documents issued to date by IFRIC and SIC, with the exclusion of any new standard which is effective for annual reporting periods beginning on or after January 1<sup>st</sup> 2019. Because these forward-looking statements are subject to risks and uncertainties, actual future results or performance may differ materially from those expressed in or implied by these statements due to any number of different factors, many of which are beyond the ability of Falck Renewables S.p.A. to control or estimate precisely, including changes in the regulatory environment, future market developments, fluctuations in the price and availability of fuel and other risks. You are cautioned not to place undue reliance on the forward-looking statements to reflect events or circumstances after the date of this presentation. The information contained in this presentation does not purport to be comprehensive and has not been independently verified by any independent third party.

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### Agenda









### A Pure Play in Renewables – 1,026 MW Today's Portfolio



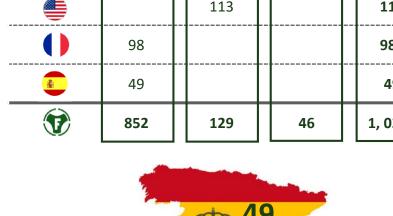
413

MW	+		<b>A</b>	•
	292	16	46	354
	413			413
۲		113		 113
	98			 98*
	49			 49
T	852	129	46	1, 026*









### Asset Management & Technical Advisory



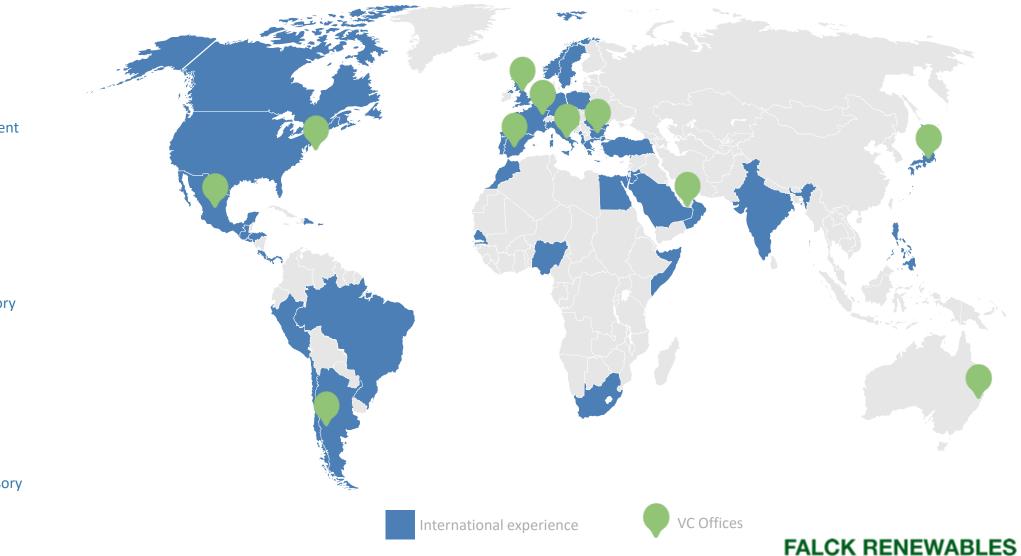
Asset Management



53 GW Technical Advisory

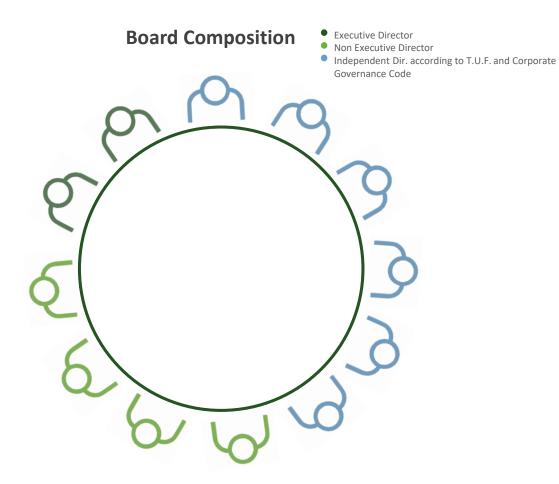


Transaction Advisory



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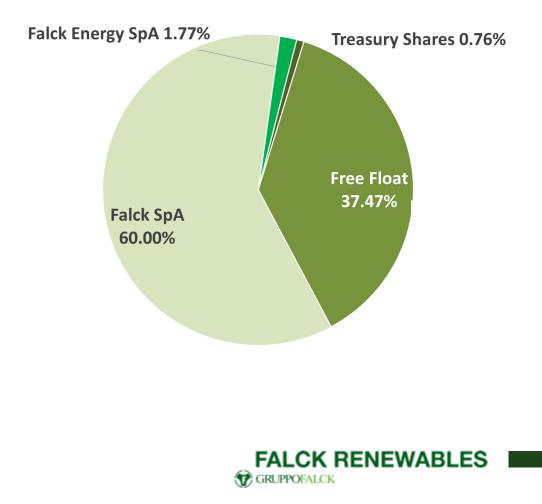
### Governance & Shareholders



The Board of Directors consists of **twelve members**. Six of them are **Independent Directors** (50%); one was appointed **Lead Independent Director**.

The new Board of Directors – as approved at The Shareholders' Meeting on 27 April 2017 – reflects the group's **international presence** and includes members with **relevant experience**.





### Sustainability at the Core

To us, **sustainability** is the ability to **generate value over the long term**, while **maintaining the context conditions** that allow for such a generation

SUSTAINABLE GOALS

3 GOOD HEALTH

4 QUALITY EDUCATION

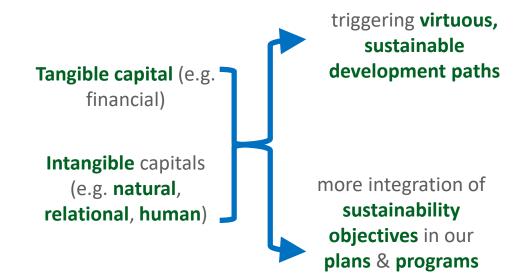


Image: Second work and results and results

It is not only about **what** we do, but **how** we do it, and the **values** that we live by



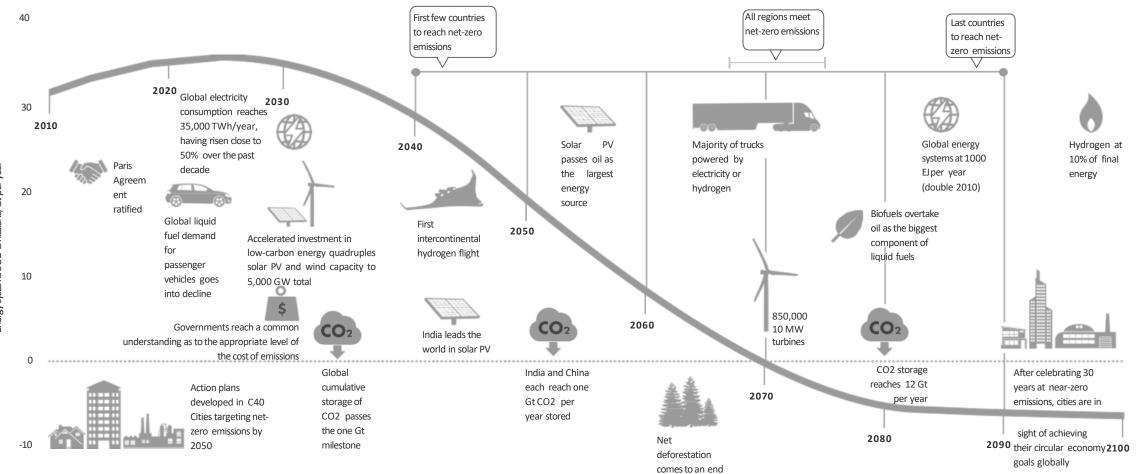
13 ACTION



## 2021 Strategic Update



### De-Carbonization: Renewables and Much More

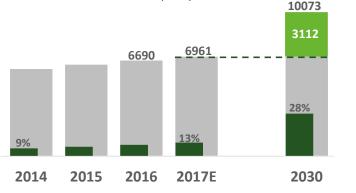




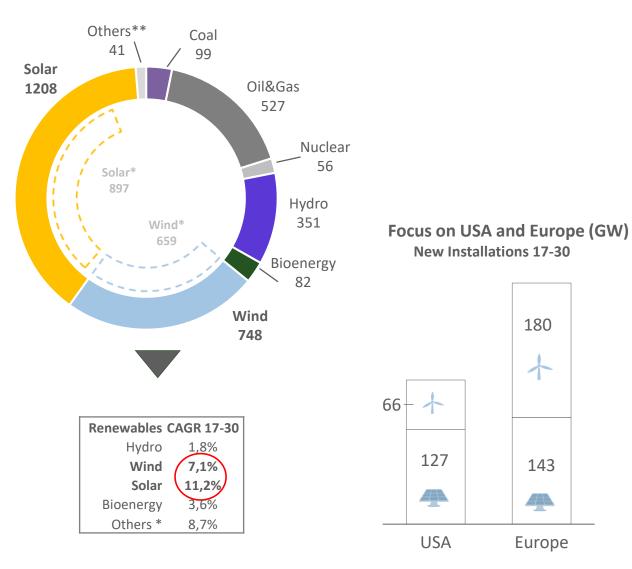
### Renewables Asset Growth: Global Market Update

#### Installed Capacity Evolution (GW)

- World Power generation capacity
- World Wind and Solar capacity

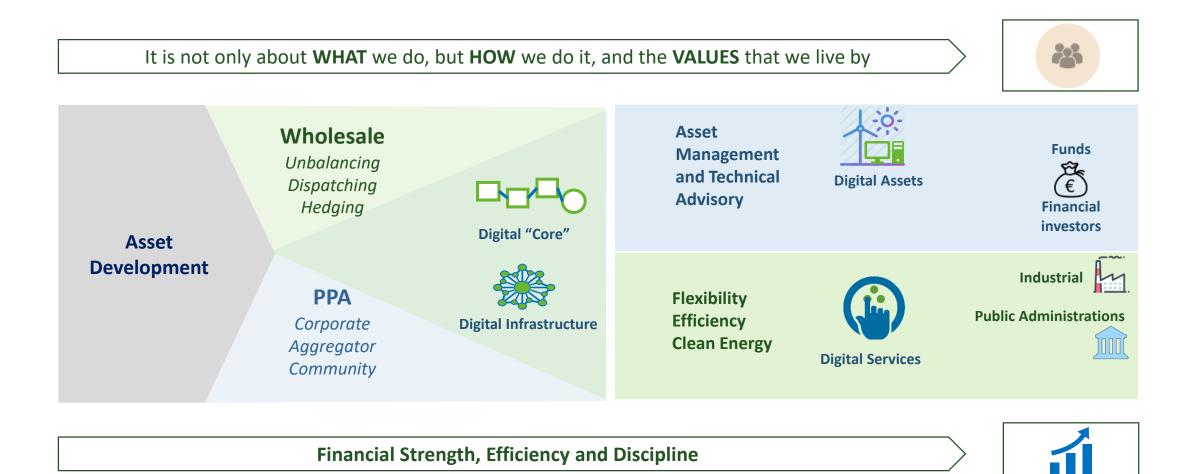


- Renewables capacity additions are expected to grow by ~2400
   GW, reaching ~4700 GW globally in 2030 from ~2300 in 2017; in particular, Wind & Solar move from ~915 GW of 2017 to ~2800
   GW of 2030.
- Solar PV is set to account for the largest share of Renewables energy capacity additions, reaching ~1600 GW in 2030 (35% more than last year World Energy Outlook estimates)

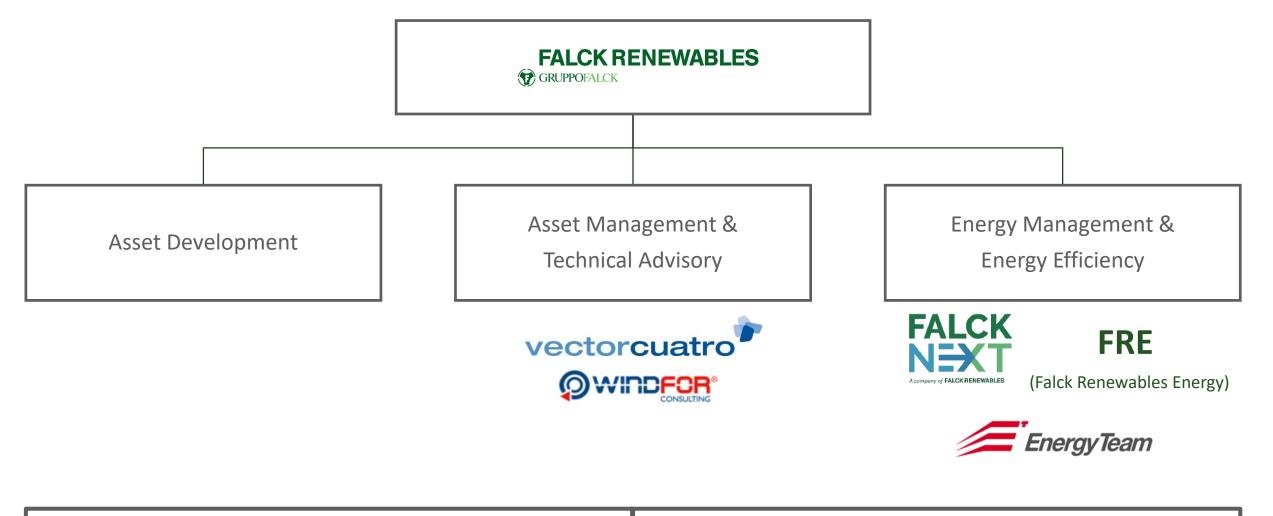




### Evolving the Falck Renewables Business Model



### Falck Business Lines: Customer Driven Approach



**DRIVEN BY EXTERNAL CUSTOMERS CHOICES** 

MARKET DRIVEN DISCIPLINE AND EFFICIENCY

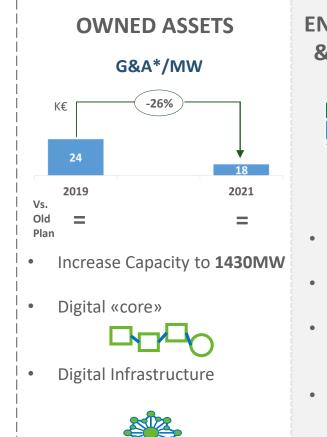


### Capital Allocation 2018 – 2021

BALANCING RISKS AND REWARDS	New Plan* (€M) (%)	Old Plan* (€M) (%)	Returns (New Plan)
Owned Assets	489 77%	506 87%	MW added 18-21: <b>+ 480 MW</b> Incremental EBITDA 18-21: <b>€64M</b> IRR → Wacc + 150 – 200 bps
<b>Services</b> (Energy Management, Energy Efficiency, Asset Management & Technical Advisory)	<b>81</b> 13%	40 7%	Incremental EBITDA 18-21: <b>€17M</b> IRR ~10%
Asset Development	56 8.5%	31 4.5%	IRR > 15%
Digitalization	9 1.5%	2 0.5%	IRR ~ 10%



### 2021 Macro Targets by Business



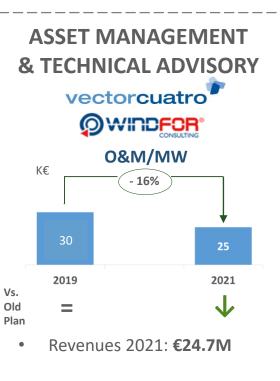
#### ENERGY MANAGEMENT & ENERGY EFFICIENCY



#### Italy + EU Country

- Revenues 2021: **€43M**
- EBITDA 2021: **€9M**
- Leverage on customer base of ~5000 clients
- Digital Services platform





• EBITDA: **€3.6M** 

•

Digital Assets Platform

### **COVER TARGET MW ADDITIONS BY 2021** + **EXCESS PIPELINE** 200 MW developed in • excess of target by 2021 (and COD within 2021) ~700 MW Net pipeline with COD from 2022 onwards

ASSET DEVELOPMENT



### **Options Provided by Excess Pipeline**



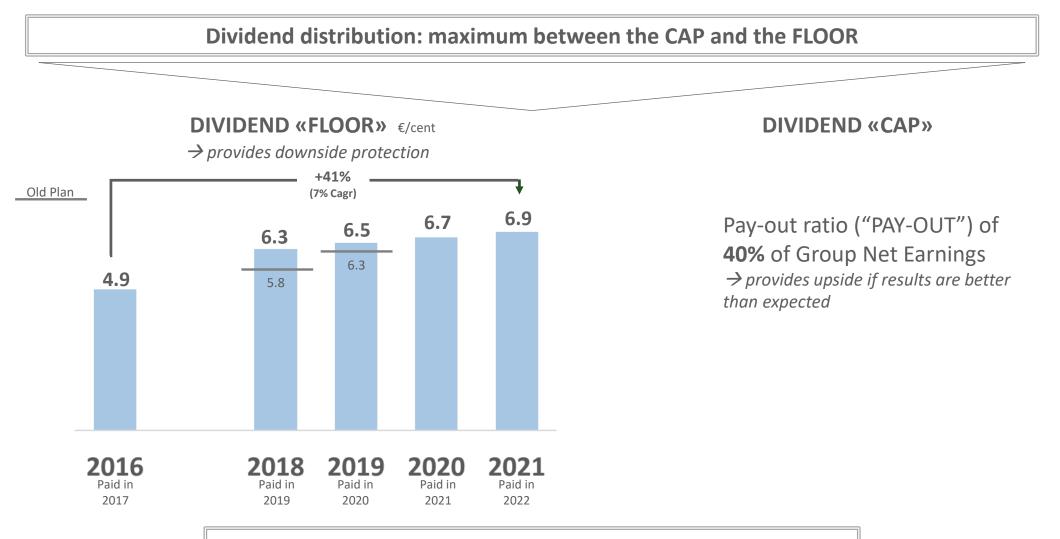
«DPS» mode

- Sale at «Ready to Build» status
- Asset Management by vectorcuatro (in construction + operations)
- Equity Upside (*Minorities / Carried Interest*)
- Maximization of Earnings impact in the short term for new Investments
- Faster Capital Recycling
- **Customer based** business: discipline, speed and efficiency

**Increase Assets on Balance Sheet** 

- Greater Asset Control and Flexibility
- Capital Recycling upsides (minority stake)
- Balance Sheet has optionality for **further** and faster growth
- Long Term impact on EBITDA
- Solidity, Resilience and Strength
- Additional Returns added to Asset Development returns (balanced by additional financing)

### Enhanced 2018-2021 Dividend Policy



SUSTAINABLE POLICY WITH CLEAR 2021 VISIBILITY

FALCK RENEWABLES

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### Key Strategic Pillars 2019 -2021

Asset Development Growth to amplify options

Improving Asset Management and Technical Advisory capabilities to enhance efficiency and competencies

Energy Management and Energy Efficiency: new growth pillars and greater regional focus

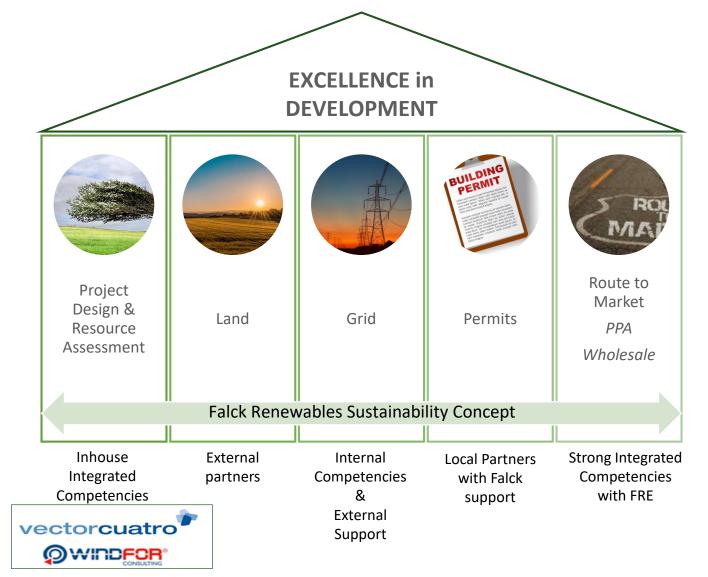
Financial Strength to deliver robust results and contemplate upsides



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### Asset Development Activities and Strategy

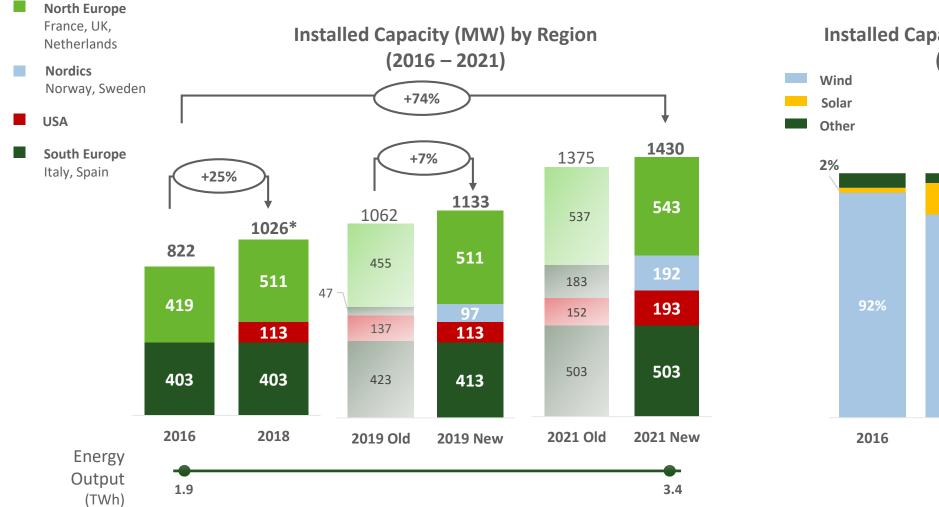






### Further Growth in Installed Capacity





Installed Capacity (MW) by Technology (2016 - 2021) 13% 18% 21% 79% 76% 2018 2021 Old 2021 New



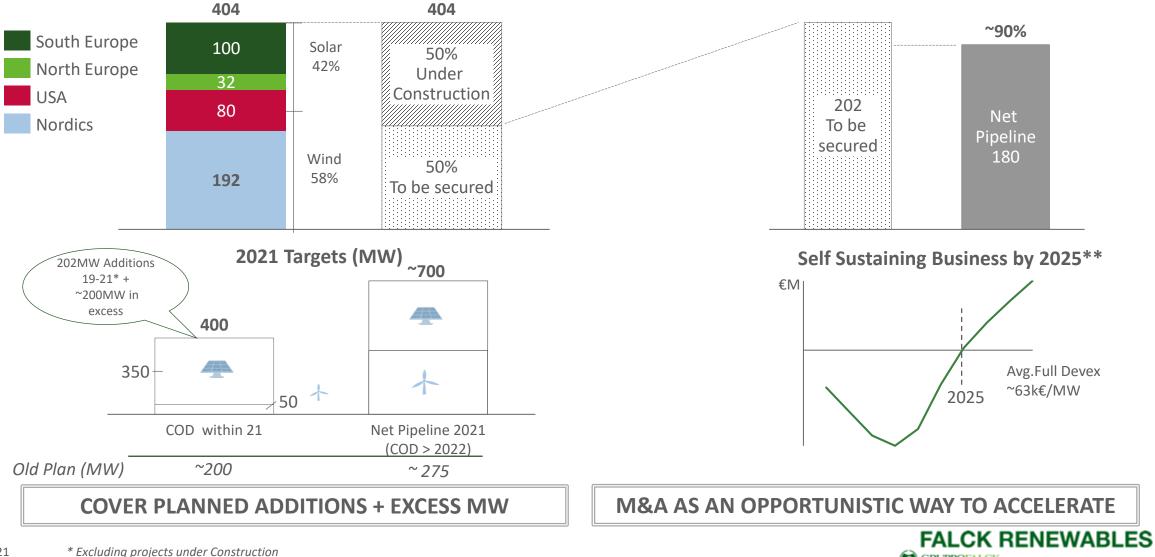
### Asset Development Targets





Net Pipeline end of 2018 – Coverage (MW)

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\*\* Excluding internal development fees

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### Asset Management & Advisory Activities

#### **ASSET MANAGEMENT**

- Technical asset management
- Monitoring and performance analysis
- Yield optimisation
- Technical asset management
- Commercial Asset Management
- Revenue control

#### **TECHNICAL ADVISORY**

- Site and production (or energy) assessments
- Engineering and design
- Technical due diligence for sponsors, investors and lenders
- Owner's engineering, project management and construction monitoring
- Tenders for EPC and O&M contractors



#### TRANSACTION ADVISORY

- M&A and debt transactions
- Financial modelling
- Debt raising
- Design of financing and refinancing structures
- PPA structuring



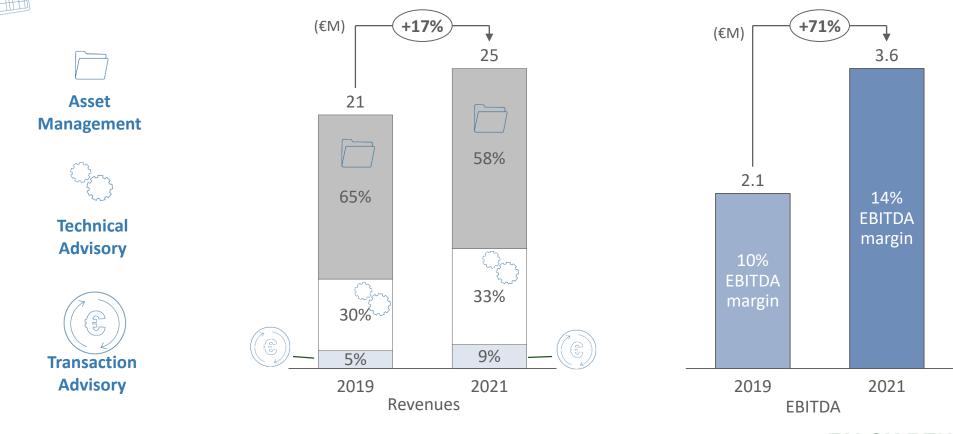
### Asset Management & Technical Advisory Targets

**Highlights** 

**Consolidated Worldwide** presence → Revenues 2021 + 17%

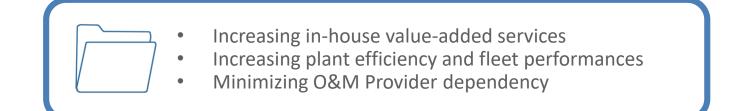
↑ Cost Efficiency

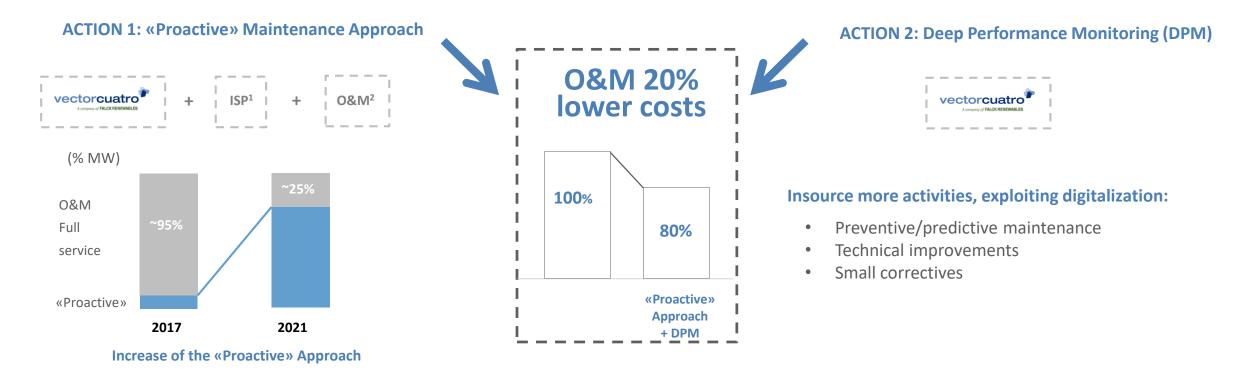
Positive Impact of the Digital Assets Platform **NUO** 



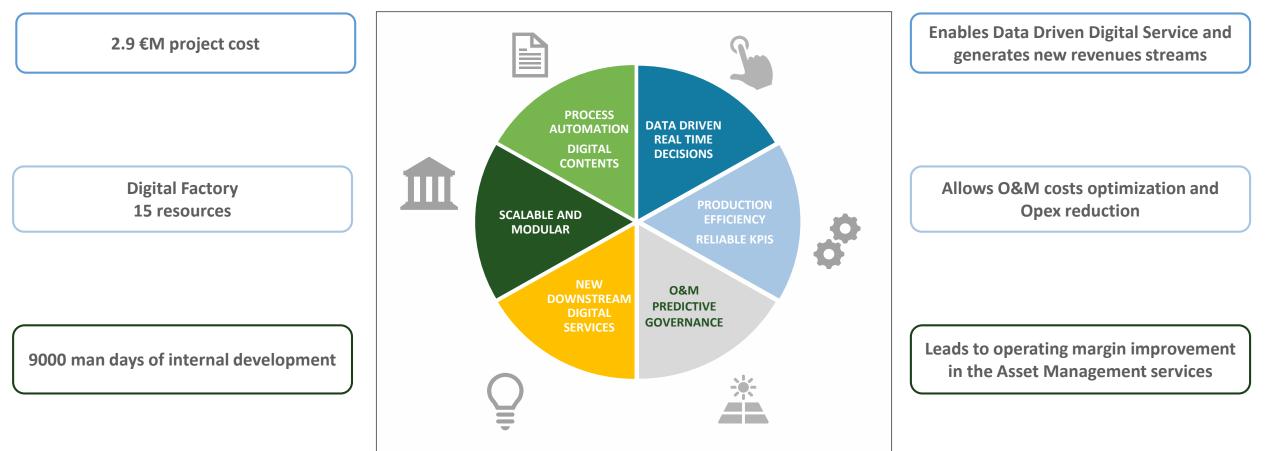
FALCK RENEWABLES

### Operational Excellence – Owned Wind Portfolio





# Digital Assets Management Platform



ASSET MANAGEMENT DEEP EXPERTISE LEADS TO..

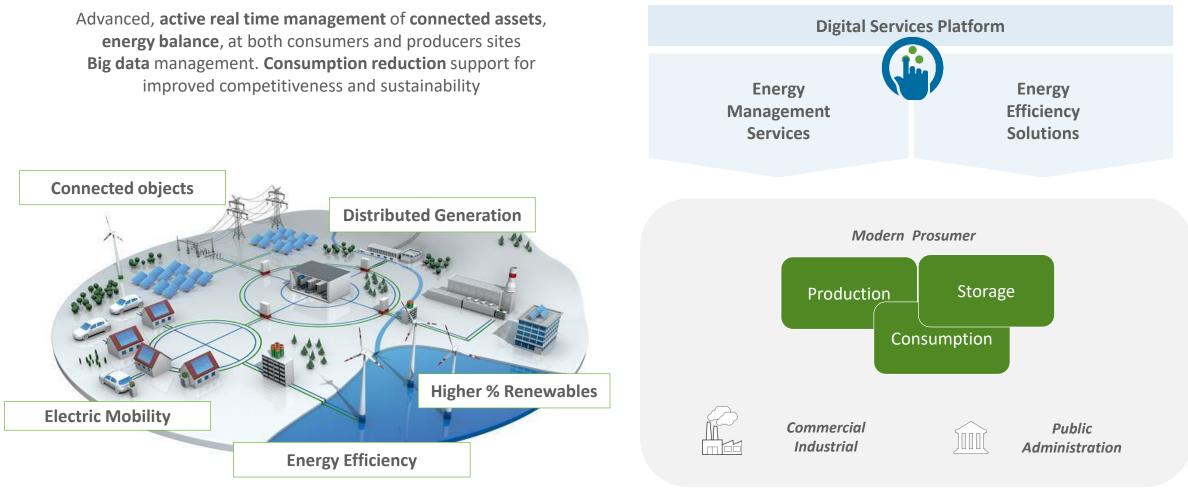
...VALUE DIGITAL SERVICE AS A PRODUCT

FALCK RENEWABLES

GO LIVE April 2019

### A Decarbonized Electricity Infrastructure Requires Advanced Energy Management and Efficiency

#### Future energy infrastructure



Falck Renewables proposition

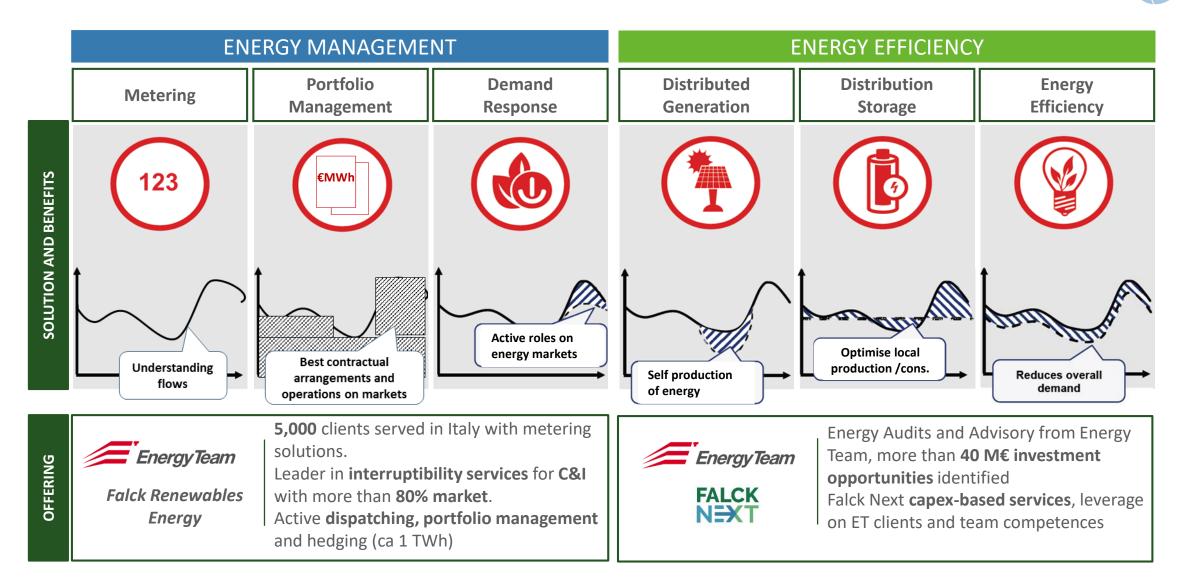
### Italy, Our Core Market, with Expansion Plan in The UK / Spain

		ITALY		UK		SPAIN
ENERGY MANAGEMENT (DEMAND RESPONSE ONLY)	<b>197 M€</b> <b>6%</b> YoY 19-23	<ul> <li>Interruptibility, UVAM</li> <li>New pilots on voltage and frequency</li> </ul>	<b>430 M€</b> <b>6%</b> YoY 19-23	<ul> <li>Advanced market through regulatory changes and redesign</li> </ul>	Starting	<ul> <li>Market opening up with recent Royal Decree.</li> <li>Potential future participation of demand to services</li> </ul>
ENERGY EFFICIENCY PRIVATE + PUBLIC	<ul><li><b>2.8 B€</b></li><li><b>7%</b> YoY 19-23</li></ul>	<ul> <li>Established market for ESCo, consolidating</li> <li>Public Sector significant opportunities in PPP</li> </ul>	<ul><li><b>3.8 B€</b></li><li><b>4%</b> YoY 19-23</li></ul>	<ul> <li>Large market with various players</li> <li>Public sector opportunities through dedicated schemes</li> </ul>	<ul><li><b>1.3 B€</b></li><li><b>5%</b> YoY 19-23</li></ul>	<ul> <li>Potential for energy efficiency from old infrastructures and new gasification of regional areas</li> </ul>
	Core F	ocus Market	Potential E	xpansion Market	Growth	Opportunity



27 Source: Accenture; Energy Strategy Group; Bain; FIEE; Falck Estimates; DR Demand Response; DSM Demand Side Management; ESCo Energy Service Company

### Our Offering Helps Clients and System Sustainability





### Energy Management & Energy Efficiency Targets to 2021



- Dispatching of own plants and third parties
- Portfolio management (hedging, risk)
- MW of Demand Response under management
- Storage and plants ancillary services

1.5 TWh 0.8 TWh Approx. 30 MW Pilots and through M&A





- New cogeneration projects
- Public Administration (lighting) projects
- Energy Service Company offering

2 MW 5 municipalities Also through M&A COCL X Sign



**PSCO** 

eon



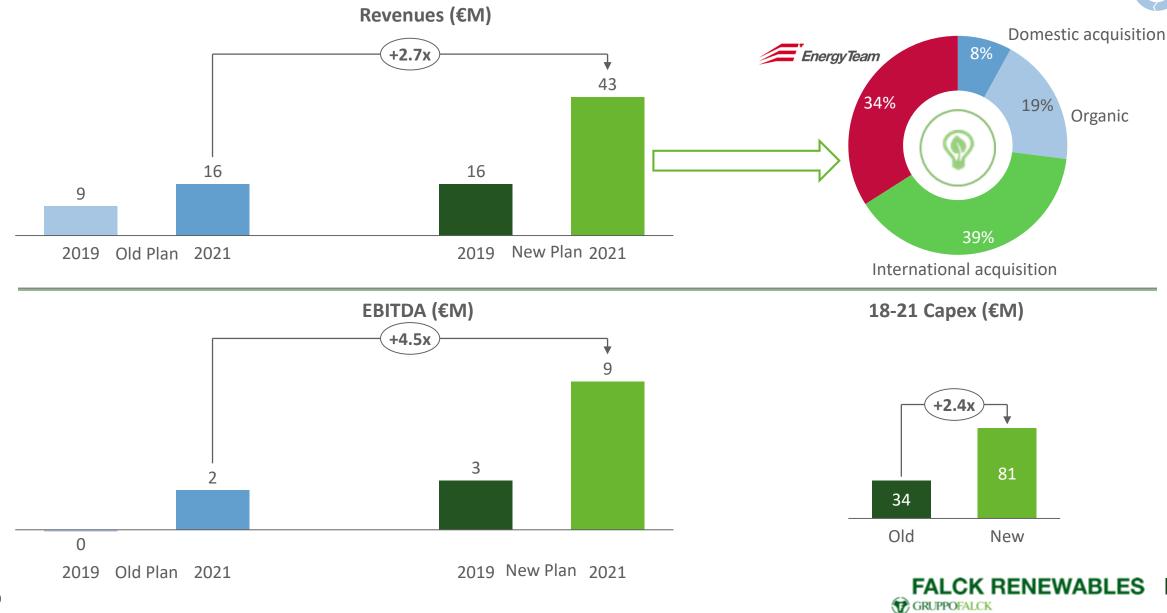
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Targets

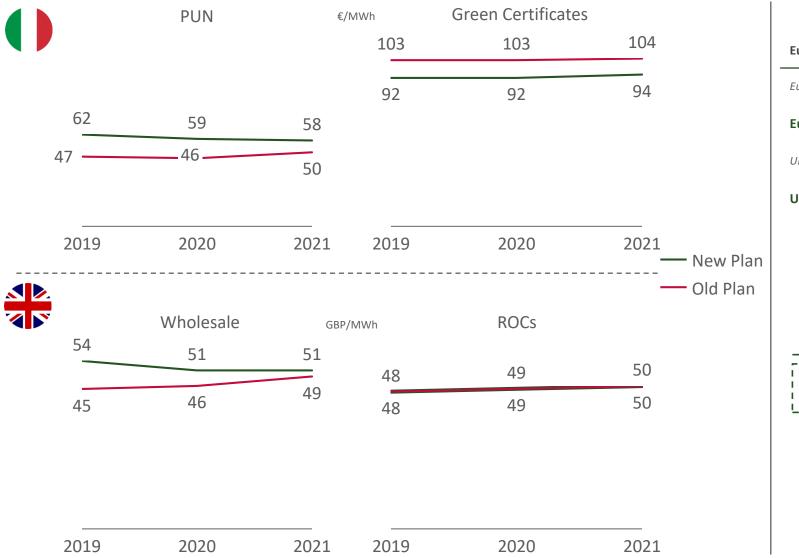
2021

**Key Competitors** 

### Energy Management & Energy Efficiency: Key Financials



### Scenario Assumptions



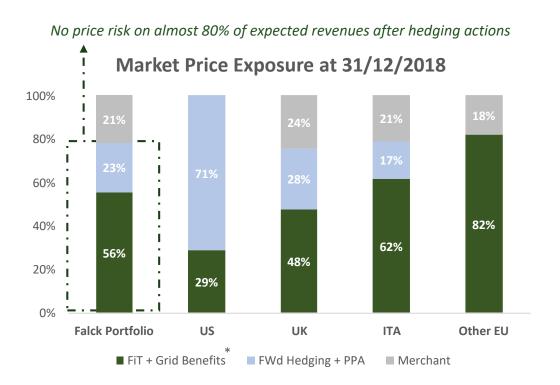
2019	2020	2021
0.25%	0.50%	1.00%
0.00%	0.25%	0.50%
1.20%	1.30%	1.40%
1.20%	1.30%	1.40%
	0.25% 0.00% 1.20%	0.25%     0.50%       0.00%     0.25%       1.20%     1.30%

FX 2019 – 2	2021
EUR/GBP: ( EUR/USD: 2	



### Price Risk Management Assumptions - Update





US: SREC + Capacity Payments ; UK: ROCs + % of Grid Benefits; ITA: Tariffa Grin + Conto Energia; Other EU: French FiT

#### Power Price Risk

- Natural hedging provided by environmental subsidies (ROCS, Tariffs, Certificates) and Grid Benefits (for DC projects) has been complemented by sales on forward market in ITA and UK
- > Only 20% of 2019 revenues is exposed to price risk, after actions

#### **2019 Price Risk Sensitivity considering Hedged Positions**

- UK: ± 1 £/MWh -> ± 0,5 M£
- ITA: ± 1 €/MWh -> ± 0,4 M€
- US: ± 1 \$/MWh -> ± 0 M\$
- Other EU: ±1 €/MWh -> ± 0.1 M€

#### Wind - Captured Prices

	2019	2020	2021	
Italy (Energy Price + Green Certificates) (€/MWh)	149	148	148	
UK (Energy Price + ROCs) (GBP/MWh)	99	95	95	



### 2019 Guidance (€M)

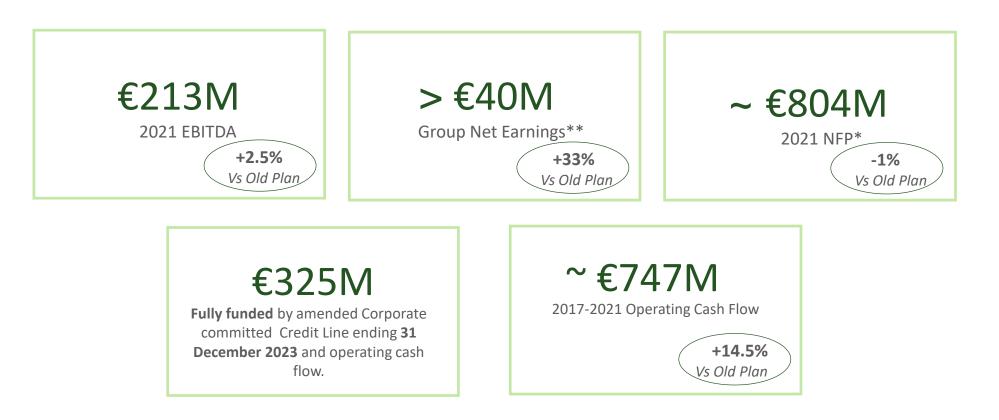
EBITDA reported 2018		191.5	
Non recurring transactions		(7.1)	
EBIT	<b>DA <i>adjusted</i> 2018</b> (estimate)	184.4	
•	Perimeter	9	
•	Green Certificates	-6	
٠	Prices	6	
•	Орех	-2	
•	Services	2-3	
•	Devex	-4	
٠	Exchange rate	-3	
٠	Others (Insurance claims, Lds)	-3	
EBITDA 2019E		184.0	



FALCK RENEWABLES

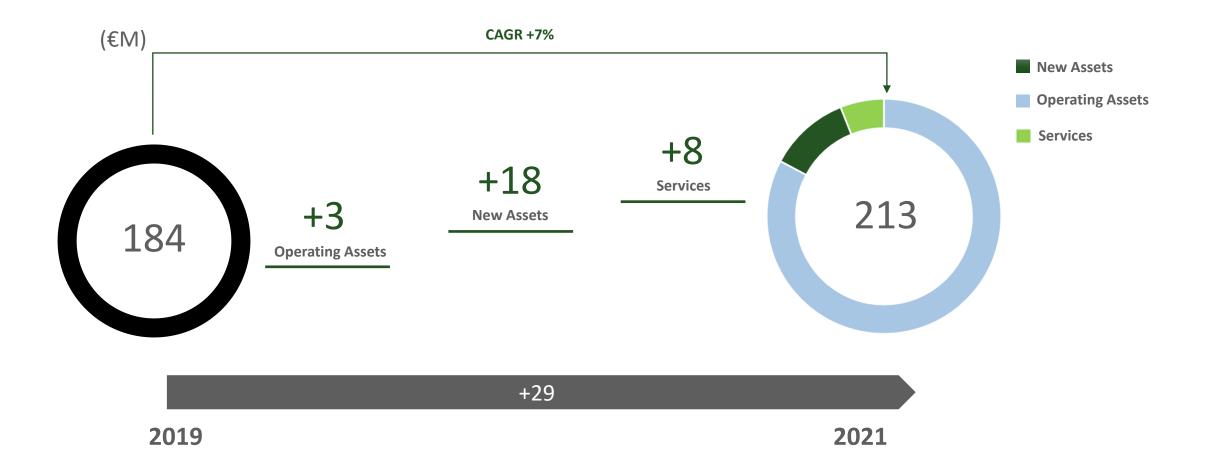
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### 2021 Guidance



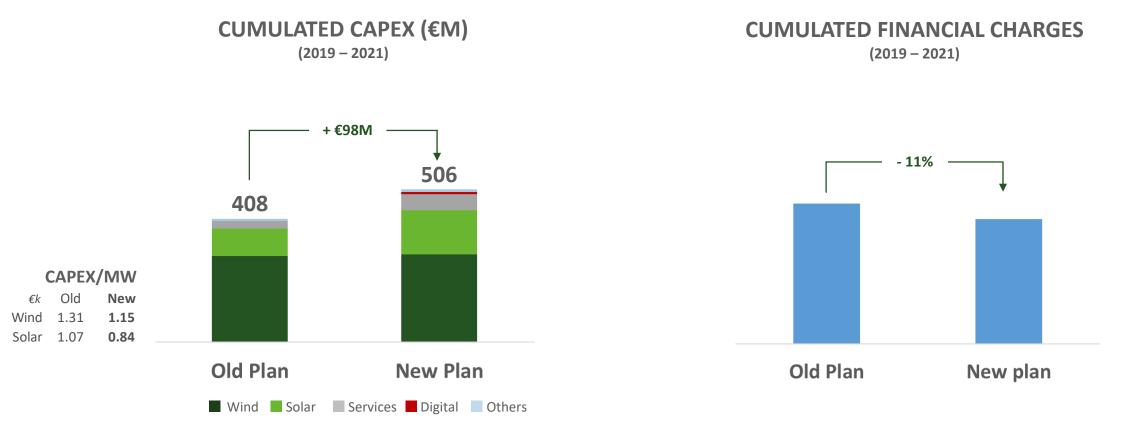


### EBITDA Growth 2019 - 2021





### Improving the Financial Efficiency



Leveraging on better conditions of the amended Corporate committed Credit Line

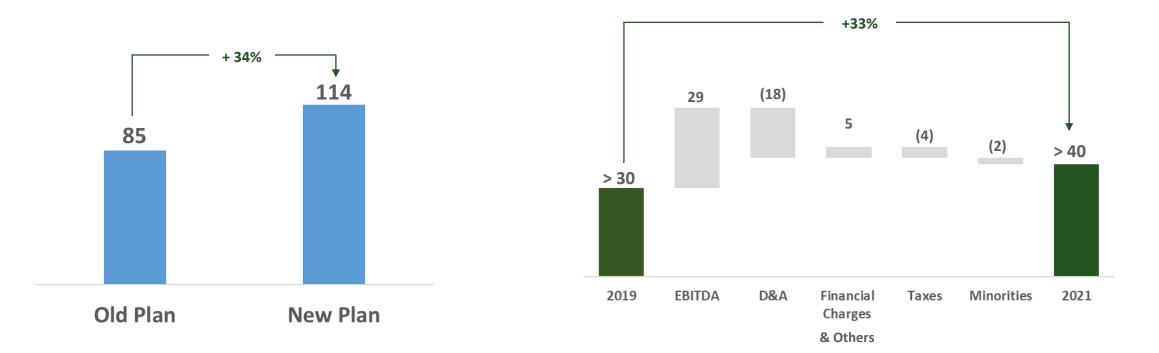


Group Net Earnings 2019 - 2021

# 1

#### CUMULATED GROUP NET EARNINGS\* (€M) (2019 – 2021)

GROUP NET EARNINGS EVOLUTION\* (€M)

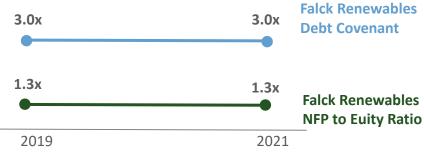




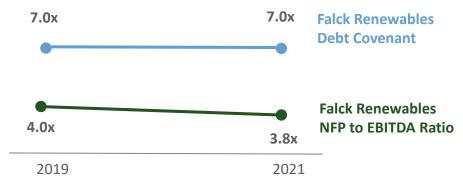
#### Main Financial Indicators







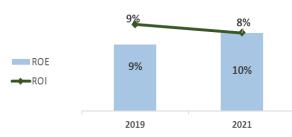




NFP significantly within covenants

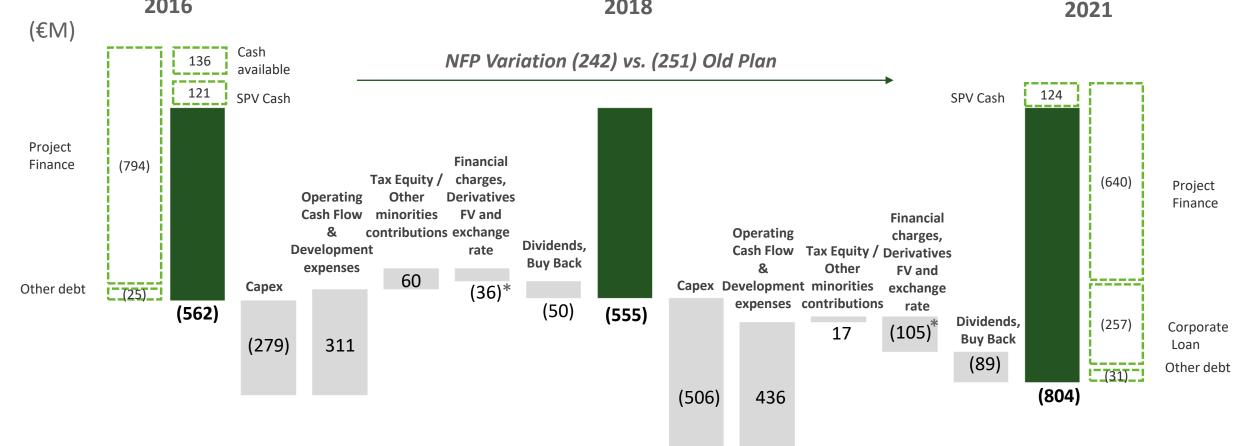






#### **NFP** Evolution

2016



2018

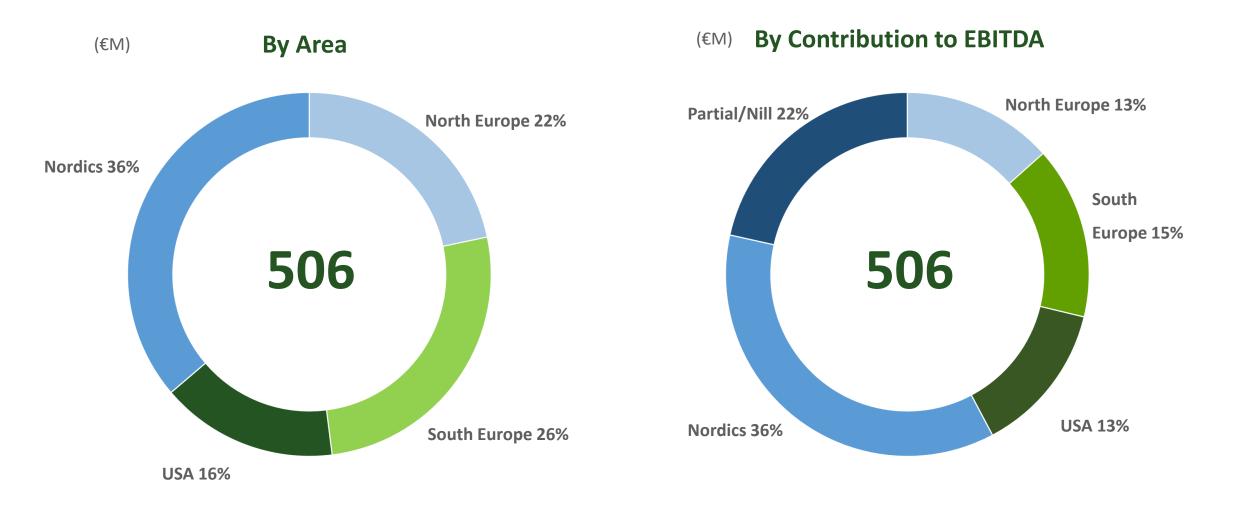
**Operating Cash Flow** net of Development expenses



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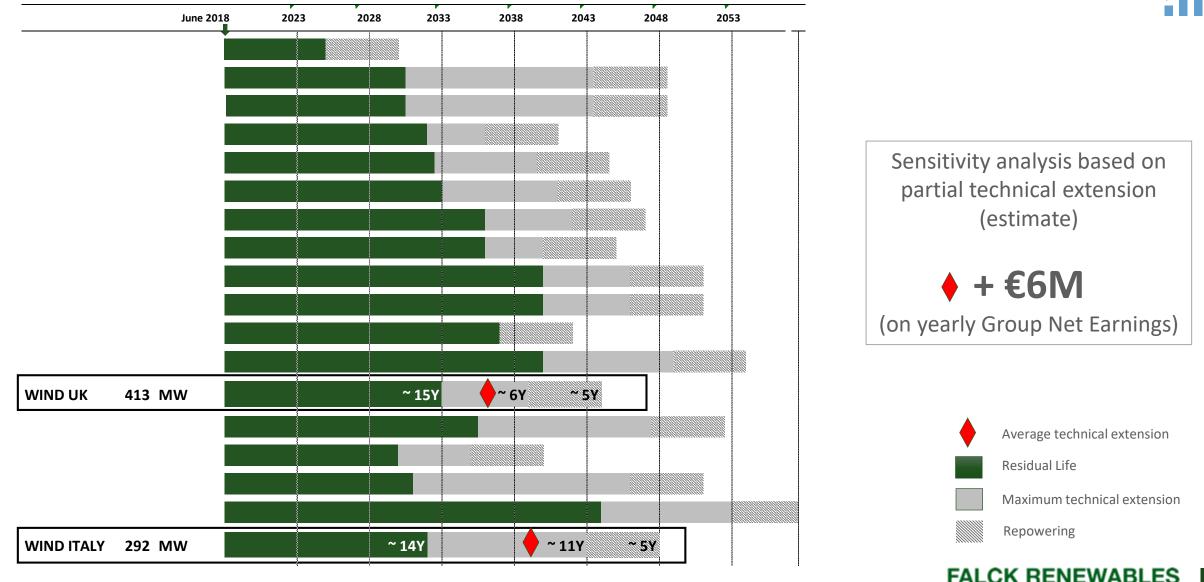
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### Cumulative Capex 2019 - 2021





## Potential Technical Life Extension of Wind Assets: Italy and UK



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## FY 2018 - A Year of Results without Equal



**Operating Assets:** 

- Better production compared to 2017 (+7.0%) mainly thanks to increase of perimeter (+112.5MW) and wind in Italy (+25 GWh)
- Better comprehensive captured prices in the UK (+15%), and worse in Italy (-5%) vs 2017
- Reduced **price volatility** in Italy through risk management and hedging policy
- **Completed disposal** of non core assets (Esposito)

**Under Construction** (% of completion in value)

- Aliden 46.8 MW (Sweden): 24%
- Brattmyrliden 74.1 MW (Sweden): 9%
- Hennoy 50 MW (Norway): 36%
- Okla 21 MW (Norway): 6%
- Carrecastro 10 MW (Spain): 20%

**Business Development:** Net Pipeline of **180 MW** end of 2018 vs. **50MW** in 2017 to **cover** 2021 target of projects to be secured (202 MW)



**Energy Management & Energy Efficiency** 

- Energy Management through Falck Renewables Energy ("FRE"): 360 GWh dispatched in-house in Italy (~ 44% of energy produced)
- Consolidation of Energy Team financial results in Q4
- Fine tuned **international strategy** and active scouting of **potential opportunities**

#### Asset Management & Technical Advisory

- **Revenues**: €15.1M
- **Reorganization** complete with potential effects in 2019
- 2019 started with encouraging prospects: revenues backlog at €6.8M (+ intercompany)
- **NUO** digital asset management on track (April 2019)





- Group Net Earnings more than double vs2017 at €44.2M
- NFP at €547M significantly better than €585M end of 2017.
- Negligible impact from GBP exchange ratio (-0,9% vs average 2017)
- Proposed dividend per share 6.3 €c vs. 5.3
   €c in 2017 (+19%)

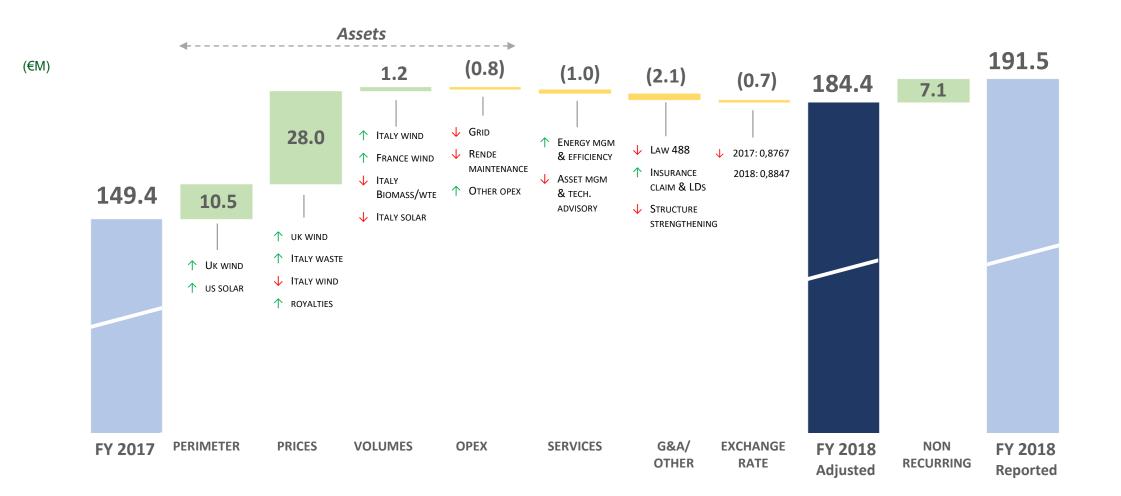
NFP/EBITDA at 2.9x reinforcing confidence in achieving business plan targets



#### FY 2018: Best Results ever

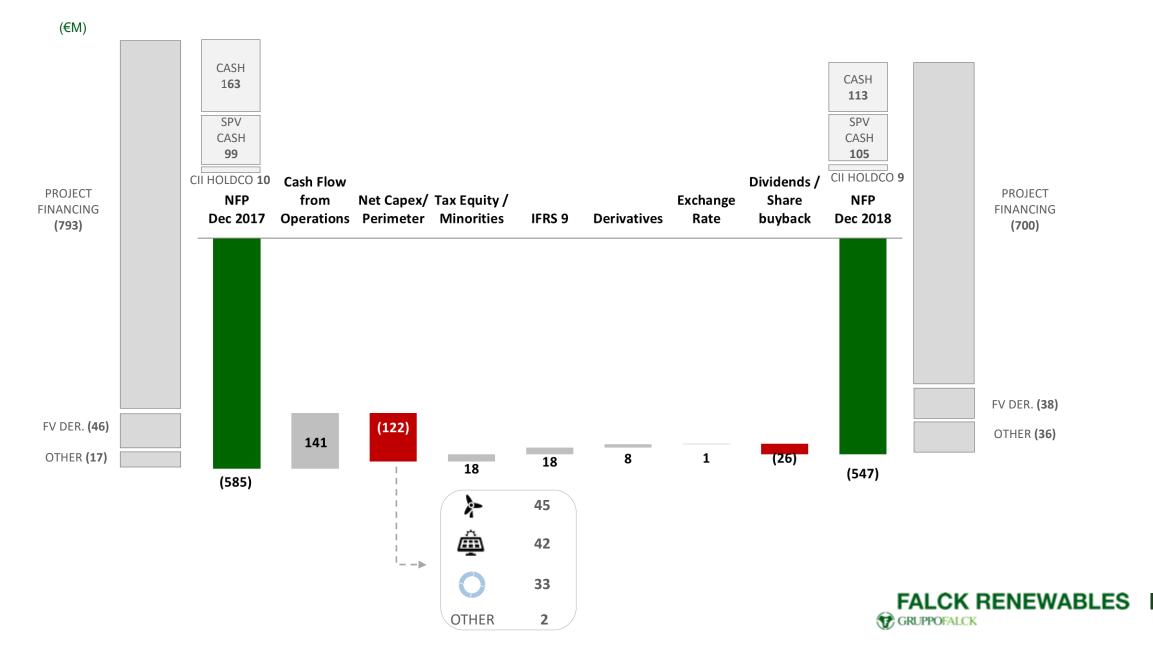
€M	FY 2018	FY 2017	YoY Change	
EBITDA	191.5	149.4	28.2%	
EBIT	115.5	75.4	53.2%	
EARNINGS BEFORE TAXES	77.3	42.4	34.9	
NET EARNINGS	60.4	31.5	28.9	
GROUP NET EARNINGS	44.2	19.8	24.4	
NFP	(547.2)	(584.5)	6.4%	
NFP/EBITDA	2.9x	3.9x	27.0%	
Proposed DPS	6.3 €c	5.3 €c	8.2%	
INSTALLED CAPACITY	970 MW	950 MW	21 MW	
ENERGY PRODUCTION	2,187 GWh	2,043 GWh	145 GWh	

### FY 2018 EBITDA Bridge

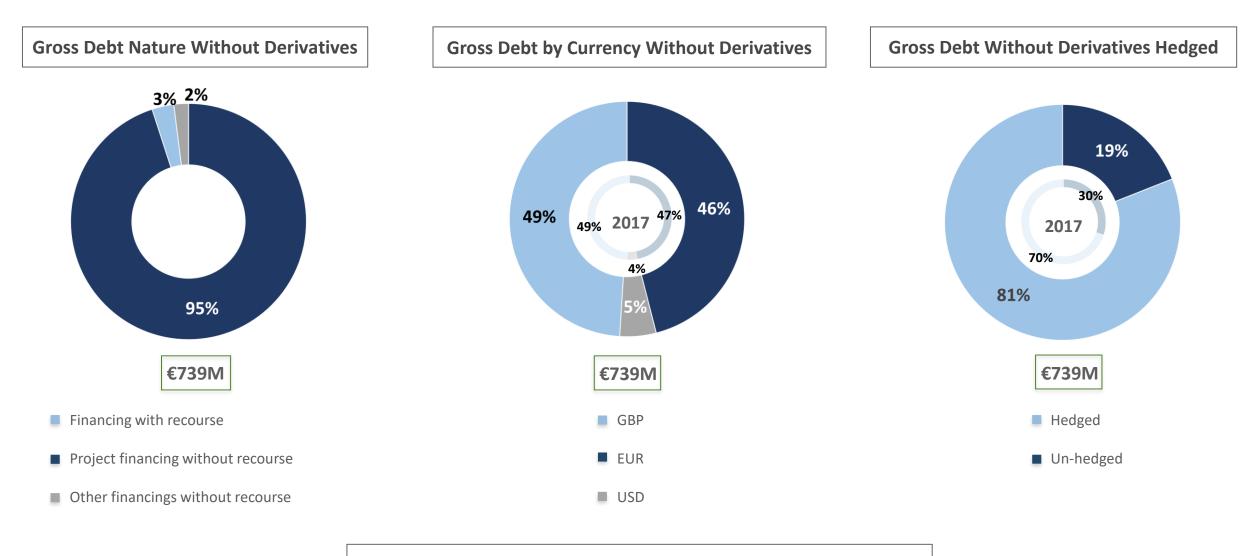




#### FY 2018 Cash Flow



### FY 2018 Debt Breakdown

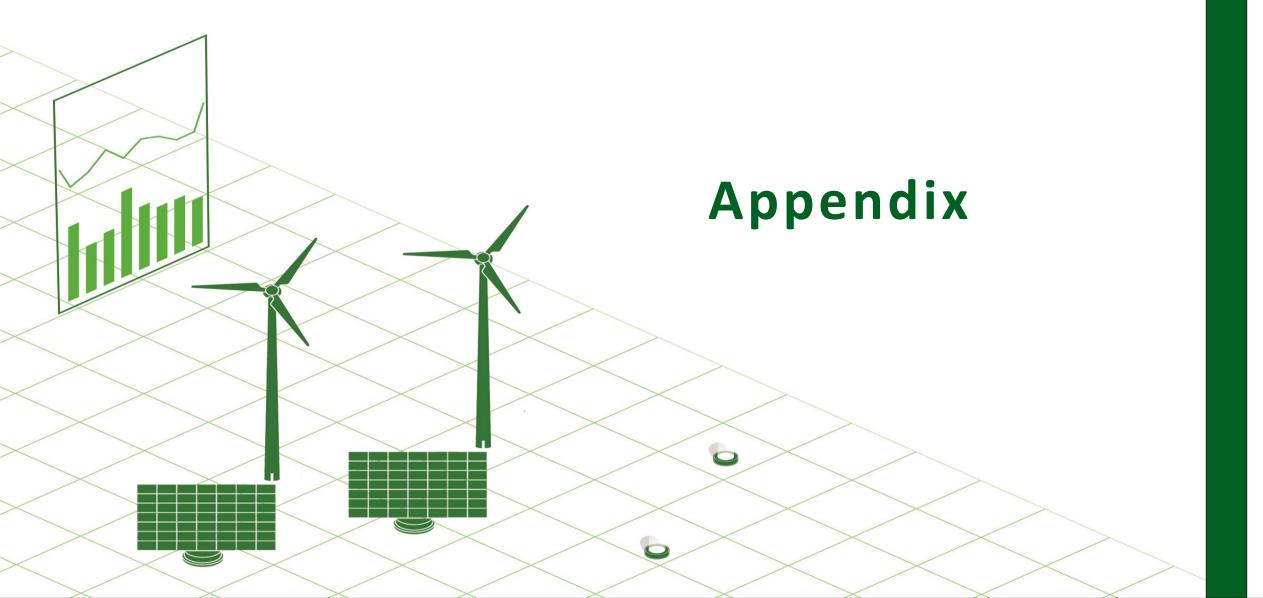


Average interest rate (including interest rate swap) of 3.73%\*

\*excluding IFRS 9 effect

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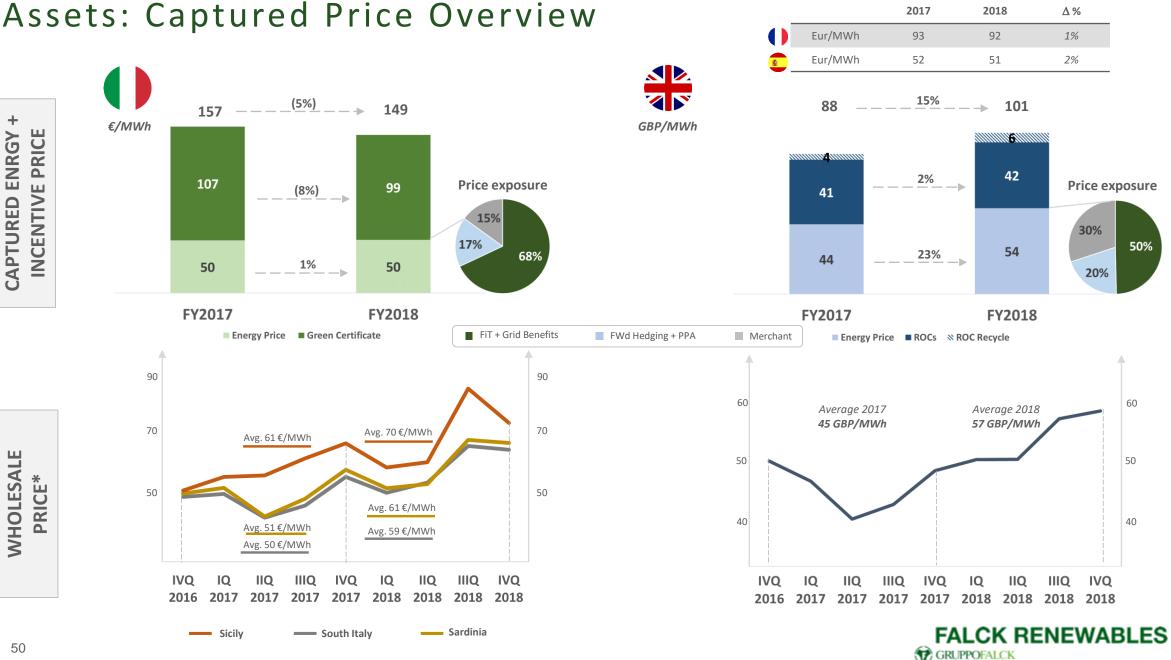
### FY 2018 Financial Highlights

(€M)	FY 2018*	FY 2017	
Revenues and Other Income	349.1	293.1	19.1%
Ebitda	191.5	149.4	28.2%
% on Revenues and Other Income	54.8%	51.0%	
Depreciation - Amortization - Write Off	(76.0)	(74.0)	
Operating result	115.5	75.4	53.2%
% on Revenues and Other Income	33.1%	25.7%	
Financial income and charges	(40.9)	(35.3)	
Equity investments	2.7	2.3	
Earnings Before Taxes	77.3	42.4	82.2%
Taxes	(16.9)	(11.0)	
Net Earnings	60.4	31.5	92.0%
Minorities	16.3	11.7	
Group Net Earnings	44.2	19.8	123.0%
millions of euro	FY 2018	FY 2017	
Net Invested Capital	1.103	1.082	
Equity	556	498	
Net Financial Position	(547)	(585)	
of which: Proj. Fin. and MLT no recourse	(700)	(793)	
NFP excluding Derivatives Instruments	(509)	(537)	

Breakdown (€M)	FY2018	FY2017
Depreciation	(64.8)	(59.4)
Provision	(8.8)	(14.2)
Write – off / Revaluation	(2.4)	(0.5)

Breakdown (€M)	FY2018	FY2017
Financial charges	(35.9)	(35.3)
IFRS 9 adoption	(5.0)	





#### Assets: Captured Price Overview

\* Source: GME, N2EX

### Installed Capacity and Production by Plants in 2018

Plants	MW	Energy produced 2018 (GWh)
Cefn Croes (Wales )	58.5	146
Boyndie (Scotland )	16.7	38
Earlsburn (Scotland)	37.5	107
Ben Aketil (Scotland)	27.6	69
Millennium (Scotland)	65.0	167
Kilbraur (Scotland)	67.5	158
Nutberry (Scotland)	15.0	50
West Browncastle (Scotland)	30.0	75
Spaldington (England)	11.8	26
Kingsburn (Scotland)	22.5	79
Assel Valley (Scotland)	25.0	74
Auchrobert (Scotland)	36.0	99
San Sostene (Italy)	79.5	158
Minervino Murge (Italy)	52.0	89
Buddusò – Alà dei Sardi (Italy)*	138.0	309
Petralia Sottana (Italy)	22.1	42
Гу Ru (France)	10.0	20
Fouy (France)	10.0	17
Cretes (France)	10.0	18
Esquennois (France)	12.0	21
Cabezo San Roque (Spain)	23.3	50
Rende (Italy)	1.0	1
Sicily (Italy)	13.1	18
Mesagne (Italy)	2.0	3
North Carolina (USA)	92.0	134
Syncarpha - Massachussets (USA)	14.5	11
Middleton – Massachussets (USA)	6.0	4
WTE Trezzo (Italy)	20.0	101
BIO Rende (Italy)	15.0	103
La Muela (Wind - Spain)	26.0	
Frullo Energia Ambiente (WtE - Italy)	11.0	
TOTAL	970.2	2,187

The installed capacity is 159 MW, production limit at 138 MW



WIND

SOLAR

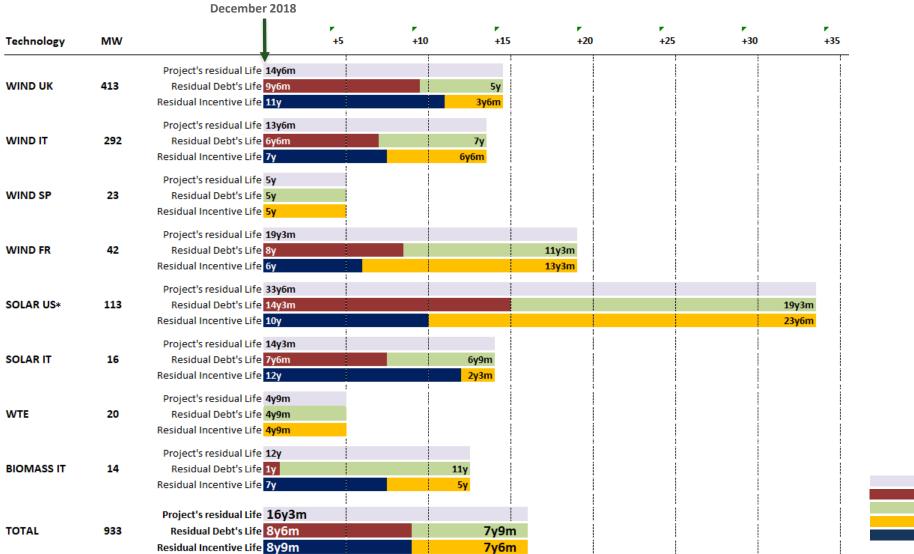


WTE/BIO



51 MINORITIES

#### Young Asset Base



Project cash flow after debt repayment Wholesale price Residual incentive life

**Residual Project Life** 

**Residual Debt Life** 

FALCK RENEWABLES

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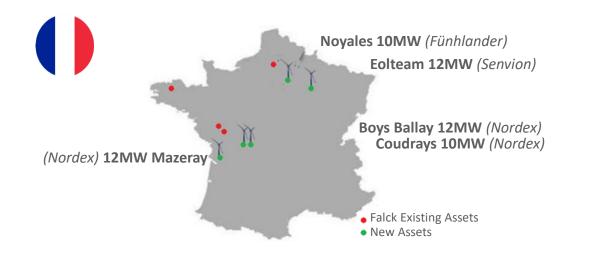
#### Assets: Construction

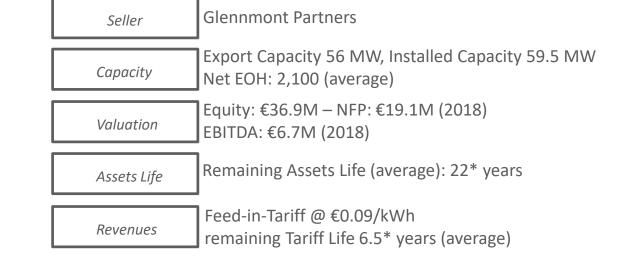
	Project	MW	Turbines	% of Completion (in value)	Contracts Signed	Expected COD
•	Aliden	46.8	Nordex N131/3900 12 turbines of 3.9MW	24%	TSA, BOP, E-BOP and Grid	Q4 2019
•	Brattmyrliden	74.1	Nordex N131/3900 19 turbines of 3.9MW	9%	TSA, BOP, E-BOP and Grid	Q4 2020
	Hennoy	50.0	Vestas V136 12 turbines of 4.2MW	36%	TSA, BOP, E-BOP and Grid	Q4 2019
	Okla	21.0	T.b.d.	6%	Grid	Q4 2020
*	Carrecastro	10.0	Siemens Gamesa SG 2.6-114 4 turbines 2.6MW	20%	TSA, BOP, E-BOP and Grid	Q4 2019



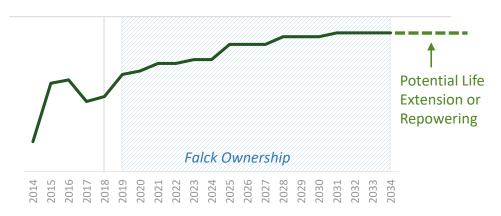
#### Hot Deal: "Julia"

#### **CLOSING ANNOUNCED ON MARCH 15, 2019**





#### Noyales, availability improvements



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PRESENCE, OPTIMIZATION, LONG TERM VALUE EXTRACTION

#### INDUSTRIAL RATIONALE

Installed Capacity 98 MW – Energy Output ~ 200GWh

Scale on Ownership and Asset Management

#### **POTENTIAL UPSIDES**

- → Renegotiation of **O&M agreement** (~60% MW Nordex)
- ightarrow Increase of Power Curve and Availability
- $\rightarrow$  Life Extension
- → Energy Management & Hedging at FiT expiration