

## **STAR Conference London**







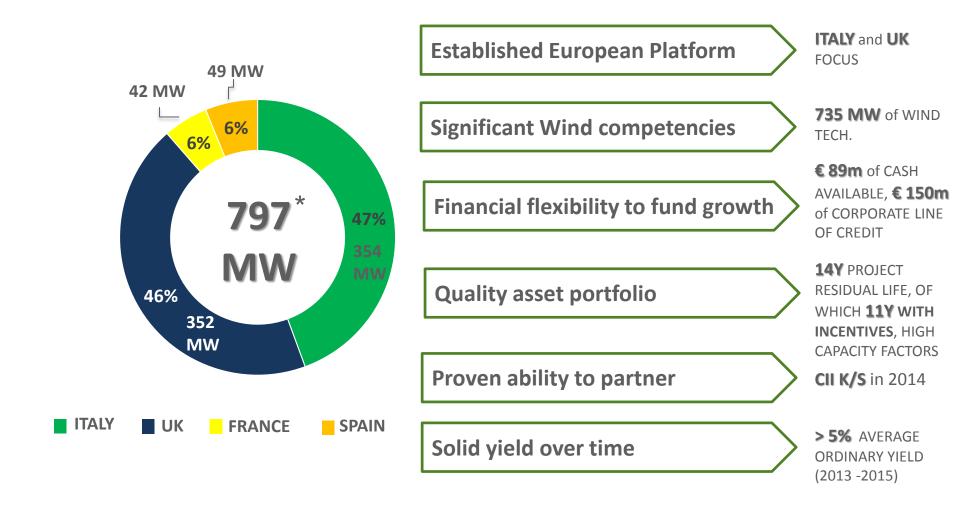






- Group overview
- Financial Highlights 1H 2016
- Outlook and conclusions
- Annex

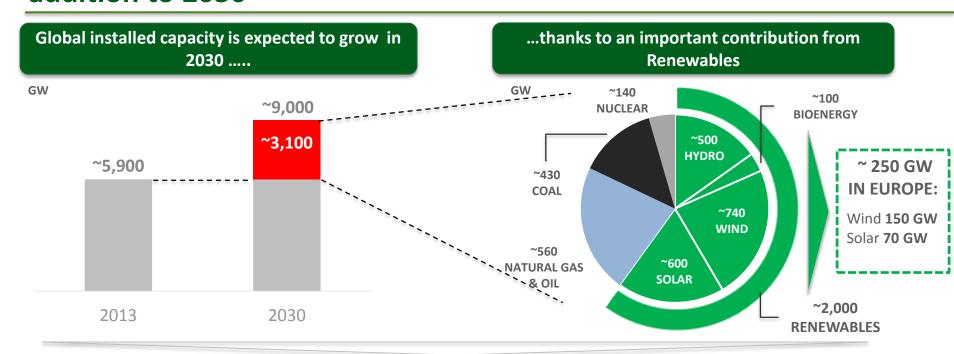
## Falck Renewables: an attractive value proposition with .....



<sup>\*</sup> Including minority stake in La Muela wind farm and Frullo Energia Ambiente for a total amount of 36MW



# Renewables will continue to take the lionshare of capacity addition to 2030



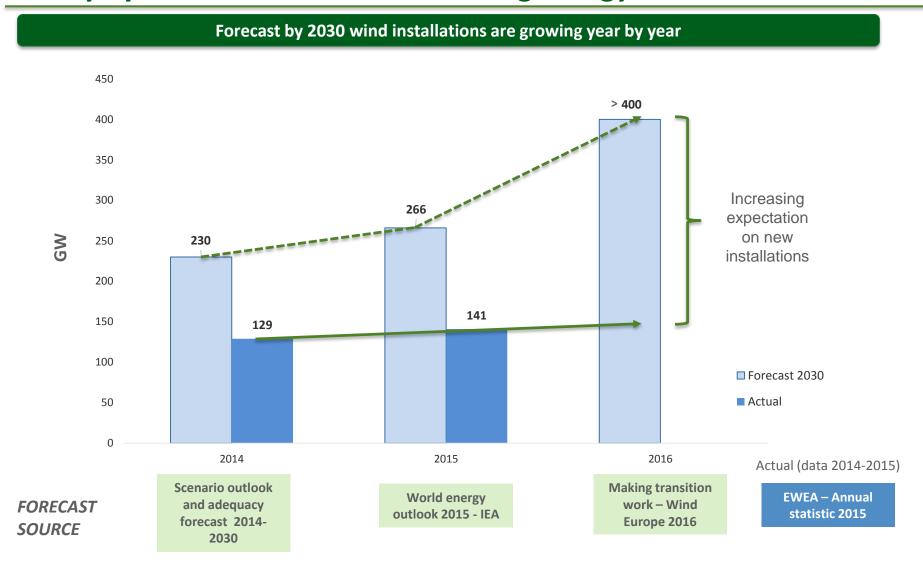
Renewables (in particular Wind and Solar) are key:

- to mitigate the **GHG emissions**
- to reduce the dependance on fossil fuels
- to diversify the energy supply
- to create new jobs

		OUTLOOK TREND			
RENEW. SOURCE		GW IN 2030	CAGR 2013-30		
	Hydro	~ 1,600	+2.1%		
<b>☆</b>	Wind	~ 1,000	+7.5%		
	Solar*	~ 750	+10.4%		
7	Bioenergy	~ 210	+4.0%		
	Others	~40	+6.7%		

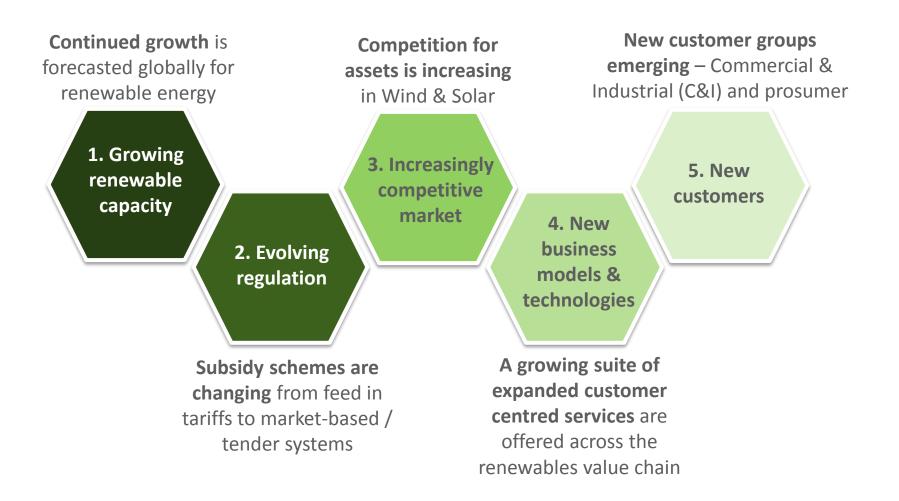


# High expected wind growth in Europe in next 15 years driven mainly by cost reduction and increasing energy demand



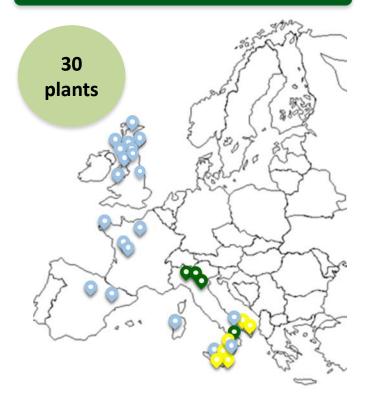


## Renewables opportunities to be captured in an evolving context



## **Falck Renewables Overview**

### **797\* MW ACROSS EUROPE**





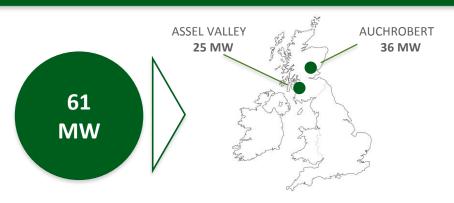
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### **1,300 MW** THIRD PARTY MW MANAGED BY



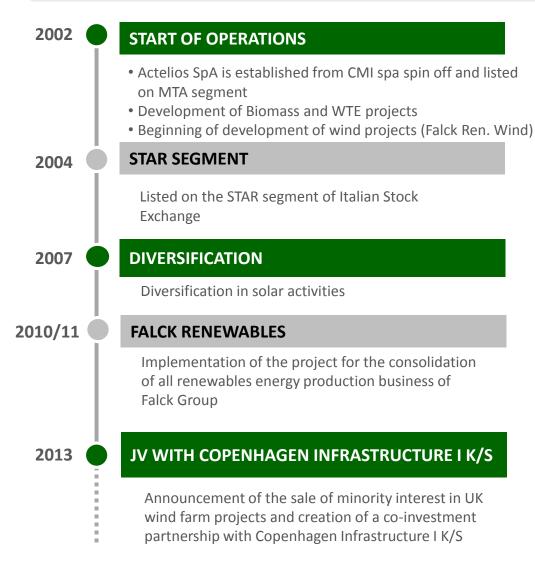


### WIND PLANTS UNDER COSTRUCTION





## A history of growth and clear commitment in the Renewables



### 

Solar

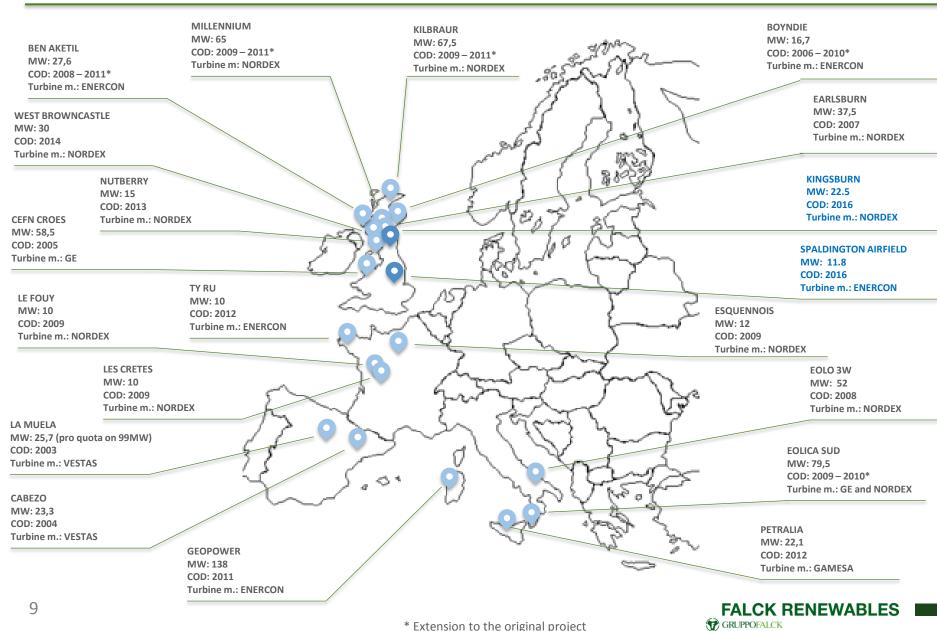
Wind



■ Wte/Biomass

<sup>(\*)</sup> Gross of IAS IFRS 11 reclassification for total 37 MW each years (°) it includes Assel Valley wind farm: COD expected in 4Q 2016

## Falck Renewables: Wind plants in operation (735 MW)



## Falck Renewables: Wte, Biomass and Solar PV in operation (62 MW)

3

ezzo sull'Adda (Mi)	Bologna*
MW	11MW
ma <u>S</u> rl	FEA Srl
%	49%
03	2004
3	64
	ezzo sull'Adda (Mi) MW ma <u>S</u> rl % 03

Location Rende (Cs) Capacity 15MW

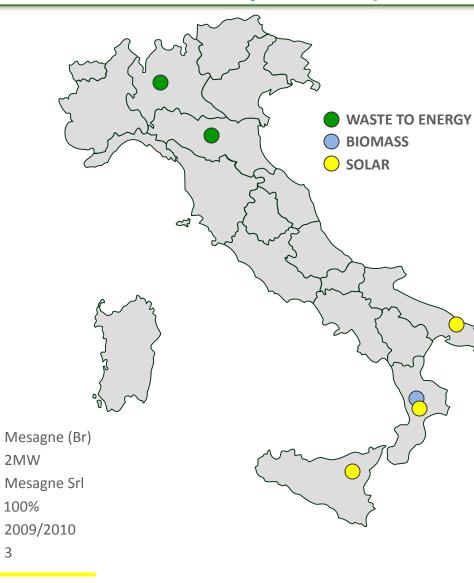
**SPV** Ecosesto SpA

Ownership 100%

COD (year) 2011 (revamping)

**GWh in 2015** 105

Location	Rende (Cs)	Sicily region
Capacity	1MW	13,1MW
SPV	Ecosesto SpA	Actelios Solar Srl
Ownership	100%	100%
COD (year)	2007	2011
GWh in 2015	1	18





## **Vector Cuatro at a glance**



**Vector Cuatro** is one of the very few companies with experience in and dedicated to the complete value chain of projects: **from advisory and structuring services or engineering to management and administration of solar PV and wind power facilities.** 



Vector Cuatro has carried **out more than 550 projects worldwide** and is internationally ranked as one of the most important companies in the sector. It has **1,3 GW under management** and counts on **a track record of 18 GW throughout the entire value chain of the projects**. The company provides specialized services in renewable energy through its four major service lines:

### **ASSET MANAGEMENT**

Providing support to asset owners in the daily obligations of their facilities.

- Technical Management Independent monitoring
- Invoicing control
- O&M supervision
- Operational Management
- Finance & Accounting
- Tax
- Reporting
- Insurance claim management



### **TECHNICAL SERVICES**

Acting as a specialized consultant covering all aspects in the development, construction and operational phases of a project.

- · Technical Due Diligence
- Feasibility Studies & Yield Assessment
- · Owner's Engineering
- Project and Site Management and Construction monitoring
- · Technical Audits
- · Lender Technical Advisor
- Tender O&M and EPC



### **TRANSACTIONS**

Participating in the analysis, selling, acquisition and financing of green power installations.

- Identification of acquisition opportunities worldwide
- Analysis, structuring and closing of acquisition opportunities
- Design and closing of financing and refinancing structures
- Divestment of projects and portfolios
- Advisory services





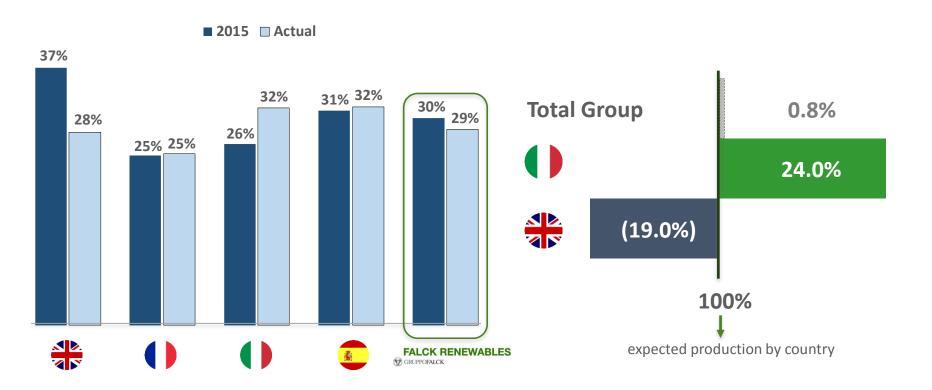
Vector Cuatro's team is comprised of over **100 highly qualified professionals** from different backgrounds (engineers, economists, lawyers, tax specialists), who are all specialized in the renewable energy industry.



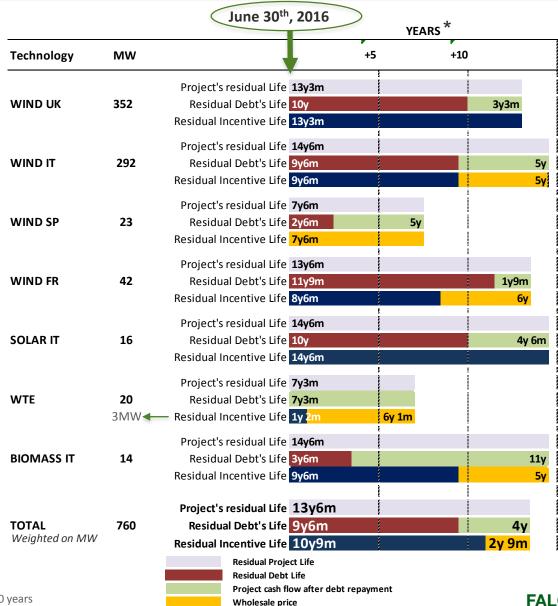
## **Quality Assets**

1H 2016 vs 1H 2015: load factor by country

1H 2016: UK & Italy plant performance

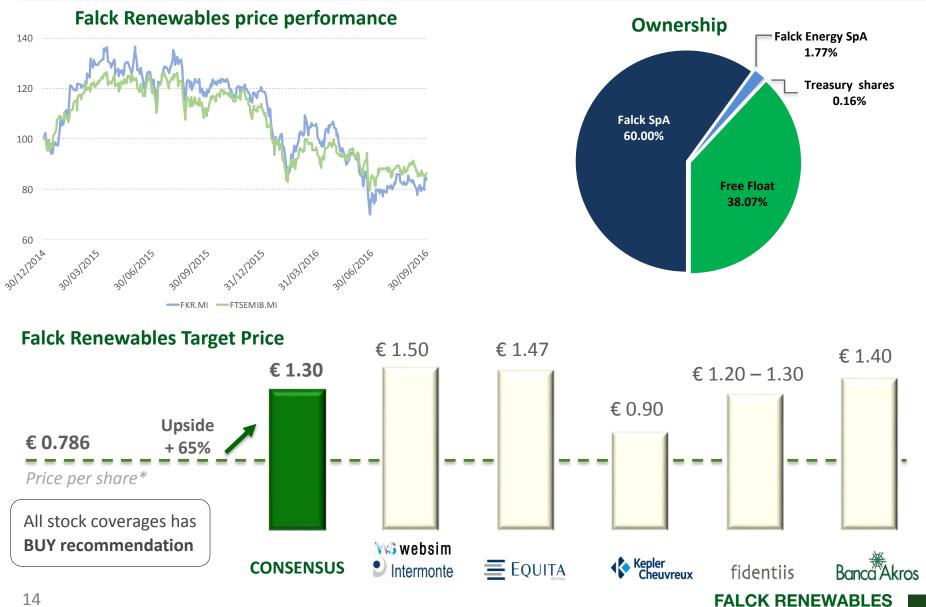


## Young asset base



Residual incentive life

## Stock price upside not priced in



**GRUPPOFALCK** 

- Group overview
- Financial Highlights 1H 2016
- Outlook and conclusions
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## 1H 2016 Highlights

## Solid results in an adverse market scenario



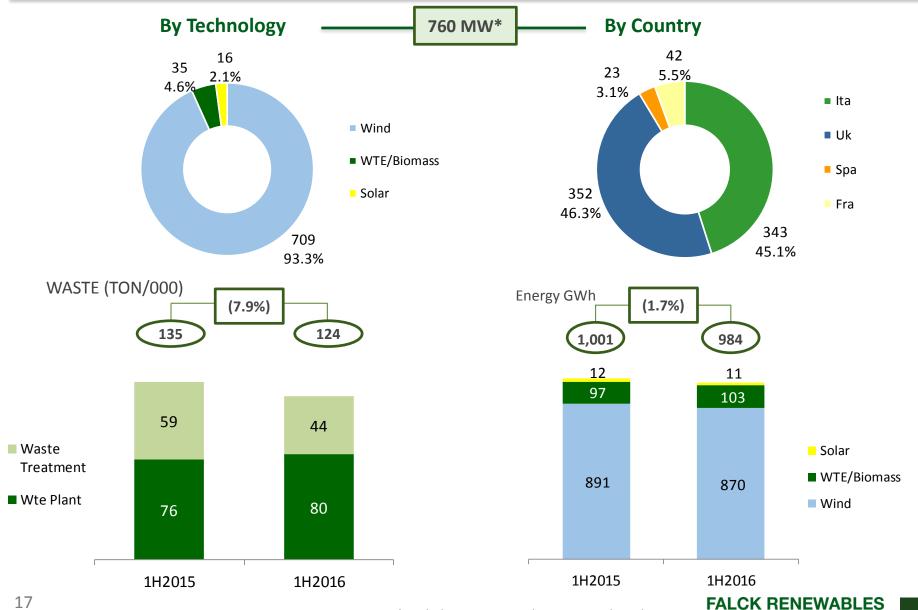


- COD achieved earlier than anticipated at Spaldington and Kingsburn (34MW)
- Good wind conditions in Italy
- Continued operational cost savings
- IMU and Law 488 positive impact on FKR Group Net Income
- Good results of Vector Cuatro

- Electricity prices confirmed weak in 2016
- Poor wind conditions in the UK
- Negative effect of regulatory changes
- Negative impact from GBP/€ exchange rate

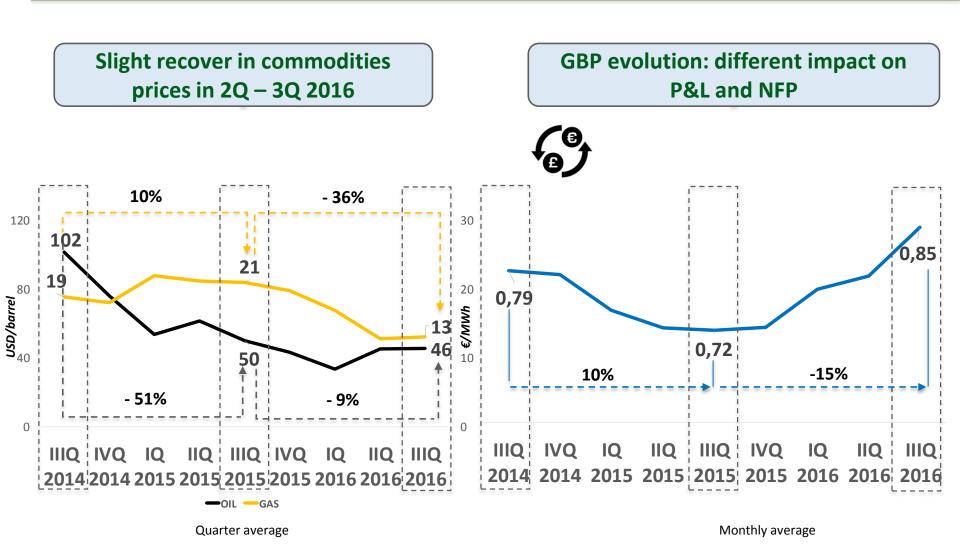
- 1H 16: €71.3m EBITDA, NFP improved by €41m to €589m
- 1H 16 Group Net Earnings at €9.0m, increased 3.4% vs 1H 15

## **Installed capacity and production**



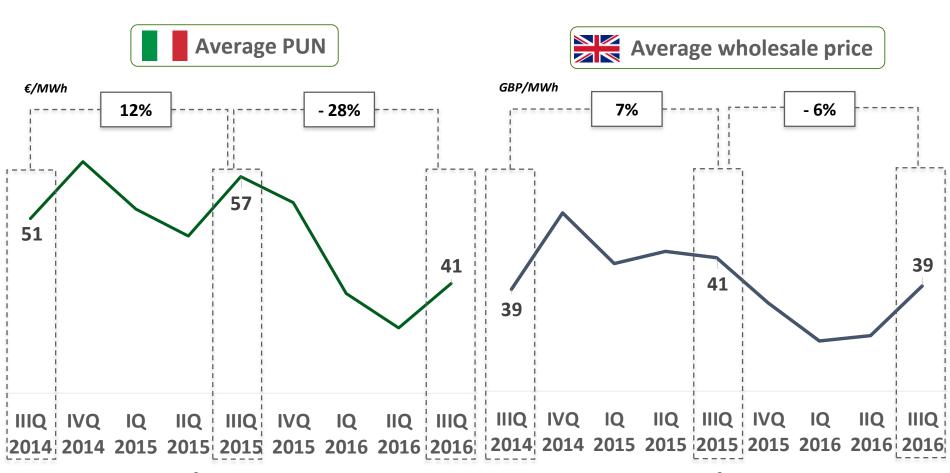
GRUPPOFALCK

## Market context - oil & gas price and exchange rate evolution



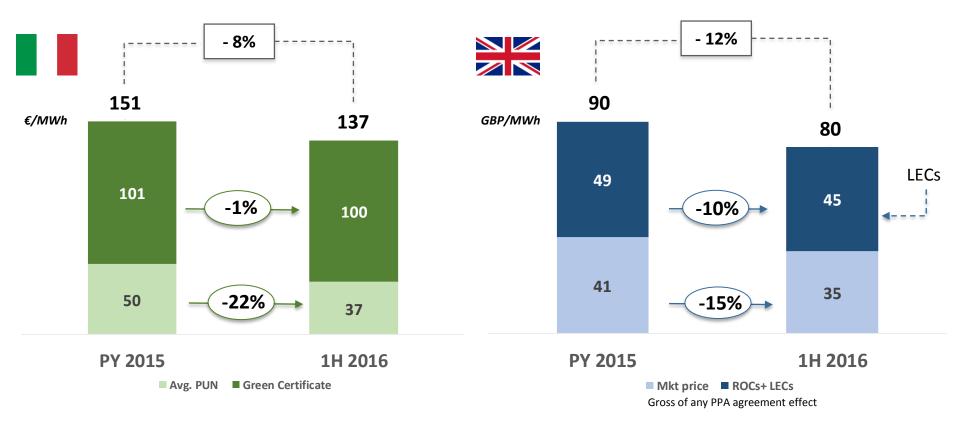
## Market context – wholesale price evolution

Negative wholesale price evolution affecting group performance YoY



## Market average price (wholesale + incentive)

Euro/MWh	PY 2015	1H 2016	Δ %
	91	91	0
**	39	24	- 45%



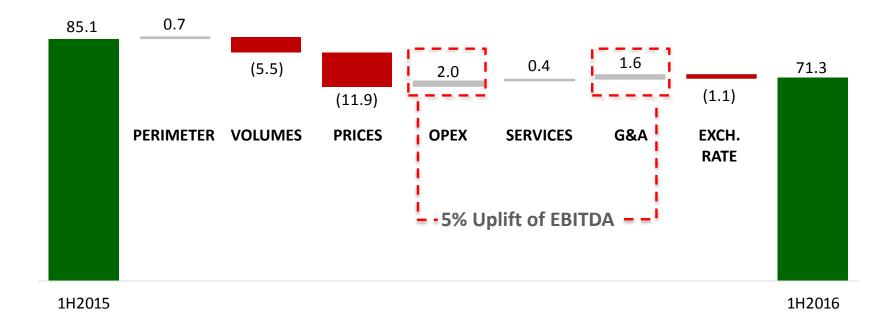
## **1H 2016 Financial Highlights**

	1H2016	1H2015	Δ
Installed Capacity - MW Energy Production - GWh	760 984	726 1,001	34.0 (17.0)
Revenues - €m	128.6	147.2	(18.6)
EBITDA - €m	71.3	85.1	(13.8)
EBIT- €m	35.7	46.0	(10.3)
EBT - €m	16.6	23.4	(6.8)
Net Earnings - €m	11.0	14.8	(3.8)
Group Net Earnings -€m	9.0	8.7	0.3
Сарех	(45.1)	(15.8)	(29.3)
Net Financial Position	(589.1)	(629.9)*	40.8

<sup>\*</sup>As of 31 December 2015

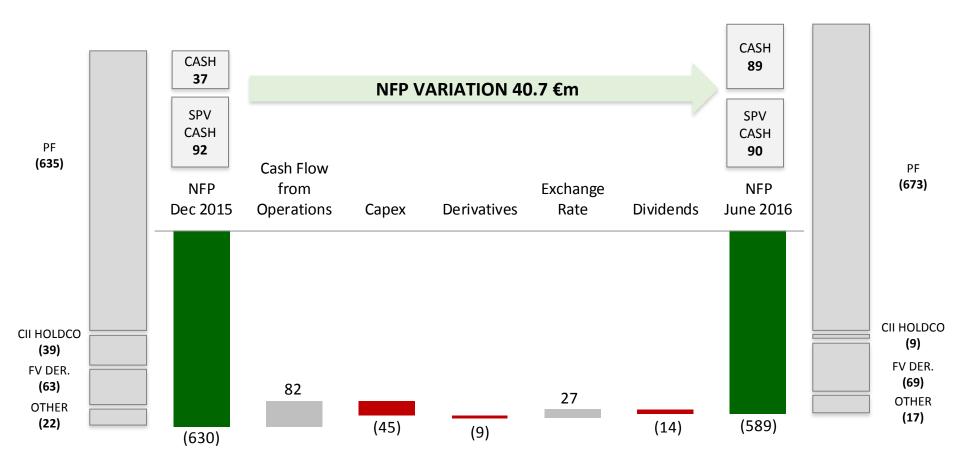
## **1H 2016 EBITDA Evolution**

Millions of euro



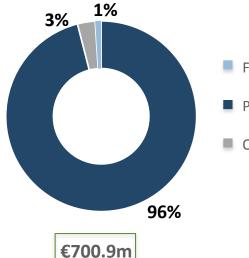
## 1H 2016 Cash Flow

Millions of euro



### 1H 2016 Debt Breakdown





Financing with recourse

Project Financing without recourse

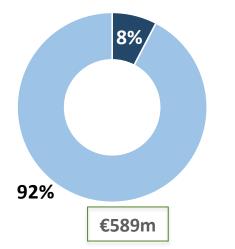
Other financings without recourse

74%

€700.9m

### NFP Plant under construction\*/in operation





Under Development and Construction\*

Hedged

Un-hedged

Operating Plants

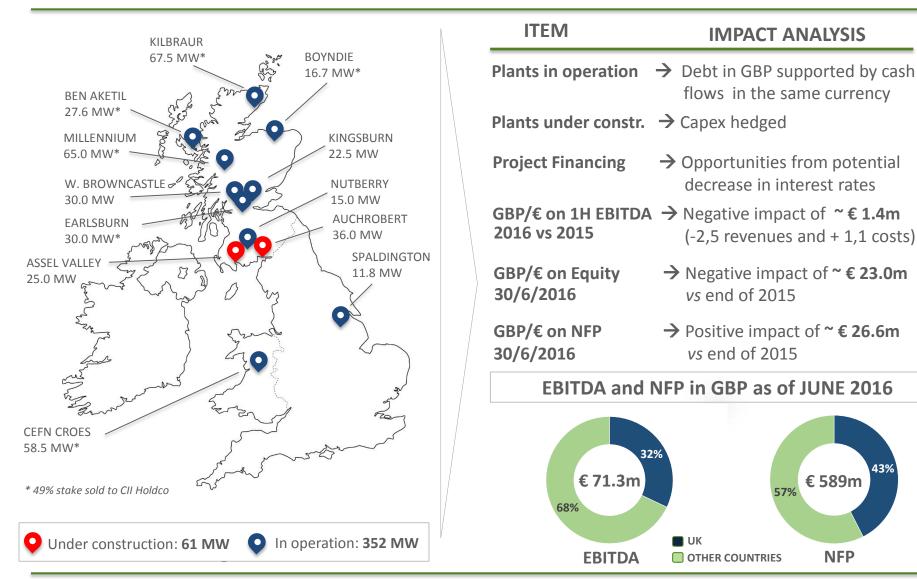
% Gross debt without derivatives hedged

26%

\* It excludes the amount of €58.2m related to the construction of Spaldington and Kingsburn. These wind farms reached the COD on May 2016



### Brexit: overview on Falck Renewables business in the Uk



43%

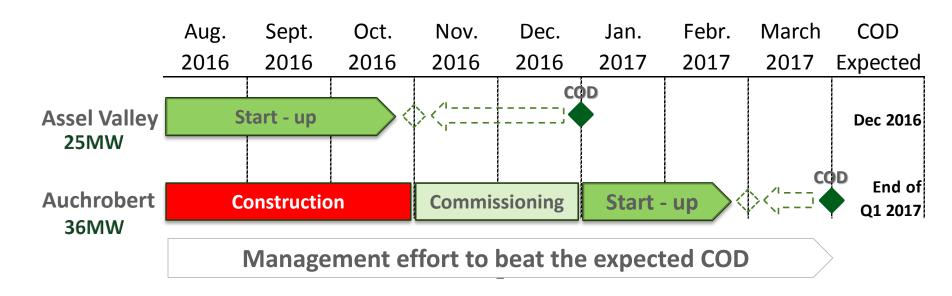
€ 589m

**NFP** 

57%

- Group overview
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## 2016: projects in construction (61MW)





**EXPECTED 2015 = 100%** 



New capacity as per initial plan



**Acceleration program** 

### **ASSEL VALLEY 25MW**

**W. hours:** ~ 3,250

Turbine M.: Nordex

Status: All turbines erected

Ready for commissioning

Exp. COD: October 2016

### **AUCHROBERT 36MW**

**W. hours:** ~ 2,900

Turbine M.: GE

**Status:** Installation due to

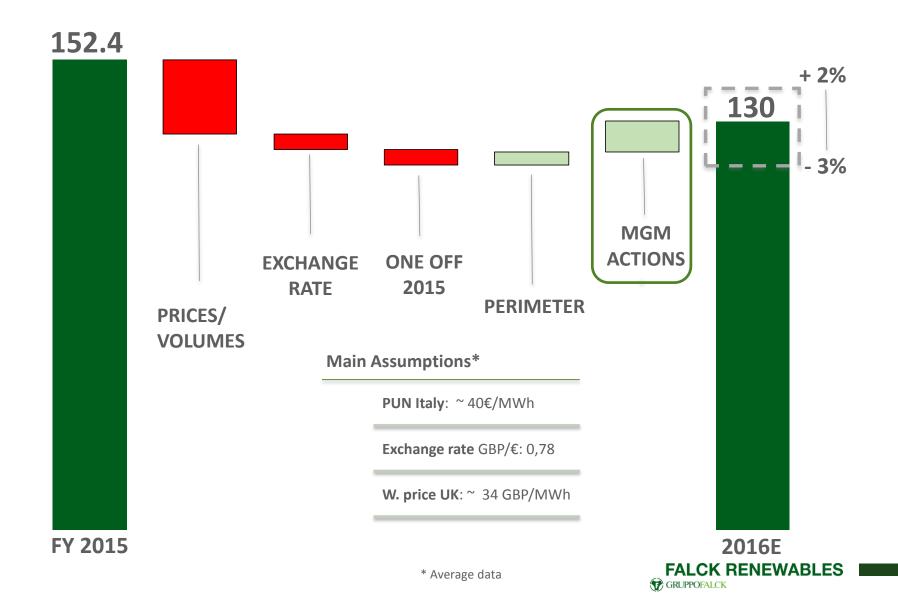
complete in October

Exp. COD: March 2017



## Guidance on EBITDA 2016 provided in May 12th 2016

Millions of euro



## 2016 EBITDA Guidance: a sensitivity on GBP/€ impact

**GUIDANCE** 

€ 130m\*

**TOLERANCE OF -3% +2%** 

**SENSITIVITY** 

€ 0m ~-1.9

~ -2.5

~ -3.1

GBP/€

(Avg. 2016)

GBP/€

(Avg. 2H 2016)

0.78

0.81

0.82

0.83

0.78

0.84

0.86

0.88

GUIDANCE CONFIRMED IN 1H 2016 (AUGUST 4<sup>TH</sup>)

### 2016: final remarks

### **STRATEGY**

- On track with strategic plan
- Analyst Day 29 November 2016 (Strategy and Industrial plan presentation)

### **FINANCE**

- Closed Financing:
  - West Browncastle for 40.3m GBP
  - Kingsburn and Spaldington for 45.6m
     GBP
  - FRUK for 38.6m GBP
- Benefits from Law 488 for Minervino

### **OPERATIONS**

- PPA closed with Vattenfall (105MW)
- Wind O&M contract renegotiation initiated (GE San Sostene)
- •O&M and structural **cost reduction** ongoing (-5% in H1 2016)

### CONSTRUCTION

- **Kingsburn and Spaldington** expedited 1 month vs original date
- Assel Valley expedited 2 months vs original date
- Evaluating substation/interconnection expediting at Auchrobert (2 months ahead vs original date)



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Annex

## **1H2016** Financial highlights

millions of euro	1H2016	1H2015	
Revenues	128.6	147.2	(12.6%)
Other income	2.6	3.0	
Operating costs	(59.9)	(65.1)	
Ebitda	71.3	85.1	(16.2%)
% on Revenues	55.5%	57.8%	
Depreciation - Amortization - Write Off	(35.6)	(39.1)	
Operating Result	35.7	46.0	(22.4%)
% on Revenues	27.8%	31.3%	
Financial income and charges	(20.0)	(24.5)	
Equity investments	0.9	1.8	
Earnings Before Taxes	16.6	23.4	(29.1%)
Net Earnings	11.0	14.8	(25.7%)
Group Net Earnings	9.0	8.7	3.4%

Millions of euro	1H2016	1H2015
Impairment		(4.0)
Write - off		(1.0)
Provisions	(3.0)	(0.5)

millions of euro	1H2016	FY2015	
Net Invested Capital	1,074.9	1,148.8	
Equity	485.7	519.0	
Group Equity	443.2	472.5	
Net Financial Position	(589.1)	(629.9)	
of which: Proj. Fin. and MLT no recourse	(672.5)	(634.7)	
NFP excluding Derivatives Instruments	(520.2)	(566.6)	



## Impact of change in regulations – updates

	Change in regulation	Effective date	Impact on Incentives	Expected event
	Discontinuity in incentive calculation vs previous year	01/01/2016	~ (11 €/GC)	X
	Review of wholesale price for incentive calculation for biomass (New Decree)	01/07/2016	80 €/GC 1H 100 €/GC 2H	V
	Cancellation of LECs	01/08/2015	~ (5 £/MWh)	V
33	Recent ruling imposed fee payment over FiT received from 2009 - 2014	15/04/2016	(€0.8m) cumulated FALCK	X RENEWABLES I

## **Agreement with Vattenfall**

- Signed some Power Purchase Agreements "PPA", with Sweden's Vattenfall Group one of Europe's largest energy players - for the sale of electricity produced by three of its wind farms in operation in the United Kingdom
- Introduced a floor pricing mechanism which will protect Falck Renewables in case of further reductions to the energy price in the United Kingdom energy price market
- The wind farms have a total installed capacity of approximately **105 MW**

### **BOYNDIE**



Location	Scotland, UK
Technology	Onshore wind
COD	June 2006
Capacity (MW)	16.56
Number of turbines	8

### **CEFN CROES**



Location	Wales, UK
Technology	Onshore wind
COD	April 2005
Capacity (MW)	58.5
Number of turbines	39

### **WEST BROWNCASTLE**



Location	Scotland, UK
Technology	Onshore wind
COD	June 2014
Capacity (MW)	30
Number of turbines	12

### **Contacts**

### **IR Contacts**

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### **Next Events**

November 10<sup>th</sup>, 2016 Q3 Results

November 29<sup>th</sup>, 2016 Industrial Plan



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