



**Greencoat Renewables PLC** FY 2021 Results Presentation

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Europe

## SECTION I 2021 Overview



### Building Europe's leading renewable infrastructure company

## Key Strengths

**Consistent delivery of business model** Robust, inflating, dividend and NAV growth, with stable TSR of 40% since IPO

**Proven growth and aggregation capability** 5x capacity growth in 4 years since IPO, including diversification across 5 countries<sup>1</sup>

Leading investment manager

>€8.0bn of funds under management; Europe's largest investor dedicated to renewables

### **Power price upside**

Majority of portfolio consists of price-floor rather than CfD contracted mechanisms, capturing revenue upside from high power prices

#### Inflation-protected portfolio >80% of revenues inflation linked to 2029



<sup>2</sup> Net cash generation is gross of SPV level debt repayment in this instance



Strong cash generation of €70.5m <sup>1</sup> in a low wind year (-16% vs budget)	<b>1.5x</b> <sup>1</sup> Divided Cover
€47.2m of dividends paid in 2021 with 2% increase in dividend per share targeted for 2022	<b>6.18c per share</b> 2022 Dividend Target
NAV growth of 4.1c per share in 2021 underpinned by exposure to higher market prices	€1.051 NAV per share Q4 2021 NAV
€480m invested and committed in 2021, with continued diversification into Europe	<b>800 MVV</b> Portfolio
Strong pipeline for growth with committed acquisitions for 2022 and early 2023	€228m Forward sales agreed
Capital structure optimised for growth with €475m medium term fixed rate debt in place	<b>€475</b> m HoldCo Debt

## Market entry in 5 European countries, ability to scale demonstrated





Strong and diverse pipeline with potential for substantial acquisition volume in the near term

## **ESG – Carbon Negative, Community Positive**

Comprehensive ESG approach, spanning operational best-practice and upcoming regulation

### GREENCOAT RENEWABLES

### **Operational ESG performance**

2021: 1,522 GWh of green electricity, generating 609k tonnes of CO2 savings

€1,000,000 committed to community benefit funds over 2021, with accelerated COVID-19 contributions

Shortlisted for 'Exemplary H&S Performance' award by Wind Energy Ireland, an industry body

Comprehensive Health & Safety approach

Aim to create stable skilled jobs in the local communities in which we operate

Modern Slavery Statement<sup>1</sup> published for the first time

## **Disclosure and progress**



"A" as UN Principles for Responsible Investment (PRI) signatory

Also CDP first full submission



Task Force on Climate-Related Financial Disclosures: Aligned disclosures at FY 2021, partner in the Sustainable Finance Irelands' TCFD supporters campaign

Sustainable Finance Disclosure Regulations (SFDR) – Article 9 fund



EU Taxonomy – Fund to be 100% aligned with EU Taxonomy on climate change mitigation



GHG Protocol - Completed full emissions footprint and report

## **Best practice responsible investor**



		FY 2018	FY 2019	FY 2020	FY 2021	
Scaling the	2x increase in net generating capacity in 3 years	384 MW	462 MW	557 MW	800 MW <sup>1</sup>	
business	Continued increase in net cash generation	€23.1m <sup>2</sup>	<b>€48.7</b> m <sup>2</sup>	<b>€66.4</b> m <sup>2</sup>	€70.5m <sup>2</sup>	
Strong performance	TSR since IPO of 40%, of which 27% via dividends	10.2%	33.7%	38.3%	40.0%	
and stable returns	Robust dividend cover	1.3x <sup>2</sup>	1.7x <sup>2</sup>	1.7x <sup>2</sup>	1.5x <sup>2</sup>	
Future growth	Growing access to very large asset pool	3.7 GW <sup>3</sup>	164 GW <sup>3</sup>	202 GW <sup>3</sup>	250 GW <sup>3</sup>	

<sup>1</sup> This is 837 MW post acquisition of Tullahennel Wind Farm (February 2022) and will be 1,004 MW including Tullahennel wind farm, forward sales and the COD of Killala battery

<sup>2</sup>Net cash generation is gross of SPV level debt repayment in this instance

<sup>3</sup> Source: GC sources, Irena Annual Report



## SECTION 2 Portfolio Overview

Market-leadership achieved in Ireland, accelerating growth in continental Europe







## Ireland Aggregation and Market Opportunity

Continued consolidation of a strategic market

## GREENCOAT RENEWABLES

#### **Cordal Wind Farm**

- 89.6 MW asset located in County Kerry (€188m)
- In operation since May 2018 and receiving REFIT until December 2032
- Acquired from Cubico Sustainable Investments

### **Glencarbry Wind Farm**

- 35.6 MW asset located in County Tipperary (€69m)
- In operation since July 2017 and receiving REFIT until June 2032
- Acquired from the John Laing Group Plc

### Ballincollig Hill Wind Farm

- I3.3 MW asset located in County Kerry (€I5m)
- In operation since June 2010 and receiving REFIT until March 2025
- Acquired from local developer

### **Tullahennel Hill Wind Farm**

- 37.05 MW asset located in County Kerry (€75m)
- In operation since September 2018 and receiving REFIT until December 2032
- Acquired from Apollo

### **Current Situation**

- ~€360m invested in Irish assets during 2021 and early 2022
- 33%<sup>1,2</sup> increase in Irish portfolio size since year end 2020
- Largest asset owner with 16%<sup>1</sup> market share of Irish operating wind assets

### **Future Outlook**

- Strong pipeline of REFIT assets continue to come to market
- First RESS deal signed with Statkraft via forward sale for 2 wind assets totalling 63 MW
- The RESS 2 auction slated for completion in Q2 2022 will allow further opportunities to deploy the forward sale model
- Corporate PPA assets are set to increase in prominence due to the spike in electricity prices and government policy
- In the longer term we expect a strong secondary market for RESS assets to emerge as developers look to recycle capital
- Offshore wind is expected to develop, bringing opportunities for larger ticket transactions

## **New Market Entries**

## GRP executed transactions in Finland, Sweden and Spain in 2021





#	Asset	Country	Technology	COD	% Interest	Net MW
I	Torrubia	Spain	Solar	Q3 20221	100%	50.1
2	Erstrask South	Sweden	Wind	Q4 2019	100%	101.1
3	Kokkoneva	Finland	Wind	Q2 2022 <sup>1</sup>	100%	43.2
	Total					144.3





#### **Torrubia Acquisition Highlights (Spain)**

- To be acquired when COD is reached, expected in Q4 2022
- · Located in Spain, the first asset in this market for GRP
- · Acquired on a fully merchant revenue basis
- Lightsource BP is the asset Vendor. They will continue to provide O&M and asset management services to the project
- GRP seeing attractive returns and substantial asset pipeline for further Spanish transactions

#### Erstrask South Acquisition Highlights (Sweden)

- Acquired for €95m in Q4 2021
- Located in the SEI region of Sweden and is part of the Markbygden cluster of wind farms, a multi-gigawatt development
- Merchant revenue stream, with strategic offtake contracts engaged in for certain items such as guarantee of origin (GoO) contracts due to favourable and more certain pricing
- Enercon constructed the asset using their own turbines, a mix of 2.35 MW and 4 MW units
- They will remain involved in the project as O&M contractor and asset manager
- · Seeing strong pipeline of operating and forward sale assets in Sweden

#### Kokkoneva Acquisition Highlights (Finland)

- To be acquired for c.€60m with an expected COD in Q2 2022
- · Located in Finland, first project agreed to acquire in Nordic market
- 10-year PPA with Gasum, Finnish semi-state gas utility,
- Abo wind taking all construction risk and funding risk under a forward sale model
- Abo wind to provide ongoing asset management once asset operational
- Expect to see further opportunities in the wider market



# SECTION 3 Operational Considerations

## **Portfolio Structure and Strategy**

### Keeping portfolio "low risk" and adding long-term contracted cashflows





#### I) Market Upside on REFIT Assets

- Day ahead baseload power prices in I-SEM have seen spikes in excess of €200/MWh since October 2021
- The structure of REFIT allows this upside to be captured
- 55% of GRPs Irish assets will benefit from these higher prices

#### 2) Highly Contracted Revenue Stream

- The majority of GRP's revenues are set to come from contracted sources until 2033
- GRP continues to secure contracted revenues as evidenced by the acquisitions of Kokkoneva (corporate PPA) and each of the Irish assets in 2021 (REFIT)

#### 3) Inflation Protected Revenues

• Irish REFIT and French FiT inflation linked revenues will continue into the 2030's

## **Continued Asset Management Driving Long Term Value**

Maturing technology and market developments opening potential for future value uplift







### Greencoat PIP (Performance Improvement Plan)

Best in class operational excellence programme built on Investment Managers scale and experience

### DS3 and other grid connection benefits

Existing wind and solar farms providing stability services to the grid



### Maturing PPA Market

Evidence of corporates and utilities willing to contract for medium/long term on both new and existing sites



### Data-centre growth

Increasing demand for renewable electricity, typically seeking PPA from wind and solar farms



### **Co-located batteries**

Using existing project grid infrastructure to create enhanced project returns



### Hydrogen

Potential for co-location of hydrogen with wind/solar

## **Active Asset Management: Co-located Battery Project**

Maturing technology emerging as investible opportunity



### **Enhancing Returns, and Creating Value**

• Wind/battery co-location synergies possible across portfolio: increased dispatch, grid stabilisation payments, and trading arbitrage

### **Portfolio Approach**

- Greencoat has assessed returns, in preparation to deploy on a ٠ site-by-site basis as technology matures, and costs decline
- Specific Irish opportunity as a result of DS3, proven technologies, low capex costs, and high levels of renewable penetration

### Killala Pilot Project (example)

- Killala site has significant grid connection overcapacity; ~€7m capex, boosting overall asset IRR for the site
- Operational from January 2022, the project leveraged internal expertise with delivery managed by Investment Manager





- Battery facility under construction 2. Existing substation and distribution station
- 3. 3<sup>rd</sup> party oil/gas peaking plant
  - Eirgrid transmission station
- 5. Killala turbine I

Create additional value from our existing portfolio by capitalising on value accretive investment at specific GRP sites in a dynamic energy market



## SECTION 4 Financial Performance



Consolidated Cash P&L (€'000)	FY 2018	FY 2019	FY 2020	FY 2021
Revenue	38,956	92,878	118,646	139,292
Operating Expenses	(8,902)	(26,305)	(35,011)	(45,129)
Tax/VAT	(647)	(46)	644	(2,506)
Wind farm operating cashflow	29,407	66,527	84,124	91,657
SPV level debt interest	-	(4,982)	(6,602)	(5,960)
Wind farm cashflow	29,407	61,545	77,522	85,697
Management fee	(2,766)	(4,689)	(6,246)	(7,474)
Operating expenses	(1,095)	(1,612)	(1,642)	(2,641)
Ongoing finance costs	(2,887)	(6,353)	(2,821)	(5,078)
VAT	484	(285)	(356)	(325)
Other	(1)	77	(37)	347
Group cashflow	(6,265)	(12,862)	(11,102)	(15,171)
Gross cash generation (gross of SPV level debt repayment)	23,142	48,683	66,420	70,526
Gross dividend cover	I.3x	I.7x	1.7x	1.5x
SPV level debt repayment	-	(8,212)	(14,009)	(14,527)
Net cash generation (net of SPV level debt repayment)	23,142	40,471	52,411	55,999
Net dividend cover	1.3x	1.4x	1.4x	1.2x

### **Key Considerations**

- Solid revenue growth year on year.
- Stable and solid operating margin (wind farm operating cash flow) of c.72% average over 4 years.
- 1.5x gross dividend cover forecast despite poor wind year.
- Wind generation was down 16% from budget in FY 2021, predominately due to poor wind resource in Ireland. This was partially mitigated by above budgeted wind resource from the French Portfolio.

## **Net Asset Value**





### **Key Considerations**

105.1

- Increase of NAV of 4.1c per share:
  - Cash generated over the period (minus dividend paid) of +2.8c
  - Short term (mostly) power price increased curved of +2.7c
  - Impact of short-term CPI increase of +3.1c
  - Portfolio depreciation (and other movements) of -4.5c

NAV/share 101.0 (€ cents)



## SECTION 5 Financial Structure

cap)

## Optimised capital structure combining low cost and fixed interest rate





#### SPV Asset level debt Group Term Debt Group RCF NAV

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## Funding structure to support M&A pipeline



€m	QI 2022	Q2 2022	Q3 2022	Q4 2022	QI 2023
Forward Sale Asset Completions	-	59	-	97	72

€m	December 2021	QI 2022	Q2 2022	Q3 2022	Q4 2022	QI 2023
Gross Asset Value	1,566	1,642	1,701	1,701	1,798	1,870
Net Asset Value	935	935	935	935	935	935
Aggregate Group Debt	631	707	765	765	863	935
Gearing	40%	43%	45%	45%	48%	50%
Dry Powder for Additional Acquisitions <sup>1</sup>	772	696	637	637	540	468

### **Key Considerations**

- 2021 year end GAV of €1.57bn
- Adjusting for forward sales, GAV expected to increase to €1.87bn
- Combination of Irish RESS, Finnish corporate PPA and merchant Spanish solar assets secured
- €468m would remain in additional dry powder via drawing down further debt
- GRP continues to have an active pipeline of new opportunities





# Appendix

## 2021 Financial Performance (1/2)



	For the year ended 31	December 2021
Group and wind farm SPV cash flows	Net <sup>(1)</sup> €'000	Gross <sup>(I)</sup> €'000
Net cash generation <sup>(1)</sup>	55,999	70,526
Dividends paid	(47,171)	(47,171)
SPV level Capex & PSO Cashflow <sup>(2)</sup>	26,812	26,812
SPV level debt repayment	-	(14,527)
Acquisitions <sup>(3)</sup>	(378,873)	(378,873)
Acquisition costs	(3,603)	(3,603)
Equity Issuance	165,000	165,000
Equity issuance costs	(2,585)	(2,585)
Net drawdown under debt facilities	220,125	220,125
Upfront finance costs	(1,265)	(1,265)
Movement in cash (group and wind farm SPVs)	34,439	34,439
Opening cash balance (Group and wind farm SPVs)	39,024	39,024
Closing cash balance (Group and wind farm SPVs)	73,463	73,463
Net cash generation <sup>(1)</sup>	55,999	70,526
Dividends	47,171	47,171
Dividends cover	I.2x	I.5x

(1) The dividend cover tables above are shown as 2 scenarios: the first reflects cash generation net of the Group's share of SPV level debt repayment ( $\in 14.5$  million), and the second shows net cash generation gross of SPV level debt repayments.

(2) Cashflows reflect residual capital expenditure from acquired SPVs (€7 million) (covered by the vendor of the SPVs) and the receipt of REFIT working capital movements associated with the PSO relating to wind farm SPVs (€33 million).

(3) Acquisition consideration is net of the acquired SPV cash (€30 million) and the prepayment of the project level debt of both Sommette and Saint Martin (€40 million).

## 2021 Financial Performance (2/2)



Net Cash Generation – Breakdown	For the year ended 31 D	December 202 I
Net Cash Generation – Breakdown	Net €'000	Gross €'000
Revenue	139,292	139,292
Operating expenses	(45,129)	(45,129)
Tax/VAT	(2,506)	(2,506)
Wind farm operating cashflow	91,657	91,657
SPV level debt interest	(5,960)	(5,960)
SPV level debt repayment	(14,527)	-
Wind farm cashflow	71,170	85,697
Management fee	(7,474)	(7,474)
Operating expenses	(2,641)	(2,641)
Ongoing finance costs	(5,078)	(5,078)
VAT	(325)	(325)
Other	347	347
Group cashflow	(15,171)	(15,171)
Net cash generation	55,999	70,526

Net Cash Consustion - Reconstiliction to Net Cash Flows from Operating Activities	For the year ended 31 D	ecember 202 l
Net Cash Generation – Reconciliation to Net Cash Flows from Operating Activities	Net €'000	Gross €'000
Net cash flows from operating activities <sup>(1)</sup>	16,067	16,067
Movement in cash balances of wind farm SPVs <sup>(2)</sup>	15,624	15,624
SPV capex & PSO cashflow <sup>(3)</sup>	(27,472)	(27,472)
Repayment of debt at SPV level <sup>(2)</sup>	-	14,527
Repayment of shareholder loan investment <sup>(1)</sup>	56,810	56,810
Finance costs <sup>(1)</sup>	(6,343)	(6,343)
Upfront finance costs (cash) <sup>(4)</sup>	1,313	1,313
Net cash generation	55,999	70,526

(1) Consolidated Statement of Cash Flows

(2) Note 9 to the Financial Statements (excludes acquired cash)

(3) Cashflows reflect residual capital expenditure from acquired SPVs (€7 million) and REFIT working capital movements with the PSO relating to wind farm SPVs (€33 million) less SPV working capital (€13 million)

(4) €0.8 million finance costs capitalised during the year plus €0.5 million professional fees (note 13 of the financial statements)

## Portfolio as at December 31st, 2021

### Market leading Irish position, with European market entry now executed

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2021





#	Asset	Country	Vendor	Acquired	%	Net MW
I	Knockacummer	Ireland	Brookfield	Mar 2017	100%	100.0
2	Killhills	Ireland	Brookfield	Mar 2017	100%	36.8
Total	y/e 2017					136.8
3	Lisdowney	Ireland	Local Developer	Feb 2018	100%	9.2
4	Tullynamoyle II	Ireland	Local Developer	Mar 2018	100%	11.5
5	Glanaruddery	Ireland	Impax	Apr 2018	100%	36.3
6	Knocknalour	Ireland	Local Developer	Sept 2018	100%	9.2
7	Ballybane	Ireland	Local Developer	Oct 2018	100%	48.3
8	Cloosh Valley	Ireland	Coillte	Dec 2018	50%	54.0
9	Sliabh Bawn	Ireland	Coillte	Dec 2018	25%	16.0
10	Raheenleagh	Ireland	Coillte	Dec 2018	50%	17.6
11	Monaincha	Ireland	Blackrock	Dec 2018	100%	36.0
12	Garranereagh	Ireland	Blackrock	Dec 2018	100%	9.2
Total	y/e 2018					384.I
8*	Cloosh Valley	Ireland	SSE	Mar 2019	25%	27.0
13	Gortahile	Ireland	Glennmont	Sept 2019	100%	20.0
14	Killala	Ireland	Local Developer	Nov 2019	100%	20.4
15	Beam	Ireland	Local Developer	Nov 2019	100%	14.0
Total	y/e 2019					465.5
16	Letteragh	Ireland	Local Developer	Feb 2020	100%	14.1
17	Pasilly	France	John Laing	Jun 2020	100%	20.0
18	Sommette	France	John Laing	Jun 2020	100%	21.6
19	Saint Martin	France	John Laing	Jun 2020	100%	10.3
20	Carrickallen	Ireland	Galetech	Jul 2020	50%	10.3
21	Cnoc	Ireland	Gaelectric	Aug 2020	100%	11.5
15*	Beam	Ireland	Local Developer	Nov 2020	100%	6.9
Total	y/e 2020					560.I
22	Cordal	Ireland	Cubico	Mar 2021	100%	89.6
23	Glencarbry	Ireland	John Laing	Mar 2021	100%	35.6
24	Erstrask South	Sweden	Enercon	Oct 2021	100%	101.1
25	Ballincollig Hill	Ireland	Local Developer	Dec 2021	100%	13.3
Portfo	olio as at 3 l <sup>st</sup> Dece	mber 202 l				799.7
26	Cloghan (fwd)	Ireland	Statkraft	Q1 2023 <sup>1</sup>	100%	37.8
27	Taghart (fwd)	Ireland	Statkraft	Q4 2022 <sup>1</sup>	100%	25.2
28	Kokkoneva (fwd)	Finland	Abo Wind	Q2 2022 <sup>1</sup>	100%	43.2
29	Torrubia (fwd)	Spain	Lightsource BP	Q4 2022	100%	50.0
30	Killala Battery	Ireland	N/A	QI 2022	100%	10.8
	existing portfolio (			· · · · · · · ·		966.7