



# The Renewables Infrastructure Group Annual Results 2023

Renewables infrastructure for a clean and secure future

28 February 2024

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# 2023 Annual Results

## Investment Proposition & Highlights

# Our proposition



Favourable fundamentals



Responsible investment



Balanced portfolio



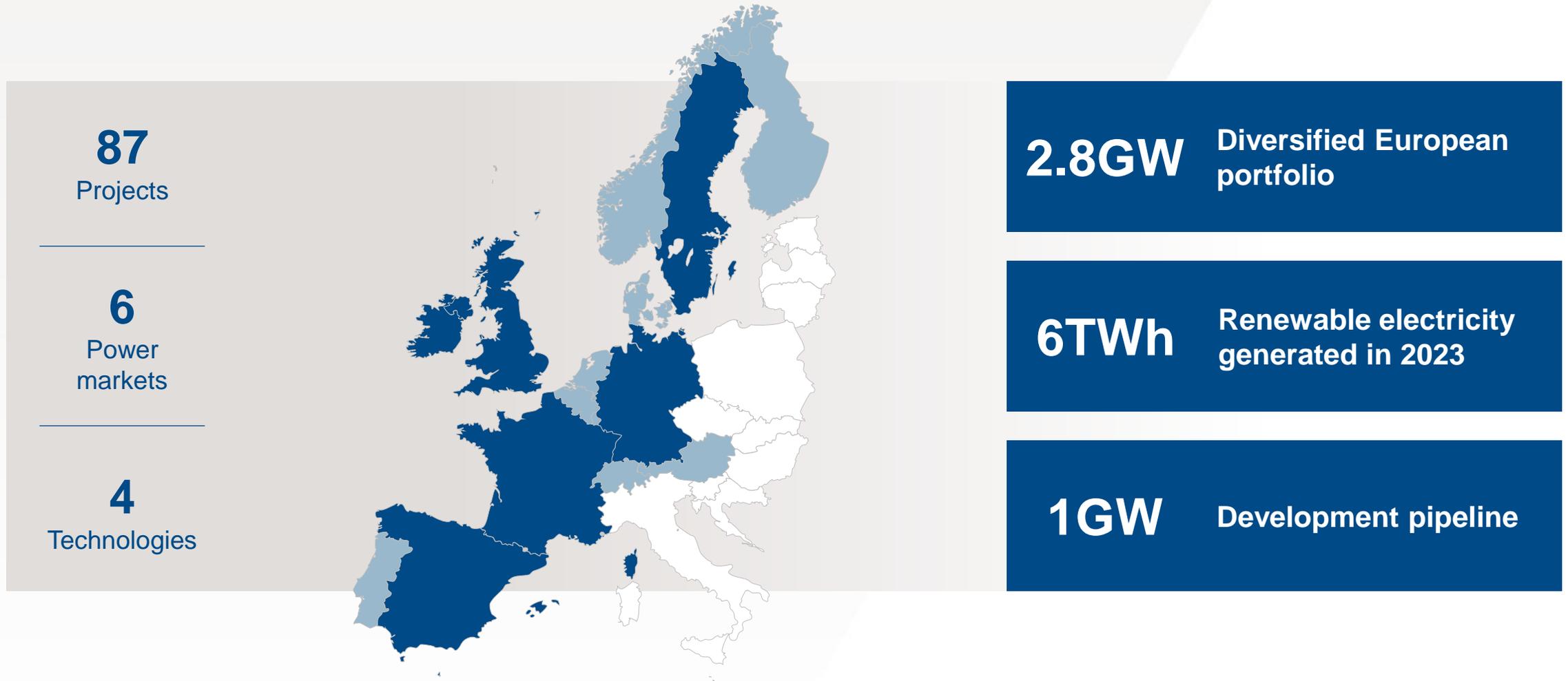
Operational excellence



Past performance is not a reliable indicator of future results. There can be no assurance that targets will be met or that the Company will make any distributions, or that investors will receive any return on their capital. Capital and income at risk

1. The portfolio expected return is the weighted average portfolio valuation discount rate of 8.1% as at 31 December 2023. The discount rates used for valuing each investment represent an assessment of the rate of return at which it is estimated infrastructure investments with similar risk profiles would trade on the open market

# A balanced portfolio across geographies and technologies



# Healthy cash generation in 2023

## Strong underlying performance

**£610m**

pro-forma portfolio  
EBITDA<sup>2</sup>

**11.4p**

distributable cash  
flow per share<sup>3</sup>

## Capital allocation

**£92m**

investments in  
construction

**£34m**

RCF reduction –  
>£200m more  
expected

## Durable balance sheet

**£219m**

project debt  
repayment

**37%**

project level  
gearing

## Sustainable dividend growth<sup>1</sup>

**2.8x / 1.6x**

gross cash cover /  
net dividend cover<sup>4</sup>

**7.47p**

dividend target for  
2024, +4% y-o-y



1. Past performance is not a reliable indicator of future results. There can be no assurance that targets will be met or that the Company will make any distributions, or that investors will receive any return on their capital. Capital and income at risk

2. EBITDA figure presented is based upon the aggregation of TRIG's share of SPV level revenues and operating costs measured on a consistent basis across regions

3. This is 'distributable cash' divided by the weighted average number of shares in issue during the year of approximately 2,483.6 million shares

4. Net dividend cover is 'distributable cash' divided by dividends paid during the period. Gross cash cover is the same figure quoted before the repayment of project-level amortising debt

# Financial Highlights & Valuation

# Financial Highlights

Year ended 31 December 2023

**127.7p**

**NAV per share**

(31 Dec 2022: 134.6p)

**£3,509m**

**Portfolio Value**

(31 Dec 2022: £3,737m)

**0.2p**

**Earnings per share**

(FY 2022: 21.5p)

**£610m**

**Pro-forma portfolio EBITDA**

(FY 2022: £677m)

**2.8x**

**Gross cash dividend cover**

(FY 2022: 2.6x)

**£219m**

**Project finance debt repayments**

**1.6x**

**Dividend cover**

(FY 22: 1.55x)

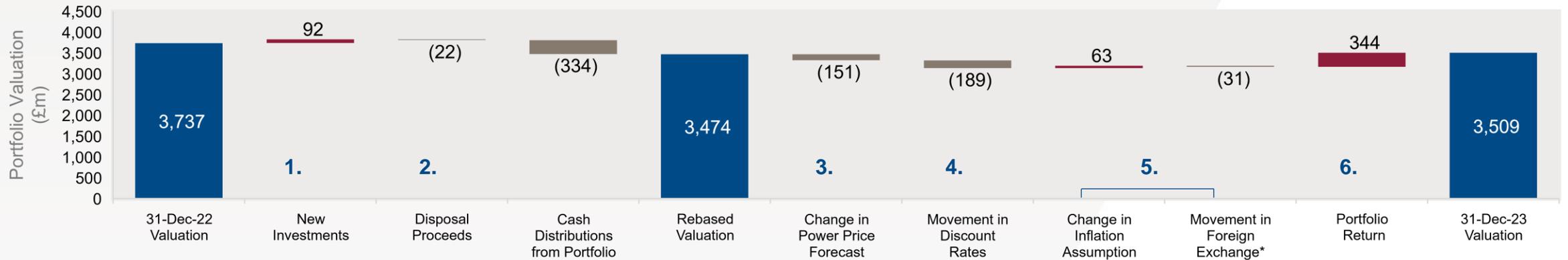
**7.47p**

**FY 24 Dividend per share target +4%**

(FY 2023: 7.18p)

# Portfolio valuation bridge

Valuation movement in the year to 31 December 2023



## 1. New investments

- Construction spend on projects in the year
- Grönhult and the Cadiz solar projects built
- Battery projects commencing construction

## 2. Disposal proceeds

- Three assets disposed of in the period at a premium to valuation
- Further divestments being progressed

## 3. Power prices

- Decrease in front end of power curve

## 4. Discount rates

- Reflects 0.5% increase in EU and 1.0% increase in UK discount rates. Discount rate now 8.1%
- Inclusion of higher returning assets in the portfolio increases discount rate by 20bps

## 5. Inflation & FX

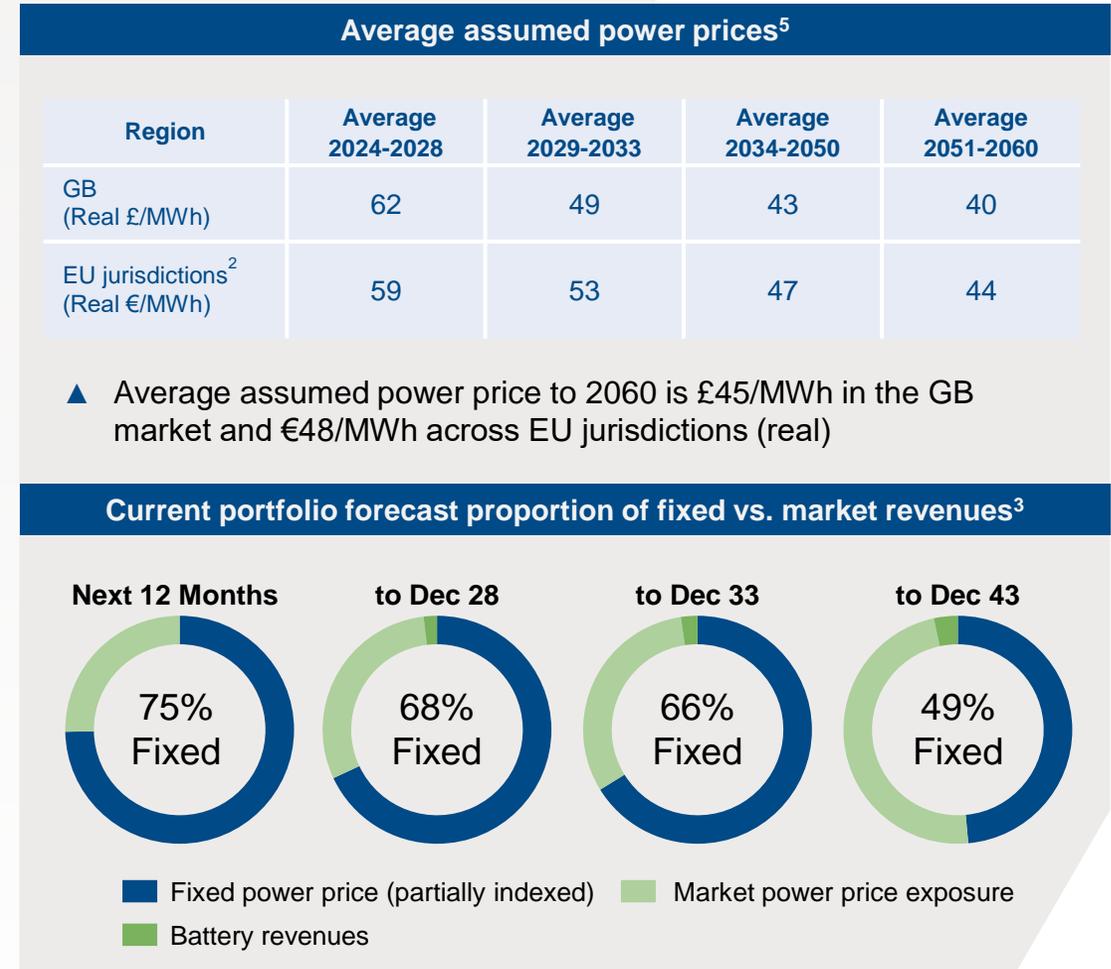
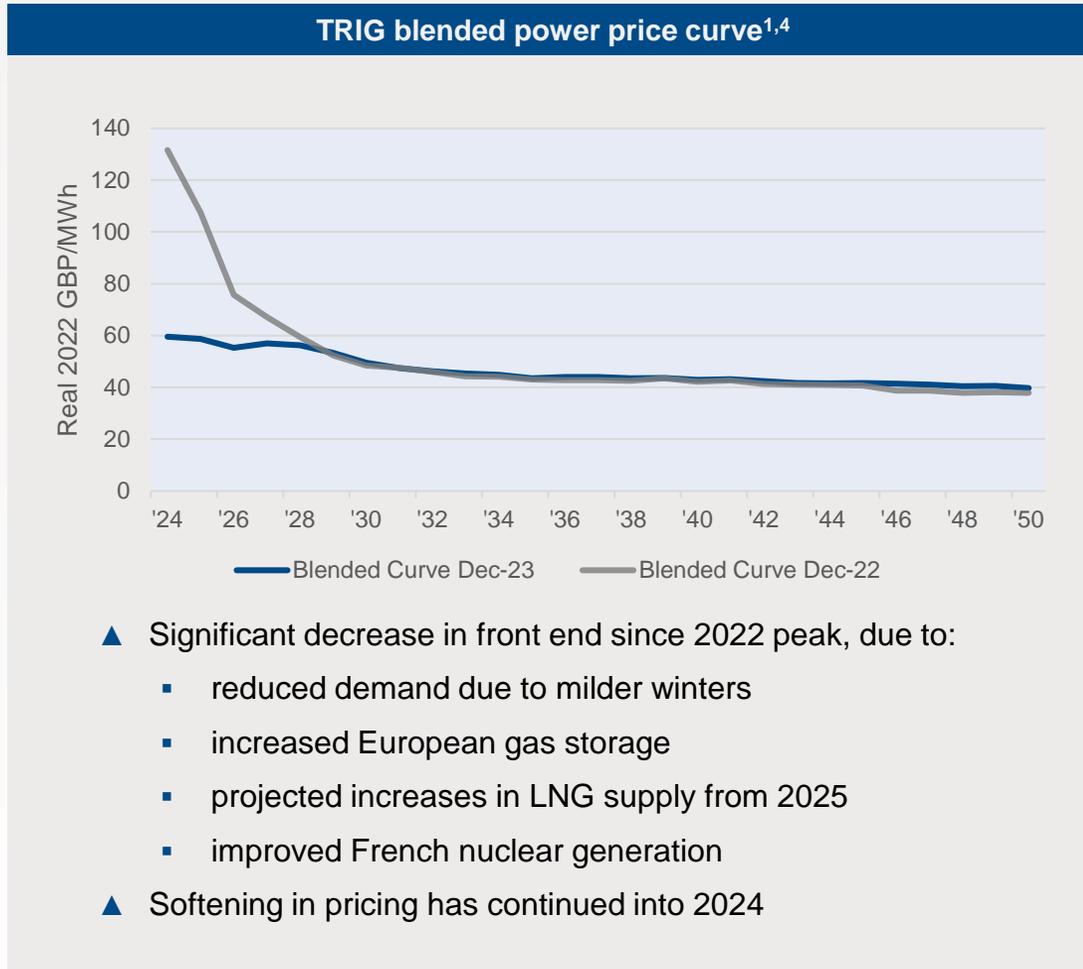
- High actual inflation during the year. UK CPI long-term inflation assumption now 2.5%
- Forex movement marginally positive after hedging gains

## 6. Portfolio Return

- Below budget weather resource in the period
- Significant value enhancement gains

\* Foreign exchange movement before hedges. The net impact of foreign exchange movement is a gain of £3.6m

# Near-term decline in power price forecasts mitigated by fixed revenues



1. Power price forecasts used in the Directors' valuation for each of GB, the Single Electricity Market of Ireland, France, Germany, Sweden and Spain are based on analysis by the Investment Manager using data from leading power market advisers. In the illustrative blended price curves, the power price forecasts are weighted by P50 estimates of production for each of the projects in the Company's 31 December 2023 portfolio. Forecasts are shown net of assumptions for PPA discounts and cannibalisation. Cannibalisation assumptions typically range from 15% to 40% across jurisdictions and markets 2. These are the European Union jurisdictions in which TRIG invests: Single Electricity Market of Ireland, France, Germany, Sweden (SE2 and SE3) and Spain 3. As at 31 December 2023 on a committed basis 4. UK power prices have inflation applied as follows (prior year in brackets) – 3.5% 2024 (2.75%), 3.25% 2025 to 2030 (2.75%) and 2.5% after 2030 (2.25%) 5. For comparability, the forecasts in the table are shown after cannibalisation but before applying PPA discounts.

# Increased discount rates weighted towards the UK

	31 Dec 2022	31 Dec 2023	23 Feb 2024
<b>Benchmark government bond yields<sup>1</sup></b>			
UK	3.7%	3.5%	4.1%
EU markets weighted average	2.9%	2.3%	2.7%
<b>Breakdown of TRIG's valuation discount rate</b>			
Weighted average risk-free rate	3.3%	3.1%	3.6%
Implied risk premium	3.9%	5.0%	4.5%
<b>Weighted average portfolio discount rate</b>	<b>7.2%</b>	<b>8.1%</b>	<b>8.1%</b>

UK risk-free rate higher than EU rates

Discount rate increased by 100bps for UK and 50bps for EU markets in the year and 180bps and 80bps over 18 months respectively

Portfolio weighted average discount rate increased 90bps in the year and 150bps over 18 months

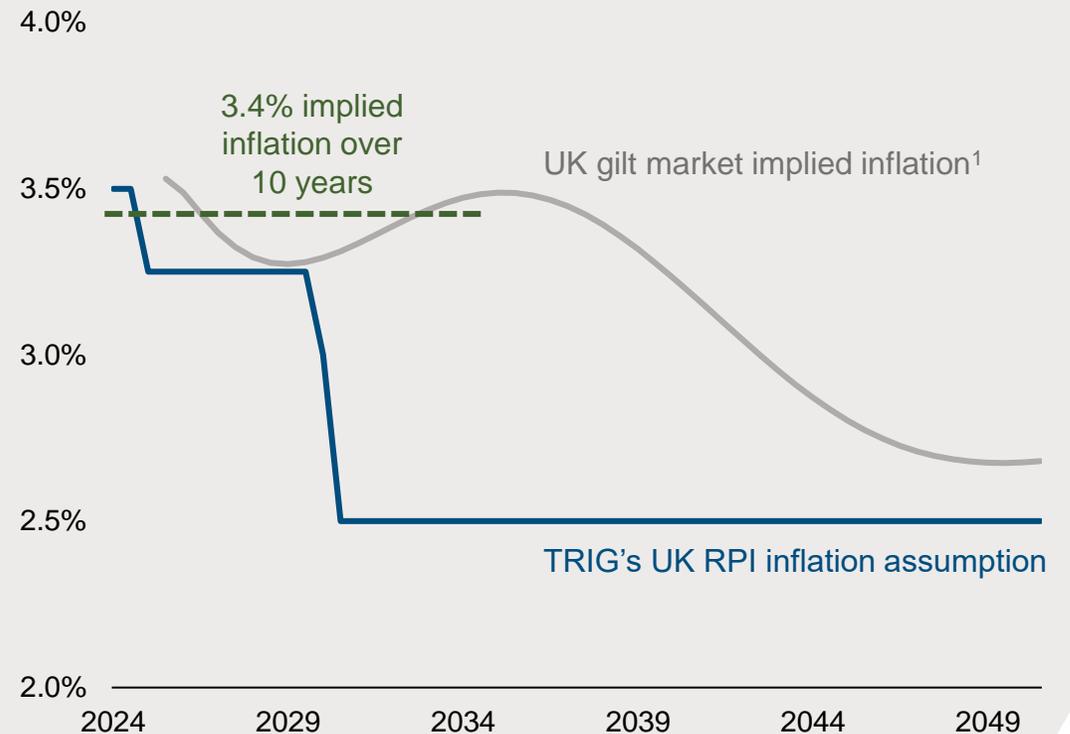
1. Benchmark interest data sourced from Bloomberg. Rates shown are risk free rates (government long-term (10-year) debt rates)

# Increased inflation assumptions

- Inflation assumption for 2024 increased by 0.75% at H1 2023, compared to FY Dec 22
- Medium and long-term UK CPI assumption increased to 2.5%
- RPI inflation implied by UK gilts appreciably higher than the valuation assumption over the long-term
- EU long-term inflation assumptions unchanged

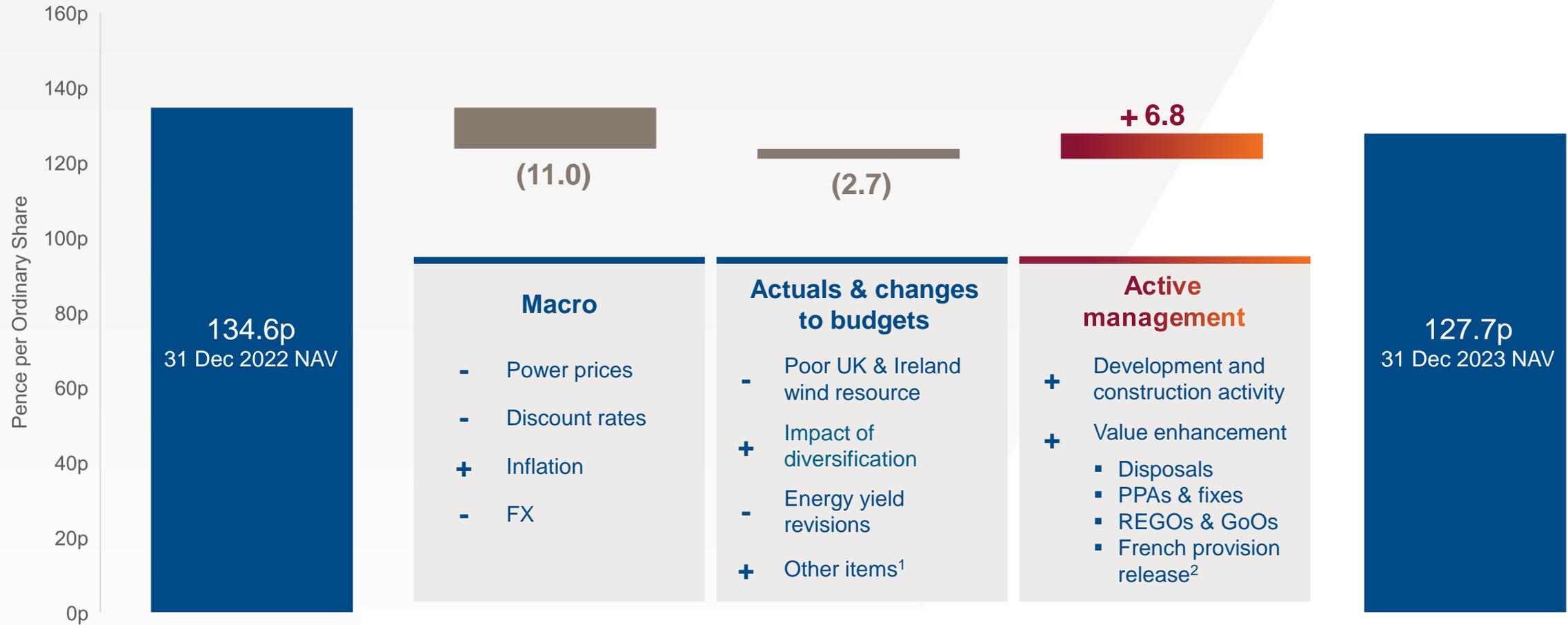
Long-term Inflation assumptions	31 Dec 2023	31 Dec 2022
UK (RPI)	<b>3.5% (2024), 3.25% to 2030, 2.5% thereafter</b>	5.00% (2023), 2.75% to 2030, 2% thereafter
UK (CPI)	<b>2.75% (2024), 2.5% thereafter</b>	4.25% (2023), 2% thereafter
UK (power prices)	<b>3.5% (2024), 3.25% to 2030, 2.5% thereafter</b>	5.00% (2023), 2.75% to 2030, 2.25% thereafter
EU	<b>2.75% (2024), 2% thereafter</b>	3.00% (2023), 2.00% thereafter

## TRIG's long term UK inflation assumption is below market implied levels



1. 20-year government bond yield and implied inflation as at 23 February 2024

# Active management has helped reduce impact of externalities



1. Includes unwind of the discount rate, other non-material valuation movements, company costs and payment of the dividend (net impact of +0.8p)

2. France has ceased action to reduce contracted solar tariffs, a provision made against TRIG's affected investments has been released

# Robust underlying portfolio performance

Key underlying portfolio metrics	2023 (£m)	2022 (£m)
Pro-forma portfolio Revenues <sup>1</sup>	<b>793</b>	838
Pro-forma portfolio EBITDA <sup>1</sup>	<b>610</b>	677
Pro-forma portfolio EBITDA Margin	<b>77%</b>	81%
Cash from projects before debt repayments	<b>558</b>	451
Cash received from projects	<b>339</b>	284
Net dividend cover	<b>1.6x</b>	1.5x

TRIG's **share of revenues** for each project in the portfolio

**Revenue less project operating costs** such as operations, maintenance, rent, business rates and insurance

EBTIDA as a percentage of total revenues

EBITDA less interest payable by projects on project finance debt, tax payments and working capital movements

**Cash from projects** of £558m **less portfolio level debt repayments** of £219m during the year

**Strong full year cover in 22 & 23**, expected to average **1.2 - 1.3x over next 5 years**. H1 2024 to be lower due to asset specific factors

1. The unaudited revenue and EBITDA figures presented are based upon the aggregation of SPV-level revenues and operating costs measured on a consistent basis across regions

# Operational Excellence

# Diversification moderated impact of weak UK & Ireland generation

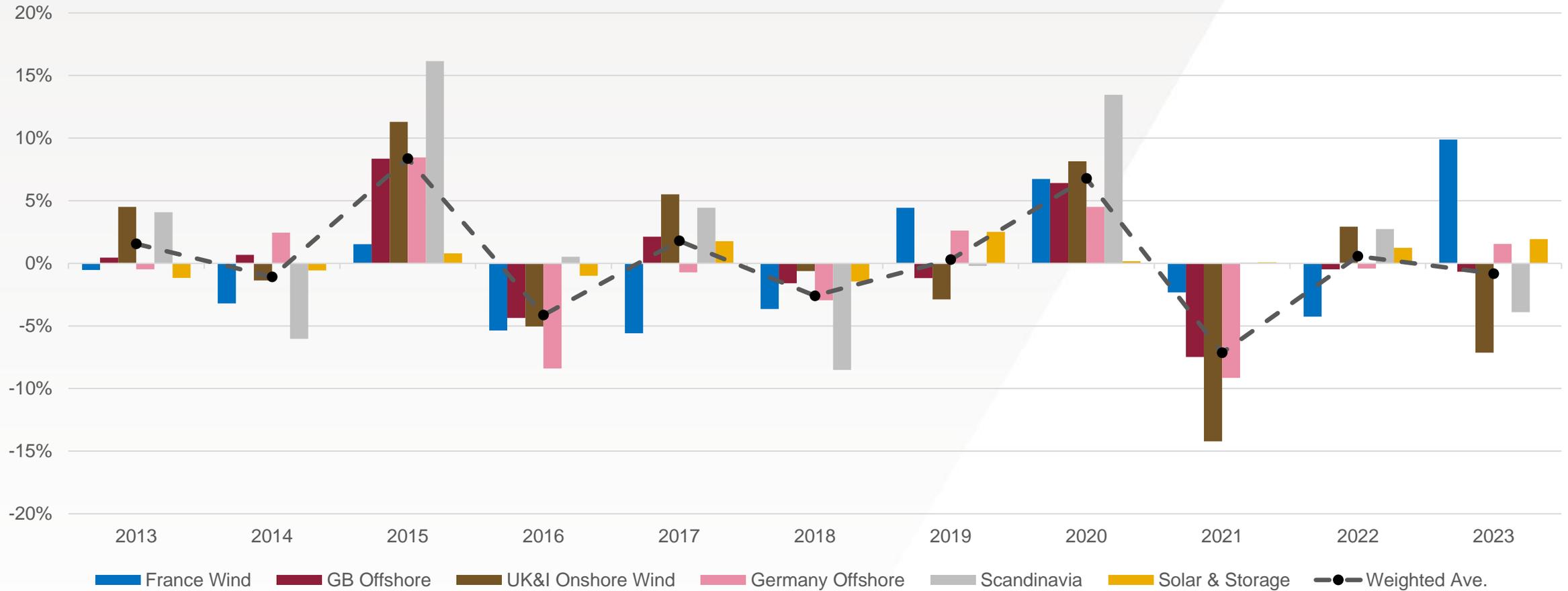
Technology	Region	2023 Electricity production (GWh) <sup>1</sup>	Performance vs. Budget
Onshore wind	UK & Ireland	1,492	-13%
	France	662	+1%
	Scandinavia	675	-12%
Offshore wind	GB	1,472	-2%
	Germany	808	-7%
Solar	GB, France, Spain	877	+1%
<b>Total generation</b>		<b>5,986</b>	<b>-6%</b>

- ▲ UK & Ireland generation 13% below budget; moderated by diversification of other regions
- ▲ Low wind speeds partially offset by above budget solar production
- ▲ Diversification enhanced with 301MW of new capacity at Cadiz and Grönhult
- ▲ Ranasjö & Salsjö well progressed
- ▲ Battery construction commencing
- ▲ Strong cash flows from high electricity pricing, offsetting below-budget generation
- ▲ Lost Time Accident Frequency Rate<sup>2</sup> of 0.09

1. Includes compensated production due to grid curtailments, and other availability warranties and insurance

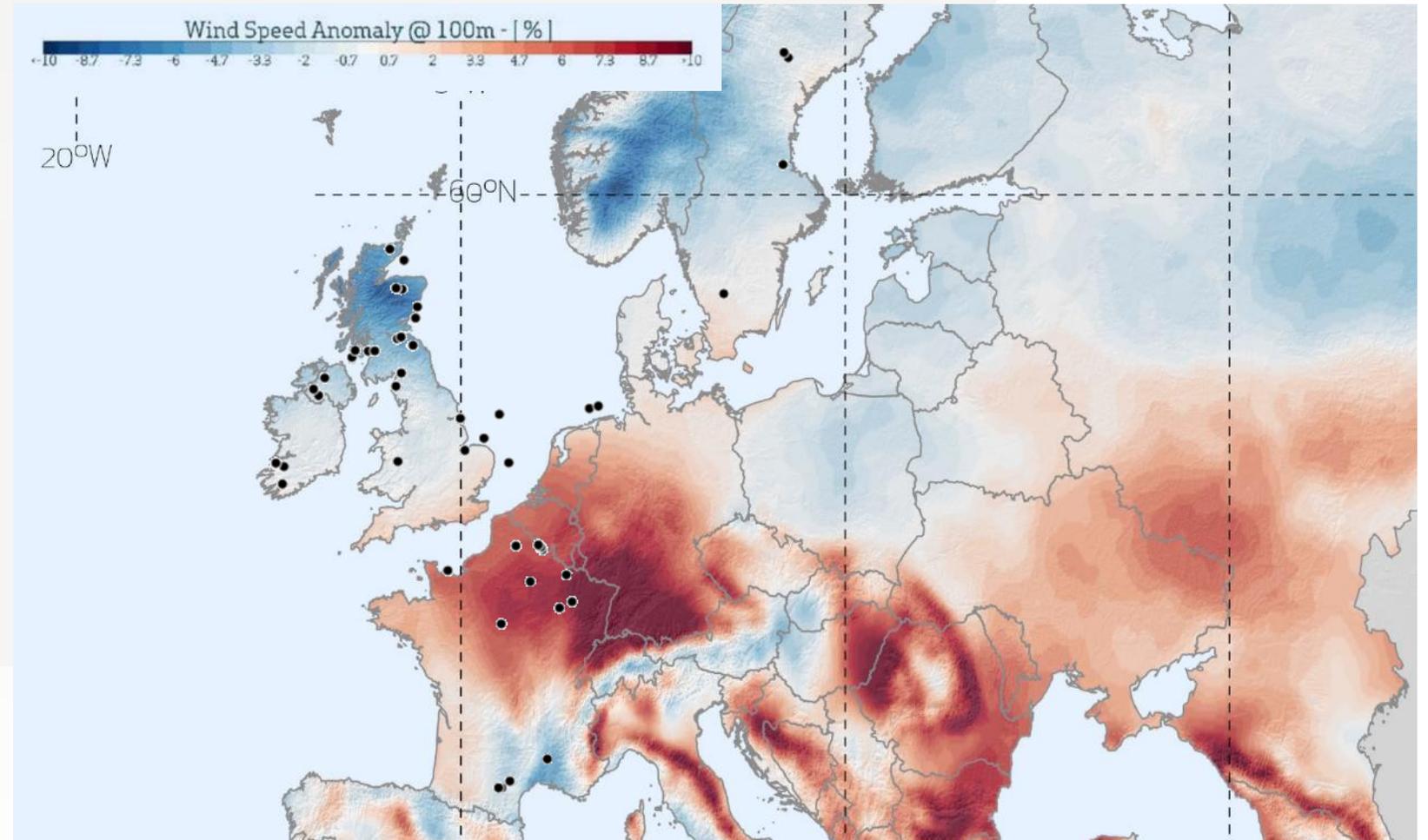
2. LTAFR is a safety at work metric which measures the number of personnel injured and unable to perform their normal duties for seven days or more, for each hundred thousand hours worked

# Wind / solar resource variation against the long-term mean



# 2023 actual wind speeds compared to the 30-year historical average

- ▲ Actual wind speed in 2023 compared to the long-term 30-year historical average
- ▲ Blue colours denote lower than average wind, red colours higher than average
- ▲ Broadly speaking, 2023 was windier in the south than the north compared to average



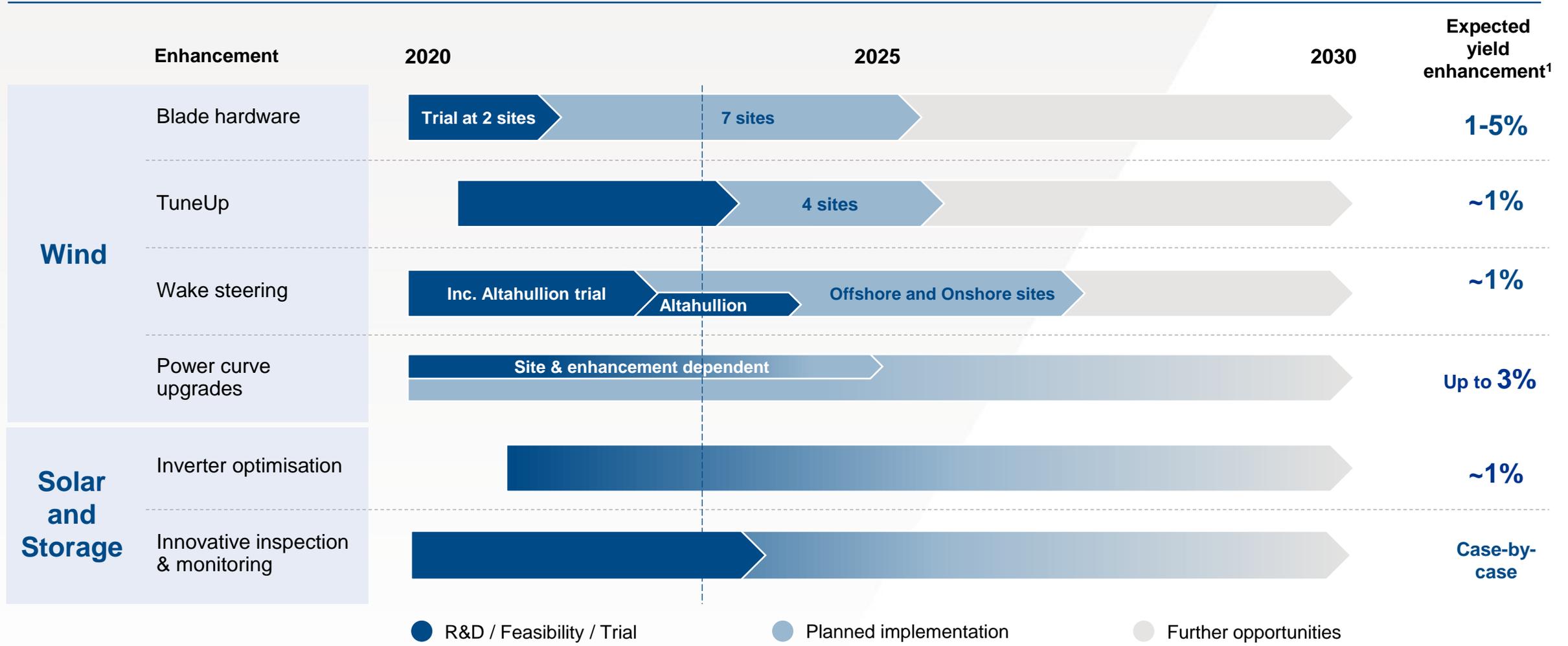
# RES's best-in-class operational expertise

- ▲ RES' pedigree in the industry and deep experience in all stages of project lifecycle provide **unparalleled capabilities**
- ▲ Drawing upon **RES' global team of specialists** across renewable and battery technologies
- ▲ **Structured framework** to identify, appraise and implement enhancements across the portfolio



# Significant pipeline of yield enhancements

Active programme of trial and implementation

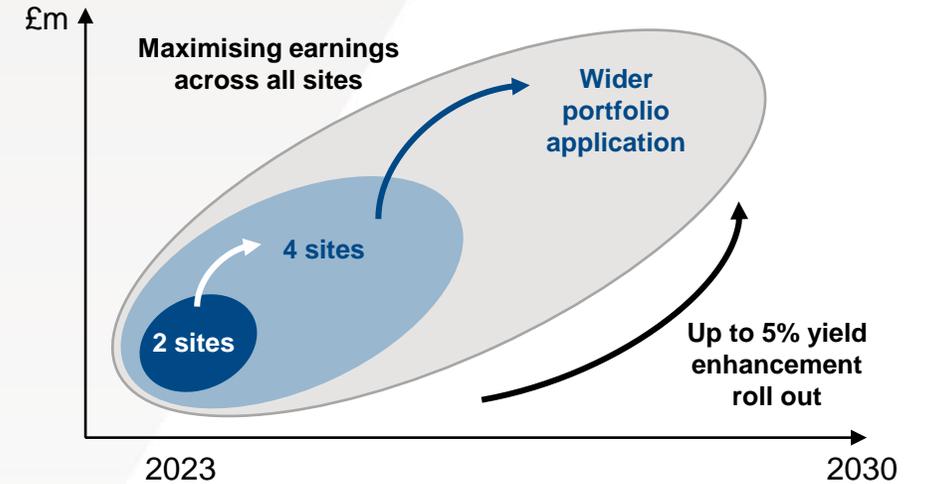


1. All yield enhancements are projections based on average return increase at trial installations or initial calculations

# Case study: AeroUp – a multi-year blade hardware roll out

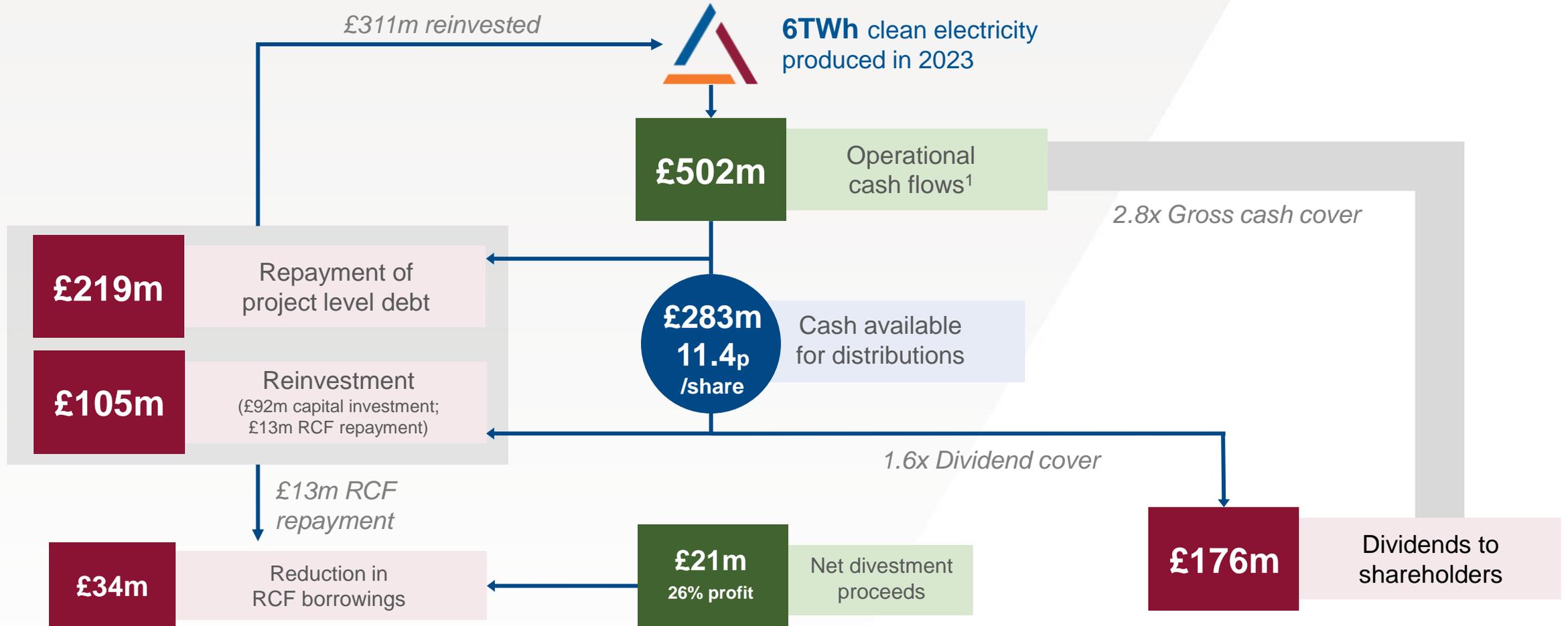
Proprietary technology delivers up to 5% yield uplift

<p><b>Innovative technologies</b></p>	<p>Motorsport inspired innovative aerodynamic technologies combined with RES' proprietary turbine controller upgrade</p>
<p><b>Targeted upgrades</b></p>	<p>Optimal upgrade combinations determined by site</p> <ul style="list-style-type: none"> <li>• <b>Gurney flaps:</b> Extended blade profile at the blade root</li> <li>• <b>Vortex generators:</b> Cleaner windflow detachment along the blade</li> <li>• <b>Winglet tips:</b> Greater wind capture &amp; reduced turbulence</li> <li>• <b>TuneUp:</b> Controller upgrade maximises new aerodynamic properties</li> </ul>
<p><b>Risk-focused structure</b></p>	<ul style="list-style-type: none"> <li>• Value &amp; risk-sharing arrangement</li> <li>• Feasibility studies, procurement &amp; installation in one package</li> <li>• Phased installation to appraise performance</li> <li>• Independent validation</li> </ul>
<p><b>Programme</b></p>	<ul style="list-style-type: none"> <li>• Trials at two sites demonstrated yield uplift of up to 5%, now fully deployed at one site</li> <li>• Phased installation on four more sites well progressed</li> <li>• Appraisal of further three sites underway</li> </ul>



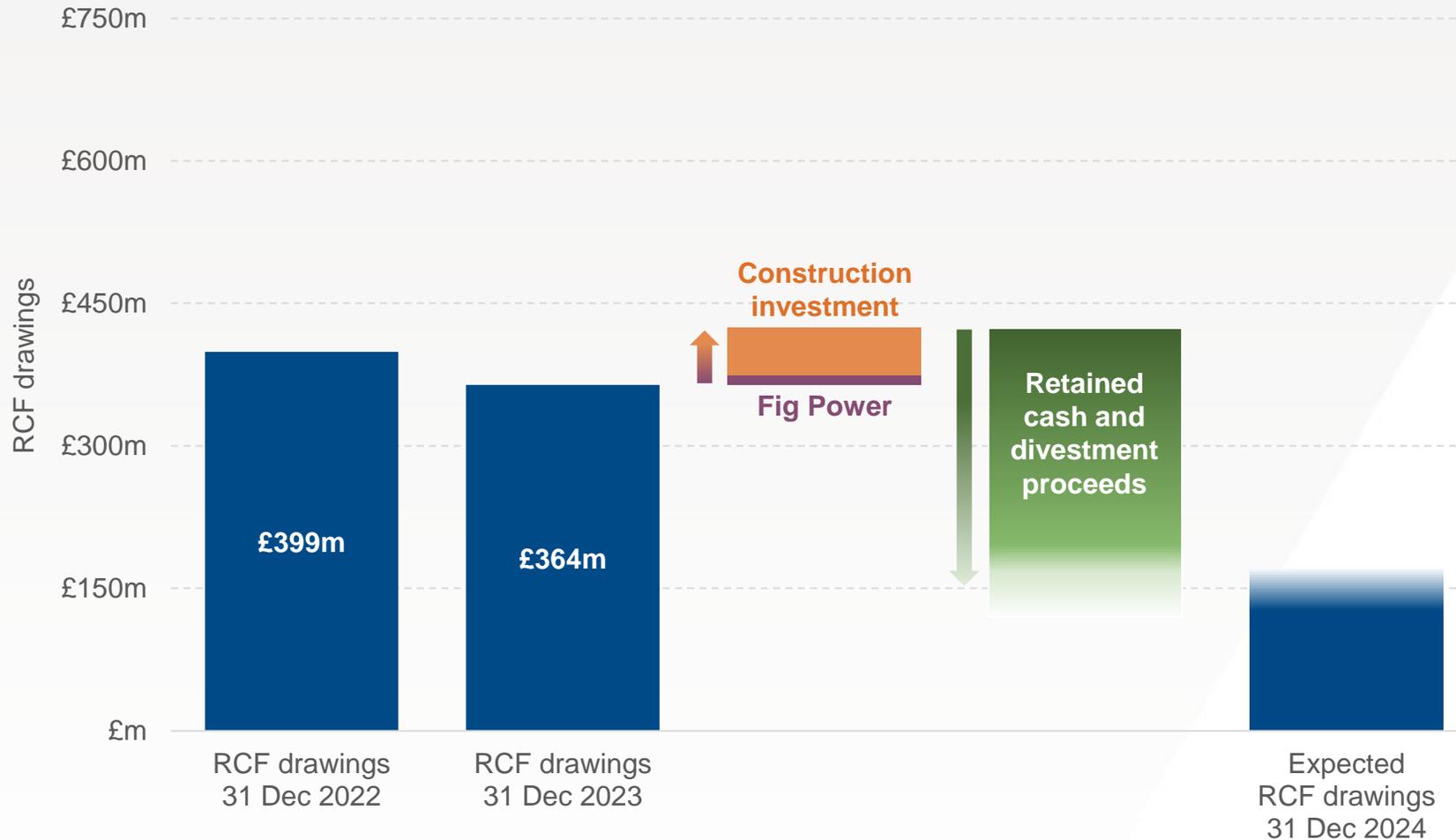
# Capital allocation

# Responsible cash flow management



1. Operational cash flow generated is reconciled to the cash flow statements as follows: Cash flow from investments £339m less Company expenses £56m plus project level debt repayments £219m

# Proactively reducing floating rate debt



**Key considerations** when allocating excess cash flows and disposal proceeds:

- ▲ Completing existing project builds
- ▲ Reducing RCF borrowings
- ▲ Accretive investments inc. share buybacks

## RCF<sup>1</sup> split by currency

	% of RCF	Rate <sup>2</sup>
EUR	32%	5.6%
GBP	68%	7.0%
<b>Blended</b>	-	<b>6.6%</b>

1. TRIG has a £750m revolving credit facility ("RCF") at fund level which has a three-year term and expires on 31 December 2025

2. Margin is 1.8% (reduced from 1.85% as ESG KPIs have been achieved). Euro drawings are charged at Euribor + margin. Sterling drawings charged at SONIA + margin

## Portfolio rotation a key tool of active management

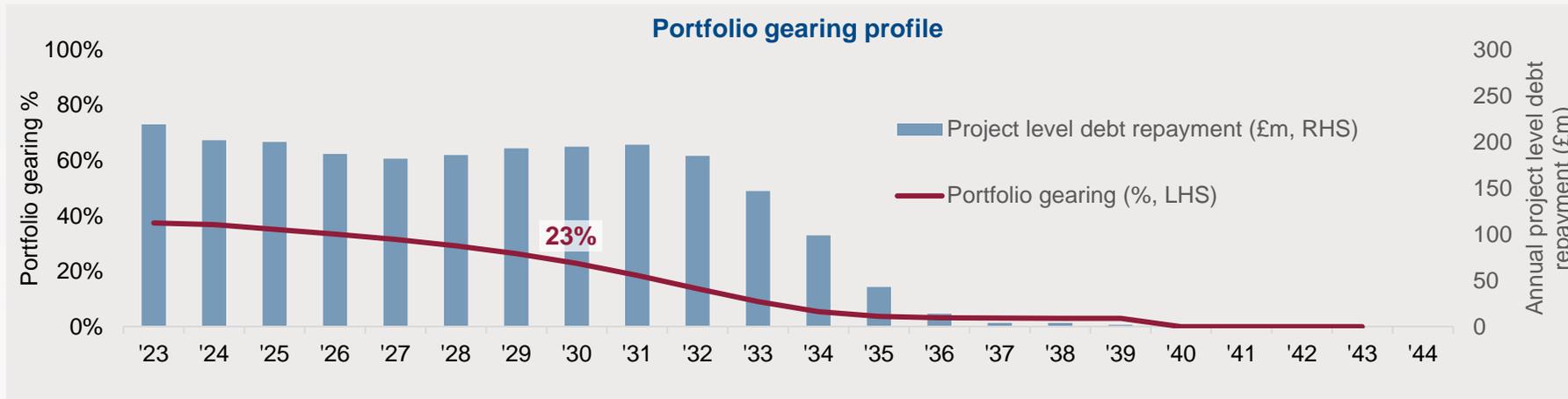
- ▲ Identifying disposals takes into account the impact on the overall portfolio
- ▲ During the period, sale of three onshore wind assets completed at a 26% premium to carrying value
- ▲ Further divestments being negotiated



## Portfolio construction considerations

<b>Revenue diversification</b>	Mix of revenue types (indexed, fixed, merchant) key to portfolio sensitivities
<b>Technology diversification</b>	Varying yield profiles important to reduce overall risk on energy yield
<b>Geographic diversification</b>	Different power markets, regulatory risk frameworks and weather regimes diversify risk
<b>Operational considerations</b>	Asset performance, age and end-of-life optionality important to longevity of cash flows

# Clear visibility on reducing gearing profile

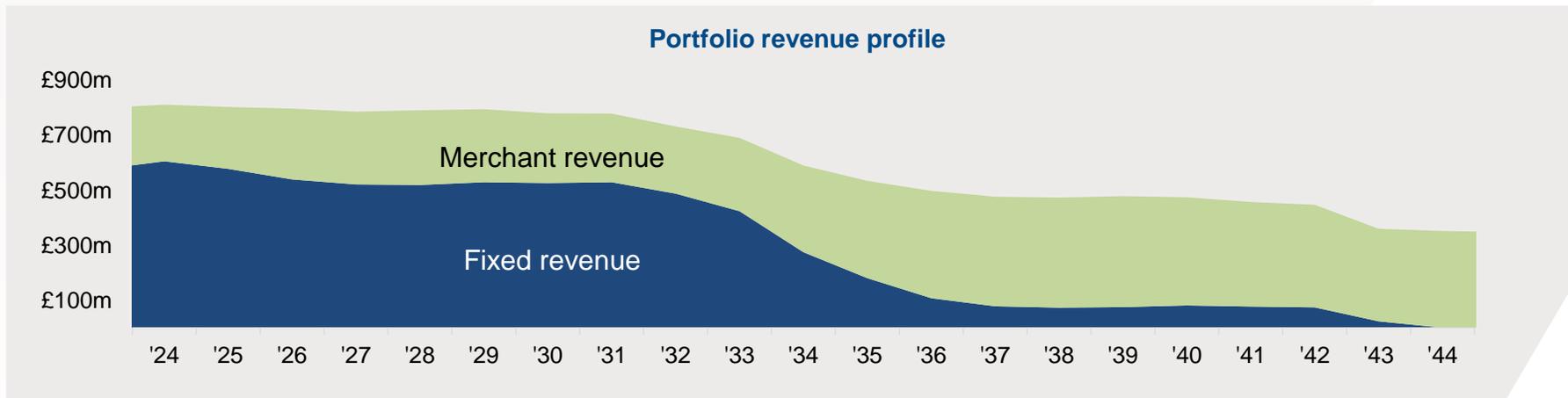


**37%**  
portfolio gearing

**3.5%**  
average interest rate

**£131m**  
Investment commitments<sup>1</sup>

**38%**  
of portfolio ungeared



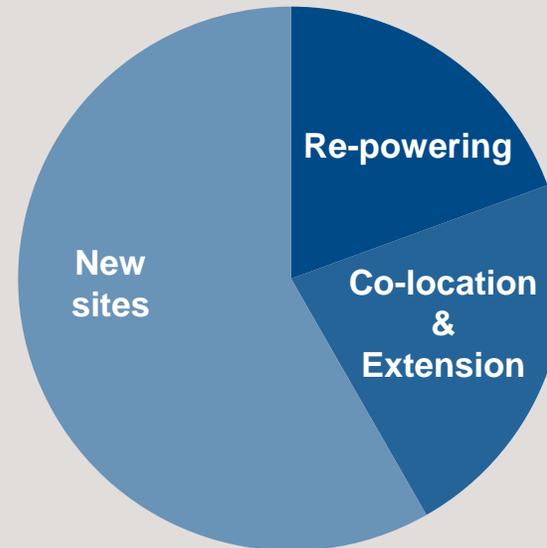
1. Broken down by expected due date: 2024 £60m; 2025: £71m

# Responsible Investment

# Pipeline provides significant growth opportunity

**1GW**

**Exclusive development opportunities to 2030**



Development activities typically offer double digit returns

Creating value through sale or hold optionality

# Strategic drivers for TRIG's platform investment in flexible capacity

## Enhances diversification; complementary technology

- ▲ Enhances revenue diversification
- ▲ Benefits from increased renewables penetration
- ▲ Batteries have a volatility premium, which is managed within a diversified portfolio
- ▲ Potential for wider development activities, including solar

## Development is an attractive entry point

- ▲ Platforms bring dedicated development capability and pipeline
- ▲ Projects are developed and built at cost
- ▲ Potential for platform value
- ▲ Significant management expertise in flexible capacity platforms and operations at InfraRed and RES



## The UK is a leading market; Europe emerging

- ▲ Increasing renewables penetration & limited low carbon alternatives drives fundamentals
- ▲ Key role in grid stabilisation & load shifting

## Strong risk-adjusted returns

- ▲ Investing at the development stage brings further de-risking premium
- ▲ Investment optionality to build projects ourselves or divest and crystallise development premia
  - ▲ Return expectations significantly ahead of portfolio average

# Fig Power - an exciting growth driver

- ▲ Fig Power was chosen following a process screening 50+ developers, including the detailed evaluation of 10 opportunities
- ▲ 100% ownership of a Bristol-based development platform
- ▲ An 11-person team with deep experience in battery storage and energy generation, and a robust approach to site selection
- ▲ Optionality to optimise value between build-out and pre-construction sale
- ▲ Limited risk exposure with an expected investment of £20m over the next two years and self-funding from divestments thereafter
- ▲ Return expectations are 20%+ IRR on initial investment<sup>2</sup>, significantly ahead of TRIG's portfolio discount rate



**400MW**

Advanced development  
batteries pipeline

**1.3GW**

Additional exclusive  
long-term batteries  
pipeline

**c. 2.3GW**

Further solar and battery  
possibilities through  
proprietary relationships

1. Most progressed 15 sites shown on map, 1.7GW represents the advanced and exclusive pipeline  
2. There can be no assurance that targets will be met or that the Company will make any distributions, or that investors will receive any return on their capital. Capital and income at risk

# Concluding Remarks

## Favourable fundamentals

- ▲ **Decarbonisation** and **energy security** provide supportive policy backdrop
- ▲ Diverse exposure to **mature renewables markets** with well-established regulatory frameworks

## Responsible investment

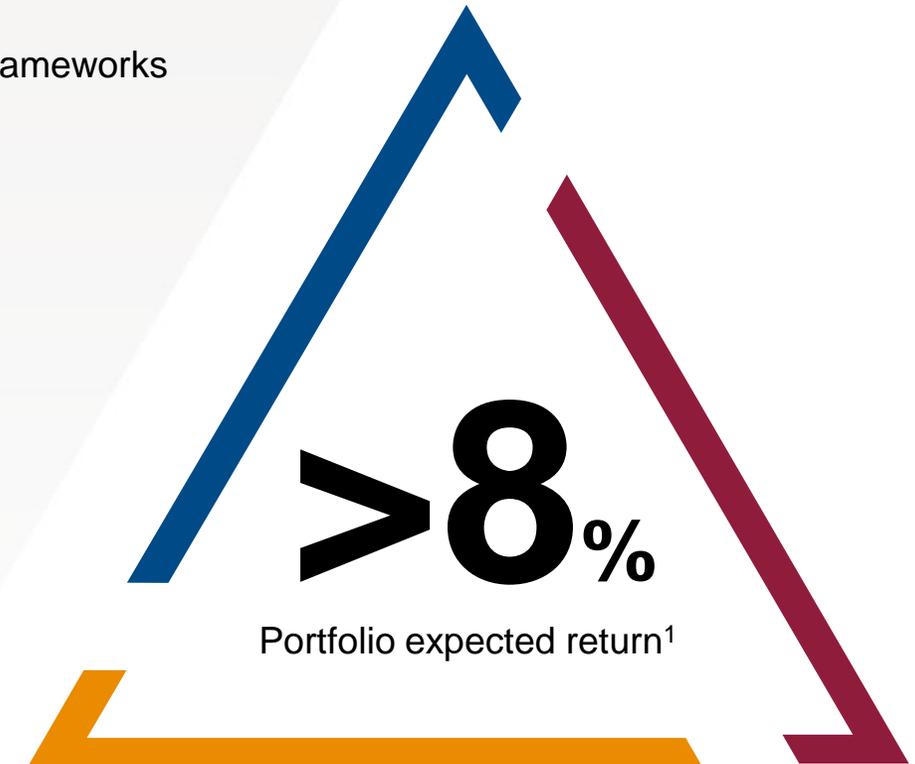
- ▲ **Experienced management team** and robust investment framework
- ▲ Approach to capital allocation that **prioritises durable balance sheet**

## Balanced portfolio

- ▲ **Broad remit** allows us to be highly selective resulting in a **diversified portfolio with scale**
- ▲ New investment made at **double digit returns**

## Operational excellence

- ▲ **Innovative mind-set** focused on yield enhancement
- ▲ **Long-term approach** to O&M prioritises end of life optionality



# Appendices

# Summary 2023 Financial Statements

Income Statement	Year to 31 December 2023 £m	Year to 31 December 2022 £m
Total operating income	36.1	598.6
Acquisition and disposal costs	(0.8)	(2.6)
<b>Net operating income</b>	<b>35.3</b>	<b>596.0</b>
Fund expenses	(35.6)	(29.4)
Foreign exchange gain/(loss)	34.8	(36.4)
Finance costs	(28.7)	(9.5)
<b>Profit before tax</b>	<b>5.8</b>	<b>520.7</b>
Earnings per share <sup>1</sup>	0.2p	21.5p
Ongoing Charges	1.04%	0.93%

Balance Sheet	As at 31 December 2023 £m	As at 31 December 2022 £m
Portfolio value	3,509.1	3,737.0
Working capital	(4.1)	(3.6)
Hedging asset/(liability)	15.1	(17.5)
Debt	(364.2)	(398.5)
Cash	18.4	25.3
<b>Net assets</b>	<b>3,174.3</b>	<b>3,342.7</b>
<b>NAV per share<sup>1</sup></b>	<b>127.7p</b>	<b>134.6p</b>
Shares in issue	2,485.1m	2,483.6m

Cash Flow Statement	Year to 31 December 2023 £m	Year to 31 December 2022 £m
Cash from investments	338.5	283.7
Operating and finance costs	(55.8)	(35.0)
<b>Distributable cash flows</b>	<b>282.7</b>	<b>248.7</b>
Debt arrangement costs	(6.4)	(0.3)
FX (loss)/gain	(2.0)	5.3
Equity issuance (net of costs)	-	274.3
Acquisition facility (repaid)/drawn	(34.3)	325.7
Funding of investments (incl. costs)	(91.7)	(696.4)
Divestments (incl. costs)	21.0	-
<b>Dividends paid</b>	<b>(176.2)</b>	<b>(160.5)</b>
<b>Cash movement in period</b>	<b>(6.9)</b>	<b>(3.2)</b>
Opening cash balance	25.3	28.5
<b>Net cash at end of period</b>	<b>18.4</b>	<b>25.3</b>
<b>Pre-amortisation cover</b>	<b>2.8x<sup>2</sup></b>	<b>2.6x</b>
<b>Cash dividend cover</b>	<b>1.6x</b>	<b>1.55x</b>

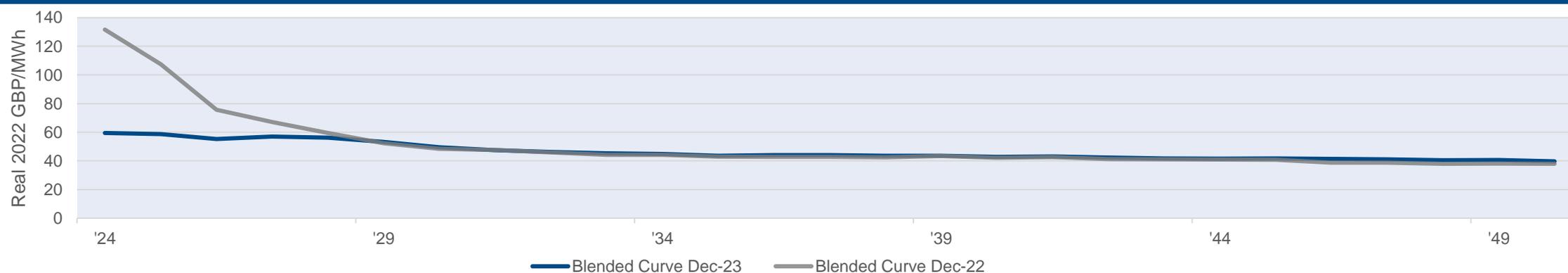
1. Calculated based on the weighted average number of shares during the year being 2,485.1 million shares.

2. In 2023, scheduled project level debt of £219m was repaid. (The pre-amortization dividend cover is calculated as (£282.7m + £219m) / (£176.2m)).

# Valuation – key assumptions

		As at 31 December 2023	As at 31 December 2022
<b>Discount Rate</b>	Portfolio average	8.1%	7.2%
<b>Power Prices</b>	Weighted by market	Based on third party forecasts	Based on third party forecasts
<b>Long-term Inflation<sup>1</sup></b>	UK (RPI)	3.5% (2024), 3.25% to 2030, 2.5% thereafter	5.00% (2023), 2.75% to 2030, 2% thereafter
	UK (CPI)	2.75% (2024), 2.5% thereafter	4.25% (2023), 2% thereafter
	UK (power prices)	3.5% (2024), 3.25% to 2030, 2.5% thereafter	5.00% (2023), 2.75% to 2030, 2.25% thereafter
	EU	2.75% (2024), 2% thereafter	3.00% (2023), 2.00% thereafter
<b>Foreign Exchange</b>	EUR / GBP	1.1535	1.1304
<b>Asset Life</b>	Wind portfolio, average	31 years	31 years
	Solar portfolio, average	39 years	39 years

### TRIG blended power curve<sup>2</sup>



1. A change in the long-term inflation assumption would be equivalent to a similar (but inverse) change in the valuation discount rate

2. Power price forecasts used in the Directors' valuation for each of GB, the Irish Single Electricity Market, France, Germany, Sweden and Spain are based on analysis by the Investment Manager using data from leading power market advisers. In the illustrative blended price curve, the power price forecasts are weighted by P50 estimates of production for each of the projects in the Company's 31 December 2023 portfolio. Forecasts are shown net of assumptions for PPA discounts and cannibalisation. Cannibalisation assumptions typically range from 15% to 40% across jurisdictions and markets

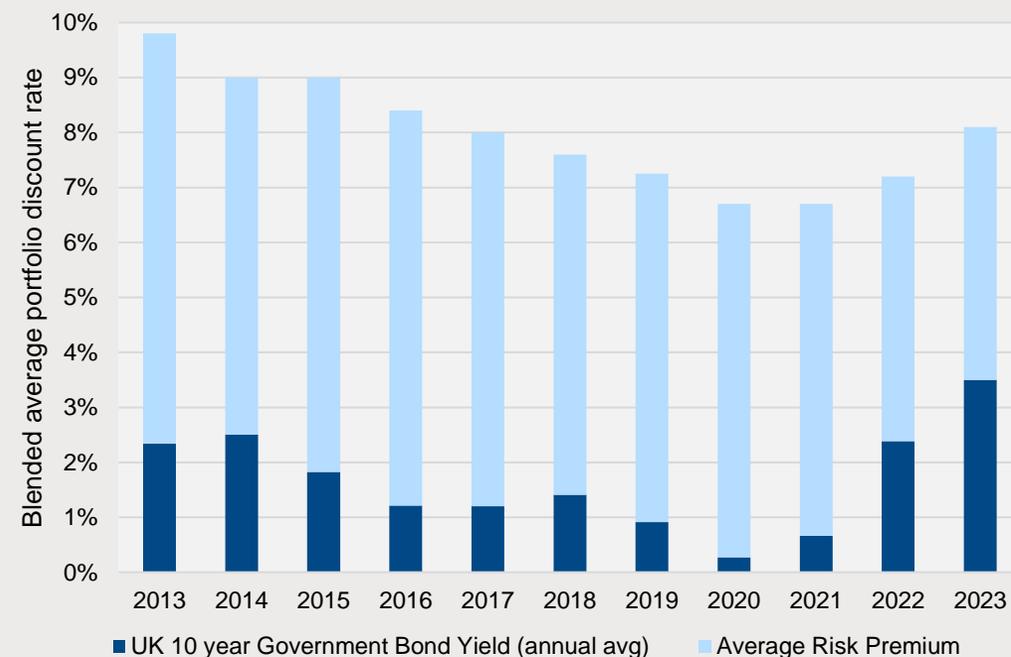
# Government bond yield and portfolio discount rate analysis

Benchmark government bond yields <sup>1</sup>	31 Dec 2022	31 Dec 2023	23 Feb 2024
UK	3.7%	3.5%	4.1%
EU markets weighted average	2.9%	2.3%	2.7%
<i>Germany</i>	2.6%	2.0%	2.5%
<i>France</i>	3.1%	2.6%	2.9%
<i>Ireland</i>	3.1%	2.4%	2.9%
<i>Sweden</i>	2.5%	2.1%	2.5%
<i>Spain</i>	3.7%	3.0%	3.4%

Breakdown of TRIG's valuation discount rate <sup>1</sup>	31 Dec 2022	31 Dec 2023	23 Feb 2024
Weighted average risk-free rate	3.3%	3.1%	3.6%
Implied risk premium	3.9%	5.0%	4.5%
Weighted average portfolio discount rate	7.2%	8.1%	8.1%

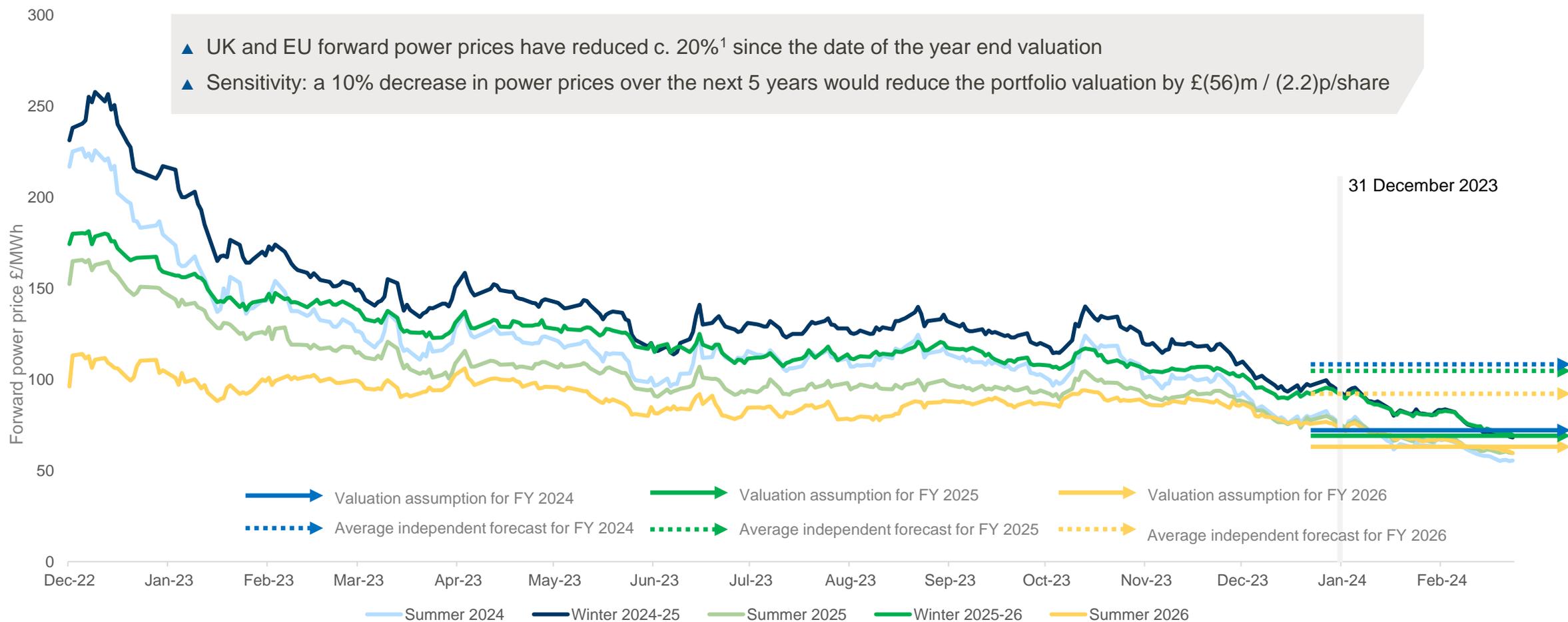
## Portfolio discount rate compared to UK Govt 10yr gilt yield<sup>1</sup>



1. Benchmark interest data sourced from Bloomberg



# GB forward power prices 2024-2026



Source: Argus Media and InfraRed analysis  
 Forward prices are base load and hence do not include cannibalisation or PPA discounts.  
 1. As at the end of February 2024

# Cannibalisation assumptions

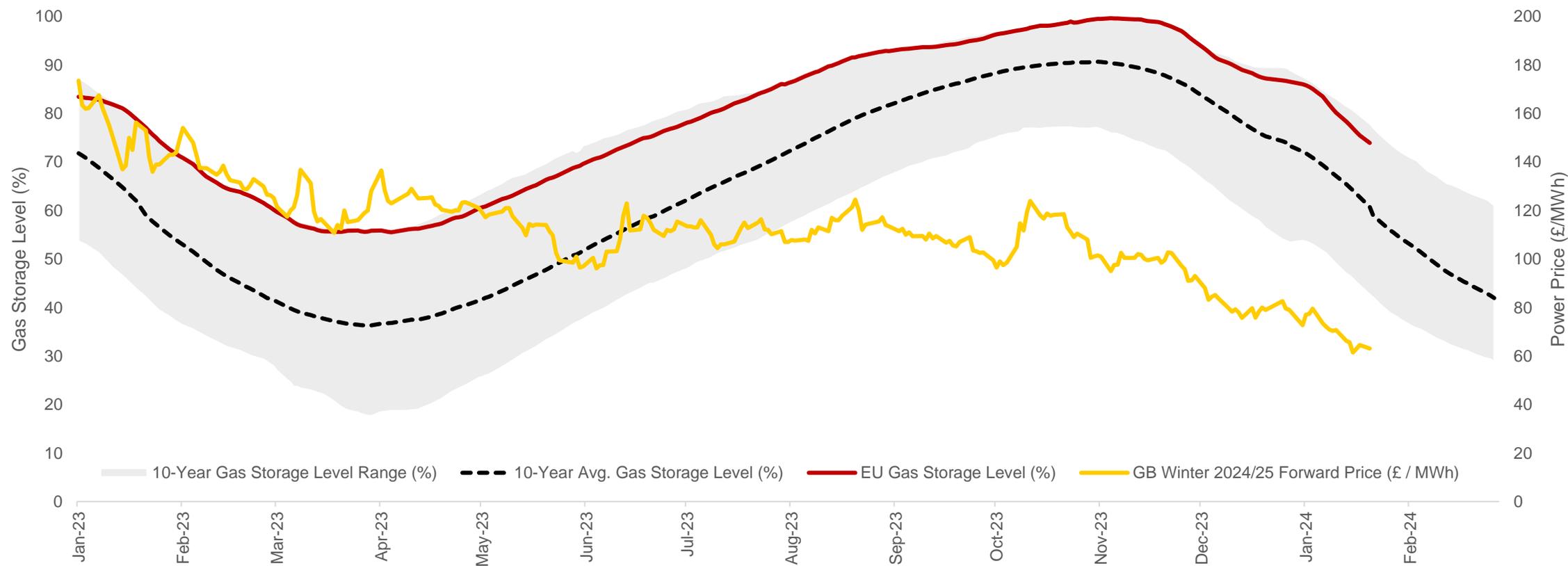
- ▲ Cannibalisation is the effect whereby renewable power generators typically earn less than the average wholesale power price
- ▲ This table shows the average cannibalisation assumption across the largest portfolio segments

Segment	% 31 December 2023 portfolio value	Average cannibalisation assumption
GB onshore	26%	-22%
GB offshore	24%	-19%
Germany offshore	10%	-19%
Sweden onshore	13%	-16%
Spain solar	7%	-40%
Blended portfolio		<b>-20%</b>

# The variability of power prices

Weather-driven gas supply and demand heavily influence near-term power prices

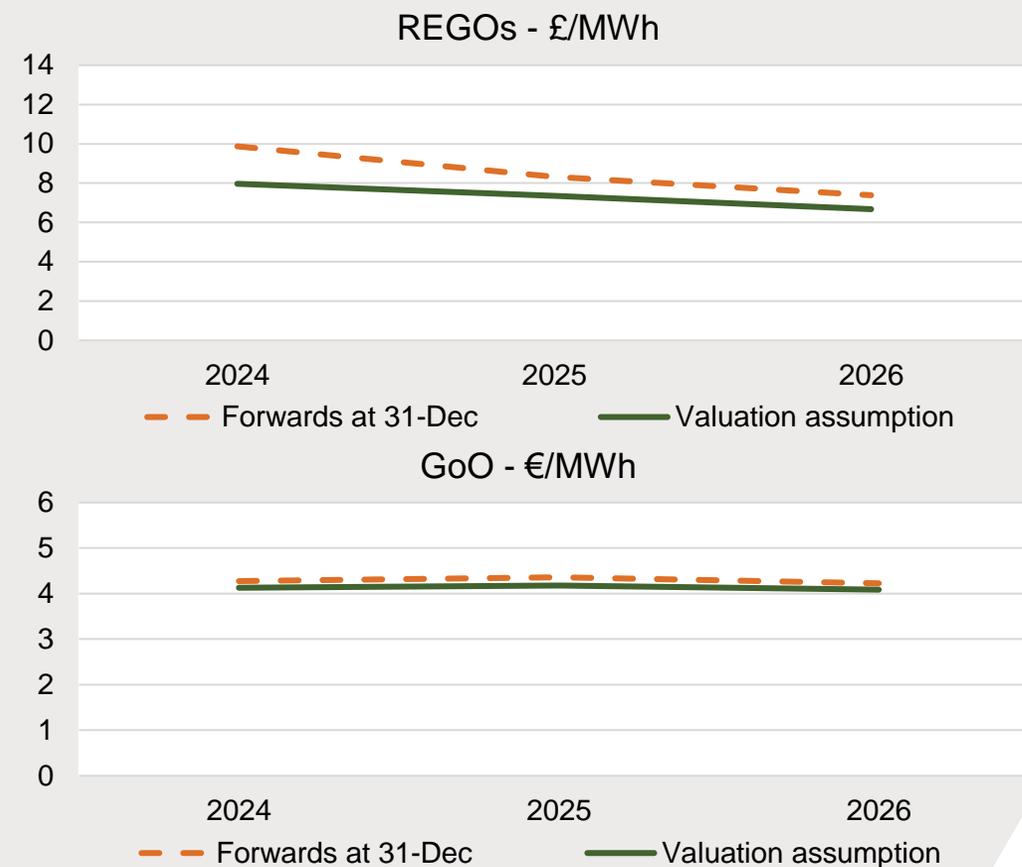
- ▲ Gas supply and demand moves with storage targets and weather conditions, and is heavily influencing power prices for markets where gas is the price setter (such as GB)
- ▲ Other factors that impact the GB power price include demand reduction, generation plant availability and global LNG demand



# Renewable Energy Guarantee of Origin certificates

- ▲ REGOs (Renewable Energy Guarantees of Origin) in the UK and GoOs (Guarantee of Origin) are certificates which are intended to demonstrate that electricity is from renewable sources
- ▲ REGO and GoO pricing remained elevated through 2023
- ▲ Average 15% discount to forwards pricing assumed for REGOs and 5% discount for GoOs reflecting relative volatility
- ▲ Post 2026 lower level of c. £2 assumed
- ▲ Managers have actively reviewed contracts to ensure better prices secured on an asset-by-asset basis

## Guarantees of Origin certificate assumptions



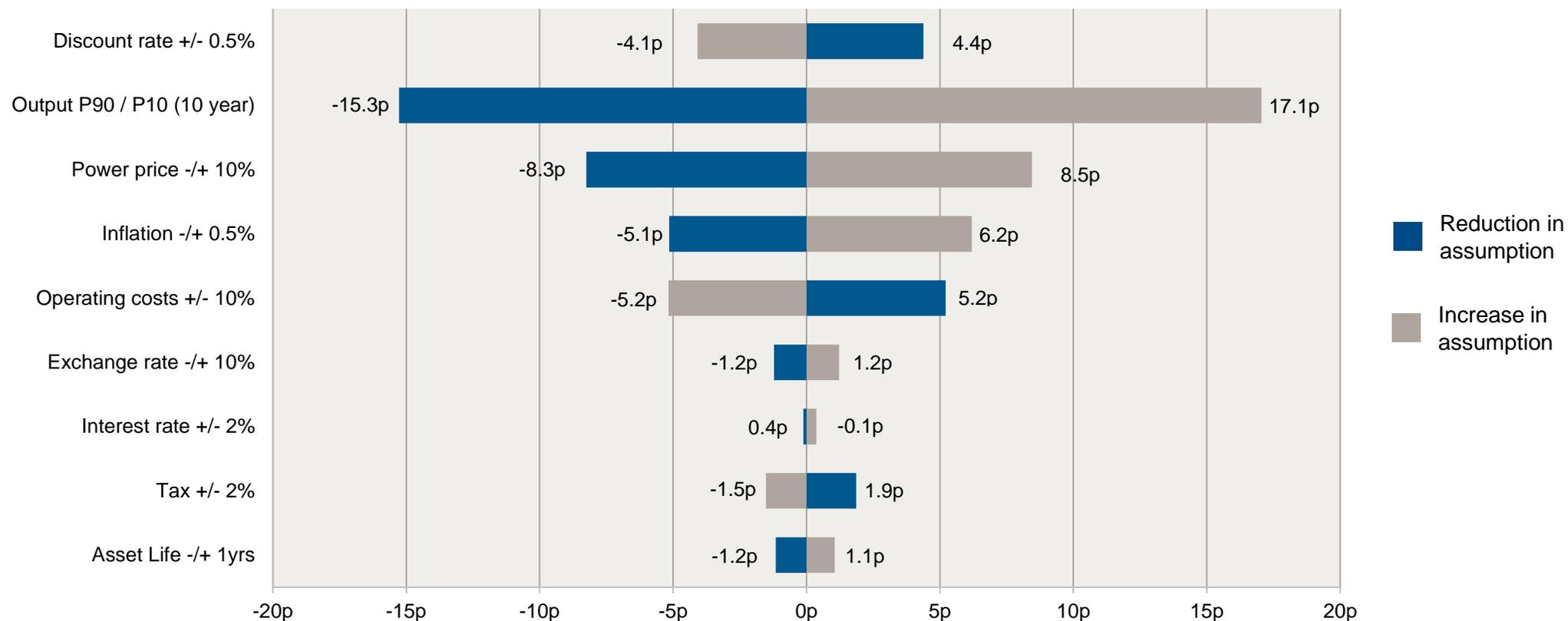
# Power price forecasting – GB power forecast

Valuation based on the range provided by mainstream forecasters



# NAV sensitivities

Based on portfolio at 31 December 2023



## Sensitivity effect on NAV per share as at 31 December 2023

(pence labels represent sensitivity effect on fully invested portfolio value of £3,509m, including outstanding commitments)

Inflation rate sensitivity assumes that power prices move with inflation as well as subsidies that are indexed

Exchange rate sensitivity relates to the direct sensitivity of exchange rates changing, not the indirect movement relating to exposure gained through power prices

# Approach to gearing

## Disciplined approach

### Term Project Debt

- ▲ Limited to 50% of portfolio enterprise value
- ▲ Fully amortising within the subsidy period
- ▲ Limited exposure to interest rate rises
- ▲ Average cost of debt c. 3.5%

Project Category (Younger = <10yrs)	TRIG's portfolio at 31 Dec 2023		
	Average gearing <sup>1</sup>	% of portfolio	# of projects <sup>2</sup>
Younger projects	c.55%	39%	14
Older projects	c.35%	22%	47
Ung geared projects	0%	38%	28
	<b>37%</b>		<b>89</b>

### Short-term Revolving Credit Facility

- ▲ Limit to 30% portfolio value (~15% enterprise value if projects 50% geared)
- ▲ £750m committed, three-year, ESG-linked revolving credit facility, expires December 2025
- ▲ 180-190bps over SONIA<sup>3</sup>, depending on performance against ESG targets

	Amount drawn at 31 Dec 2023	% of Portfolio Value
Revolving Credit Facility	£364m	10%

### Revolving credit facility performance measures

Type	Target
Environmental	Increase in the number of homes powered by clean energy
Social	Increase in the number of community funds supported
Governance	Maintaining a low Lost Time Accident Frequency Rate

1. Gearing expressed as debt as percentage of enterprise value

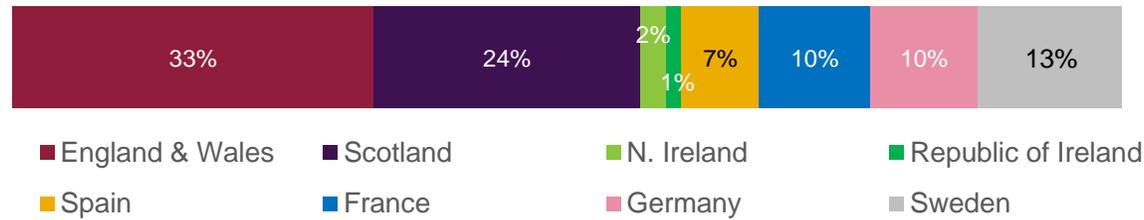
2. Invested projects at 31 December 2023

3. 180-90bps over EURIBOR where drawings are in Euros



# Diversified portfolio across geographies and technologies

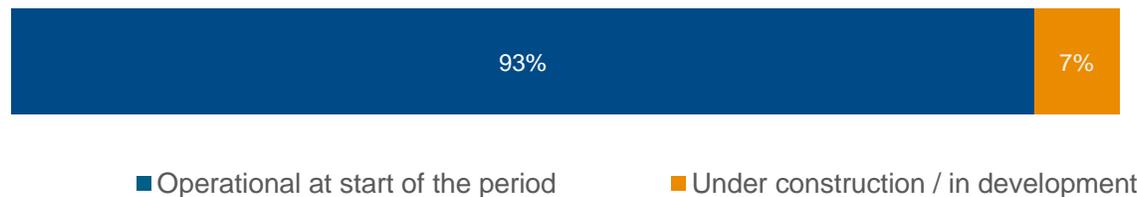
**Diversification across multiple countries<sup>1,2,3</sup>**



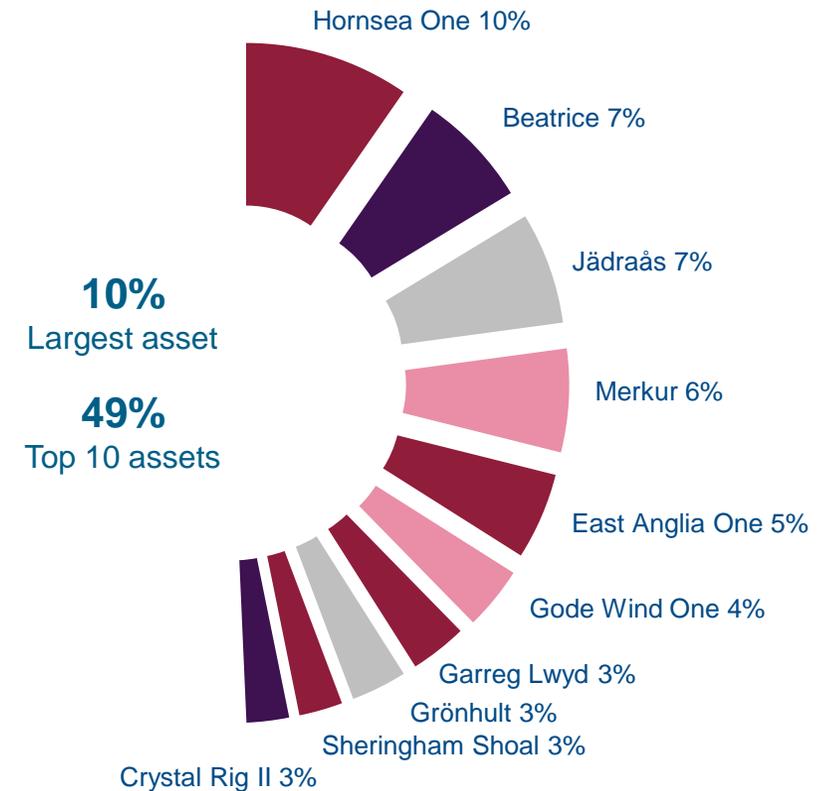
**Established technologies<sup>2,5</sup>**



**c.300MW new capacity commissioned in 2023<sup>2</sup>**



**Low single asset concentration<sup>2,4,5</sup>**



1. Northern Ireland and the Republic of Ireland form a Single Electricity Market, distinct from that operating in Great Britain  
 2. Segmentation by portfolio value as at 31 December 2023 on a committed basis  
 3. Scottish ROC projects represent half of the 24% of the portfolio in Scotland  
 4. Colours indicate jurisdiction / power market  
 5. Does not cast due to rounding

# Portfolio breakdown

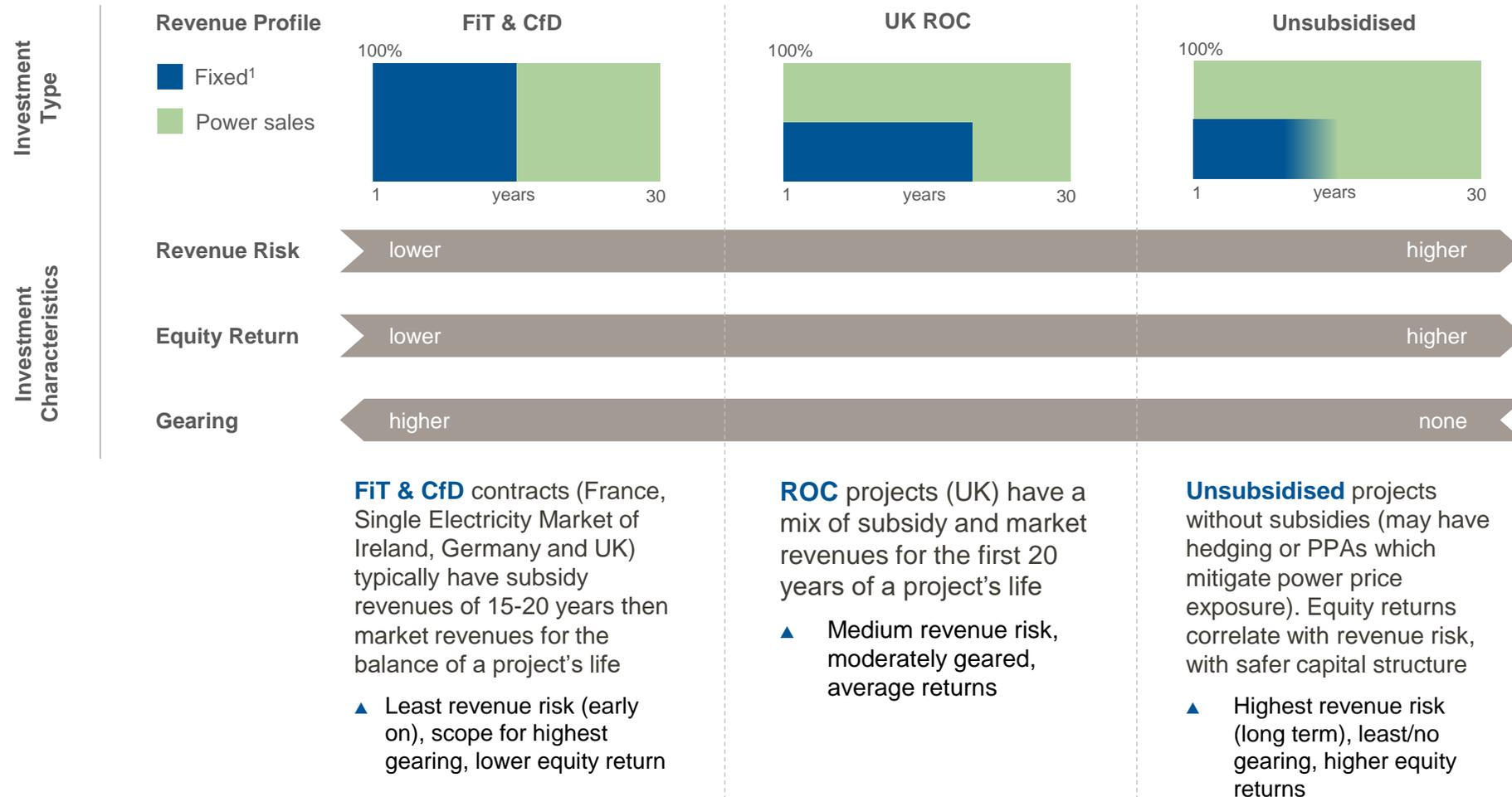
Across technologies and geographies

	England & Wales	Scotland <sup>1</sup>	N. Ireland	UK subtotal	Ireland	Sweden	France	Germany	Spain	Total per technology
Onshore Wind	6%	17%	2%	26%	1%	13%	8%	-	-	<b>48%</b>
Offshore Wind	17%	7%	-	24%	-	-	-	10%	-	<b>34%</b>
Solar	4%	-	-	4%	-	-	2%	-	7%	<b>13%</b>
Battery Storage	5%	-	-	5%	-	-	-	-	-	<b>5%</b>
<b>Total per country</b>	<b>33%</b>	<b>24%</b>	<b>2%</b>	<b>59%</b>	<b>1%</b>	<b>13%</b>	<b>10%</b>	<b>10%</b>	<b>7%</b>	100%

1. Does not cast due to rounding

# Constructing a balanced portfolio

Understanding the range of revenue types available for wind and solar generation

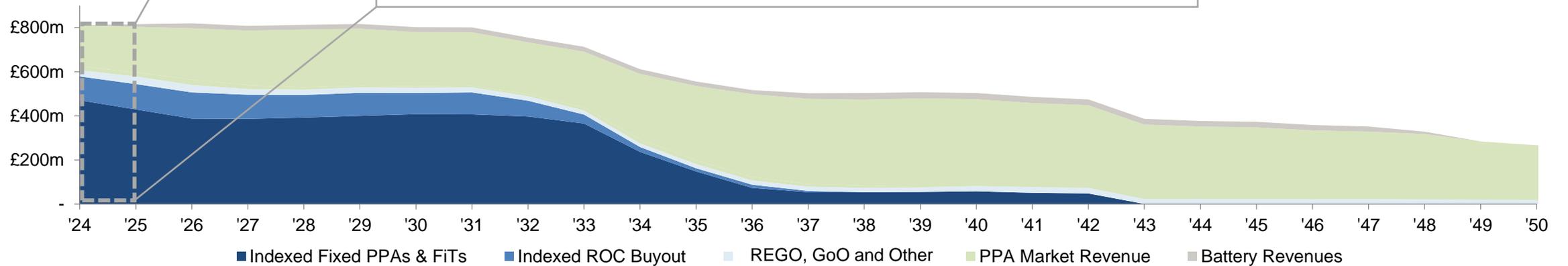
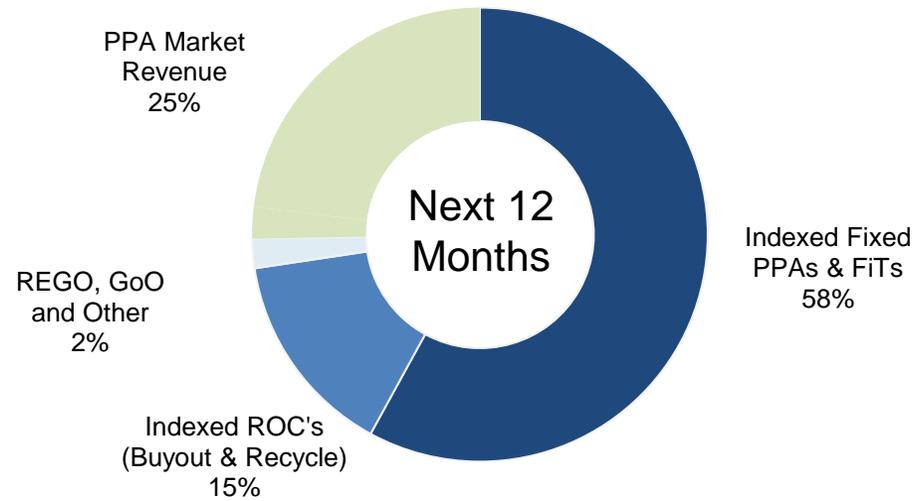


# Revenue profile

Medium-term project-level revenues mainly fixed and indexed



Breakdown of forecast revenues over the next 12 months



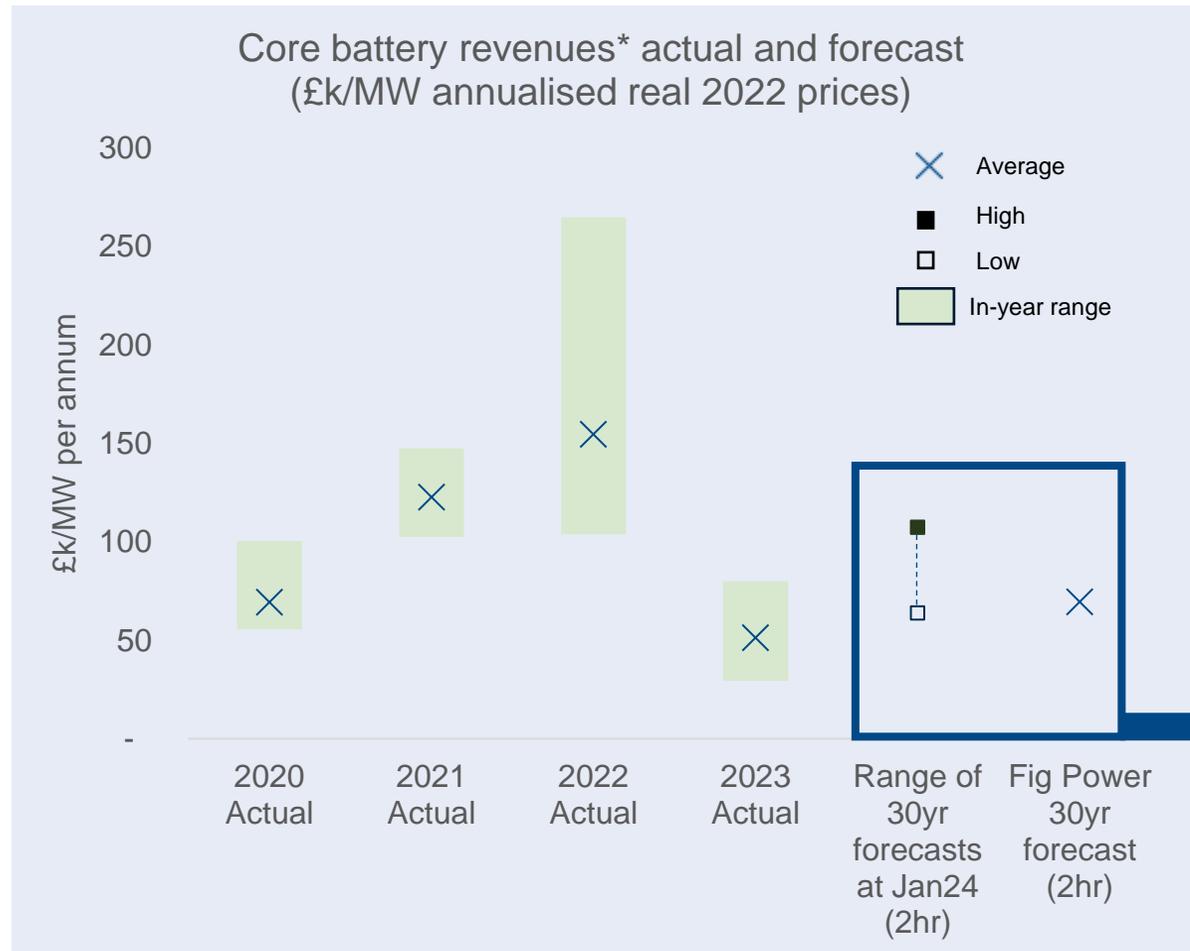
1. Project revenue expected for 12 months from 1 January 2024 to 31 December 2024 based on portfolio at 31 December 2023 plus commitments

# Introduction to battery storage revenues

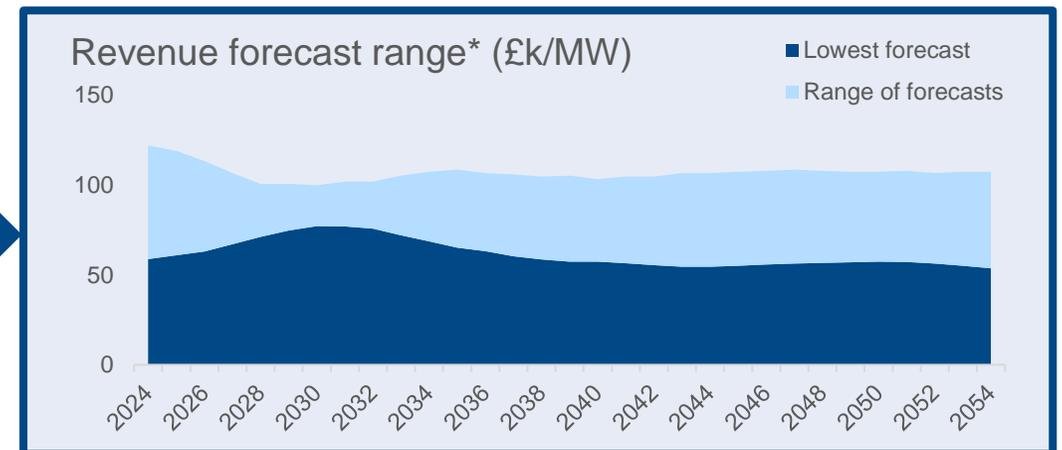
- ▲ Batteries capture value through their ability to respond to the needs of increasingly intermittent electricity systems. In practice, this means that the primary revenue drivers for battery assets are a function of power price volatility or through the provision of services to electricity system operators to maintain the stability of electricity networks
- ▲ The business case for batteries can be divided into four key revenue streams:

Route-to-market options	Purpose
<b>Arbitrage</b> <ul style="list-style-type: none"> <li>▪ Wholesale markets</li> <li>▪ Balancing Mechanism</li> </ul>	Battery charges at times of low prices / long supply and discharges at high prices / low supply, capturing a spread margin  Driven by volatility and increasingly intermittent renewables system
<b>Ancillary services</b>	Services procured by electricity system operators to maintain the frequency and voltage stability on the electricity network  Finite market, driven by grid constraints and system imbalances
<b>Capacity Market</b>	Contracted revenues (1-year to 15-year contracts) providing payments to secure capacity during System Stress Events
<b>Local factors</b>	Embedded benefits, including grid charges, and local balancing markets

# Moderated operational revenues assumed



- ▲ Macroeconomic environment combined with market reaction to fall in revenues provided attractive entry point
- ▲ Forecasters expect revenue pressures to alleviate in 2025 leading to price normalisation
- ▲ Fig Power investment case uses the lower end of the forecast range



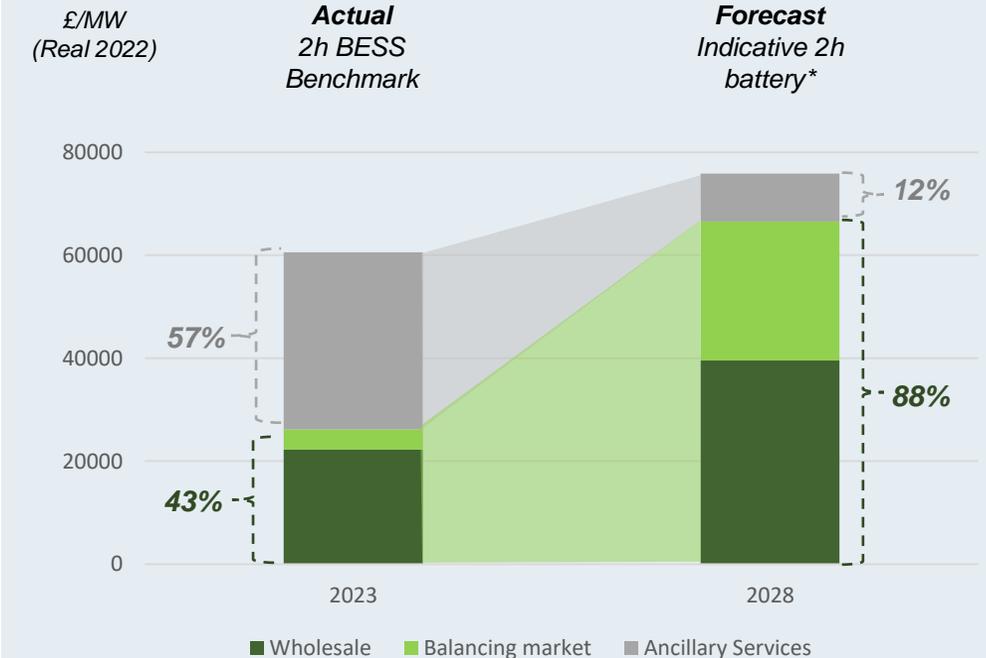
\* Average of leading forecasters. Revenue streams shown on the forecasts are wholesale, balancing market and ancillary services. They do not include capacity and embedded benefits. Real 2022 prices, excluding any Route-to-Market discounts.

# Short-term price pressures expected to subside in the medium-term



- ▲ Relatively low battery revenues in 2023 were attributable to unfavourable conditions in three key battery value drivers:
  - Narrowing intraday power price spreads reduced the value of wholesale arbitrage;
  - Low battery dispatch rates in the Balancing Mechanism (BM)
  - Falling ancillary service prices due to increased competition
  
- ▲ By 2028, the composition of the battery revenue stack is expected to shift away from ancillary services and towards wholesale arbitrage:
  - Wholesale revenues are anticipated to improve as renewable penetration (and therefore intermittency) increases, thermal capacity retirement and increased demand for electricity increase power price volatility
  - Balancing Mechanism dispatch rates are predicted to improve as National Grid ESO delivers a programme of reforms designed to increase battery participation in balancing markets
  - Despite the launch of new ancillary service markets, revenues are forecast to decline owing to increased competition between flexibility providers

## Wholesale arbitrage is expected to become a more significant component of battery revenues

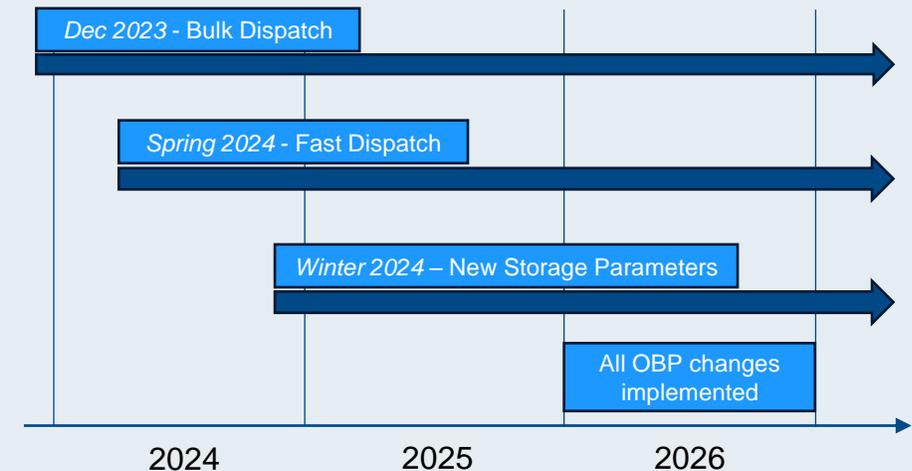


\*Based on leading forecasters expectations

# System changes are expected to improve Balancing Mechanism value capture

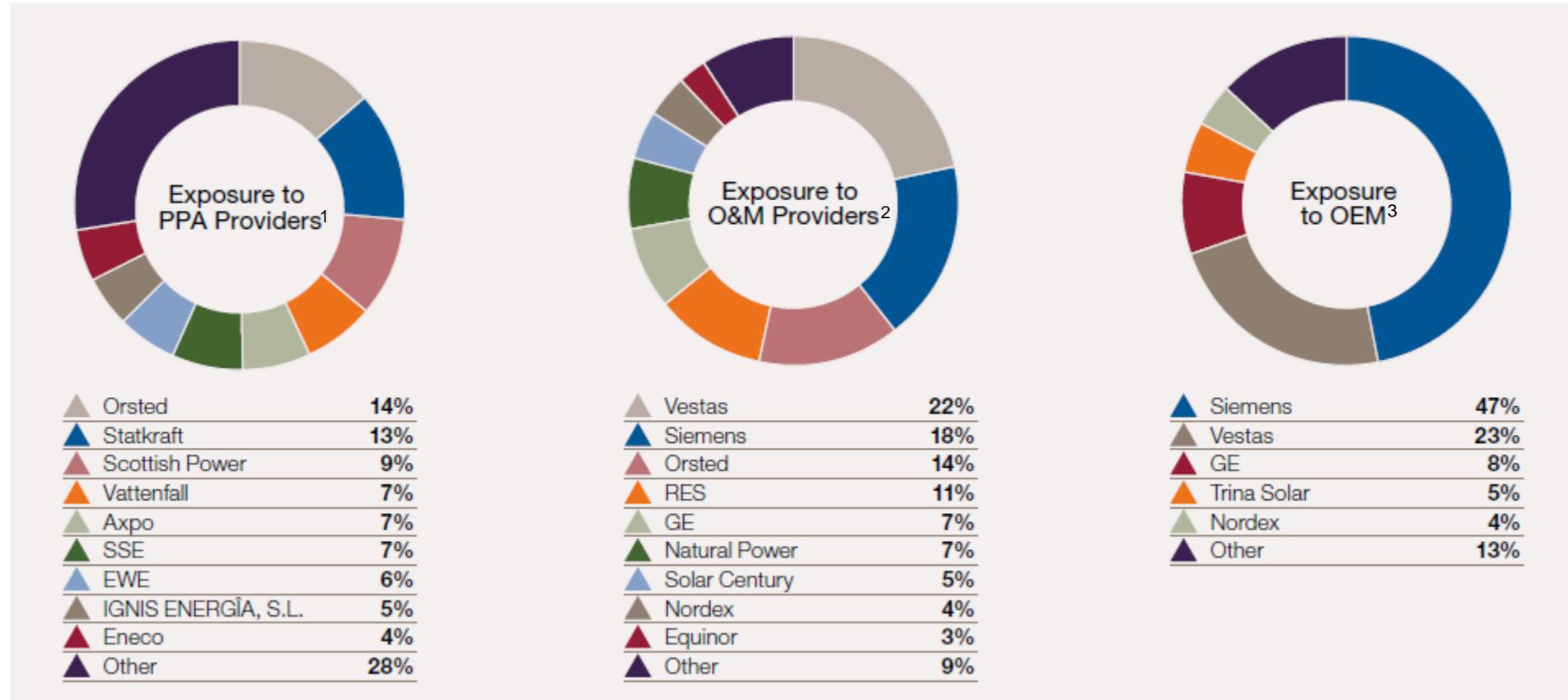
- ▲ Battery dispatch rates in the Balancing Mechanism, measured as the percentage of total energy dispatched by the National Grid ESO control room, was just 1.7% in 2023, despite other technologies being more expensive and often using fossil fuels.
- ▲ In December 2023, National Grid outlined a roadmap of improvements to their BM dispatch system that are expected to improve battery participation:
  - Bulk Dispatch enables the aggregation of instructions to many batteries simultaneously; currently the control room can only dispatch batteries by sending individual instructions resulting in lower acceptance due to operational complexity.
  - Fast Dispatch will enable quicker dispatch for time-sensitive frequency-correcting actions. Currently batteries are frequently skipped in favour of larger assets that can be dispatched quickly as a single unit. Alongside bulk dispatch, this removes the technical barriers to dispatch enabling batteries to be dispatched more frequently.
  - New Storage Parameters effectively end the “15-minute rule” that currently limits batteries to actions shorter than 15-minutes in duration, more than doubling the depth of the market for batteries

## Updates to the Open Balancing Platform are due to be rolled out by 2027



# Counterparty exposure

Broad spread of counterparties monitored regularly



Percentages are in relation to portfolio value as at 31 December 2023 using Directors' valuation plus investment commitments. Where projects have more than one contractor, valuation is apportioned

1. Utility or trading companies

2. Operations and Maintenance providers

3. Original Equipment Manufacturers

# Sustainability in practice

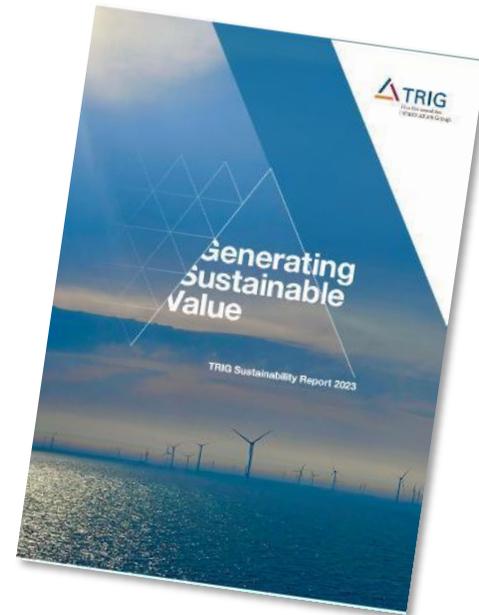
Further reporting against our sustainability goals in 2023



Mitigate adverse Climate Change	Preserve the Natural Environment	Positively impact the communities we work in	Maintain ethics and integrity in governance
<p><b>2.1m</b> tonnes of carbon emissions avoided in 2023<sup>1</sup></p> <p><b>1.9m</b> homes the portfolio is capable of powering<sup>1</sup></p>	<p><b>38</b> active Environmental Management Projects within the portfolio<sup>2</sup></p>	<p><b>42</b> community funds within the TRIG portfolio</p> <p><b>£1.5m</b> of community contributions</p>	<p><b>0.09</b> Lost Time Accident Frequency Rate (LTAFR)<sup>3</sup></p> <p><b>60%</b> female Board composition at year end</p>



**NET ZERO ASSET MANAGERS INITIATIVE**



1. Based on the committed portfolio as at 31 December 2023. Calculated in accordance with the IFI Approach to GHG Accounting for Renewable Energy to aid comparison with other industry participants. Figure is 1.8m homes (equivalent) powered during the year based on actual generation for 2023.

2. Operational TRIG sites engaged in pro-active habitat management plans that exceed standard environmental maintenance

3. A safety at work metric which measures the number of personnel injured and unable to perform their normal duties for seven days or more, for each hundred thousand hours worked

# Reform of GB and EU electricity market design

Major reviews of electricity market design in GB and European markets



## UK Government Review of Electricity Market Arrangements (REMA)

Initial consultation closed in October 2022 with a second consultation expected in 2024. Proposals are expected to include:

- Exploring changes to the wholesale electricity market to decouple power and gas prices
- Reforms to increase locational and economic signals for investment and dispatch.
- Reforming the Capacity Market to increase participation for batteries and alternative sources of flexibility
- Options to encourage mass investment in low carbon technologies



Department for  
Business, Energy  
& Industrial Strategy

## European Commission Electricity Market Reform

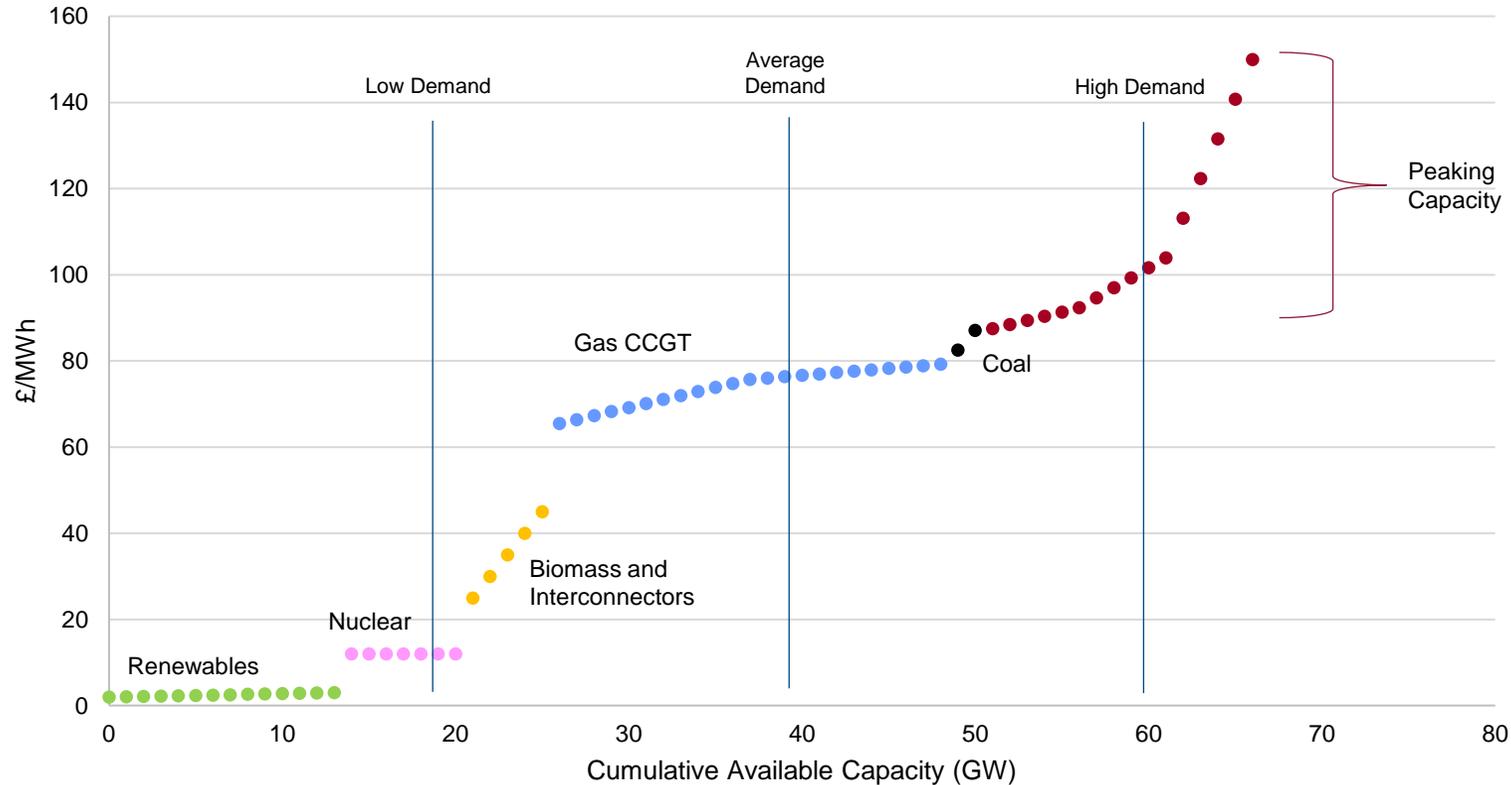
In December 2023 the European Council and Parliament reached a provisional agreement to reform to European electricity markets to:

- Give the council powers to intervene in power markets in a period of crisis
- Grant exceptional derogation from the application of CO<sub>2</sub> emission limits for authorised capacity mechanisms
- Introduction of a Contract for Difference mechanism as the mandatory model for direct price support for investments in new low carbon generation

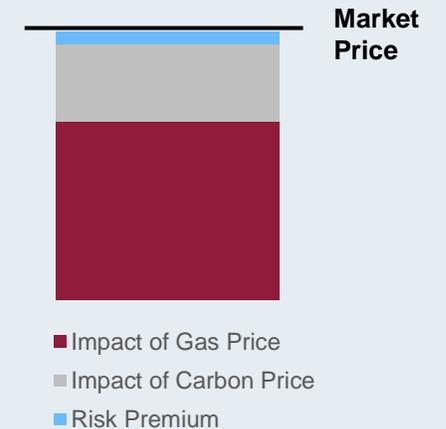


# Short-run marginal cost supply curve (merit order)

Gas-fired power tends to set the marginal price



**Key elements of the power price:**  
natural gas and carbon prices



# Experienced Management and Board

## Independent Board

**Richard Morse**  
(Chairman)

**Tove Feld**  
(SID)

**John Whittle**  
(Audit Chair)

**Erna-Maria Trixl**

**Selina Sagayam<sup>1</sup>**



## Investment Manager

### Key roles:

- ▲ Overall responsibility for day-to-day management
- ▲ Advising the Board on strategy and dividend policy
- ▲ Sourcing, transacting and approving new investments
- ▲ Investment decisions, under delegated authorities from the Board, including in relation to new investments, divestments and development activities
- ▲ Capital raising, investor relations and investor reporting
- ▲ Risk management and financial administration
- ▲ Appoints all members of the Investment Committee



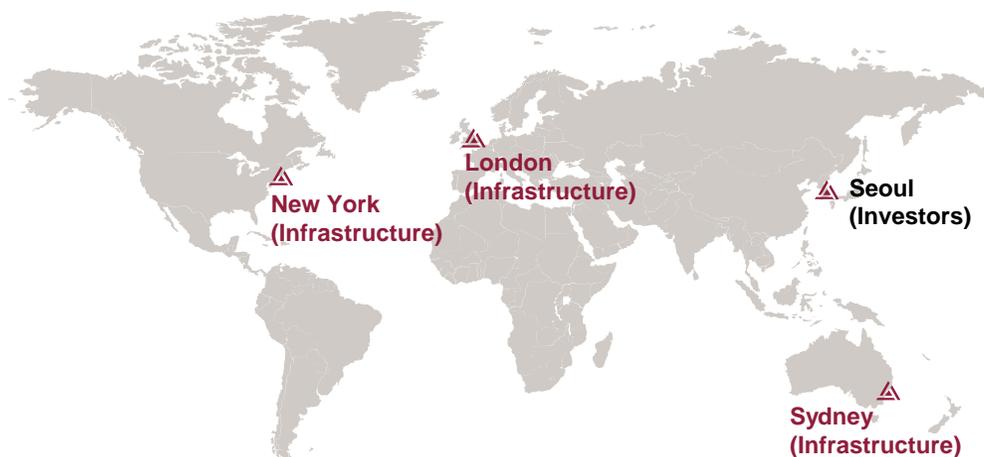
## Operations Manager

### Key roles:

- ▲ Managing performance of the portfolio
- ▲ Collaborating with asset managers to target best practice Health & Safety and ESG
- ▲ Advising on and implementing the electricity sales strategy
- ▲ Securing portfolio scale benefits
- ▲ Identifying and driving technical and commercial value enhancements
- ▲ Delivering high-quality project governance
- ▲ Supporting technical due diligence for potential acquisitions (where RES is not the seller)
- ▲ Appointing senior individuals to the Advisory Committee alongside InfraRed
- ▲ TRIG has a right of first offer on RES' UK and Irish pipeline of generation assets

# InfraRed Capital Partners – Investment Manager

Over 25 years' pedigree in infrastructure



Key statistics across infrastructure

**25+ year**

track record

**US\$14bn**

equity managed

InfraRed is Sun Life's global infrastructure equity investment business



**C\$1.27tn**  
AUM



Dates in timeline relate to launch date of each infrastructure fund. Timeline excludes InfraRed's real estate funds. Numbers in brackets indicate size of total commitments to each of the funds in local currencies, except for HICL and TRIG where numbers in brackets indicate the net asset value as at latest reporting date, 30 September 2023 for HICL and 31 December 2023 for TRIG. Fund III size net of cancellation of c.\$200m of commitments in March 2016  
Fund size and EUM rounded to the nearest billion. As of 30 September 2022, Sun Life had total assets under management of C\$1.27tn

# RES – Operations Manager

World's largest independent renewable energy company



**40+**

Years of experience

**345+**

Projects delivered worldwide

**2,500+**

Employees

**23GW+**

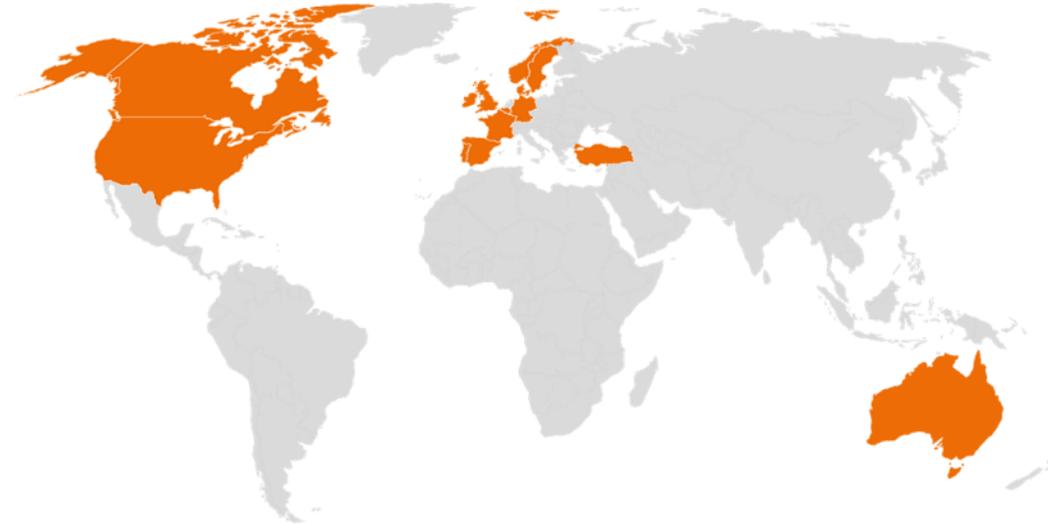
Developed and/or constructed

**12GW+**

Operational assets supported

**776MW**

Energy storage projects



- ▲ Operating across 14 countries globally
- ▲ Complete life cycle expertise from inception to repowering
- ▲ Best in Class Asset Management and O&M Services
- ▲ Actively progressing Green Hydrogen developments

## ACTIVITIES



DEVELOPMENT



CONSTRUCTION



SUPPORT SERVICES

## TECHNOLOGIES



WIND



SOLAR



STORAGE



TRANSMISSION &  
DISTRIBUTION



GREEN  
HYDROGEN

# Diversified, high-quality shareholder base

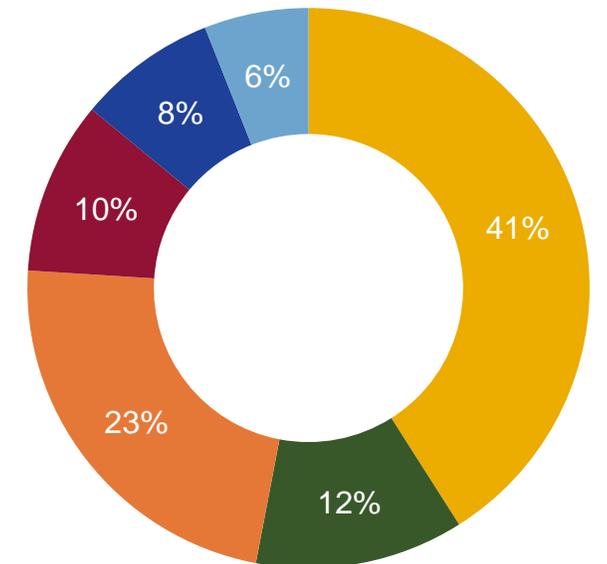
## Selected segments of TRIG's shareholder base<sup>1</sup>

- ▲ Top five holders account for c. 26% of TRIG's issued share capital
- ▲ Top 10 holders account for c. 42% of TRIG's issued share capital
- ▲ Retail shareholders account for c. 12%, both via Private Wealth Managers and online Investment Platforms

## Shareholders with more than 5% ownership of TRIG<sup>1</sup>

- ▲ Rathbones Investment Management
- ▲ Quilter Cheviot Investment Management
- ▲ RBC Brewin Dolphin

## Shareholders by Type, as % of Register<sup>1</sup>



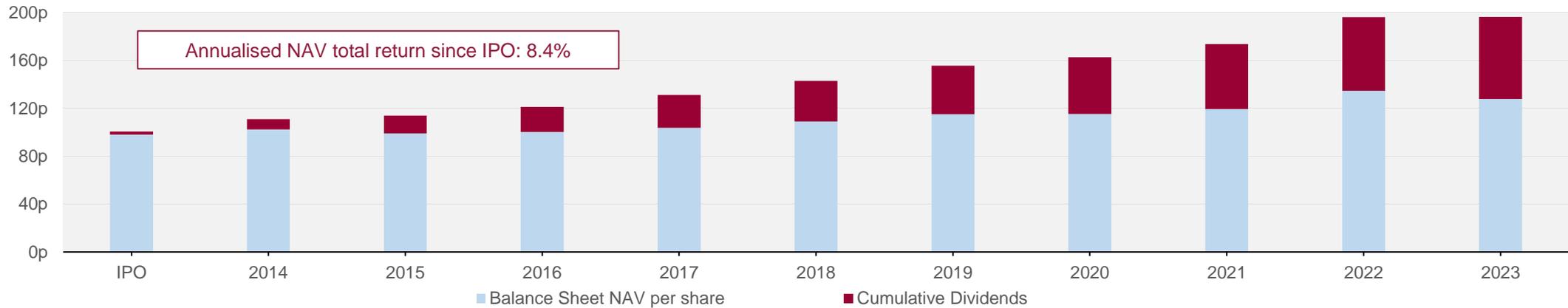
- Private Wealth Managers (in-direct retail)
- Direct Retail
- Mutual Funds / Asset Managers
- Pension Fund Manager
- Insurance Fund Manager
- Other

1. As at 31 December 2023 using data from RD:IR

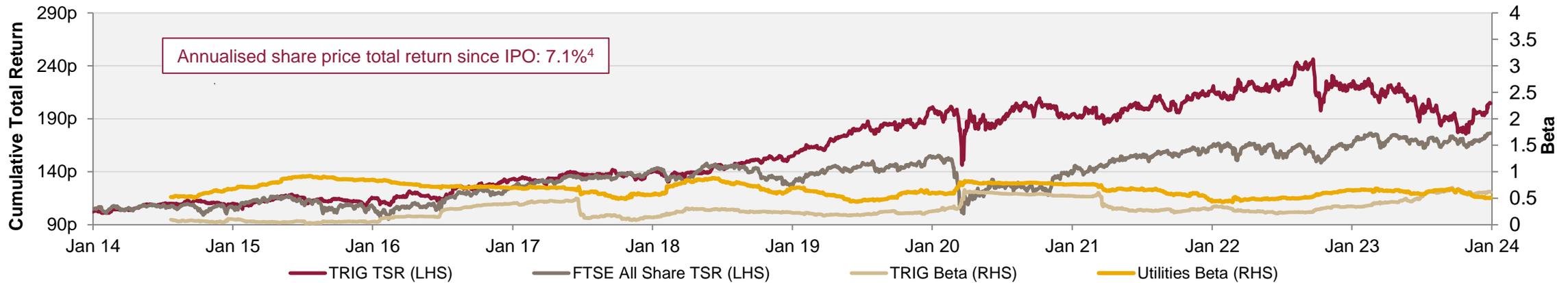
# Significant track record established over ten years



## NAV total return<sup>1,2</sup>



## Share price performance and Beta<sup>3</sup>



1. Past performance is not a reliable indicator of future results. There can be no assurance that targets will be met or that the Company will make any distributions, or that investors will receive any return on their capital. Capital and income at risk

2. Based on NAV per share appreciation plus dividends paid from IPO till the period ended 31 December 2023 on an annualised basis 3. Reuters using 250 day rolling beta 4. TSR is the total shareholder return based on a share price plus dividends paid from IPO till the 31 December 2023 on an annualised basis

# Key facts

<b>Fund Structure</b>	<ul style="list-style-type: none"> <li>▲ Guernsey-domiciled closed-end investment company</li> </ul>	<b>Performance</b>	<ul style="list-style-type: none"> <li>▲ Dividends to date paid as targeted for each period</li> <li>▲ NAV per share of 127.7p (31 December 2023)</li> <li>▲ Market Capitalisation of c. £2,827bn (31 December 2023)</li> <li>▲ Annualised shareholder return<sup>1,4</sup> of 7.1% TSR since IPO</li> </ul>
<b>Issue / Listing</b>	<ul style="list-style-type: none"> <li>▲ Premium listing of ordinary shares on the Main Market of the London Stock Exchange (with stock ticker code TRIG)</li> <li>▲ FTSE-250 index member</li> <li>▲ Launched in July 2013</li> </ul>	<b>Key Elements of Investment Policy / Limits</b>	<ul style="list-style-type: none"> <li>▲ Geographic focus on UK, Ireland, France, Germany, Nordics and Iberia, plus selectively other European countries where there is a stable renewable energy framework</li> <li>▲ Investment limits (by % of Portfolio Value at time of acquisition) <ul style="list-style-type: none"> <li>▪ 65%: assets outside the UK</li> <li>▪ 20%: any single asset</li> <li>▪ 20%: technologies outside wind and solar PV</li> <li>▪ 25%: assets under development / construction</li> </ul> </li> <li>▲ The full investment policy can be found on the Company's website: <a href="https://www.trig-ltd.com/about-us/why-invest-with-trig/business-model/investment-policy/">https://www.trig-ltd.com/about-us/why-invest-with-trig/business-model/investment-policy/</a></li> </ul>
<b>Return Targets<sup>1</sup></b>	<ul style="list-style-type: none"> <li>▲ Quarterly dividends with a target aggregate dividend of 7.47p per share for the year to 31 December 2024</li> <li>▲ Attractive long term IRR<sup>2</sup></li> </ul>		
<b>Governance / Management</b>	<ul style="list-style-type: none"> <li>▲ <b>Independent board</b> of five non-executive directors</li> <li>▲ Investment Manager (IM): <b>InfraRed Capital Partners Limited</b> (authorised and regulated by the Financial Conduct Authority)</li> <li>▲ Operations Manager (OM): <b>Renewable Energy Systems Limited</b></li> <li>▲ Management fees: 1.0% per annum of the Adjusted Portfolio Value<sup>3</sup> of the investments up to £1.0bn (with 0.2% of this paid in shares), falling to (with no further elements paid in shares) 0.8% per annum for the Adjusted Portfolio Value above £1.0bn, 0.75% per annum for the Adjusted Portfolio Value above £2.0bn and 0.7% per annum the Adjusted Portfolio Value above £3.0bn; fees split 65:35 between IM and OM</li> <li>▲ No performance or acquisition fees</li> <li>▲ Procedures to manage any conflicts that may arise on acquisition of assets from funds managed by InfraRed</li> </ul>	<b>Gearing / Hedging</b>	<ul style="list-style-type: none"> <li>▲ Non-recourse project finance debt secured on individual assets or groups of assets of up to 50% of Gross Portfolio Value at time of acquisition</li> <li>▲ Gearing at fund level limited to an acquisition facility (to secure assets and be replaced by equity raisings) up to 30% of Portfolio Value and normally repaid within 1 year</li> <li>▲ To adopt an appropriate hedging policy in relation to currency, interest rates and power prices</li> </ul>

1. Past performance is no guarantee of future returns. There can be no assurance that targets will be met or that the Company will make any distributions, or that investors will receive any return on their capital. Capital and income at risk

2. The weighted average portfolio return rate (8.1% at 31 December 2023) adjusted for fund level costs gives an implied level of return to investors from a theoretical investment in the Company made at NAV per share

3. As defined in the Annual Report. 4 Total shareholder return on a share price plus dividends basis

# Contacts



## Investment Manager

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Level 7, One Bartholomew Close,  
Barts Square,  
London, EC1A 7BL

+44 (0)20 7484 1800

### Key Contacts:

Richard Crawford (Fund Manager)	<a href="mailto:richard.crawford@ircp.com">richard.crawford@ircp.com</a>
Phil George (CFO)	<a href="mailto:phil.george@ircp.com">phil.george@ircp.com</a>
Minesh Shah (Managing Director)	<a href="mailto:minesh.shah@ircp.com">minesh.shah@ircp.com</a>
Mohammed Zaheer (Listed Investor Relations Director)	<a href="mailto:mohammed.zaheer@ircp.com">mohammed.zaheer@ircp.com</a>

### Online:

[triginfo@ircp.com](mailto:triginfo@ircp.com)

[www.ircp.com](http://www.ircp.com)

## Other Advisers

Joint Corporate Broker	Joint Corporate Broker	Administrator / Company Secretary	Registrar
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## Operations Manager

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