



### Holdings as at 31<sup>st</sup> December 2022

Kev	Info:	AUM in	mGBP:	2.025
INC y		/ (0/11/1		2,020

Coverage: 98%

03/04/2023

## The Somerset Aggregate Portfolio

- This report illustrates key Carbon Metrics for the Somerset Aggregate Portfolio, as well as all the associated underlying Brunel Portfolios.
- The Somerset Aggregate Portfolio is made up of Somerset's share of Brunel Portfolio's, weighted by investments as of 31 December 2022.
- A custom Strategic Benchmark has been used so that the Somerset Aggregate Portfolio can be measured against a meaningful comparator. This is made up of the individual benchmarks from the Brunel Portfolios and weighted accordingly, as of 31 December 2022.

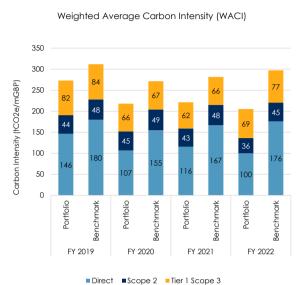
## Performance Summary

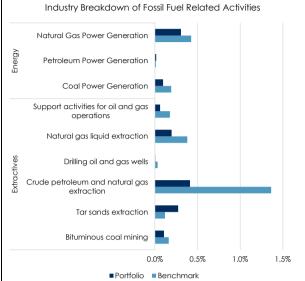
- The Weighted Average Carbon Intensity (WACI) of the Somerset Aggregate Portfolio is below its Strategic Benchmark, with a relative efficiency of +31%.
- Of the underlying Brunel Portfolios within the Somerset Aggregate, the highest intensity is the Brunel Emerging Markets Equities Portfolio (315 tCO<sub>2</sub>e/mGBP), while the lowest one is the Brunel Sterling Corporate Bonds Portfolio (152 tCO<sub>2</sub>e/mGBP).
- All Portfolios have lower levels of carbon intensity compared to their respective benchmarks.
- The Carbon to Value (C/V) Intensity metric is a new metric we have included in this year's carbon metrics report. The (C/V) metric is an aggregation of apportioned carbon emissions of constituants per 1 million invested. The Carbon to Value (C/V) Intensity of the Somerset Aggregate Portfolio is below its Strategic Benchnark, with a relative efficiency of +30%.
- The Somerset Aggregate Portfolio is less exposed to both fossil fuel revenues (1.47% vs 2.86%) and future emissions from reserves (2.65 MtCO<sub>2</sub> vs 4.39 MtCO<sub>2</sub>) than its Strategic Benchmark.
- All Portfolios have lower emissions from reserves and reserves exposures than their respective benchmarks, with the execption of 'Petroleum Power Generation' and 'Tar sands extraction'.
- The company disclosures rates are based on Scope 1 emissions, where the rate of companies in the Somerset Aggregate Portfolio for which fully disclosed carbon data was available is 44% (carbon weighted method) and 38% (investment weighted method), indicating scope for improved reporting among investees.
- The aggregate rate of 'full disclosure' for the investment weighted method is highest in the Brunel Brunel CTB Passive Global Equities (51%) and lowest in the Brunel Global Small Cap Equities (12%).





### Somerset Aggregate vs. Somerset Custom BM

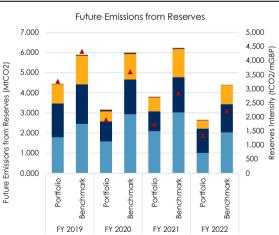




Current Year Top Contributors to WACI Top Contributors to Weighted Fossil Fuel Revenues Name Carbon-to-Revenue intensity Contr. Name Weight Weighted FF Revenue Weight (tCO<sub>2</sub>e/mGBP) (%) (%) (%) (%) Dominion Energy, Inc. 3,308 0.30% -4.56% Shell plc 0.96% 0.23% 0.10% -3.18% BP p.l.c. 7.035 0.55% 0.17% Holcim Ltd Shell plc -2.97% Suncor Energy Inc. 0 16% 834 0.96% 0.35% Steel Dynamics, Inc. 1.323 0.47% -2.56% MEG Energy Corp. 0.15% 0.15% Dominion Energy, Inc. UPM-Kymmene Oyj 1,981 0.25% -2.19% 0.30% 0.11% The WACI shows the portfolio exposure to carbon intensive companies. This metric takes the carbon intensity (total carbon emissions divided by total The Industry Breakdown of Fossil Fuel Related Activities chart above breaks down the 'extractives' and 'energy' revenue exposure into specific industry revenue) of each investee and multiplies it by its weight in the portfolio. exposures. Disclosure Rates Future Emissions from Reserves 7 000 5 000 100% 4,500 4,500 g 90% 6.000 80% (MtCO2) 5.000 3,500 2 3,000 2 70% 4.000 Reserves 2,500 .≧ 60% 3.000 2,000 50% 1,500 es Emissions from 2.000 40% 1,000 Ser 1.000 30% d D 500

20% 10% 0% GHG VOH GHG VOH GHG VOH GHG VOH FY 2019 FY 2020 FY 2021 FY 2022

Full Disclosure Partial Disclosure Modelled



Portfolio Disclosure Pates by Method

Future Emissions from Reserves by Type (MtCOa)

Formonio Disclosure kales L	nono Disclosore kales by Memoa		Totole Linissions norm Reserves by Type (MiCO <sub>2</sub> )					
Carbon disclosure	GHG-weighted	Value-weighted	Source	FY 2021	FY 2021			
category	disclosure	disclosure		Port.	Ben.	Port.	Ben.	
Full Disclosure	44%	38%	Coal	2.09	3.02	1.01	2.02	
Partial Disclosure	44%	47%	Oil	0.99	1.75	1.21	1.41	
Modelled	13%	15%	Gas	0.69	1.40	0.40	0.95	
Full Disclosure - Data disclosed by a company in an un-edited form. Partial Disclosure - Trucost has used data disclosed by a company but has			Oil and/or Gas	0.03	0.05	0.03	0.01	
			Companies may disclose	both 1P and 2P rese	erves (1P refe	ers to those h	eld with	

made adjustments to match the reporting scope required by its research process. Values may also be derived from a previous year's disclosed data using changes in business activities and consolidated revenues. Modelled - In the absence of usable disclosures, the data has been modelled

using Trucost's EE-IO model.

90% confidence, 2P are those held with 50% confidence). Both 1P and 2P are used when assigning embedded emissions to a company.

■ Coal ■ Oil ■ Gas ■ Oil and/or Gas ▲ Intensity

The chart above shows the total tonnes of apportioned CO2 from reserves, broken down by reserve type. It also shows the reserves 'intensity' by normalizing the apportioned embedded emissions by the VOH.

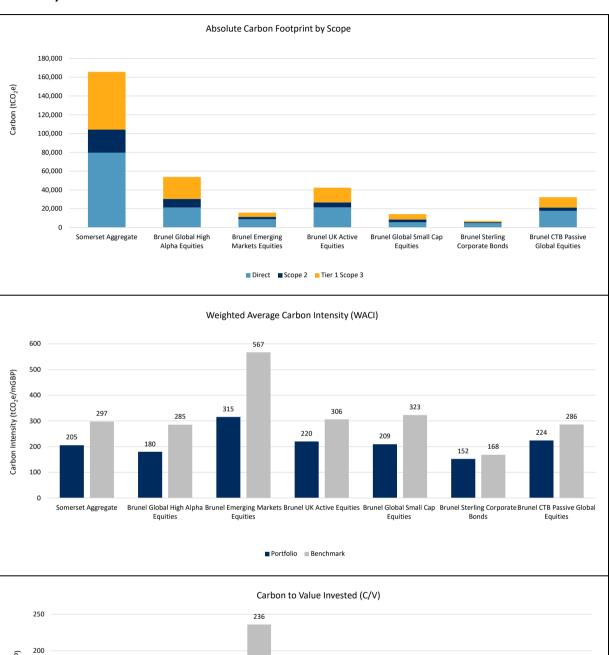
#### 2022 Q4

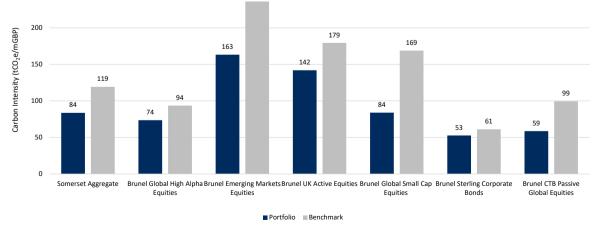


### **Summary Sheet**

SOMERSET County Council







## Item 9 - Appendix 2

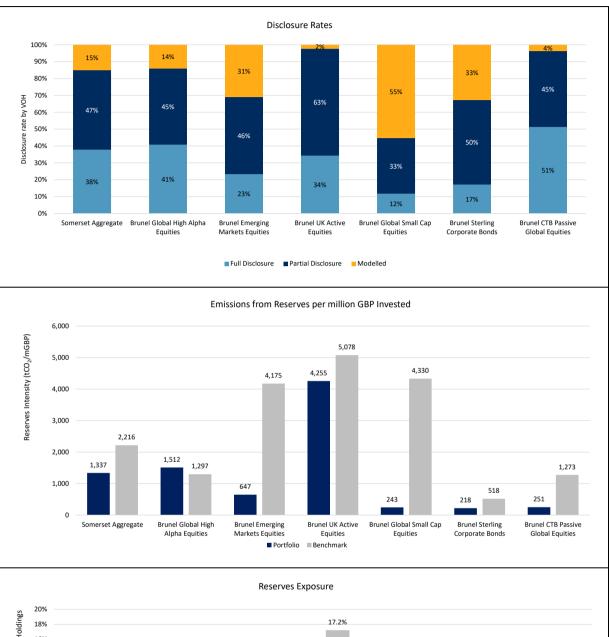


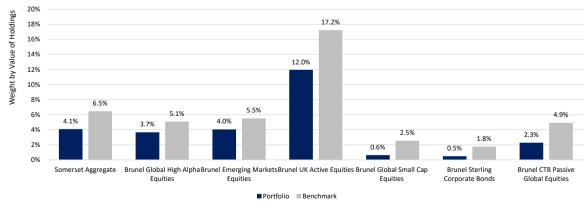
## Somerset Carbon Metrics Report



2022 Q4





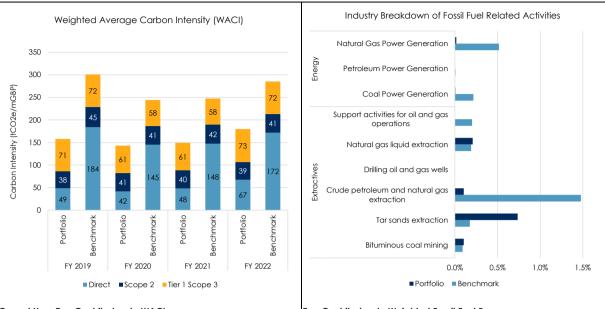


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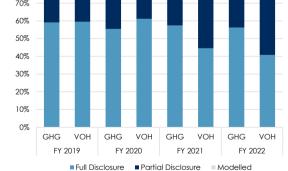
### Brunel Global High Alpha Equities vs. MSCI World

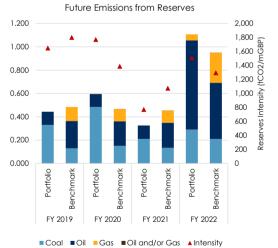


Current Year To	rrent Year Top Contributors to WACI				Top Contributors to Weighted Fossil Fuel Revenues			
Name	Carbon-to	-Revenue intensity	Weight	Contr.	Name	Weight	Weighted FF Revenue	
		(tCO <sub>2</sub> e/mGBP)	(%)	(%)		(%)	(%)	
Holcim Ltd		7,035	0.26%	-9.89%	Suncor Energy Inc.	0.94%	0.42%	
Steel Dynamic	s, Inc.	1,323	1.27%	-8.16%	MEG Energy Corp.	0.39%	0.40%	
UPM-Kymmene	e Oyj	1,981	0.68%	-6.91%	Shell plc	1.04%	0.25%	
Suncor Energy	Inc.	1,367	0.94%	-6.23%	Anglo American Plc	1.07%	0.09%	
Nestle SA		538	1.94%	-3.94%	Glencore Plc	0.23%	0.01%	
	, ch investee and mul	(total carbon emissio tiplies it by its weight in the osure Rates			The Industry Breakdown of F down the 'extractives' and ' exposures.		osure into specific industry	
	Disci				1.200	LITISSIONS NOTTINES		
100%					1.200		2,000	
90%				_	1.000	<b></b>		
80%			_	_	008.0 (J		1,400 E	
70%			_	_	Q 0.800		▲ 1,200 ♀	
							1 000 ₽	

Emissions from Reserv

Future |





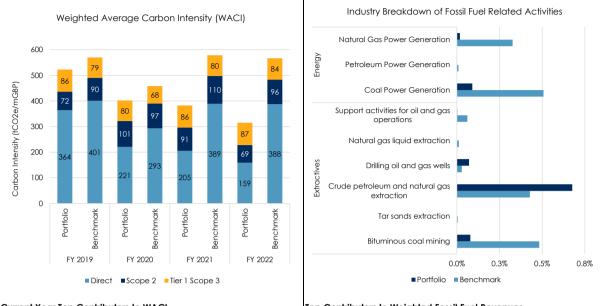
Portfolio Disclosure Rates by	Method		Future Emissions from Reserves by Type (MtCO <sub>2</sub> )				
Carbon disclosure	GHG-weighted	Value-weighted	Source	FY 2021		FY 2022	
category	disclosure	disclosure		Port.	Ben.	Port.	Ben.
Full Disclosure	56%	41%	Coal	0.21	0.13	0.29	0.21
Partial Disclosure	38%	45%	Oil	0.11	0.21	0.76	0.48
Modelled	6%	14%	Gas	0.00	0.11	0.05	0.26
Full Disclosure - Data disclosed by	a company in an un-edite	ed form.	Oil and/or Gas	0.00	0.00	0.00	0.00
Partial Disclosure - Trucost has a made adjustments to match the process. Values may also be de using changes in business activitie Modelled - In the absence of usa using Trucost's EE-IO model.	used data disclosed by content of the reporting scope required from a previous year and consolidated reventions and consolidated reventions of the revention of	a company but has ired by its research ear's disclosed data ues.	Companies may disclose bot 90% confidence, 2P are those used when assigning embedde The chart above shows the broken down by reserve type the apportioned embedded	e held with 50% led emissions to a total tonnes of . It also shows the	confidence) a company. apportionec e reserves 'in	. Both 1P and	d 2P are eserves,



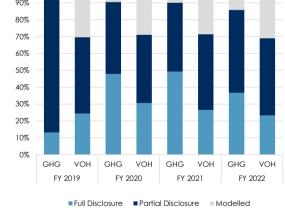


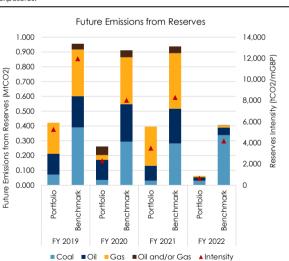
### Brunel Emerging Markets Equities vs. MSCI Emerging Markets





Current Year To	urrent Year Top Contributors to WACI				Top Contributors to Weighted Fossil Fuel Revenues				
Name	Carbon-to-Revenue	intensity	Weight	Contr.	Name	Weight	Weighted FF Revenue		
	(tCO <sub>2</sub> e	/mGBP)	(%)	(%)		(%)	(%)		
China Longyua	In Power Group Corporc	2,887	0.76%	-6.21%	PTT Exploration and Productic	0.40%	0.40%		
Anhui Conch C	Cement Company Limite	11,560	0.16%	-5.69%	Parex Resources Inc.	0.26%	0.27%		
<b>Reliance Indust</b>	tries Limited	1,297	1.66%	-5.25%	China Longyuan Power Grou	0.76%	0.09%		
China National	Building Material Comp	9,064	0.17%	-4.84%	Anglo American Plc	0.82%	0.07%		
OCI N.V.		3,955	0.31%	-3.57%	China Oilfield Services Limited	0.09%	0.07%		
metric takes the	the portfolio exposure to car e carbon intensity (total carb n investee and multiplies it by its	on emissio	ns divided	by total	The Industry Breakdown of Fossil F down the 'extractives' and 'energ exposures.				
	Disclosure Rate	s			Future Emiss	ions from Res	erves		
100%				_	1.000		14,000		
90%					0.900		12,000 🖬		
80%					0.800		12,000 Hg		



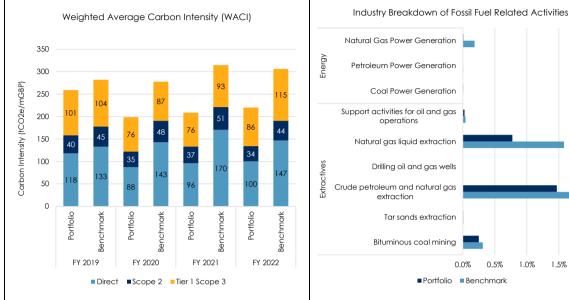


Portfolio Disclosure Rates by	Method		Future Emissions from Reserves by Type (MtCO <sub>2</sub> )				
Carbon disclosure	GHG-weighted	Value-weighted	Source	FY 2021		FY 2022	
category	disclosure	disclosure		Port.	Ben.	Port.	Ben.
Full Disclosure	37%	23%	Coal	0.03	0.28	0.03	0.34
Partial Disclosure	49%	46%	Oil	0.10	0.24	0.02	0.05
Modelled	14%	31%	Gas	0.26	0.37	0.01	0.01
Full Disclosure - Data disclosed by	a company in an un-edite	Oil and/or Gas	0.00	0.05	0.00	0.00	
Partial Disclosure - Trucost has u made adjustments to match th process. Values may also be de using changes in business activitie Modelled - In the absence of uso using Trucost's EE-IO model.	used data disclosed by a ne reporting scope require erived from a previous yea and consolidated revenu	e company but has red by its research ar's disclosed data ues.	90% confidence, 2P c used when assigning e The chart above sho broken down by reser	lose both 1P and 2P rese are those held with 50% embedded emissions to o ways the total tonnes of ve type. It also shows the edded emissions by the	confidence) a company. apportionec e reserves 'int	. Both 1P and	d 2P are reserves,

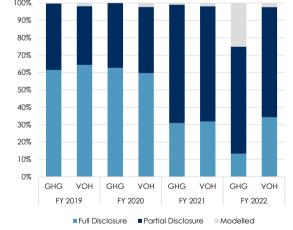


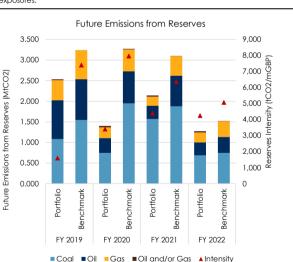
### Brunel UK Active Equities vs. FTSE Allshare ex IT

**County Council** 



Current Year Top Contributors to WACI Top Contributors to Weighted Fossil Fuel Revenues Carbon-to-Revenue intensity Contr. Name Weight Weighted FF Revenue Name Weight (tCO<sub>2</sub>e/mGBP) (%) (%) (%) (%) -11.12% BP p.l.c. Shell plc 834 3 83% 3 45% 1 0.3% Rio Tinto Group 0.91% 874 2.91% -8.90% Shell plc 3.83% -8.61% EnQuest PLC Breedon Group plc 6,139 0.32% 0 20% 0.20% BP p.l.c. 745 3.45% -8.51% Glencore Plc 3.33% 0.16% Mondi PLC 3,191 0.35% -4.68% Anglo American Plc 1.09% 0.10% The WACI shows the portfolio exposure to carbon intensive companies. This The Industry Breakdown of Fossil Fuel Related Activities chart above breaks metric takes the carbon intensity (total carbon emissions divided by total down the 'extractives' and 'energy' revenue exposure into specific industry revenue) of each investee and multiplies it by its weight in the portfolio. exposures. Disclosure Rates Future Emissions from Reserves 3.500 9,000 100%





0.5%

1.0%

1.5%

2.0%

Portfolio Disclosure Rates by	y Method		Future Emissions from Reserves by Type (MtCO <sub>2</sub> )				
Carbon disclosure	GHG-weighted	Value-weighted	Source	FY 2021		FY 2022	
category	disclosure	disclosure		Port.	Ben.	Port.	Ben.
Full Disclosure	13%	34%	Coal	1.57	1.88	0.69	0.75
Partial Disclosure	62%	63%	Oil	0.32	0.74	0.31	0.39
Modelled	25%	2%	Gas	0.22	0.47	0.24	0.38
Full Disclosure - Data disclosed b	ov a company in an un-edite	ed form.	Oil and/or Gas	0.03	0.01	0.03	0.01
Partial Disclosure - Trucost has made adjustments to match process. Values may also be a using changes in business activit Modelled - In the absence of u using Trucost's EE-IO model.	used data disclosed by a the reporting scope requi derived from a previous ye ties and consolidated revenu	a company but has red by its research ear's disclosed data Jes.	Companies may disclose 90% confidence, 2P are t used when assigning emb The chart above shows t broken down by reserve to the apportioned embedd	hose held with 50% edded emissions to a the total tonnes of ype. It also shows the	confidence) a company. apportionec e reserves 'int	. Both 1P and	l 2P are eserves,

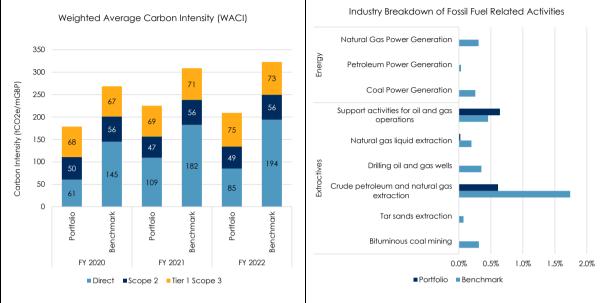
#### 2022 Q4



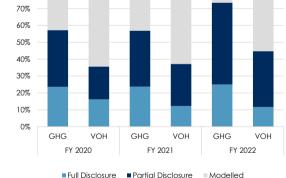


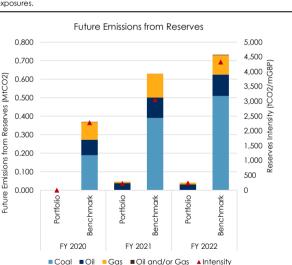
### Brunel Global Small Cap Equities vs. MSCI Small Cap World





Current Year Top Contributors to WACI Top Contributors to Weighted Fossil Fuel Revenues Carbon-to-Revenue intensity Contr. Name Weight Name Weight Weighted FF Revenue (tCO<sub>2</sub>e/mGBP) (%) (%) (%) (%) GOLAR LNG Limited 4,276 -6.33% TGS ASA 0.32% 0.52% 0.53% Whitecap Resources Inc. 1.344 0.95% -5.22% 0.41% 0.42% Befesa S.A. -4.84% Vermilion Energy Inc. Cabot Corporation 2.109 0.53% 0 22% 0 23% Tronox Holdings plc 2.119 0.44% -4.03% Aker Solutions ASA 0.33% 0.10% West Fraser Timber Co. Ltd. 0.49% -3.39% SPIE SA 0.35% 0.03% 1,646 The WACI shows the portfolio exposure to carbon intensive companies. This metric takes the carbon intensity (total carbon emissions divided by total The Industry Breakdown of Fossil Fuel Related Activities chart above breaks down the 'extractives' and 'energy' revenue exposure into specific industry revenue) of each investee and multiplies it by its weight in the portfolio. exposures. Disclosure Rates Future Emissions from Reserves 0.800 5.000 100% 4,500 0.700 90% 4,000 80% (MtCO2) 0.600 3,500 70% 0.500



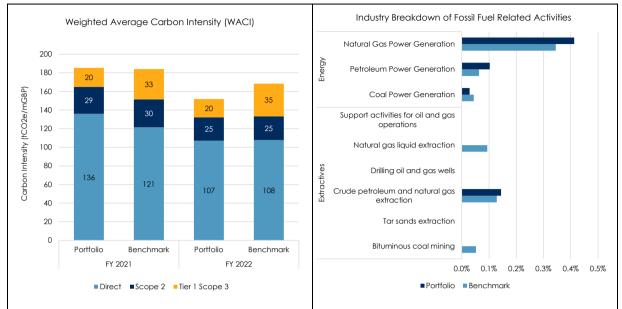


Portfolio Disclosure Rates b	y Method		Future Emissions from Reserves by Type (MtCO <sub>2</sub> )				
Carbon disclosure	GHG-weighted	Value-weighted	Source	FY 2021		FY 2022	
category	disclosure	disclosure		Port.	Ben.	Port.	Ben.
Full Disclosure	25%	12%	Coal	0.00	0.39	0.00	0.51
Partial Disclosure	48%	33%	Oil	0.04	0.11	0.03	0.12
Modelled	27%	55%	Gas	0.01	0.13	0.01	0.10
Full Disclosure - Data disclosed	by a company in an un-edite	ed form	Oil and/or Gas	0.00	0.00	0.00	0.00
Partial Disclosure - Trucost has made adjustments to match process. Values may also be using changes in business activit Modelled - In the absence of t using Trucost's EE-IO model.	s used data disclosed by a the reporting scope requir derived from a previous ye ities and consolidated revenu	e company but has red by its research ar's disclosed data ues.	90% confidence, 2P a used when assigning e The chart above show broken down by reserv	ose both 1P and 2P rese re those held with 50% mbedded emissions to a ws the total tonnes of re type. It also shows the added emissions by the V	confidence] a company. apportioned e reserves 'in	). Both 1P and d CO2 from r	d 2P are eserves,



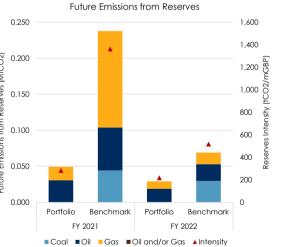






Current Year Top Contributors to WACI Top Contributors to Weighted Fossil Fuel Revenues Carbon-to-Revenue intensity Contr. Name Weight Weighted FF Revenue Name Weight (tCO<sub>2</sub>e/mGBP) (%) (%) (%) (%) South Eastern Power Networks plc 5.543 -20.38% SSE plc 0.57% 1 32% 0.36% -12.54% YTL Power International Berhc YTL Power International Berhad 0.33% 0.33% 0.24% 5.968 SSE plc 1.217 1.32% -9.40% BP p.l.c. 0 49% 0 20% Electricite de France 577 2.14% -6.12% Enel SpA 0.56% 0.10% -5.49% National Grid PLC 1.68% National Grid PLC 1.68% 0.02% 639 The WACI shows the portfolio exposure to carbon intensive companies. This metric takes the carbon intensity (total carbon emissions divided by total The Industry Breakdown of Fossil Fuel Related Activities chart above breaks 'extractives' and 'energy' revenue exposure into specific industry down the revenue) of each investee and multiplies it by its weight in the portfolio. exposures Disclosure Rates Future Emissions from Reserves 0.250 1,600 100% 90% 1,400 (MtCO2) 0.200 80% GBP 1,200 70% (†CO2/ 1,000 Reserves 0.150 60%





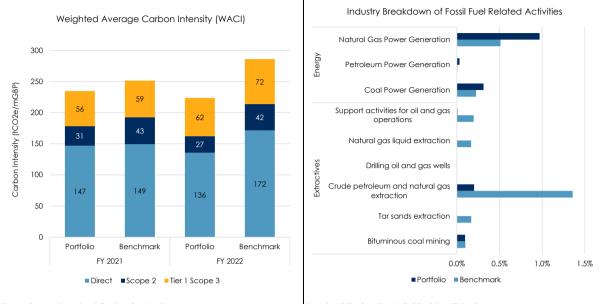
Portfolio Disclosure Rates b	y Method		Future Emissions from Reserves by Type (MtCO <sub>2</sub> )				
Carbon disclosure	GHG-weighted	Value-weighted	Source	FY 2021		FY 2022	
category	disclosure	disclosure		Port.	Ben.	Port.	Ben.
Full Disclosure	40%	17%	Coal	0.00	0.04	0.00	0.03
Partial Disclosure	43%	50%	Oil	0.03	0.06	0.02	0.02
Modelled	17%	33%	Gas	0.02	0.13	0.01	0.02
Full Disclosure - Data disclosed	by a company in an un-edite	d form	Oil and/or Gas	0.00	0.00	0.00	0.00
Partial Disclosure - Trucost ha: made adjustments to match process. Values may also be using changes in business activit Modelled - In the absence of using Trucost's EE-IO model.	s used data disclosed by a the reporting scope requir derived from a previous ye- ities and consolidated revenu	company but has red by its research ar's disclosed data ues.	90% confidence, 2P a used when assigning e The chart above show broken down by reserv	ose both 1P and 2P rese re those held with 50% mbedded emissions to a ws the total tonnes of re type. It also shows the added emissions by the <sup>1</sup>	confidence) a company. apportionec e reserves 'int	. Both 1P and	l 2P are eserves,



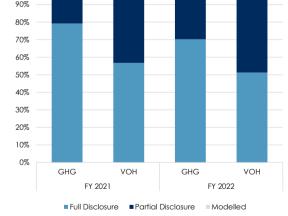


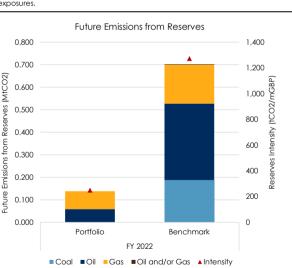
### Brunel CTB Passive Global Equities vs. FTSE Developed World





Current Year Top Contributors to WACI Top Contributors to Weighted Fossil Fuel Revenues Carbon-to-Revenue intensity Contr. Name Weight Weighted FF Revenue Name Weight (tCO<sub>2</sub>e/mGBP) (%) (%) (%) (%) -15.06% Dominion Energy, Inc. Dominion Energy, Inc. 3.308 1 08% 0 40% 1 08% Mitsui & Co., Ltd. The Southern Company 0.27% -5.07% 1.64% 5.131 0.23% 0.11% Duke Energy Corporation 4.668 0.23% -4 62% Consolidated Edison, Inc. 0.61% RWE Aktiengesellschaft 4.447 0.20% -3.80% Duke Energy Corporation 0.23% 0.11% Xcel Energy Inc. 4,377 0.13% -2.48% Enel SpA 0.66% 0.09% The WACI shows the portfolio exposure to carbon intensive companies. This metric takes the carbon intensity (total carbon emissions divided by total The Industry Breakdown of Fossil Fuel Related Activities chart above breaks down the 'extractives' and 'energy' revenue exposure into specific industry revenue) of each investee and multiplies it by its weight in the portfolio. exposures. Disclosure Rates Future Emissions from Reserves 0.800 1,400 100% 90% 0.700 1.200





rtfolio	Disclosure	Rates	hv	Method	

Portfolio Disclosure Rates b	by Method		Future Emissions from Reserves by Type (MtCO <sub>2</sub> )				
Carbon disclosure	GHG-weighted	Value-weighted	Source	FY 2021		FY 2022	
category	disclosure	disclosure		Port.	Ben.	Port.	Ben.
Full Disclosure	70%	51%	Coal	NA	NA	0.00	0.19
Partial Disclosure	28%	45%	Oil	NA	NA	0.06	0.34
Modelled	2%	4%	Gas	NA	NA	0.08	0.17
Full Disclosure - Data disclosed	l by a company in an un-edite	ed form.	Oil and/or Gas	NA	NA	0.00	0.00
Partial Disclosure - Trucost ha made adjustments to match process. Values may also be using changes in business activ Modelled - In the absence of using Trucost's EE-IO model.	the reporting scope requi derived from a previous ye vities and consolidated reven	red by its research ear's disclosed data ues.	90% confidence, 2P ar used when assigning er The chart above shov broken down by reserv	mbedded emissions to a	confidence) a company. apportionec e reserves 'in	. Both 1P and	1 2P are eserves,

## **Brunel Pension Partnership**

Green Revenues and TPI Management Quality Portfolio Profile

Portfolio name: Index name:

Brunel Global High Alpha Portfolio FTSE All World Developed (awdc) Ex-POL-KOR

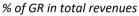


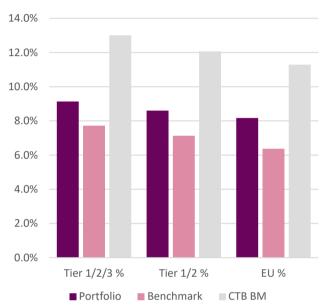
03/04/2023

**CTB** comparison: Date of holdings: FTSE Developed Climate Transition (CTB) Index (awdectbc) Ex-POL-KOR (AWDXKPC) 31/12/2022 (benchmarks as of 30/12)

### **Green Revenues**

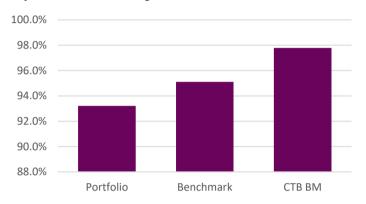
#### Weighted average of green revenues (GR)





## **Coverage rate**

% of available data in weights



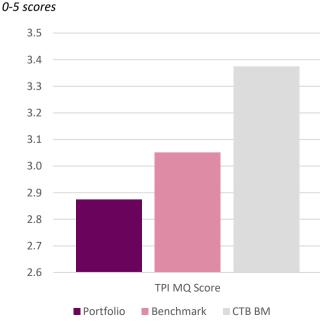
### Data

% of GR in total revenues (2021)

	Tier 1/2/3 %	Tier 1/2 %	EU %	
Portfolio	9.1%	8.6%	8.2%	
Benchmark	7.7%	7.1%	6.4%	
CTB BM	13.0%	12.1%	11.3%	

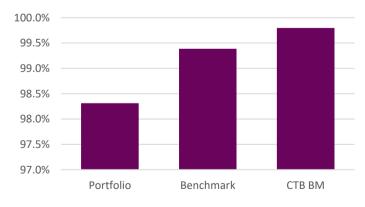
### **TPI Management Quality**

## Weighted average of TPI MQ scores



## **Coverage rate**

% of available data in weights



#### Data

	TPI MQ Score
Portfolio	2.9
Benchmark	3.1
СТВ ВМ	3.4

## **Brunel Pension Partnership**

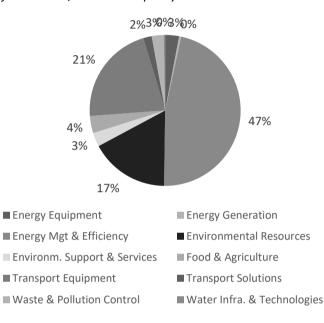
Green Revenues and TPI Management Quality Portfolio Profile



03/04/2023

#### Green Revenues - Segment breakdown

### **GR portfolio breakdown by GRCS sector** % of GR in tier 1/2 revenues: split by sector



## Data

% of GR in tier 1/2 revenues: split by sector

Sector	WA contrib.	GR breakdown
Energy Equipment	0.3%	3.0%
Energy Generation	0.0%	0.5%
Energy Mgt & Efficiency	4.0%	46.8%
Environmental Resources	1.5%	16.9%
Environm. Support & Services	0.3%	3.0%
Food & Agriculture	0.3%	3.7%
Transport Equipment	1.8%	21.5%
Transport Solutions	0.2%	1.8%
Waste & Pollution Control	0.2%	2.5%
Water Infra. & Technologies	0.0%	0.3%
Total	8.6%	100.0%

### Green Revenues - Top 10 portfolio contributors

## Green revenues - Top portfolio contributors

Top 10 contributors to the weighted average

Rank	Company	Rebased Wt	Tier 1/2 %	WA Contrib.
1	MICROSOFT CORP	5.1%	26.6%	1.4%
2	STEEL DYNAMICS INC	1.4%	83.6%	1.1%
3	TAIWAN SEMICONDUCTOR MANUFACTURING CO	1.6%	64.0%	1.0%
4	ALSTOM SA	0.8%	82.2%	0.7%
5	EATON CORP PLC	0.8%	58.2%	0.5%
6	AMAZON.COM INC	3.3%	14.3%	0.5%
7	TESLA INC	0.4%	100.0%	0.4%
8	LEGRAND SA	0.6%	69.8%	0.4%
9	CONTEMPORARY AMPEREX TECHNOLOGY CO LTD	0.3%	92.5%	0.3%
10	RELIANCE STEEL & ALUMINUM CO	1.4%	18.2%	0.3%

## **Brunel Pension Partnership**

Green Revenues and TPI Management Quality Portfolio Profile

Portfolio name: Index name: **CTB** comparison: Date of holdings: **Brunel Emerging Markets Portfolio** FTSE Emerging Index (ymbic) Incl-POL-KOR

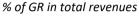


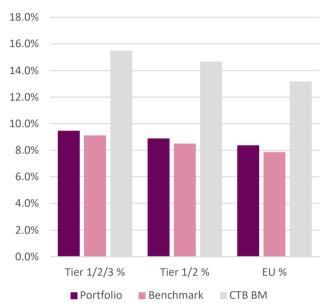
03/04/2023

FTSE Emerging with Korea and Poland Climate Transition (CTB) Index (aweipkcc) 31/12/2022 (benchmarks as of 30/12)

#### **Green Revenues**

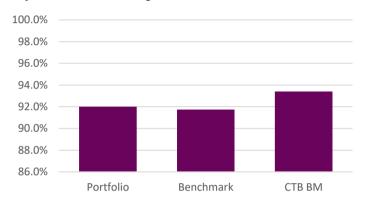
#### Weighted average of green revenues (GR)





## **Coverage rate**

% of available data in weights



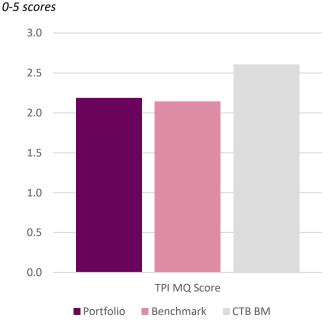
### Data

% of GR in total revenues (2021)

	Tier 1/2/3 %	Tier 1/2 %	EU %
Portfolio	9.5%	8.9%	8.4%
Benchmark	9.1%	8.5%	7.9%
CTB BM	15.5%	14.7%	13.2%

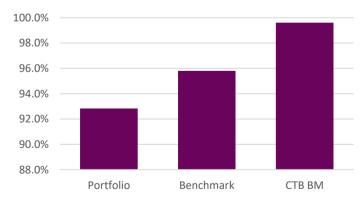
### **TPI Management Quality**

## Weighted average of TPI MQ scores



### **Coverage rate**

% of available data in weights



Data

	TPI MQ Score
Portfolio	2.2
Benchmark	2.1
СТВ ВМ	2.6

## **Brunel Pension Partnership**

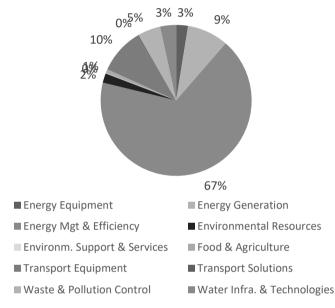
Green Revenues and TPI Management Quality Portfolio Profile



03/04/2023

#### Green Revenues - Segment breakdown

## **GR portfolio breakdown by GRCS sector** % of GR in tier 1/2 revenues: split by sector



## Data

% of GR in tier 1/2 revenues: split by sector

Sector	WA contrib.	GR breakdown
Energy Equipment	0.2%	2.5%
Energy Generation	0.8%	8.8%
Energy Mgt & Efficiency	6.0%	67.4%
Environmental Resources	0.2%	2.0%
Environm. Support & Services	0.0%	0.1%
Food & Agriculture	0.1%	0.8%
Transport Equipment	0.9%	9.7%
Transport Solutions	0.0%	0.2%
Waste & Pollution Control	0.4%	4.9%
Water Infra. & Technologies	0.3%	3.4%
Total	8.9%	100.0%

### Green Revenues - Top 10 portfolio contributors

## Green revenues - Top portfolio contributors

Top 10 contributors to the weighted average

Rank	Company	Rebased Wt	Tier 1/2 %	WA Contrib.
1	TAIWAN SEMICONDUCTOR MANUFACTURING CO I	7.3%	64.0%	4.7%
2	CONTEMPORARY AMPEREX TECHNOLOGY CO LTD	0.9%	92.5%	0.8%
3	CHINA LONGYUAN POWER GROUP CORP LTD	0.8%	66.2%	0.5%
4	ENN ENERGY HOLDINGS LTD	0.8%	48.5%	0.4%
5	E INK HOLDINGS INC	0.3%	100.0%	0.3%
6	CIA DE SANEAMENTO BASICO DO ESTADO DE SAO	0.3%	88.4%	0.3%
7	SK HYNIX INC	0.7%	32.0%	0.2%
8	GUANGZHOU TINCI MATERIALS TECHNOLOGY CO L	0.2%	87.8%	0.2%
9	YUNNAN ENERGY NEW MATERIAL CO LTD	0.2%	72.3%	0.1%
10	CHINA YANGTZE POWER CO LTD	0.1%	88.6%	0.1%

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## **Brunel Pension Partnership**

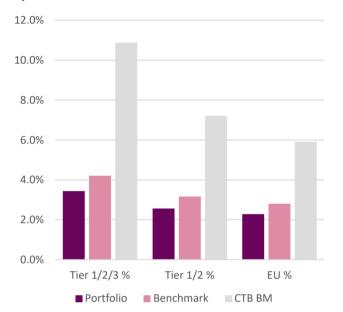
Green Revenues and TPI Management Quality Portfolio Profile

Portfolio name: Index name: CTB comparison: Date of holdings: Brunel UK Active Portfolio FTSE All Share (alla) Ex-CEI FTSE All-Share Climate Transition (CTB) Index (asxectbc) 31/12/2022 (benchmarks as of 30/12)

#### **Green Revenues**

#### Weighted average of green revenues (GR)

% of GR in total revenues



## Coverage rate

% of available data in weights



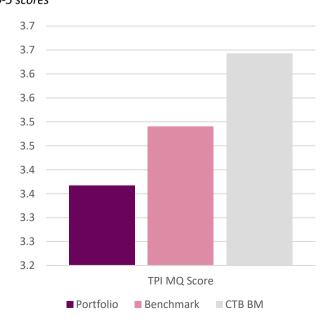
### Data

% of GR in total revenues (2021)

	Tier 1/2/3 %	Tier 1/2 %	EU %	
Portfolio	3.4%	2.6%	2.3%	
Benchmark	4.2%	3.2%	2.8%	
CTB BM	10.9%	7.2%	5.9%	

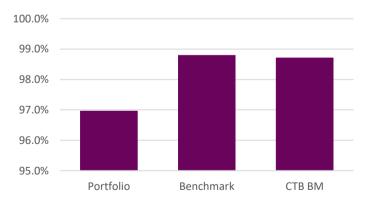
### **TPI Management Quality**

#### Weighted average of TPI MQ scores 0-5 scores



### Coverage rate

% of available data in weights



Data

	TPI MQ Score
Portfolio	3.4
Benchmark	3.5
СТВ ВМ	3.6

## **Brunel Pension Partnership**

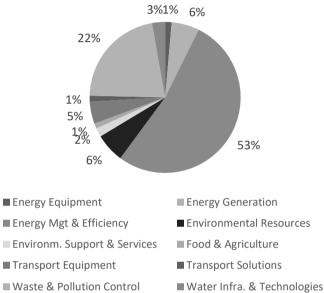
Green Revenues and TPI Management Quality Portfolio Profile



03/04/2023

#### Green Revenues - Segment breakdown

## **GR portfolio breakdown by GRCS sector** % of GR in tier 1/2 revenues: split by sector



## Data

% of GR in tier 1/2 revenues: split by sector

Sector	WA contrib.	GR breakdown
Energy Equipment	0.0%	1.4%
Energy Generation	0.2%	5.9%
Energy Mgt & Efficiency	1.4%	52.8%
Environmental Resources	0.2%	6.3%
Environm. Support & Services	0.0%	1.9%
Food & Agriculture	0.0%	1.1%
Transport Equipment	0.1%	4.8%
Transport Solutions	0.0%	1.3%
Waste & Pollution Control	0.6%	21.8%
Water Infra. & Technologies	0.1%	2.8%
Total	2.6%	100.0%

### Green Revenues - Top 10 portfolio contributors

## Green revenues - Top portfolio contributors

Top 10 contributors to the weighted average

Rank	Company	Rebased Wt	Tier 1/2 %	WA Contrib.
1	PERSIMMON PLC	0.9%	95.5%	0.9%
2	VOLUTION GROUP PLC	0.5%	62.1%	0.3%
3	DS SMITH PLC	0.5%	55.0%	0.3%
4	SHELL PLC	4.2%	4.0%	0.2%
5	DRAX GROUP PLC	0.3%	51.0%	0.2%
6	VICTREX PLC	0.4%	29.8%	0.1%
7	HALMA PLC	0.4%	20.0%	0.1%
8	GLENCORE PLC	3.6%	2.1%	0.1%
9	JOHNSON MATTHEY PLC	0.4%	18.5%	0.1%
10	BALFOUR BEATTY PLC	0.2%	25.1%	0.1%

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## **Brunel Pension Partnership**

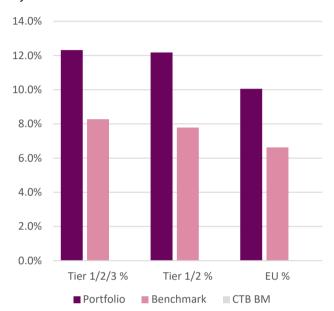
Green Revenues and TPI Management Quality Portfolio Profile

Portfolio name:Brunel Smaller CompaniesIndex name:FTSE Developed All-Cap (ylgzc) Small cap Ex-POL-KORCTB comparison:31/12/2022 (benchmarks as of 30/12)

### **Green Revenues**

#### Weighted average of green revenues (GR)

% of GR in total revenues



## Coverage rate

% of available data in weights



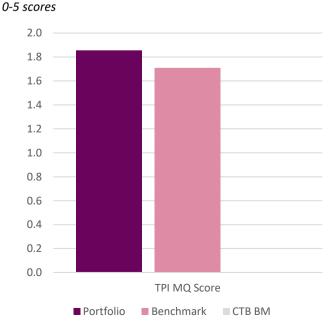
### Data

% of GR in total revenues (2021)

	Tier 1/2/3 %	Tier 1/2 %	EU %
Portfolio	12.3%	12.2%	10.1%
Benchmark	8.3%	7.8%	6.6%
CTB BM	na	na	na

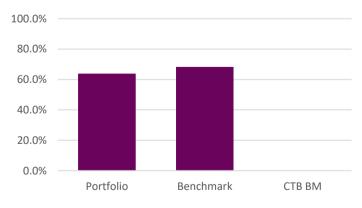
#### **TPI Management Quality**

## Weighted average of TPI MQ scores



## Coverage rate

% of available data in weights



#### Data

	TPI MQ Score
Portfolio	1.9
Benchmark	1.7
СТВ ВМ	na

## **Brunel Pension Partnership**

Green Revenues and TPI Management Quality Portfolio Profile

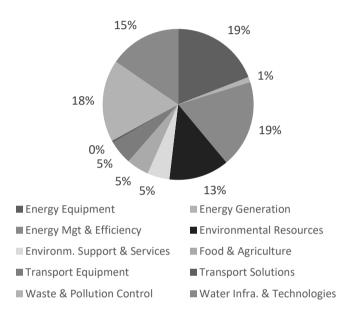


03/04/2023

#### Green Revenues - Segment breakdown

### GR portfolio breakdown by GRCS sector

% of GR in tier 1/2 revenues: split by sector



## Data

% of GR in tier 1/2 revenues: split by sector

Sector	WA contrib.	GR breakdown
Energy Equipment	2.3%	19.1%
Energy Generation	0.1%	1.1%
Energy Mgt & Efficiency	2.3%	18.7%
Environmental Resources	1.6%	12.9%
Environm. Support & Services	0.6%	4.8%
Food & Agriculture	0.6%	4.8%
Transport Equipment	0.6%	5.1%
Transport Solutions	0.1%	0.5%
Waste & Pollution Control	2.1%	17.6%
Water Infra. & Technologies	1.9%	15.4%
Total	12.2%	100.0%

### Green Revenues - Top 10 portfolio contributors

#### Green revenues - Top portfolio contributors

Top 10 contributors to the weighted average

Rank	Company	Rebased Wt	Tier 1/2 %	WA Contrib.
1	BEFESA SA	1.2%	100.0%	1.2%
2	SOLAREDGE TECHNOLOGIES INC	1.2%	95.5%	1.2%
3	FIRST SOLAR INC	1.1%	100.0%	1.1%
4	ENERSYS	1.0%	86.0%	0.9%
5	TREX CO INC	1.0%	87.3%	0.8%
6	CLEAN HARBORS INC	0.7%	96.9%	0.6%
7	WEST FRASER TIMBER CO LTD	0.6%	91.9%	0.5%
8	COMMERCIAL METALS CO	0.5%	84.3%	0.4%
9	MUELLER WATER PRODUCTS INC	0.8%	55.0%	0.4%
10	EVOQUA WATER TECHNOLOGIES CORP	0.5%	89.6%	0.4%

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## **Brunel Pension Partnership**

Green Revenues and TPI Management Quality Portfolio Profile

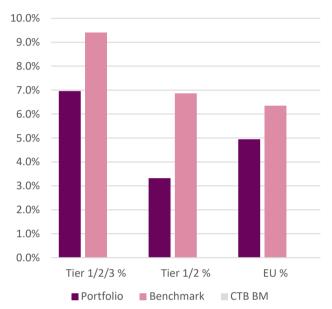
Portfolio name: Index name: CTB comparison: Date of holdings: Brunel Sterling Corporate Bond Fund WorldBIG Corporate Index - GBP

31/12/2022 (benchmarks as of 30/12)

### **Green Revenues**

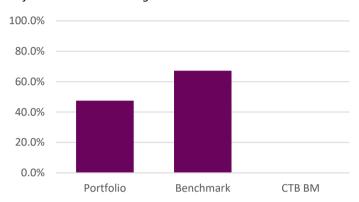
#### Weighted average of green revenues (GR)

% of GR in total revenues



## Coverage rate

% of available data in weights



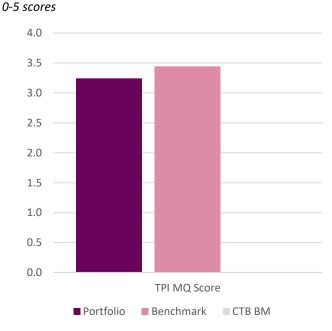
### Data

% of GR in total revenues (2021)

	Tier 1/2/3 %	Tier 1/2 %	EU %	
Portfolio	7.0%	3.3%	4.9%	
Benchmark	9.4%	6.9%	6.3%	
CTB BM	na	na	na	

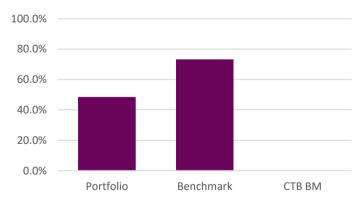
#### **TPI Management Quality**

## Weighted average of TPI MQ scores



### Coverage rate

% of available data in weights



Data

	TPI MQ Score
Portfolio	3.2
Benchmark	3.4
СТВ ВМ	na

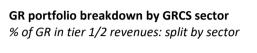
## **Brunel Pension Partnership**

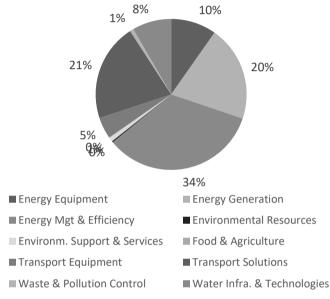
Green Revenues and TPI Management Quality Portfolio Profile



03/04/2023

#### Green Revenues - Segment breakdown





## Data

% of GR in tier 1/2 revenues: split by sector

Sector	WA contrib.	GR breakdown
Energy Equipment	0.3%	9.8%
Energy Generation	0.7%	20.4%
Energy Mgt & Efficiency	1.1%	33.9%
Environmental Resources	0.0%	0.3%
Environm. Support & Services	0.0%	1.0%
Food & Agriculture	0.0%	0.0%
Transport Equipment	0.2%	4.6%
Transport Solutions	0.7%	20.9%
Waste & Pollution Control	0.0%	0.8%
Water Infra. & Technologies	0.3%	8.4%
Total	3.3%	100.0%

#### Green Revenues - Top 10 portfolio contributors

### Green revenues - Top portfolio contributors

Top 10 contributors to the weighted average

Rank	Company	Rebased Wt	Tier 1/2 %	WA Contrib.
1	GO-AHEAD GROUP PLC	0.8%	73.2%	0.6%
2	BRITLD-BEARER BD	1.2%	28.2%	0.4%
3	ORSTED A/S	0.5%	60.1%	0.3%
4	CONNECT M77/GSO PLC	0.8%	25.1%	0.2%
5	BRITISH LAND INT'L	0.6%	28.2%	0.2%
6	E.ON INTL FINANCE BV	0.6%	27.7%	0.2%
7	ELECTRICITE DE FRANCE SA	1.5%	10.2%	0.2%
8	GENERAL ELECTRIC CO	0.7%	21.8%	0.2%
9	SOUTH WEST WATER FIN PLC	0.2%	73.9%	0.1%
10	ELECTRICITE DE FRANCE SA	1.2%	10.2%	0.1%

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## **Brunel Pension Partnership**

Green Revenues and TPI Management Quality Portfolio Profile

nagement Quality Portfolio Profile
BRUNEL
Pension Partnership
Brunel - FTSE Climate Transition World Developed Equity Index Fund (OFC)



03/04/2023

Portfolio name: Index name: CTB comparison: Date of holdings:

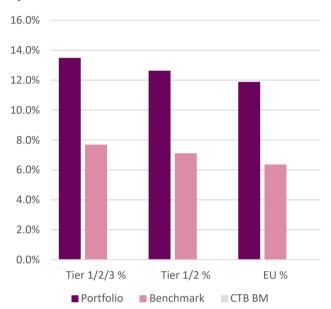
FTSE All World Developed (awdc)

31/12/2022 (benchmarks as of 30/12)

### **Green Revenues**

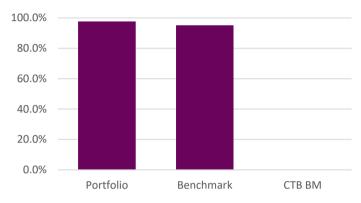
### Weighted average of green revenues (GR)





## Coverage rate

% of available data in weights



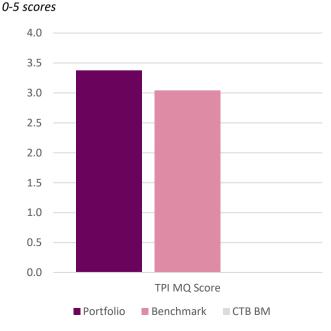
## Data

% of GR in total revenues (2021)

	Tier 1/2/3 %	Tier 1/2 %	EU %	
Portfolio	13.5%	12.6%	11.9%	
Benchmark	7.7%	7.1%	6.4%	
CTB BM	na	na	na	

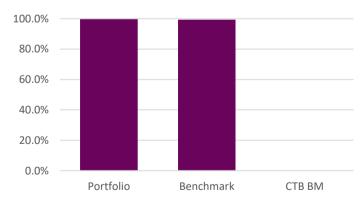
### **TPI Management Quality**

## Weighted average of TPI MQ scores



### Coverage rate

% of available data in weights



#### Data

	TPI MQ Score
Portfolio	3.4
Benchmark	3.0
СТВ ВМ	na

## **Brunel Pension Partnership**

Green Revenues and TPI Management Quality Portfolio Profile

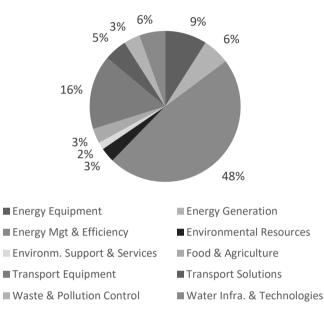


03/04/2023

#### Green Revenues - Segment breakdown

## GR portfolio breakdown by GRCS sector

% of GR in tier 1/2 revenues: split by sector



### Data

% of GR in tier 1/2 revenues: split by sector

Sector	WA contrib.	GR breakdown
Energy Equipment	1.1%	9.0%
Energy Generation	0.7%	5.8%
Energy Mgt & Efficiency	6.0%	47.5%
Environmental Resources	0.4%	3.1%
Environm. Support & Services	0.2%	1.6%
Food & Agriculture	0.4%	3.2%
Transport Equipment	2.0%	15.9%
Transport Solutions	0.6%	4.9%
Waste & Pollution Control	0.4%	3.5%
Water Infra. & Technologies	0.7%	5.6%
Total	12.6%	100.0%

#### Green Revenues - Top 10 portfolio contributors

### Green revenues - Top portfolio contributors

Top 10 contributors to the weighted average

Rank	Company	Rebased Wt	Tier 1/2 %	WA Contrib.
1	MICROSOFT CORP	4.9%	26.6%	1.3%
2	TESLA INC	1.0%	100.0%	1.0%
3	SCHNEIDER ELECTRIC SE	1.4%	67.3%	1.0%
4	AMAZON.COM INC	3.0%	14.3%	0.4%
5	INTERNATIONAL BUSINESS MACHINES CORP	1.1%	33.4%	0.4%
6	VESTAS WIND SYSTEMS A/S	0.3%	100.0%	0.3%
7	TOKYO ELECTRON LTD	0.3%	91.2%	0.3%
8	AMERICAN WATER WORKS CO INC	0.3%	97.0%	0.3%
9	SAP SE	1.0%	24.8%	0.2%
10	EATON CORP PLC	0.4%	58.2%	0.2%

## **Green Revenues definitions**

Tier 1 micro sectors\*

Advanced & Light Materials (General)

The Green Revenues methodology distinguishes between 3 tiers based on the following characteristics.

#### Tier 1 Tier 2 Tier 3 **Clear & significant** Net positive Limited Micro sector examples Micro sector examples Micro sector examples Solar Flood control Nuclear \_ Recyclable products & Materials Waste management Cloud computing Smart city design & Engineering \_ Bio fuels Key raw materials and minerals Tier 2 micro sectors\* Aviation (General) Bio Gas Bio Mass (Waste) Car Clubs Carbon Credits trading Cleaner Power (General) **Cloud Computing** Cogeneration (Gas) Cogeneration (General) Cogeneration Equipment (General) Controls (General) Energy Management Logistics & Support (General) Environmental Consultancies (General) Environmental Testing & Gas Sensing (General) Finance & Investment (General) Flood Control (General) **Fuel Cells General Railways** General Waste Management Hydro (General) IT Processes (General) Large Hydro Natural Disaster Response (General) Non GM Advanced Seeds Railways (General) Railways Operator (General) **Ride Hailing** Shipping (General) Smart City Design & Engineering (General) Sustainable Forestry Sustainable Investment Funds Sustainable Palm Oil Sustainable Planations (General) Sustainable Property Operator (General) Trains (General) Video Conferencing (General) Waste Management (General) Water Treatment (General) Water Treatment Chemicals Water Utilities (General) Tier 3 micro sectors\* Agriculture (General) Aquaculture (Conventional) Aquaculture (General) Bio Fuel (1st & 2nd Generation) Bio Fuel (3rd Generation)

Bio Fuels (General)

Bus and Coach operators

Key Raw Minerals & Metals (General)

Platinum & Platinum-Group Metals (PGM)

Food Safety, Efficient Processing & Sustainable Packaging (General)

Food Safety, Efficient Processing & Sustainable Packaging (with single use

Bio Mass (grown)

**GM** Agriculture

Cobalt

plastic)

Lithium Nuclear (General)

**Rare Earths** 

Uranium

Impact in tiers

Advanced Irrigation Systems & Devices (General) Advanced Vehicle Batteries Air Decontamination Services & Devices Aquaculture (Sustainable) **Bike Sharing Bikes and Bicycles** Buildings & Property (Integrated) (General) Bus and Coach Manufacturers Carbon Capture & Storage **Clean Fossil Fuels** Cogeneration (Biomass) Cogeneration (Renewable) Decontamination Services & Devices (General) Desalination (General) Efficient IT **Electrified Railways** Electrified Road Vehicles & Devices (inc Hydrogen powered) Energy Use Reduction Devices Food Safety, Efficient Processing & Sustainable Packaging (no single use plastic) Geothermal Hazardous Waste Management Industrial Pollution Reduction Industrial Processes (General) Land & Soil Decontamination Services & Devices Land Erosion (General) Lighting (General) Logistics (General) Machinerv Meat & Dairy Alternatives Meteorological Solutions (General) Ocean & Tidal (General) Organic & Low-Impact Farming **Organic Waste Process** Particles & Emission Reduction Devices (General) Power Storage (Battery) Power Storage (General) Power Storage (Pumped Hydro) Railway (Infrastructure) **Recyclable & Reusable Products Recyclable Materials Recyclable Products & Materials (General)** Recycling Equipment (General) **Recycling Services (General)** Road Vehicles (General) Sea & Water Decontamination Services & Devices Small Hydro Smart & Efficient Grids (General) Solar (General) Trains (Electric / Magnetic) **Transport Pollution Reduction** Waste to Energy (General) Water Infrastructure (General) Water Treatment Equipment Wind (General)

\* Based on the most usual classification. There can be exceptions to the above tier definitions as the exact categorisation of green revenues by tier is based on the combination of micro sectors with sector and subsector categories.





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