

PORTFOLIO ASSESSMENT SUMMARY REPORT (TCFD ALIGNED)

LF Prudential Risk
Managed Active
Fund 4

as of : 30/12/2022
Market value : 336,349,589

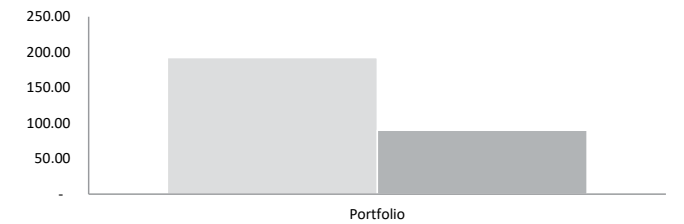
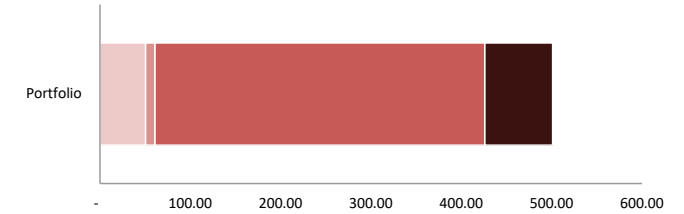
CARBON PERFORMANCE

The analysis of carbon footprint allows investors to quantify the GHG emissions apportioned to their portfolio and/or benchmark, presented as the amount of tCO₂e apportioned to the investor. The lower, the better.

Additionally, carbon intensity allows comparison between different companies or portfolios, irrespective of size and geography.

Carbon Footprint		Portfolio
Scope 1		50.64
Scope 2		10.33
Scope 3 Downstream		365.23
Scope 3 Upstream		74.97

Carbon Intensity		Portfolio
Direct		192.37
First Tier Indirect		90.13



Market Value Covered in %	
ECPI	74.05
S&P Trucost	70.09

Intensity Top 10 Securities	Total Intensity (tCO ₂ e/\$M)
M&g Emerg Mkts Bond-gbp P	510.90
Eastspring Asia L B-eusda	312.25
M&g (Lux) Eurp Ex Uk Eqty	311.59
Eastspring Us Cor Bd-eg H	215.54
M&g Sterling Inv Grade Co	175.14
M&g Gbl Hi Yld Bond Gbp-a	172.38
M&g Blk Uk 200 Equity Z4a	102.84
M&g Japan Eqty Gbpz4a Acc	70.29
M&g Blk Us Eqy Gbpz4a Acc	65.47
Legal&gen Uk Prpty Fd-c A	31.80

Top 10 by Carbon Footprint	Weight	Carbon Footprint Total (tCO ₂ e/\$M)	Carbon Footprint Scope 1 (tCO ₂ e/\$M)	Carbon Footprint Scope 2 (tCO ₂ e/\$M)	Carbon Footprint Scope 3 Downstream (tCO ₂ e/\$M)	Carbon Footprint Scope 3 Upstream (tCO ₂ e/\$M)	Absolute: GHG Direct (tCO ₂ e)	Absolute: GHG First Tier Indirect (tCO ₂ e)	Intensity: GHG Direct (tCO ₂ e/\$M)	Intensity: GHG First Tier Indirect (tCO ₂ e/\$M)
M&g Emerg Mkts Bond-gbp P	3.31	119.48	102.58	16.90	N/A	39.35	7,335,890	2,406,748	455.41	127.38
Eastspring Asia L B-eusda	5.13	115.52	110.67	4.85	N/A	58.43	5,086,939	1,652,938	280.00	101.28
M&g Blk Uk 200 Equity Z4a	6.32	90.53	70.23	20.31	944.76	129.96	2,385,404	2,710,377	105.54	84.94
M&g (Lux) Eurp Ex Uk Eqty	4.55	81.80	70.70	11.10	454.87	119.47	7,707,599	6,723,793	310.84	142.76
M&g Gbl Hi Yld Bond Gbp-a	3.55	64.57	51.30	13.27	N/A	135.83	2,650,913	3,942,421	148.93	97.84
M&g Sterling Inv Grade Co	9.45	58.08	46.77	11.30	388.15	78.48	5,706,144	4,834,368	161.14	69.27
Eastspring Us Cor Bd-eg H	5.42	31.06	25.32	5.74	143.20	42.75	5,385,152	4,818,155	525.40	88.75
M&g Japan Eqty Gbpz4a Acc	3.57	29.30	13.74	15.56	664.72	130.80	1,161,901	3,288,507	43.16	84.98
M&g Blk Us Eqy Gbpz4a Acc	4.14	6.57	4.17	2.40	38.23	23.53	2,860,282	6,141,010	36.76	62.19
Legal&gen Uk Prpty Fd-c A	3.21	1.15	0.33	0.82	13.94	1.69	3,790	17,213	8.42	36.62

FOSSIL FUELS & STRANDED ASSETS

Future emissions from fossil fuel reserves tend to exceed the allowed carbon budget supposed to limit global warming to 2° Celsius above pre-industrial levels.

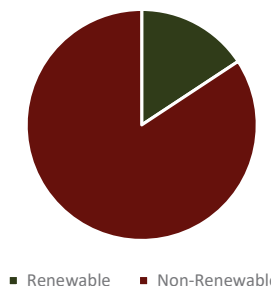
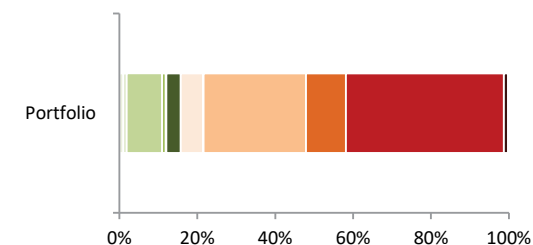
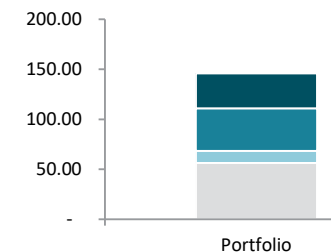
Below the exposure to carbon-related assets as well as holdings in companies that have disclosed proven and probable fossil fuel reserves.

Exposure to Fossil Fuels		Portfolio
% from Fossil Fuels		56.27

Exposure to Coal Activities		Portfolio
% from Metallurgical		12.14
% from Mining		42.46
% from Thermal		34.86

Power Generation in GWh	Portfolio	Percentage
Renewable	32,739.65	16%
Biomass	2,153.11	1%
Geothermal	1,741.75	1%
Hydroelectric	18,950.20	9%
Solar	1,912.47	1%
Wave and Tidal	370.84	0%
Wind	7,611.26	4%

Non-Renewable	175,458.43	84%
Coal	12,011.74	6%
Landfill Gas	177.06	0%
Liquid Natural Gas	54,786.00	26%
Liquid Petroleum Gas	N/A	
Natural Gas	21,289.83	10%
Nuclear	84,427.93	41%
Petroleum Oil	2,328.56	1%
Undefined Sources	437.30	0%



Top 10 by Coal Consumption	Weight	Energy Consumption from Coal (GWh)	Fossil Fuel Exposure	Coal Gasification Exposure	Coal Liquefaction Exposure	Energy Cons Non-Renewable (GWh)	Energy Cons Renewable (GWh)	Energy Prod Non-Renewable (GWh)	Energy Prod Renewable (GWh)
Eastspring Us Cor Bd-eg H	5.42	47,717	✘	✓	✓	21,741	3,421	7,391	2,098
M&g Sterling Inv Grade Co	9.45	15,179	✘	✓	✓	23,935	5,548	20,645	5,027
M&g (Lux) Eurp Ex UK Eqty	4.55	7,404	✘	✓	✓	27,771	3,073	5,542	2,711
M&g Blk UK 200 Equity Z4a	6.32	4,456	✘	✓	✓	3,960	2,234	320	185
M&g Japan Eqty Gbpz4a Acc	3.57	966	✘	✓	✓	3,998	140	-	-
M&g Blk Us Eqy Gbpz4a Acc	4.14	51	✘	✓	✓	3,072	2,452	1,092	42

Top 10 by Coal Mining Revenue	Weight	% Coal Mining Revenue/ Total Revenue	Fossil Fuel Exposure	Coal Gasification Exposure	Coal Liquefaction Exposure	Metallurgical Coal Mining Revenue (\$M)	Coal Mining Revenue (\$M)	Thermal Coal Mining Revenue (\$M)	Undefined Coal Mining Revenue (\$M)
M&g Sterling Inv Grade Co	9.45	8.78	✘	✓	✓	2,655	3,648	993	-
M&g Blk UK 200 Equity Z4a	6.32	6.76	✘	✓	✓	2,174	6,415	4,241	-
Eastspring Us Cor Bd-eg H	5.42	6.68	✘	✓	✓	2,155	6,523	4,367	-
M&g Japan Eqty Gbpz4a Acc	3.57	5.59	✘	✓	✓	2,454	4,301	324	1,859
M&g Emerg Mkts Bond-gbp P	3.31	1.00	✘	✓	✓	N/A	131	131	-
M&g (Lux) Eurp Ex UK Eqty	4.55	0.22	✘	✓	✓	115	115	N/A	-

GREEN TAXONOMY DISCLOSURES

Sustainable product classification and labelling system includes differentiation between products not promoted as sustainable and products promoted as responsible, which may have some sustainable investments. The sustainable products may be split across:

- Aligned => products with sustainable characteristics, themes or objectives; high allocation to Taxonomy-aligned sustainable activities
- Transitioning => products with sustainable characteristics, themes or objectives; low allocation to Taxonomy-aligned sustainable activities

	% Total Not Eligible	% Total Eligible	% Enabling	% Transitional
Portfolio	59.08	37.98	13.32	24.67

	Agriculture	Construction and Real Estate Activities	Electricity, Gas, Steam and A/C Supply	Forestry	ICT	Manufacturing	Transportation and Storage	Water, Sewerage, Waste and Remediation	Multiple Sources
Portfolio	0.02	16.15	4.86	0.01	6.40	7.38	1.37	0.12	1.67

Top 10 by Enabling Activities	Weight									
Legal&gen Uk Prpty Fd-c A	3.21	-	88.17	-	-	-	-	-	-	3.12
M&g Japan Eqty Gbpz4a Acc	3.57	0.01	6.27	0.00	-	8.52	25.53	2.69	0.00	0.23
M&g Blk Uk 200 Equity Z4a	6.32	-	11.64	2.76	-	3.02	3.59	0.60	0.19	2.06
M&g Sterling Inv Grade Co	9.45	-	8.14	11.94	-	11.09	3.93	1.07	0.17	3.97
M&g (Lux) Eurp Ex UK Eqty	4.55	-	1.26	5.06	-	6.34	13.44	3.50	-	0.15
M&g Blk Us Eqy Gbpz4a Acc	4.14	-	2.38	2.20	-	8.57	8.47	0.79	0.20	0.13
Eastspring Us Cor Bd-eg H	5.42	-	2.92	9.97	0.05	10.22	3.92	1.04	0.41	0.51
M&g Emerg Mkts Bond-gbp P	3.31	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
M&g Earnst Prtnr Us Small	0.33	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
M&g European Fnd Eur Npv	0.40	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

TOWARDS NET-ZERO

The international Paris Agreement on climate change mentions 3 long-term goals: The first 2 focus on climate mitigation and adaptation, while the 3rd is “to make all financial flows consistent with a pathway towards low-emissions, climate-resilient development”. This recognizes the key role that financial institutions play in realising the Paris Climate Agreement – including the need to achieve net-zero emissions by mid-century and reduce emissions 50% by 2030.

	2°C Aligned Intensity Adjusted Profit (tCO ₂ e/\$M)	Alignment Gap Well Below 2°C (tCO ₂ e)	Alignment Gap 2°C (tCO ₂ e)	Alignment Gap 3°C (tCO ₂ e)	Alignment Gap 4°C (tCO ₂ e)	Alignment Gap 5°C (tCO ₂ e)
Portfolio	510.86	6,483,415	-4,227,633	-10,536,320	-3,271,865	-4,344,704

Top 10 by Weight	Weight	Alignment Gap Well Below 2°C (tCO ₂ e)	Alignment Gap 2°C (tCO ₂ e)	Alignment Gap 3°C (tCO ₂ e)	Alignment Gap 4°C (tCO ₂ e)	Alignment Gap 5°C (tCO ₂ e)	Type	Methodology	Source of Forward Looking Data
M&g Sterling Inv Grade Co	9.45	-20,060,376	-35,617,106	-46,111,153	-11,547,929	-13,026,167	<1.5°C	GEVA	Company target
M&g Blk Uk 200 Equity Z4a	6.32	9,988,008	3,096,380	-1,074,171	-1,036,116	-1,737,323	<1.5°C	GEVA	Sub-Industry trend
Eastspring Us Cor Bd-eg H	5.42	6,740,119	-8,302,105	-18,494,919	-12,714,775	-14,251,243	<1.5°C	GEVA	Company target
M&g (Lux) Eurp Ex Uk Eqty	4.55	26,848,649	8,155,882	2,502,879	5,397,347	3,736,346	>5°C	GEVA	Company target
M&g Blk Us Eqy Gbpz4a Acc	4.14	12,636,343	3,011,443	-3,949,861	-3,683,510	-4,748,353	<1.5°C	GEVA	Company target
M&g Japan Eqty Gbpz4a Acc	3.57	6,822,407	97,800	-3,804,394	-5,373,655	-6,070,647	>5°C	GEVA	Company target
Legal&gen Uk Prpty Fd-c A	3.21	-28,441	-115,155	-167,399	-183,141	-192,656	<1.5°C	GEVA	Company target

SCENARIO ANALYSIS

The assessment of physical risks is key as they also (or mostly) result from climate change. Companies are scored 1-100 for each of the key hazard risk types (coldwave, heatwave, hurricane, floods, wildfire, water stress etc).

The assessment is made available across different climate change scenarios (low, medium, high) and future reference years (2030, 2050).

Sensitivity	Low			Medium			High		
	2020	2030	2050	2020	2030	2050	2020	2030	2050
Composite	24.82	24.53	24.59	24.74	24.48	24.51	24.89	24.36	25.24
Coldwave	37.88	33.25	29.70	37.88	32.23	25.39	37.88	30.93	19.29
Flood	3.10	2.87	2.91	3.10	2.87	2.91	3.10	2.85	2.90
Heatwave	8.78	10.99	12.65	8.17	10.57	10.85	9.47	12.71	21.39
Hurricane	6.51	N/A	N/A	0.01	N/A	N/A	0.01	N/A	N/A
Sea Level Rise	4.70	4.82	5.89	4.70	4.81	7.01	4.70	4.82	8.68
Water Stress	55.58	56.04	56.91	55.58	56.04	56.89	55.58	54.90	53.61
Wildfire	11.24	11.28	10.84	11.24	11.72	12.09	11.24	11.41	11.92

Top 10 by Weight	Weight	Sensitivity Composite Score 2020 (High Scenario)	Coldwave Score 2020 (High Scenario)	Flood Score 2020 (High Scenario)	Heatwave Score 2020 (High Scenario)	Hurricane Score 2020 (High Scenario)	Sea Level Rise Score 2020 (High Scenario)	Water Stress Score 2020 (High Scenario)	Wildfire Score 2020 (High Scenario)
M&g Sterling Inv Grade Co	9.45	20.87	39.44	3.36	9.14	0.01	4.52	50.97	11.24
M&g Blk Uk 200 Equity Z4a	6.32	26.08	38.60	2.74	8.76	N/A	4.36	54.97	8.76
Eastspring Us Cor Bd-eg H	5.42	23.44	38.64	3.39	10.17	N/A	2.94	55.73	19.30
M&g (Lux) Eurp Ex Uk Eqty	4.55	26.59	39.38	4.23	8.94	0.02	4.48	44.32	7.59
M&g Blk Us Eqy Gbpz4a Acc	4.14	24.53	37.95	2.88	10.12	N/A	3.46	61.11	17.74
M&g Japan Eqty Gbpz4a Acc	3.57	27.53	32.78	2.67	10.88	N/A	3.76	58.46	12.59
Legal&gen Uk Prpty Fd-c A	3.21	13.43	40.25	1.55	7.88	N/A	5.14	64.15	2.25