

The background of the slide is a photograph of a dense green forest. Overlaid on the image is a semi-transparent, white geometric network of lines and nodes, resembling a digital or data structure. The text is centered in the upper left quadrant.

PORTFOLIO ASSESSMENT SUMMARY REPORT (TCFD ALIGNED)

LF Lightman European
Fund

as of : 30/12/2022
Market value : 522,160,815

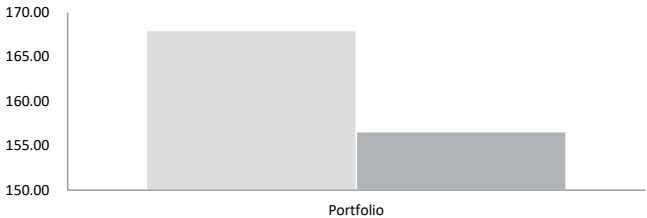
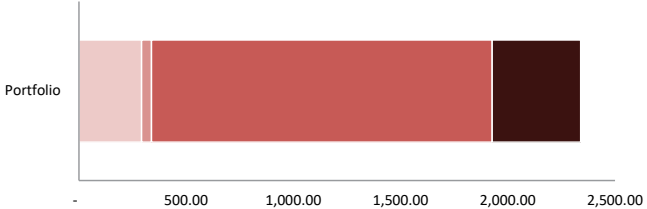
CARBON PERFORMANCE

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		291.73
Scope 2		46.88
Scope 3 Downstream		1,588.91
Scope 3 Upstream		412.16

Carbon Intensity		Portfolio
Direct		167.99
First Tier Indirect		156.59



Market Value Covered in %	
ECPI	98.83
S&P Trucost	95.67

Intensity Top 10 Securities	Total Intensity (tCO ₂ e/\$M)
Vallourec Sa Eur 0.02	775.66
Repsol Sa Eur1	377.97
Telefonica Sa Eur 1	29.46
Metso Outotec. Npv	27.73
Bankinter Sa Eur0.3(Regd	4.17
Caixabank Sa Eur1	3.48
Bank Of Ireland Group Plc	3.20
Danske Bank A/s Dkk10	1.26
Svenska Handelsbanken Ser'a'npv (P/s)	1.13
Abn Amro Bank Nv-cva	0.85

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)
Vallourec Sa Eur 0.02	3.07	895.67	771.98	123.69	1,427.57	1,239.33	4,664,187	3,278,126	1,145.88	805.36
Repsol Sa Eur1	3.33	763.74	748.54	15.20	12,265.21	963.93	19,507,594	17,523,382	370.45	332.77
Telefonica Sa Eur 1	3.01	18.37	2.41	15.96	0.01	32.56	183,240	1,614,877	3.87	34.10
Metso Outotec. Npv	4.14	14.69	4.76	9.93	261.61	200.90	44,997	904,700	8.98	180.60

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.

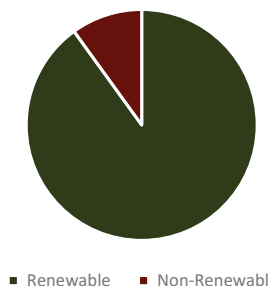
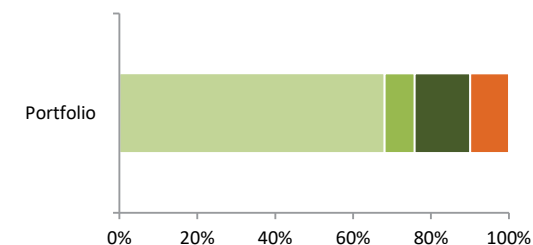
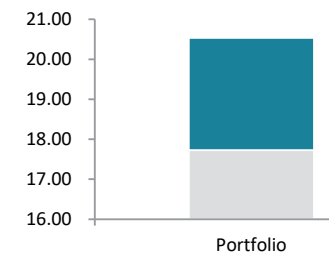
Below the exposure to carbon-related assets as well as holdings in companies that have disclosed proven and probable fossil fuel reserves.

Exposure to Fossil Fuels		Portfolio
% from Fossil Fuels		17.73

Exposure to Coal Activities		Portfolio
% from Metallurgical		N/A
% from Mining		2.81
% from Thermal		N/A

Power Generation in GWh	Portfolio	Percentage
Renewable	11,978.03	90%
Biomass	N/A	
Geothermal	N/A	
Hydroelectric	9,055.00	68%
Solar	1,032.58	8%
Wave and Tidal	N/A	
Wind	1,890.45	14%

Non-Renewable	1,325.00	10%
Coal	N/A	
Landfill Gas	N/A	
Liquid Natural Gas	N/A	
Liquid Petroleum Gas	N/A	
Natural Gas	1,325.00	10%
Nuclear	N/A	
Petroleum Oil	N/A	
Undefined Sources	N/A	



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)
Vallourec Sa Eur 0.02	3.07	1,968	✓	✓	✓	5,536	N/A	-	-

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)

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	69.17	30.83	11.69	19.14

	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	-	-	0.58	-	7.70	19.65	2.84	0.06	-

Top 10 by Enabling Activities	Weight									
Telefonica Sa Eur 1	3.01	-	-	-	-	100.00	-	-	-	-
Abn Amro Bank Nv-cva	3.35	-	-	-	-	-	-	-	-	-
Bankinter Sa Eur0.3(Regd)	4.43	-	-	-	-	-	-	-	-	-
Svenska Handelsbanken Ser'a'npv (P/s)	3.80	-	-	-	-	-	-	-	-	-
Caixabank Sa Eur1	4.96	-	-	-	-	-	-	-	-	-
Repsol Sa Eur1	3.33	-	-	-	-	-	-	-	-	-
Vallourec Sa Eur 0.02	3.07	-	-	-	-	-	100.00	-	-	-
Bank Of Ireland Group Plc	4.54	-	-	-	-	-	-	-	-	-
Danske Bank A/s Dkk10	3.45	-	-	-	-	-	-	-	-	-
Pfizer Inc Usd 0.05	2.78	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	698.54	28,389,916	20,563,857	14,638,938	15,054,084	14,265,383

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
Caixabank Sa Eur1	4.96	168,996	66,022	3,963	-14,761	-25,998	2-3°C	GEVA	Company target
Bank Of Ireland Group Plc	4.54	86,669	49,200	27,215	20,766	16,627	>5°C	GEVA	Sub-Industry trend
Bankinter Sa Eur0.3(Regd)	4.43	-44,986	-80,768	-102,284	-108,772	-112,661	<1.5°C	GEVA	Sub-Industry trend
Metso Outotec. Npv	4.14	N/A	N/A	N/A	N/A	N/A	1.5-2°C	GEVA Modelled Including Constant Intensity	Sub-Industry trend
Svenska Handelsbanken Ser'a'npv (P/s)	3.80	69,493	53,204	43,515	40,601	38,867	3-4°C	GEVA	Company target
Danske Bank A/s Dkk10	3.45	-79,344	-150,068	-192,072	-204,699	-212,204	<1.5°C	GEVA	Sub-Industry trend
Abn Amro Bank Nv-cva	3.35	29,342	-42,594	-84,806	-97,292	-105,051	<1.5°C	GEVA	Sub-Industry trend
Repsol Sa Eur1	3.33	162,534,866	140,945,553	128,086,264	124,217,856	121,914,006	>5°C	GEVA	Company target
Vallourec Sa Eur 0.02	3.07	33,861,859	32,093,213	31,012,409	30,685,527	30,485,239	>5°C	GEVA	Sub-Industry trend
Telefonica Sa Eur 1	3.01	15,752,019	13,374,337	11,981,925	11,564,723	11,320,002	>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	20.85	20.39	20.47	20.84	20.50	20.76	20.85	20.44	21.06
Coldwave	39.16	34.97	30.34	39.16	32.36	26.96	39.16	31.46	18.44
Flood	3.72	2.76	2.84	3.72	2.76	2.84	3.72	3.00	2.98
Heatwave	7.47	9.23	10.72	7.02	8.82	8.82	7.95	10.80	17.74
Hurricane	3.02	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sea Level Rise	5.17	5.31	5.86	5.17	5.34	6.39	5.17	5.34	8.56
Water Stress	41.32	42.89	45.88	41.32	42.89	45.88	41.32	42.64	43.01
Wildfire	8.19	8.17	8.03	8.19	8.76	9.09	8.19	8.25	8.78

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)
Caixabank Sa Eur1	4.96	3.00	38.00	3.00	8.00	N/A	1.00	74.00	5.00
Bank Of Ireland Group Plc	4.54	2.00	38.00	2.00	7.00	N/A	3.00	29.00	2.00
Bankinter Sa Eur0.3(Regd)	4.43	3.00	38.00	3.00	8.00	N/A	1.00	70.00	4.00
Svenska Handelsbanken Ser'a'npv (P/s)	3.80	2.00	39.00	5.00	6.00	N/A	4.00	27.00	3.00
Danske Bank A/s Dkk10	3.45	2.00	41.00	4.00	5.00	N/A	1.00	14.00	2.00
Abn Amro Bank Nv-cva	3.35	3.00	44.00	3.00	6.00	N/A	24.00	35.00	2.00
Repsol Sa Eur1	3.33	18.00	40.00	3.00	8.00	N/A	3.00	52.00	10.00
Vallourec Sa Eur 0.02	3.07	45.00	43.00	6.00	11.00	N/A	1.00	48.00	5.00
Telefonica Sa Eur 1	3.01	14.00	35.00	2.00	10.00	N/A	2.00	61.00	8.00