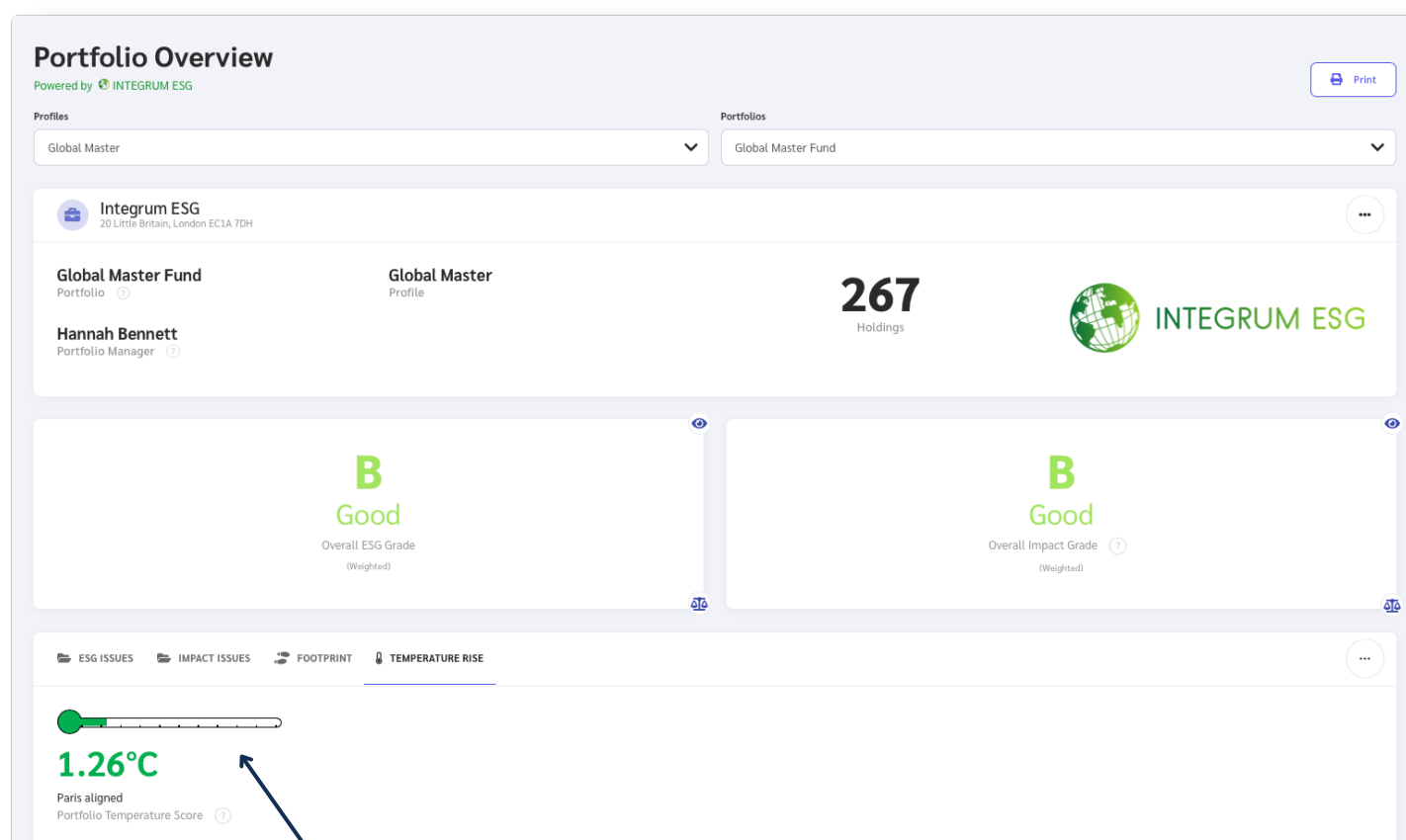


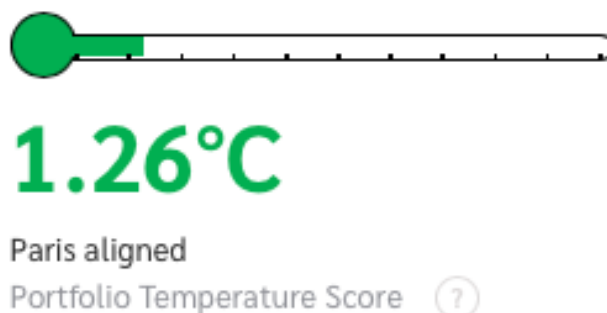


Temperature Score

Integrum ESG shows you the ESG risks and footprints of any uploaded portfolio but we also calculate a temperature score for every uploaded portfolio.



This value is the level of global warming - in degrees centigrade - that would be created if this portfolio represented the global economy.



The methodology is based on the recently released Cambridge University model - which we explain within this tool tip.

This 'temperature score' is based on the Cambridge University model, set out in the report 'Understanding the Climate Performance of Investment Funds' (Cambridge Institute for Sustainable Leadership, July 2021). The calculation has four stages.

Firstly it calculates the CERI (Carbon Emissions Revenue Intensity) of the portfolio. Secondly it uses this to calculate the EGE (Equivalent Global Emissions); which postulates what global emissions would be if this portfolio represented the global economy.

Thirdly, it projects total emissions to the year 2100 in order to calculate the CCE (Cumulative CO2 Emissions). This is where you can enter an estimated emissions reduction rate for some or all of the companies in the portfolio.

Finally, it converts the cumulative emissions from step 3 into an ITR (Implied Temperature Rise), using the findings and equations published by the IPCC. This ITR is displayed here as the Temperature Score of the portfolio.

The UN Paris Agreement binds its signatories to a goal of limiting global warming to well below 2 degrees Celsius, preferably to 1.5 degrees Celsius, compared to pre-industrial temperatures. We label a temperature score of 1.5°C or below as 'Paris Aligned'. We label 1.5-2°C as 'Approaching Paris Aligned' and any score above 2°C as 'Not Paris Aligned'.

Paris Aligned

Portfolio Temperature Score ?

Global Master Fund ABN AMRO Bank

Temperature Rise Calculation

You can scroll across the portfolio, to see which holdings are making the greatest contribution to the overall temperature score.

	Global Master Fund	ABN AMRO Bank	Aegon	AES Corp	Ageas
Temperature Rise Calculation					
Total holding emissions (tCO ₂ e)	220,955,790	9,380	5,095	43,217,000	10,973
Holding emissions relative to value (tCO ₂ e/\$1M)		1.317	0.346	1,303	0.990
Holding as % of portfolio		0.004%	0.004%	0.008%	0.004%
Carbon footprint from this holding (tCO ₂ e/\$1M)		0.000	0.000	0.109	0.000

Remember that Integrum ESG scores are always customisable. You can enter emissions reduction trajectories for any company - and this will be reflected in the overall temperature score.

Temperature Rise Calculation			
Total holding emissions (tCO ₂ e)	220,955,790	9,380	5,095
Holding emissions relative to value (tCO ₂ e/\$1M)		1.317	0.346
Holding as % of portfolio		0.004%	0.004%
Carbon footprint from this holding (tCO ₂ e/\$1M)		0.000	0.000
Customisable			
Estimated YoY emissions reduction rate of holding	0%	0%	0%

'ERR' is the estimated year on year reduction rate of each company (or weighted average for your portfolio) that you have entered. Click on a cell to change the value for a company. This will be saved to your profile, hence this feature is unavailable for the default uncustomised profile.

Edit ERR for Aegon

-4

Cancel

Save

	Global Master Fund	ABN AMRO Bank	Aegon
Temperature Rise Calculation			
Total holding emissions (tCO ₂ e)	220,955,790	9,380	5,095
Holding emissions relative to value (tCO ₂ e/\$1M)		1.317	0.346
Holding as % of portfolio		0.004%	0.004%
Carbon footprint from this holding (tCO ₂ e/\$1M)		0.000	0.000
Customisable			
Estimated YoY emissions reduction rate of holding	-0.000%	0%	-4%

We will continue to show the forecast temperature score at steady-state emissions and you can compare this to the temperature score that reflects your own emission projections.



Customisable	
Estimated YoY emissions reduction rate of holding	-11.40%
% of portfolio with numbers not disclosed	0.180%
Portfolio CERl	0.000000002858
Portfolio Temperature Score	1.24°C
Temperature score at steady-state emissions	1.26°C
Temperature score before any gross-up for non-disclosure	1.26°C

There it is: a transparent, customisable and easy-to-understand portfolio temperature score, now available to asset owners as well as asset managers.

ESG ISSUES

IMPACT ISSUES

FOOTPRINT

TEMPERATURE RISE

1.24°C

Paris aligned

Portfolio Temperature Score

No table data to display.

Temperature Rise Calculation

Total holding emissions (tCO ₂ e)	220,955,790	9,380	5,095	43,217,000	10,973	40,800,000	N/D
Holding emissions relative to value (tCO ₂ e/\$1M)		1.317	0.346	1.303	0.990	7.120	N/D
Holding as % of portfolio		0.004%	0.004%	0.008%	0.004%	0.011%	0.004%
Carbon footprint from this holding (tCO ₂ e/\$1M)		0.000	0.000	0.109	0.000	0.805	N/D
Customisable							
Estimated YoY emissions reduction rate of holding	-11.40%	0%	-4%	0%	0%	0%	N/A
% of portfolio with numbers not disclosed	0.180%						
Portfolio CERl	0.000000002858						
Portfolio Temperature Score	1.24°C						
Temperature score at steady-state emissions	1.26°C						
Temperature score before any gross-up for non-disclosure	1.26°C						

If you would like a quick demo of the temperature score, or would like details on the calculation methodology, please just email contact@integrumesg.com