

## OVERVIEW

The Index is an equally weighted index (40 Components) designed to offer investors exposure to companies most exposed to the sustainable hydrogen economy.

## KEY DATA

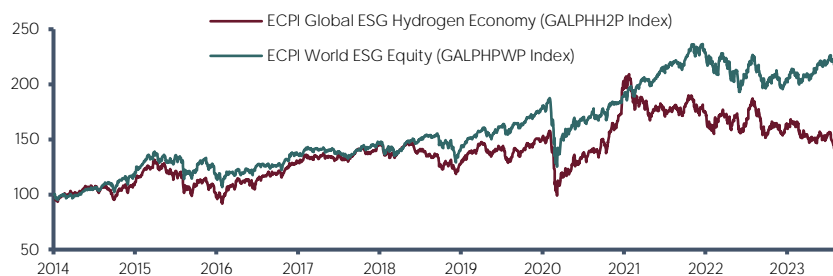
<b>Ticker</b>	GALPHH2P - GALPHH2R - GALPHH2N	<b>Currency</b>	EUR and LC
<b>Weighting</b>	Equal Weighted	<b>Historical Series Since</b>	January 17, 2014
<b>Rebalancing Frequency</b>	Semi Annual	<b>Index Rules</b>	<a href="https://www.ecpigroup.com/">https://www.ecpigroup.com/</a>

## CONSTITUENTS SELECTION: METHODOLOGY

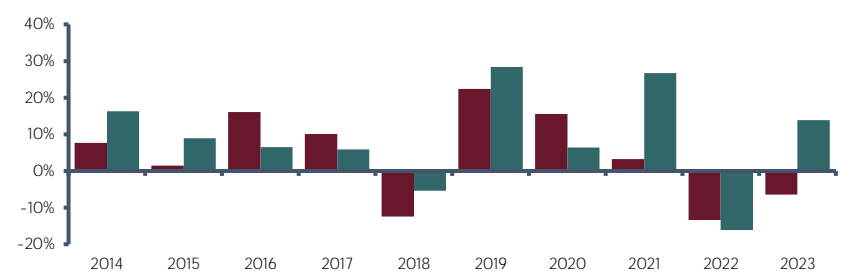
The ECPI ESG Rating Methodology is a rule based process focusing on a company's Environmental, Social and Governance performance. ECPI ESG Rating is a synthetic measure of these performances, based on a set of indicators defined by the ECPI ESG Rating Methodology. The ECPI Rating scale goes from F (Ineligible) to EEE, with EEE being the highest grade.



## HISTORICAL PERFORMANCE



## ANNUAL PERFORMANCE



RELATIVE ANALYSIS	GALPHH2P	GALPHPWP
Alpha Wrt Comparable	-3.02%	
Beta Wrt Comparable	0.89	
Sharpe Ratio	0.17	0.50
Information Ratio	-0.39	

FUNDAMENTALS	
Dividend Yield	1.74
Price/Earning Trailing	25.98
Price/Earning Forward	21.96
Price/Book Value	1.43
Price/Cash Flow	8.75
Price/Sales	0.69

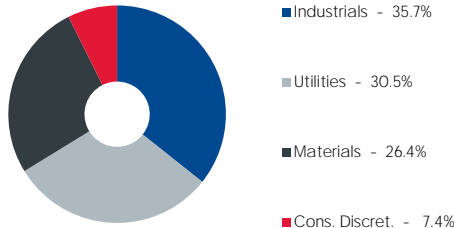
RETURN	GALPHH2P	GALPHPWP
YTD	-6.47%	13.88%
1Y	-17.29%	5.42%
3Y	4.04%	29.03%
5Y	6.47%	45.63%
7Y	22.37%	77.05%
CAGR	3.90%	8.74%
Data From/To	01/17/2014	08/31/2023

RETURN	GALPHH2P	GALPHPWP
Annual Volatility	17.21%	15.46%
Var 95%	-28.39%	-25.51%
Var 99%	-40.09%	-36.02%
Max Drawdown	-37.33%	-33.26%
Start of Max Dd Period	02/19/2020	02/19/2020
End of Max Dd	03/23/2020	03/23/2020
End of Recovery Period	11/20/2020	01/08/2021

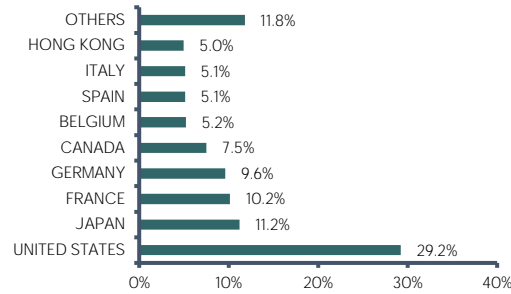
## INDEX CHARACTERISTICS

<b>Components</b>	40	<b>Largest Mkt Cap (Eur)</b>	174,592,180,292.07	
<b>Micro-cap</b>	0	0.00%	<b>Smallest Mkt Cap (Eur)</b>	523,356,336.67
<b>Small-cap</b>	4	10.20%	<b>Average Mkt Cap (Eur)</b>	21,775,440,538.04
<b>Mid-cap</b>	23	57.17%	<b>Median Mkt Cap (Eur)</b>	4,531,812,762.71
<b>Large-cap</b>	13	32.64%	<b>Index Mkt Cap (Eur)</b>	871,017,621,521.68
<b>Mega-cap</b>	0	0.00%	<b>Top 10 Holdings Weight</b>	27.95%

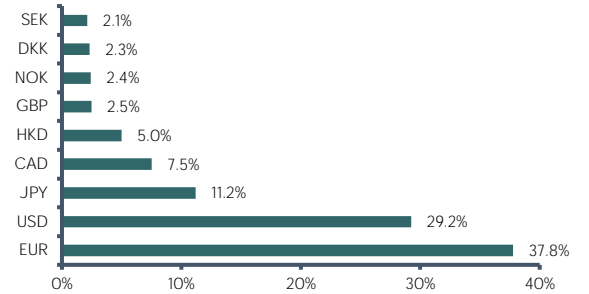
## INDUSTRY SECTOR BREAKDOWN



## COUNTRY BREAKDOWN



## CURRENCY BREAKDOWN



## ESG RATINGS OF THE BENCHMARK

ESG RATING	EE
ENVIRONMENTAL RATING	EE
SOCIAL RATING	EE
GOVERNANCE RATING	EE-

## ESG RATINGS DISTRIBUTION OF THE CONSTITUENTS



## TOP 10 POSITIONS

COMPANY	WEIGHT	ESG RATING
Taiyo Nippon Sanso Corp	3.10%	EE-
Chart Industries	2.97%	EE-
Solvay	2.80%	EE-
Linde plc	2.79%	E-
Air Liquide	2.79%	EE+

COMPANY	WEIGHT	ESG RATING
JTEKT Corp	2.76%	EE
Mitsubishi Chemical Holdings Corp	2.76%	EE-
Air Products & Chemicals Inc	2.72%	EE+
Enel SpA	2.65%	EE-
Nexans SA	2.61%	EE

## BMR ESG DISCLOSURE

ENVIRONMENTAL		SOCIAL		GOVERNANCE	
High Climate Impact Sector Exp. (%)	93.39	Controversial Weapons Exp. (%)	0.00	Independent Board Members (%)	67.76
GHG intensity (tonnes CO2e/USD mn)	487.01	Tobacco Exposure (%)	0.00	Female Board Members (%)	29.37
GHG reported vs estimated (%)	82.88/17.12	Number Social Violations	0.00		
Brown Sector Exposure (%)	21.49	Adherence to ILO Principles (%)	100.00		
Green Sector Exposure (%)	37.79	Gender Pay Gap (%)	17.96		
Climate-related physical risk score	46.90	Female to Male Board Members	0.47		
		Work Related Accidents (%)	5.18		
		Corruption/Bribery (%)	2.50		

**ESG RATING:** Weighted average ESG rating of the benchmark | **ENV RATING:** Weighted average environmental rating of the benchmark | **SOC RATING:** Weighted average social rating of the benchmark | **GOV RATING:** Weighted average governance rating of the benchmark | **TOP 10 POSITIONS:** Overall ESG rating of top ten benchmark constituents by weighting in the benchmark | **High Climate Impact Sector Exposure (%):** Benchmark exposure to activities included in Sections A to H and Section L of Annex I to Regulation (EC) No 1893/2006 | **GHG intensity (tonnes CO2e/USD mn):** Greenhouse gas (GHG) intensity of the benchmark | **GHG reported vs estimated (%):** Percentage of GHG emissions reported versus estimated | **Brown Sector Exposure (%):** Benchmark exposure to activities included in Divisions 05 to 09, 19 and 20 of Annex I to Regulation (EC) No 1893/2006 | **Green Sector Exposure (%):** Benchmark exposure to activities included in the environmental goods and services sector, as defined in Article 2, point (5) of Regulation (EU) No 691/2011 | **Climate-related physical risk score:** Exposure of the benchmark portfolio to climate-related physical risks, expressed as a weighted average physical risk score with exposure to a moderate climate change scenario in the year 2030. Scores are represented as values from 1 (lowest risk) to 100 (highest risk) | **Controversial Weapons Exposure (%):** Weighted average percentage of benchmark constituents in the controversial weapons sector | **Controversial Weapons definition:** covers cluster munitions, landmines, nuclear and depleted uranium weapons, biological/chemical weapons | **Tobacco Exposure (%):** Weighted average percentage of benchmark constituents in the tobacco sector | **Number of Social Violations:** Number of benchmark constituents subject to very severe controversies related to Human Rights and Labour Rights | **Adherence to ILO Principles:** Weighted average percentage of benchmark constituents with no significant labour related controversies | **Gender Pay Gap (%):** Weighted average gender pay gap | **Female to Male Board Members:** Weighted average ratio of female to male board members | **Work Related Accidents (%):** Weighted average percentage of benchmark constituents with significant health & safety related controversies | **Corruption/Bribery (%):** Weighted average percentage of benchmark constituents with significant corruption/bribery related controversies | **Independent Board Members (%):** Weighted average percentage of board members who are independent | **Female Board Members (%):** Weighted average percentage of female board members

**Mega-cap:** Market cap of €200 billion and greater | **Big-cap:** €10 billion to €200 billion | **Mid-cap:** €2 billion to €10 billion | **Small-cap:** €300 million to €2 billion | **Micro-cap:** €50 million to €300 million

Data source: ECPI, Trucost

For more information on EU ESG Disclosure Regulation and ECPI published ESG dimensions, please refer to ECPI benchmark statements and/or ECPI Index rule ([www.ecpigroup.com](http://www.ecpigroup.com)).

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