# MSCI ACWI IMI Hydrogen and Future Fuels Index (USD)

The MSCI ACWI IMI Hydrogen and Future Fuels Index aims to represent the performance of a set of companies that are associated with the development of new products and services focused on future sources of energy production and technologies for energy efficiency.

For a complete description of the index methodology, please see Index methodology - MSCI.

# CUMULATIVE INDEX PERFORMANCE — NET RETURNS (USD) (MAY 2020 – APR 2024)



## **ANNUAL PERFORMANCE (%)**

Year	MSCI ACWI IMI Hydrogen and Future Fuels	MSCI ACWI IMI
2023	-6.21	21.58
2022	-25.32	-18.40
2021	-23.78	18.22

# INDEX PERFORMANCE - NET RETURNS (%) (APR 30, 2024)

# **FUNDAMENTALS (APR 30, 2024)**

						ANNL	JALIZED						
	1 Mo	3 Мо	1 Yr	YTD	3 Yr	5 Yr	10 Yr	Since May 29, 2020	Div Yld (%)	P/E	P/E Fwd	P/BV	
MSCI ACWI IMI Hydrogen and Future Fuels	-4.46	4.16	-1.23	-2.43	-17.02	na	na	9.58	1.49	-73.54	19.96	1.99	
MSCI ACWI IMI	-3.39	3.82	16.81	4.06	3.62	na	na	12.28	2.00	20.71	16.94	2.76	

# INDEX RISK AND RETURN CHARACTERISTICS (MAY 29, 2020 - APR 30, 2024)

				ANNUALIZED STD DEV (%) 2		SHARPE RATIO 2,3				MAXIMUM DRAWDOWN		
	Beta	Tracking Error (%)	Turnover (%) <sup>1</sup>	3 Yr	5 Yr	10 Yr	3 Yr	5 Yr	10 Yr	Since May 29, 2020	(%)	Period YYYY-MM-DD
MSCI ACWI IMI Hydrogen and Future Fuels	1.84	39.91	40.69	34.90	na	na	-0.44	na	na	0.36	69.31	2021-01-26-2023-10-27
MSCI ACWI IMI	1.00	0.00	2.51	16.73	na	na	0.13	na	na	0.65	26.63	2021-11-08-2022-10-12
	<sup>1</sup> Last	12 months	<sup>2</sup> Based o	n monthly	net returns	s data	<sup>3</sup> Based on	NY FED Ov	ernight SC	FR from Sep	o 1 2021 &	on ICE LIBOR 1M prior that date

The MSCI ACWI IMI Hydrogen and Future Fuels Index was launched on Jun 21, 2023. Data prior to the launch date is back-tested test (i.e. calculations of how the index might have performed over that time period had the index existed). There are frequently material differences between back-tested performance and actual results. Past performance – whether actual or back-tested – is no indication or guarantee of future performance.



APR 30, 2024 Index Factsheet

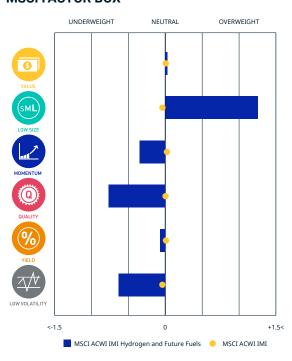
#### **INDEX CHARACTERISTICS**

	MSCI ACWI IMI Hydrogen and Future Fuels	MSCI ACWI IMI					
Number of	32	9,022					
Constituents							
	Weight (%)						
Largest	7.62	3.52					
Smallest	0.18	0.00					
Average	3.12	0.01					
Median	3.24	0.00					

#### **TOP 10 CONSTITUENTS**

	Index Wt. (%)	Parent Index Wt. (%)	Sector
MASTEC	7.62	0.01	Industrials
CONSTELLATION ENERGY	7.18	0.08	Utilities
WABTEC CORP	6.58	0.04	Industrials
CUMMINS	5.95	0.05	Industrials
PACCAR	5.45	0.07	Industrials
LINDE (NEW)	5.10	0.27	Materials
DTE ENERGY	5.06	0.03	Utilities
AES CORP	4.91	0.02	Utilities
SENSATA TECH HLDG	4.63	0.01	Industrials
AMEREN CORPORATION	4.54	0.02	Utilities
Total	57.02	0.59	

# FACTORS - KEY EXPOSURES THAT DRIVE RISK AND RETURN MSCI FACTOR BOX



## **MSCI FaCS**



VALUE
Relatively Inexpensive Stocks



LOW SIZE Smaller Companies



**MOMENTUM Rising Stocks** 



QUALITY
Sound Balance Sheet Stocks



YIELD
Cash Flow Paid Out



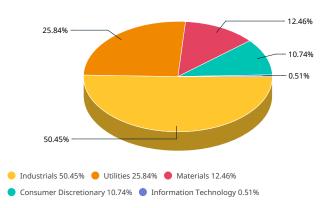
LOW VOLATILITY Lower Risk Stocks

MSCI FaCS provides absolute factor exposures relative to a

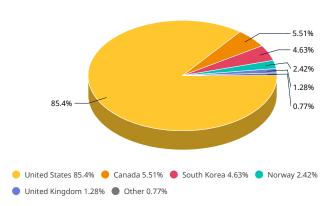
broad global index - MSCI ACWI IMI.

Neutral factor exposure (FaCS = 0) represents MSCI ACWI IMI.

#### **SECTOR WEIGHTS**



# **COUNTRY WEIGHTS**





APR 30, 2024 Index Factsheet

# MSCI FACTOR BOX AND FaCS FRAMEWORK (Please refer to complete description of the MSCI FaCS methodology here)

MSCI FaCS is a standard method for evaluating and reporting the Factor characteristics of equity portfolios. MSCI FaCS consists of Factor Groups (e.g. Value, Size, Momentum, Quality, Yield, and Volatility) that have been extensively documented in academic literature and validated by MSCI Research as key drivers of risk and return in equity portfolios. These Factor Groups are constructed by aggregating 16 factors (e.g. Book-to-Price, Earnings/Dividend Yields, LT Reversal, Leverage, Earnings Variability/Quality, Beta) from the latest Barra global equity factor risk model, GEMLT, designed to make fund comparisons transparent and intuitive for use. The MSCI Factor Box, which is powered by MSCI FaCS, provides a visualization designed to easily compare absolute exposures of funds/indexes and their benchmarks along 6 Factor Groups that have historically demonstrated excess market returns over the long run.

#### **ABOUT MSCI**

MSCI is a leading provider of critical decision support tools and services for the global investment community. With over 45 years of expertise in research, data and technology, we power better investment decisions by enabling clients to understand and analyze key drivers of risk and return and confidently build more effective portfolios. We create industry-leading research-enhanced solutions that clients use to gain insight into and improve transparency across the investment process. To learn more, please visit <a href="https://www.msci.com">www.msci.com</a>.

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