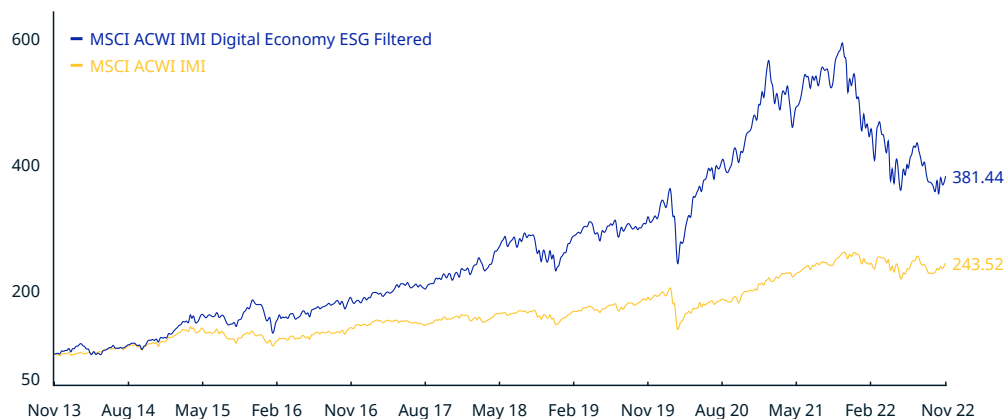


# MSCI ACWI IMI Digital Economy ESG Filtered Index (EUR)

The MSCI ACWI IMI Digital Economy ESG Filtered Index captures large, mid and small-cap securities across 23 Developed Markets (DM) and 8 Emerging Markets (EM) countries\*. The index aims to represent the performance of companies that are expected to derive significant revenues from the digital economy value chain.

## CUMULATIVE INDEX PERFORMANCE – NET RETURNS (EUR) (NOV 2013 – NOV 2022)



## ANNUAL PERFORMANCE (%)

Year	MSCI ACWI IMI Digital Economy ESG Filtered	MSCI ACWI IMI
2021	11.18	27.20
2020	52.45	6.65
2019	31.76	28.68
2018	7.17	-5.54
2017	23.24	8.87
2016	2.09	11.60
2015	42.39	8.96
2014	18.77	18.24

## INDEX PERFORMANCE – NET RETURNS (%) (NOV 30, 2022)

	1 Mo	3 Mo	1 Yr	YTD	ANNUALIZED				Since Nov 26, 2013
					3 Yr	5 Yr	10 Yr		
MSCI ACWI IMI Digital Economy ESG Filtered	2.25	-6.25	-30.35	-28.58	6.52	11.50	na	16.01	
MSCI ACWI IMI	3.29	0.79	-3.55	-6.28	8.95	9.29	na	10.38	

## FUNDAMENTALS (NOV 30, 2022)

Div Yld (%)	P/E	P/E Fwd	P/BV
0.61	61.47	24.21	4.58
2.22	17.26	15.20	2.46

## INDEX RISK AND RETURN CHARACTERISTICS (NOV 26, 2013 – NOV 30, 2022)

	Beta	Tracking Error (%)	Turnover (%) <sup>1</sup>	ANNUALIZED STD DEV (%) <sup>2</sup>			SHARPE RATIO <sup>2,3</sup>			Since Nov 26, 2013	MAXIMUM DRAWDOWN	
				3 Yr	5 Yr	10 Yr	3 Yr	5 Yr	10 Yr		(%)	Period YYYY-MM-DD
MSCI ACWI IMI Digital Economy ESG Filtered	1.20	11.77	86.38	23.83	22.20	na	0.40	0.62	na	0.86	42.16	2021-11-16–2022-11-09
MSCI ACWI IMI	1.00	0.00	2.66	17.48	15.55	na	0.60	0.68	na	0.83	34.21	2020-02-19–2020-03-23

<sup>1</sup> Last 12 months

<sup>2</sup> Based on monthly net returns data

<sup>3</sup> Based on EMMI EURIBOR 1M from Sep 1 2021 & on ICE LIBOR 1M prior that date

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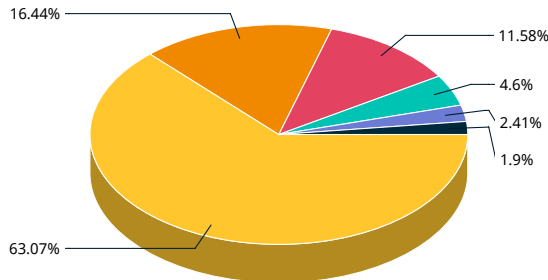
## INDEX CHARACTERISTICS

	MSCI ACWI IMI Digital Economy ESG Filtered	MSCI ACWI IMI
<b>Number of Constituents</b>	189	9,220
	<b>Weight (%)</b>	
<b>Largest</b>	2.62	3.60
<b>Smallest</b>	0.00	0.00
<b>Average</b>	0.53	0.01
<b>Median</b>	0.15	0.00

## TOP 10 CONSTITUENTS

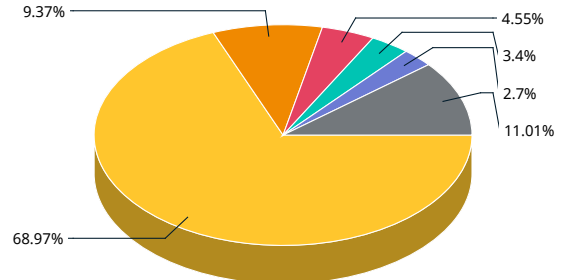
	Country	Index Wt. (%)	Parent Index Wt. (%)	Sector
PROSUS N	NL	2.62	0.08	Cons Discr
PALO ALTO NETWORKS	US	2.29	0.08	Info Tech
ORACLE CORP	US	2.26	0.20	Info Tech
VISA A	US	2.16	0.54	Info Tech
ARISTA NETWORKS	US	2.15	0.05	Info Tech
APPLE	US	2.12	3.60	Info Tech
MASTERCARD A	US	2.11	0.47	Info Tech
AUTODESK	US	2.05	0.07	Info Tech
SHOPIFY A	CA	2.04	0.07	Info Tech
FISERV	US	2.02	0.10	Info Tech
<b>Total</b>		<b>21.82</b>	<b>5.24</b>	

## SECTOR WEIGHTS



- Information Technology 63.07%
- Consumer Discretionary 16.44%
- Communication Services 11.58%
- Industrials 4.6%
- Financials 2.41%
- Health Care 1.9%

## COUNTRY WEIGHTS



- United States 68.97%
- China 9.37%
- Netherlands 4.55%
- Japan 3.4%
- Canada 2.7%
- Other 11.01%

\* DM countries include: Australia, Austria, Belgium, Canada, Denmark, Finland, France, Germany, Hong Kong, Ireland, Israel, Italy, Japan, Netherlands, New Zealand, Norway, Portugal, Singapore, Spain, Sweden, Switzerland, the UK and the US. EM countries include: Brazil, China, Malaysia, Mexico, South Africa, South Korea, Taiwan and Thailand.

The MSCI ACWI IMI Digital Economy ESG Filtered Index was launched on Oct 07, 2019. 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.

## INDEX FRAMEWORK

The Index includes companies from the parent universe which are determined to have high exposure to business activities such as – digital payments, robotics, cyber security, e-commerce, sharing economy, social media and cloud computing. Companies with MSCI ESG rating of 'CCC' and MSCI ESG Controversy score of '0' are excluded from the index. In addition companies showing involvement in Nuclear Weapons, Controversial Weapons, Civilian Firearms, Tobacco, Thermal Coal, Oil Sands and UN Global Compact Violators or are excluded from the index. The constituents of the index are weighted in proportion of their 'fundamental score'.

The fundamental score for each security is calculated by combining Z scores of three winsorized fundamental variables— Percentage of sales spent on R&D and Capex, Return on Invested Capital and 1-YR Sales growth. MSCI then averages the Z scores of each of the three fundamental variables to calculate a composite fundamental Z score for each security, and then weights all eligible constituents in proportion to this fundamental score.

This summary is provided for illustrative purposes only and does not include all material elements of the index or its methodology. For a complete description of the index methodology, please see [Index methodology - MSCI](#).

## ABOUT MSCI

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