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# Green Effects Fund

## ETHICAL INVESTING

# Monthly Update **January 2017**

Cantor Fitzgerald Ireland Ltd (Cantor) is regulated by the Central Bank of Ireland. Cantor Fitzgerald Ireland Ltd is a member firm of the Irish Stock Exchange and the London Stock Exchange.

**CANTOR**  
*Fitzgerald*

# Cantor Fitzgerald

A global presence with local expertise

Cantor Fitzgerald Ireland was formed through the acquisition of Dolmen Stockbrokers in 2012, by leading global financial services firm Cantor Fitzgerald.

With a proud history of stockbroking and servicing our private clients in Ireland since 1995, Cantor Fitzgerald Ireland provides a full suite of investment services, primarily in personalised Share Dealing, Pensions and Investment Management, Debt Capital Markets, Corporate Finance and Research.



## CANTOR FITZGERALD GROUP

Est. 1945

71 years of investment experience

10,000

Employees Worldwide

20

Worldwide office locations

7,000

Institutional clients globally

## CANTOR FITZGERALD IRELAND

€1.87bn

Client assets

20,000

Investment clients

35

Portfolio managers and stockbrokers

3

Regional offices

[www.cantorfitzgerald.ie](http://www.cantorfitzgerald.ie)

# Fund Overview

## Why Invest in Green Effects



### Fund Aim

The objective of the fund is to achieve long term capital growth and income through investing in companies with a commitment to supporting the environment and socially just production and work methods. The fund provides clients with a socially responsible or ethical investment focus with a well diversified investment alternative. It provides a cost efficient investment fund with a defined socially responsible investment focus.



### Diversification

The fund offers investors a diversified exposure to global equity markets (US, Asia, Europe etc) and a broad base of socially responsible sectors and underlying companies.



### Strong Track Record

The fund has achieved a very strong track record of outperforming global equity market indices and is one of the top performing funds within its peer group resulting in a 5-star rating from Morningstar Fund Research. The fund was established in October 2000 and as at end of July 2016 had assets of over €55m.

## Key Information

Investment Type	Socially Responsible Equity Investing
Morningstar Rating	★★★★★
Benchmark	NAI Index
Annual Management Fee	0.75%
Total Expense Ratio	1.24%
Minimum Investment	€5,000
Upfront Commission	3%
Dealing Frequency	Weekly
Managed By	Cantor Fitzgerald Ireland
Custodian & Administrator	Northern Trust

## About the NAI Index

In April 1997 the German magazine Natur developed the Natur-Aktien- index (the NAI index) as a measure of stock market performance of selected ethical, ecological and socially sustainable stocks. The NAI currently comprises 30 stocks which must meet a number of strict selection criteria.

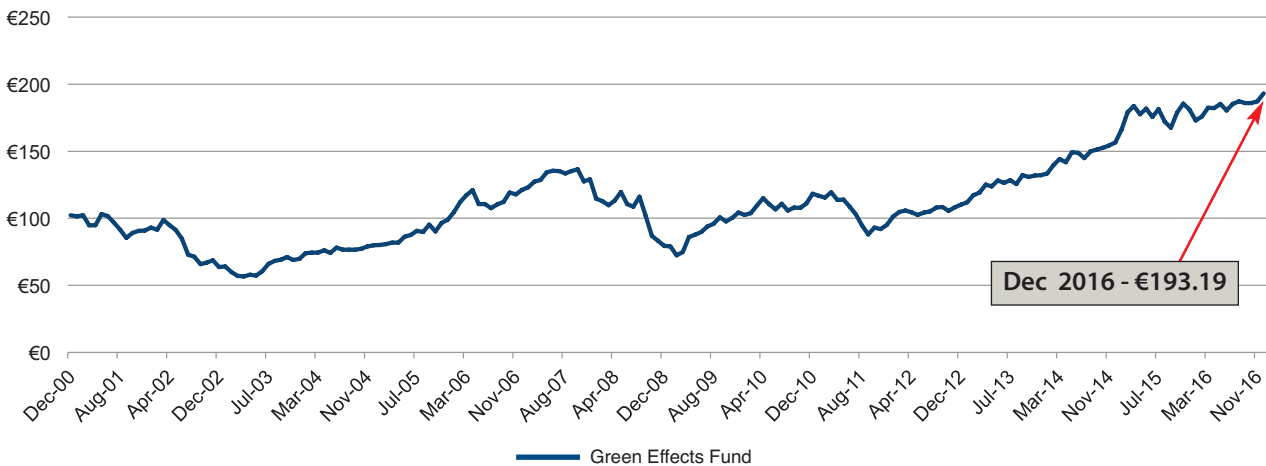
### Companies involved in the following activities are excluded from the NAI Index:

- ✗ Production or sale of nuclear energy or nuclear technology
- ✗ Production or sale of arms
- ✗ Discrimination against social or ethnic minorities
- ✗ Manufacturing products through child labour
- ✗ Production processes damaging to the environment
- ✗ Releasing genetically manipulated products



# Performance Update

## Green Effects Fund NAV Since Inception



## Performance Summary

	1 Month	YTD	1 Year	3 Year*	5 Year*
Green Effects	3.1	6.6	6.6	13.5	15.2
MSCI World €	3.0	10.7	10.7	13.5	15.1
S&P 500 €	2.4	12.8	12.8	16.5	17.0
Euro STOXX 50	7.8	0.7	0.7	1.9	7.3
Friends First Stewardship Ethical	3.2	7.0	7.0	11.7	14.1
New Ireland Ethical Managed	3.4	12.5	12.5	10.1	12.0

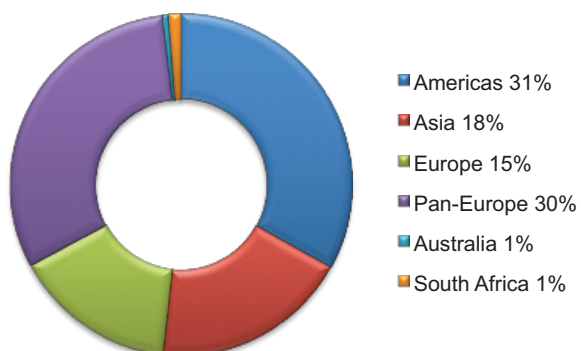
\*Annualised Return. As of 30/12/2016. Source: Cantor Fitzgerald Ireland Ltd Research and Bloomberg.

## Manager Commentary

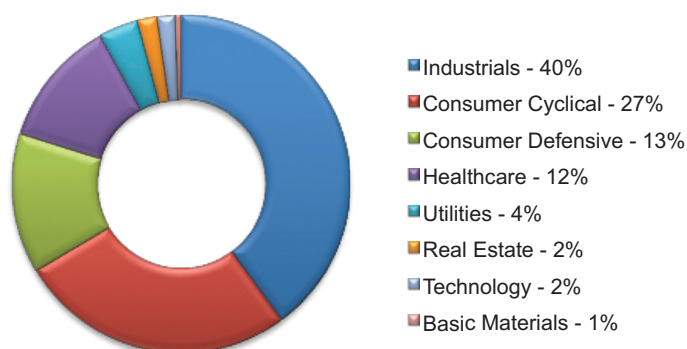
The Green Effects Fund NAV price ended the year at **€193.19** which was a **+3.13%** gain during December. Equities enjoyed a strong finish to the year US markets up by circa 2% (in Euro terms) while European markets rallied strongly with the DAX (Germany) +7.90% and the more broad based Eurostoxx50 index +7.83% for the month. For 2016 the Fund returned **+6.62%**. The fund benefitted from a weaker Euro versus the US Dollar during the month. The currency cross ended the month at 1.0517 which was -5% from early November levels. The US dollar, as measured by the Dollar Index (an index of the US dollar relative to a basket of other foreign currencies), hit a 14-year high during December as the Fed raised interest rates for only the second time in a decade. Circa 30% of the fund is invested in US Dollar denominated equities. In company news during the month there were a number of corporate deals completed. **Ormat Technologies** confirmed its plans to acquire Viridity Energy, Inc., a leading demand response, demand management, and battery storage solutions. Separately **Svenksa Cellulosa** (SCA) confirmed it will acquire BSN Medical from EQT for €2.74bn. BSN Medical develops, manufactures, markets and sells products within wound care, compression therapy and orthopedics. It is worth noting that there has been a disconnection between bond and currency markets and equities over the last few months. The recent rise in interest rates, particularly in the US, have not been reflected in equity prices; on a relative basis equities now offer a lower risk adjusted return than before Trump's election, making the elevated valuations of the S&P look particularly expensive as a result, we expect equities, particularly those of the US, are vulnerable to a pullback of c.10% in the new year, most likely around the time of the Presidential inauguration on January 20th. We note that the fund is well diversified regionally with exposure in Europe and Asia which we feel provides a good mix should US equities under perform over the coming months.

# Fund Characteristics

## Geographical Exposure



## Sector Allocation



## Top Ten Holdings

Name	Weight %
SHIMANO	7.72%
SVENSKA CELLULOSA	7.29%
VESTAS	6.67%
KINGFISHER	6.40%
AEGION	4.33%
ORMAT	4.31%
STEELCASE	4.23%
TOMRA SYSTEMS	4.03%
UNITED NAT FOODS	3.91%
SMITH & NEPHEW	3.83%

Source: Cantor Fitzgerald Ireland Ltd Research.

# Green Effects Fund

## Largest Holdings - Company Backgrounds

### SHIMANO

Shimano, Inc is a Japanese multinational manufacturer of cycling components, fishing tackle, and rowing equipment.

### SVENSKA CELLULOSA

Svenska Cellulosa is a Swedish consumer goods company and pulp and paper manufacturer with headquarters in Stockholm.

### VESTAS

Vestas Wind Systems A/S is a Danish manufacturer, seller, installer, and servicer of wind turbines. It was founded in 1945, and as of 2013, it is the largest wind turbine company in the world.

### KINGFISHER

Kingfisher plc is a British multinational retailing company headquartered in London. It is the largest home improvement retailer in Europe, and the third-largest in the world.

### TOMRA SYSTEMS

This Norwegian company manufacturers recycling solutions and is the largest maker of reverse vending machines in the world for sorting and recycling of waste products.

### SMITH & NEPHEW

Smith & Nephew specialise in Advanced Wound Management and Surgical Devices for Orthopaedic Reconstruction, Sports Medicine and Trauma.

### UNITED NAT FOODS

UNFI is the leading national distributor of natural and organic foods, specialty foods, and related products in the United States and Canada.

### EAST JAPAN RAILWAY CO.

Japanese rail company (JR East) operates all of the Shinkansen, high-speed rail lines, north of Tokyo.

### AEGION

Aegion Corporation is an American multinational company involved in the protection, rehabilitation, engineering and design of infrastructure projects for a wide range of industries, including oil and gas, water, mining, and wastewater.

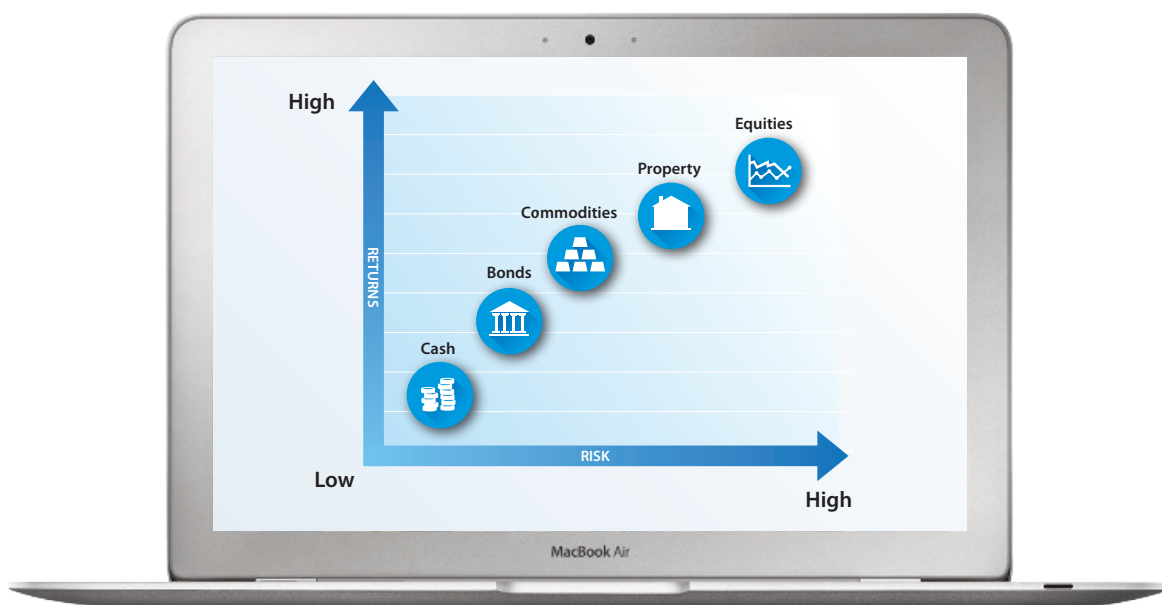
### MOLINA

Molina Healthcare (NYSE: MOH) is a managed care company headquartered in Long Beach, California, United States. In 2016, Molina Healthcare was ranked 201 in Fortune 500. In 2015, the company's health plans served about 3.5 million people through government-based healthcare programmes.

### TESLA MOTORS

Tesla Motors Inc. is an American automotive and energy storage company that designs, manufactures and sells electric cars, electric vehicle powertrain components, and battery products. Tesla Motors is a public company that trades on the NASDAQ stock exchange.

# Risk Profile



The chart above provides an indicative risk reward profile across each individual investment asset class. The Green Effects Fund is diversified across global equities and therefore offers investors a higher risk reward profile relative to other asset classes.

## Fund Risk Rating

In order to explain the level of risk in the Green Effects fund, we have used a risk & reward scale from 1-7 in accordance with guidelines recommended by the European Securities and Markets Authority ("ESMA"). For example, a risk rating of 1 would indicate a very low risk investment, while a 7 would indicate a very high risk investment.

**This risk rating is calculated based on the historical volatility of weekly returns over the previous 5 year period. Based on this methodology the risk rating of the Green Effects fund is a 5 which indicates a Medium to High risk profile.**



# Monthly Company Focus

*Richard Power, Director of Stockbroking*

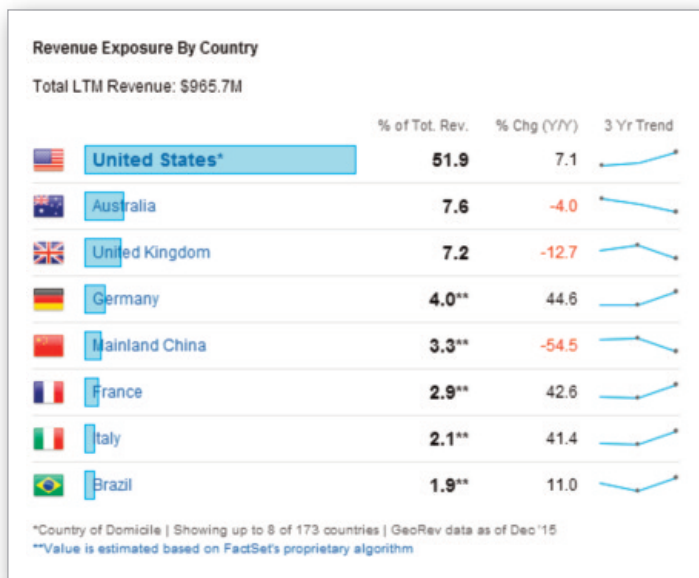
## Interface®

Interface, Inc. is engaged in the design, production and sale of modular carpets. It was founded in 1973 and is based in Atlanta, Georgia. The Company markets its modular carpets in over 110 countries under the brand names Interface, FLOR and Heuga. It operates in the United States, Middle East, Africa, Europe and Asia-Pacific. Interface distributes its products through two primary channels: direct sales to end users and indirect sales through independent contractors or distributors. The Company manufactures carpets at two locations in the United States and at facilities in the Netherlands, the United Kingdom, Thailand and China. The Company also sells its TacTiles carpet tile installation systems, along with a variety of traditional adhesives and products for carpet installation and maintenance. They are the world's largest designer and maker of carpet tile and employ over 3,500 people.

Interface design, sell and produce modular carpets under more than 25 lines. In this selection they have been able to give consumers carpets with different vibes, feelings, comfort levels and sound output levels. They have creative designs that illustrate parts of nature as well as more basic carpet designs for offices, etc. Interface has developed carpets with sound solutions that absorb the pressure of movements on them and reduces sound output and they have developed carpets that provide more support. Their varieties of goods provide consumers with an option to suit whatever taste or need they have.

Along with the physical sale of carpets, Interface provides a range of related services. These services include, carpet installation, furniture upheaval, carpet maintenance and tile takeback, where for a small fee they take used interface products from landfill and give them a new use. These services go hand in hand with their carpet sales and result in the quick and efficient installation of carpets and minimal effort for buyers.

Sustainability has been a massive part of the company since 1994. Interface recognised that industry could not be sustained at the rates that companies were using up and throwing away resources, as a result they now plan to become the first fully sustainable company. They call this plan Mission Zero and aim to have zero negative impact on the environment from their activities by 2020. This sustainability campaign will benefit Interface's reputation in the global market.





# Company Information

## Americas

### Gaiam Inc

Gaiam, Inc. is a leading producer and marketer of lifestyle media and fitness accessories. With a wide distribution network that consists of over 60,000 retail doors, 15,000 store within stores, and 5,600 media category management locations, and a digital distribution platform, Gaiam is dedicated to providing solutions for healthy and eco-conscious living.

**Market Capitalization: €120m**

### Aegion

Aegion's companies are global leaders in infrastructure protection and provide proprietary technologies and services for the protection of industrial pipelines against corrosion. This involves rehabilitating and strengthening piping systems, buildings, bridges and tunnels and waterfront structures.

**Market Capitalization: €660m**

### Potlatch

Potlatch Corporation is a verified leader in sustainable forestry. With approximately 1.4 million acres certified to FSC® standards, Potlatch grow trees, sell timber, and manufacture solid wood products. Since 1903, Potlatch have sought the common ground to unlock the value of the land while conserving our forests for generations to come.

**Market Capitalization: €1,110m**

### Interface

Interface is the world leader in design, production and sales of environmentally-responsible tiled carpet for commercial, institutional and residential markets. With seven manufacturing facilities on four continents, Interface understands local markets, and provides consistency and efficiency at every level.

**Market Capitalization: €945m**

### Kadant

Kadant Inc. is a global supplier of high-value, critical components and engineered systems used in process industries worldwide. The Company's products, technologies, and services enhance process efficiency, energy utilization, and increase productivity in resource-intensive industries. Kadant is based in Westford, Massachusetts, with revenues of \$344 million in 2013 and 1,800 employees in 17 countries worldwide.

**Market Capitalization: €293m**

### Molina Healthcare Inc

Molina Healthcare is an American FORTUNE 500 health care organisation, that arranges for the delivery of health care services and offers health information management solutions to nearly five million individuals and families who receive their care through Medicaid, Medicare and other government-funded programs in fifteen states.

**Market Capitalization: €1,256m**

### Natura Cosmetics

Natura Cosmetics is a Brazilian cosmetics company that sells products through representatives in many countries across the world. The company promotes its image as an eco-friendly, sustainable company, and is a founding member of the Union for Ethical Bio Trade. Natura was founded in 1969, and is listed on Sao Paulo Stock Exchange. Currently the company is the second largest Brazilian cosmetics company by revenue.

**Market Capitalization: €5,110m**

### Ormat Technologies Inc

Ormat Technologies is a leading provider of alternative and renewable energy technology, and is dedicated to providing solutions for geothermal power, recovered energy generation and remote power. The company designs, builds, and operates geothermal and recovered energy based power plants.

**Market Capitalization: €969m**

### Steelcase

Steelcase is the global leader in the office furniture industry. The company designs and manufactures architecture, furniture and technology products, while maintaining a balanced approach to "profit, people and planet". Steelcase is an international company with approximately 10,000 employees worldwide, manufacturing facilities in 23 locations and more than 650 dealer locations around the world.

**Market Capitalization: €1,467m**

### United Nat Foods

UNFI is the leading distributor of natural, organic and specialty foods and related products including nutritional supplements, personal care items and organic produce, in the United States. In addition to excellent distribution services, the company provides a range of innovative, value-added services for our customers and suppliers, to foster mutual success and growth.

**Market Capitalization: €2,467m**

### Stericycle

Stericycle's primary business comprises of disposal services for medical and biohazardous waste. They serve hospitals, laboratories, physician practices, dental clinics as well as numerous other businesses and facilities. Stericycle maintain the largest network of medical waste transport vehicles, collection sites and treatment facilities in the United States, with operations globally in the UK, Ireland, Canada, Central and South America, Spain and Portugal.

**Market Capitalization: €6,963m**

### SunOpta

SunOpta is a leading global organic food company specializing in sourcing, processing and packaging of natural and certified organic food products. The company has two holdings; a 66% ownership position on Opta Minerals Inc, a producer and distributor of environmentally friendly industrial materials, and a minority ownership position in Mascoma Corp; an innovative biofuels company.

**Market Capitalization: €622m**

# Company Information Continued

## Tesla

Tesla Motors, Inc. designs, develops, manufactures, and sells electric vehicles and stationary energy storage products in the United States, China, Norway, and internationally. It primarily offers sedans and sport utility vehicles. The company also offers electric vehicle powertrain components and systems to other manufacturers. Tesla Motors, Inc. sells its products through a network of Tesla stores and galleries, as well as through Internet. The company was founded in 2003 and is headquartered in Palo Alto, California. The company has just over 13,000 employees.

Market Cap €25,157m

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## Asia

### East Japan Railway Co.

East Japan Railway Company is a major passenger railway company in Japan, and is one of the seven Japan Railways Group companies. The company has a long-term philosophy for adapting to the global environment, through research and development using latest technologies.

Market Capitalization: €20,612m

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### Kurita Water Industries

Kurita Water Industries is a Japanese manufacturer that provides water treatment chemicals and facilities, as well as process treatment chemicals. They aim to contribute to society by striving to add new values and functions to water by meeting global challenges such as the conservation of the natural environment and effective use of resources.

Market Capitalization: €1,850m

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### Ricoh

Ricoh are a total documents and IT solutions provider that offer a range of services, from streamlining costs, to enhancing business processes and increasing staff productivity. The company re-invests around 6% of its global net sales into research and development each year as part of its commitment to innovation. Ricoh has been named as one of the 'Global 100 Most Sustainable Corporations' for eight years running at the World Economic Forum in Davos.

Market Capitalization: €6,086m

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### Shimano

Shimano Inc is a Japanese multinational manufacturer of cycling components, fishing tackle and rowing equipment. It has operations in Asia, Europe and North America, with its main manufacturing plants in China, Malaysia and Singapore. Shimano product sales constitute 50% of the global bicycle component market.

Market Capitalization: €6,389m

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## Europe

### Aixtron

Aixtron is a German based company, which specialises in manufacturing chemical vapour deposition equipment for clients in the semiconductor industry. The company combines expertise and innovation to develop highly complex technologies, and encourage a creative approach to delivering customer solutions.

Market Capitalization: €1,296m

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### Acciona

ACCIONA is one of the foremost Spanish business corporations, leader in the development and management of infrastructure, renewable energy, water and services. The company is committed to sustainability and innovation across its business divisions.

Market Capitalization: €3,487m

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### Boiron

Boiron is a manufacturer of homeopathic products, headquartered in France and with an operating presence in 59 countries worldwide. It is the largest manufacturer of homeopathic products in the world. Boiron produces medications that are both effective and safe in an environment where the healthcare and drug regulations are increasingly complex.

Market Capitalization: €1,142m

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### Mayr-Melnhof

Mayer Melnhof is a manufacturer in the paper and packaging industry, based in Vienna, Austria. The company is 65% family owned, with the remainder of the company listed on the Vienna Stock Exchange. The company makes use of primarily renewable raw materials to manufacture its products, and pursues responsible management guided by the principals of integrity, honesty and transparency.

Market Capitalization: €1,802m

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### Steico

Steico provides wood fibre insulation solutions to regulate temperature during the extremes of winter and summer. The technology is based on the especially high 'Thermal Storage Capacity' of Steico's insulation materials. In addition to reducing the energy emissions from your house, the wood fibre used in Steico products has the ability to reduce global CO2 during the plants growth phase.

Market Capitalization: €93m

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**Triodos Groenfond**

Tiodod Groenfond is the oldest green fund in the Netherlands, which invests in organic agriculture, renewable energy, sustainable real estate and nature & environment. 70% of assets under management are approved as 'green' by the Dutch government, with the other 30% either retained as liquid assets, or invested in sustainable and innovative projects that do not qualify under the criteria applied by the Dutch government, but are in line with the fund's objectives.

**Market Capitalization: €602m**

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**Pan-Europe****Vestas**

Vestas is the only global energy company dedicated exclusively to wind energy, as shown by our superior cost-effective wind technologies, products and services. Vestas started producing turbines in 1979 and has since gained a market-leading position with more than 60 GW of installed wind turbines, comprising close to 19% of total global capacity. Every day, everyone at Vestas works to make Vestas the undisputed global wind leader and the world's energy mix more sustainable.

**Market Capitalization: €6,242m**

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**Tomra Systems**

Tomra Systems is a Norwegian multinational corporation which create sensor based solutions used in the advanced automated recycling sorting systems for various waste and metal materials. The company's products and services fall into two main business areas, Collection Solutions and Sorting Solutions.

**Market Capitalization: €1,031m**

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**Svenska Cellulosa**

CA is a leading global hygiene and forest products company. The Group develops and produces sustainable personal care, tissue and forest products. Sales are conducted in about 100 countries under many strong brands. As Europe's largest private forest owner, SCA places considerable emphasis on sustainable forest management. The Group has about 44,000 employees. Sales in 2013 amounted to SEK 93bn (EUR 10.7bn).

**Market Capitalization: €14,792m**

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**Australia****Sims Metal Management**

Sims Metal Management are global leaders in the secure and sustainable management of resources on behalf of industry, organisations and the wider community. The company currently has over 40 trusted and compliant UK metals recycling sites, over 200 sites globally and over 6,700 employees.

**Market Capitalization: €1,338m**

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**South Africa****Aspen Pharmacare**

Aspen Pharmacare is committed to sustaining life and promoting healthcare through increasing access to its high quality, effective and affordable medicines and practices. South African listed Aspen provides products and treatments in more than 150 countries across the world.

**Market Capitalization: €8,779m**

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**UK****Kingfisher**

Kingfisher is Europe's largest home improvement retailer. Our purpose is to make it easier for customers to have better and more sustainable homes. It has over 1,130 stores in nine countries in Europe and Asia, and it is included in two of the main socially responsible investment indexes.

**Market Capitalization: €12,172m**

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**Smith & Nephew**

Smith & Nephew supports healthcare professionals in more than 100 countries in their daily efforts to improve the lives of their patients. They do this by taking a pioneering approach to the design of our advanced medical products and services, by securing wider access to our diverse technologies for more customers globally, and by enabling better outcomes for patients and healthcare systems. The company has leadership positions in Orthopaedics reconstruction, advanced wound management and sports medicine. The company has a workforce of circa 15,000 and 2015 sales of more than \$4.6 billion.

**Market cap €13,055m**

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