



Sustainability Exposure Report

Second quarter 2019

Nordea 1 – European Stars Equity Fund

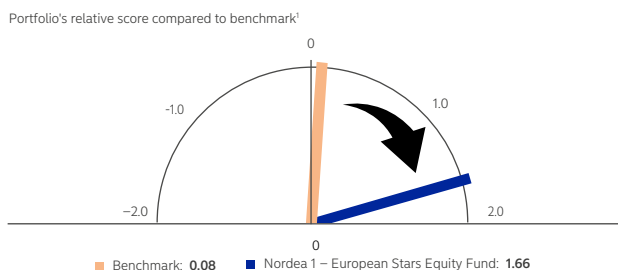
This report highlights how portfolio companies - through their products and services - have positive and negative impact on a total of 15 sustainability objectives which are closely aligned with the United Nation Sustainable Development Goals. The results are then compared with the benchmark.

While engagement is always Nordea Asset Management preferred approach, we have made a corporate-level decision to exclude certain stocks, sectors, and practices across our entire active fund range. We have therefore banned investment in companies active in the production of illegal or nuclear weapons, including cluster munitions and anti-personnel mines, as well as companies involved in the maintenance of nuclear weapons. In a similar fashion, none of our funds invest in companies deriving more than 30% of their revenues from coal mining (metallurgical coal, thermal coal and coke). Our detailed RI policy and our corporate exclusion list are publicly available at [nordea.com](https://www.nordea.com/en/sustainability/sustainable-business/investments/exclusion-list/). (<https://www.nordea.com/en/sustainability/sustainable-business/investments/exclusion-list/>)

Total net score (vs benchmark)

The chart below shows the contribution of the portfolio holdings products and services to both Environment and Social considerations compared to companies held in the benchmark.

The contribution of the portfolio to the 15 objectives (social and environmental) is significantly higher than the benchmark.



1) The relative score is calculated as follows: (Portfolio net score) / (Benchmark net score). Should the score of the benchmark be close to nil the relative score multiple might be distorted. Comparison with other financial products or benchmarks is only meant for indicative purposes.

Top contributors

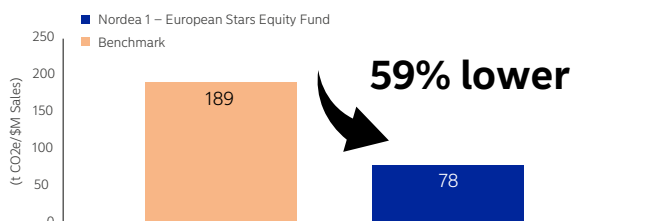
1. Fresenius (DE, Health Care Facilities & Services). The company mainly contributes to the social objectives “Ensuring Health” and “Providing basic services” as the company provides dialysis services and products, prescription drugs, care coordination and laboratory services, and hospital management services.

2. Novo Nordisk (DK, Pharma & Biotech). The company mainly contributes to the social objective “Ensuring Health” as the company provides pharmaceutical products for prevention and treatment of human diseases.

3. Novartis (CH, Pharma & Biotech). The company mainly contributes to the social objective “Ensuring Health” through the prescription of drugs, professional diagnostic and treatment devices.

Carbon footprint

The fund has a carbon footprint 59% lower than the benchmark.



Comparison with other financial products or benchmarks is only meant for indicative purposes.

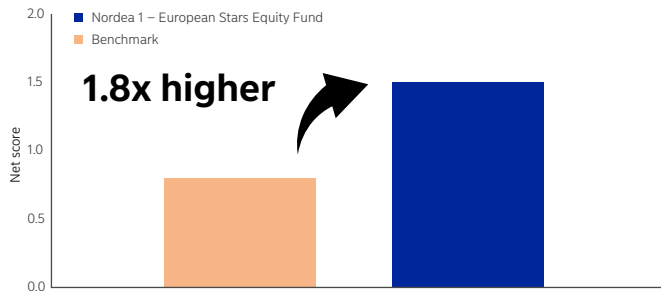
Notes	
Currency	USD
Benchmark	MSCI Europe Index
Portfolio coverage	93%
Benchmark coverage	100%
Portfolio holdings	47

Note: Scope 1 & 2. Data as at 30.06.2019. The carbon footprint metric relies on carbon data gathered by Nordea Investment Funds S.A., MSCI Inc. and is based on the Swedish Fund Association's recommendation. Further information on the calculation approach is available at: https://www.nordea.lu/documents/responsible-investments---carbon-footprint-disclosure/RI-CFD_eng_INT.pdf/. Source: Nordea Investment Funds S.A., MSCI Inc.

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Exposure to the 7 social objectives²

The contribution of the portfolio to the 7 social objectives is 1.8 times higher than the benchmark.



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Top 3 social objectives

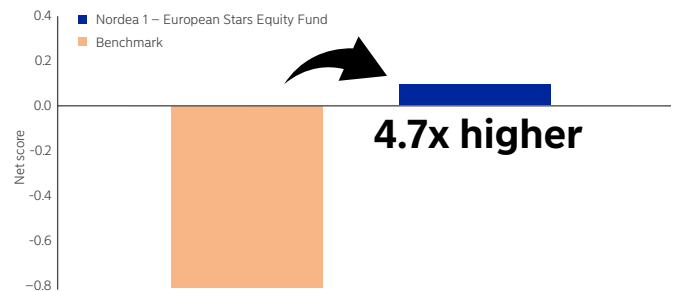
1. Ensuring health
2. Providing basic services
3. Safeguarding peace

Main SDGs exposure



Exposure to the 8 environmental objectives²

The contribution of the portfolio to the 8 environmental objectives is 4.7 times higher than the benchmark.



Comparison with other financial products or benchmarks is only meant for indicative purposes.

Top 3 environmental objectives

1. Contributing to sustainable energy use
2. Mitigating climate change
3. Promoting sustainable buildings

Main SDGs exposure



Portfolio Company highlight: Fresenius

Fresenius SE & Co. KGaA, a health care group, provides products and services for dialysis, hospitals, and outpatient medical care worldwide. The company operates through four segments: Fresenius Medical Care, Fresenius Kabi, Fresenius Helios, and Fresenius Vamed. The Fresenius Medical Care segment offers products and services for patients with chronic kidney failure. This segment offers dialyzers, hemodialysis machines, and related disposable products, as well as dialysis-related services. The Fresenius Kabi segment specializes in the therapy and care of chronically and critically ill patients. This segment offers intravenous drugs, including intravenously administered generic anesthetics, analgesics, anti-infectives, and drugs for the treatment of oncological and other critical diseases; parenteral and enteral nutrition products; infusion solutions and blood volume substitutes for infusion therapy; infusion and nutrition pumps, as well as consumables; and products used in the collection and processing of blood components, as well as in transfusion medicine. The Fresenius Helios segment operates 86 hospitals, 124 outpatient clinics, and 10 prevention centers. The Fresenius Vamed segment manages projects and provides services for hospitals and other health care facilities. This segment offers project development, planning, and turnkey construction services, as well as maintenance, technical management, and operational management services. The company was formerly known as Fresenius SE and changed its name to Fresenius SE & Co. KGaA in January 2011. Fresenius SE & Co. KGaA was founded in 1912 and is headquartered in Bad Homburg vor der Höhe, Germany.

Complete list of SDGs:



Source: un.org/development/desa/en/news/sustainable/sustainable-development-goals.html

² Please note that the total sustainability score is the sum of the social and environmental scores and may slightly differ due to rounding differences. Should the benchmark score be negative the multiplier is calculated as follow: (Portfolio score + 1) / (Benchmark score + 1). Further information on SDGs is available at <https://www.un.org/development/desa/en/news/sustainable/sustainable-development-goals.html>. Sources: Nordea Investment Funds S.A., ISS-oekom, United Nations Sustainable Development Goals.

Description of ISS-oekom methodology

This report highlights how portfolio companies - through their products and services - have positive and negative impact on a total of 15 sustainability objectives covering both Social and Environmental aspects. These objectives have been developed by ISS-oekom and closely aligned with the United Nation Sustainable Development Goals. The objectives include 7 Social and 8 Environmental objectives with scores ranging from -10 to +10. The results are then compared with the benchmark.

Please note that this report does not comment on the Governance aspect as we already report on such considerations in separate reports.

As the UN SDGs primarily target states and the public sector, not all of the goals are relevant for companies. For this reason, ISS-oekom defined a total of 15 sustainability objectives which are closely aligned with the SDGs. They are used to assess companies' product portfolios in terms of their contribution towards sustainable development based on their revenue weight. For each individual objective, a qualitative analysis is conducted to determine whether a product or service category contributes to or refrain from attaining the objective. As a result, the positive and negative effects of different product groups may partly cancel each other out within a given objective.

Further information on the company and the methodology is available at: <https://www.issgovernance.com/esg/impact-un-sdg/>

List of the 15 overarching sustainable objectives

7 social objectives

- Alleviating poverty
- Combating hunger and malnutrition
- Ensuring health
- Delivering education
- Attaining gender equality
- Providing basic services
- Safeguarding peace


















8 environmental objectives

- Achieving sustainable agriculture & forestry
- Conserving water
- Contributing to sustainable energy use
- Promoting sustainable buildings
- Optimising material use
- Mitigating climate change
- Preserving marine ecosystems
- Preserving terrestrial ecosystems

Please note that each portfolio and benchmark are assigned a score ranging from -10 to +10 based on the above 15 sustainable objectives. For the approach to be meaningful and sound we have assumed that the minimum coverage at the fund level should at least be 60%. This means that for a fund score to be meaningful at least 60% of its holdings need to have a score.

UN Sustainable Development Goals

Corresponding ISS-oekom Sustainability Objectives

	No poverty	<ul style="list-style-type: none"> - Alleviating poverty - Providing basic services (access aspect)
	Zero hunger	<ul style="list-style-type: none"> - Combating hunger and malnutrition - Achieving sustainable agriculture and forestry
	Good health and well-being	<ul style="list-style-type: none"> - Ensuring health - Providing basic services (access aspect)
	Quality education	<ul style="list-style-type: none"> - Delivering education - Providing basic services (access aspect)
	Gender equality	<ul style="list-style-type: none"> - Attaining gender equality
	Clean water and sanitation	<ul style="list-style-type: none"> - Conserving water (quality and quantity aspect) - Ensuring health (sanitary aspect) - Providing basic services (access aspect)
	Affordable and clean energy	<ul style="list-style-type: none"> - Contributing to sustainable energy use (clean aspect) - Providing basic services (access aspect)
	Decent work and economic growth	–
	Industry, innovation and infrastructure	–
	Reduced inequalities	<ul style="list-style-type: none"> - Attaining gender equality - Providing basic services
	Sustainable cities and communities	<ul style="list-style-type: none"> - Promoting sustainable buildings - Providing basic services (access aspect regarding housing, transportation)
	Responsible consumption and production	<ul style="list-style-type: none"> - Optimising material use
	Climate action	<ul style="list-style-type: none"> - Mitigating climate change - Contributing to sustainable energy use
	Life below water	<ul style="list-style-type: none"> - Preserving marine ecosystems
	Life on land	<ul style="list-style-type: none"> - Preserving terrestrial ecosystems - Achieving sustainable agriculture and forestry
	Peace, justice and strong institutions	<ul style="list-style-type: none"> - Safeguarding peace
	Partnerships for the goals	–

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