

Advancing Sustainable Development Goals through Investing Robeco's Approach Towards SDGs

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Reykjavík, 10th January 2019

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Sustainability Investing at Robeco

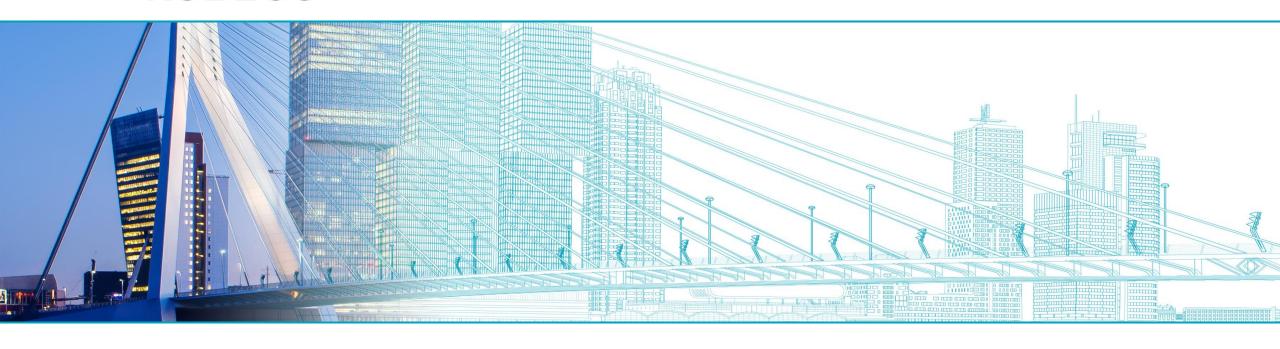
The UN Sustainable Development Goals

SDGs Linked Investment Strategy

- > Measurement framework
- > From universe to portfolio

SDGs in Active Ownership

> Practical example



Sustainability Investing at Robeco

Sister companies with a shared goal: to deliver superior and sustainable performance



Shared convictions, research, engagement, people and ownership: clients benefit from the best of both worlds.

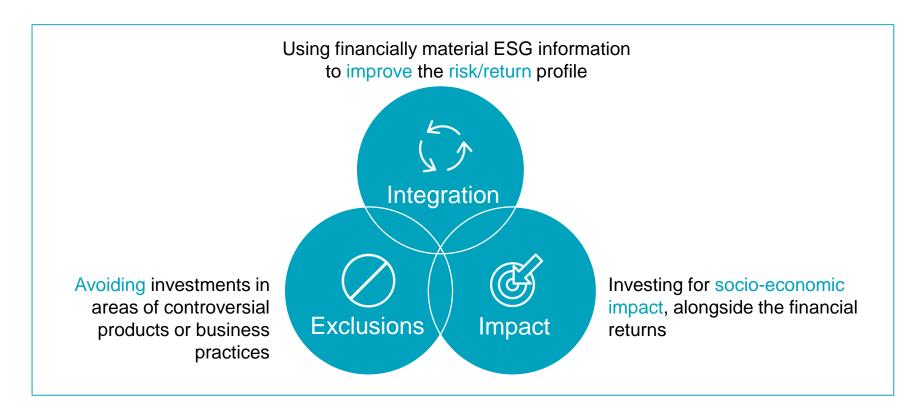
Global presence

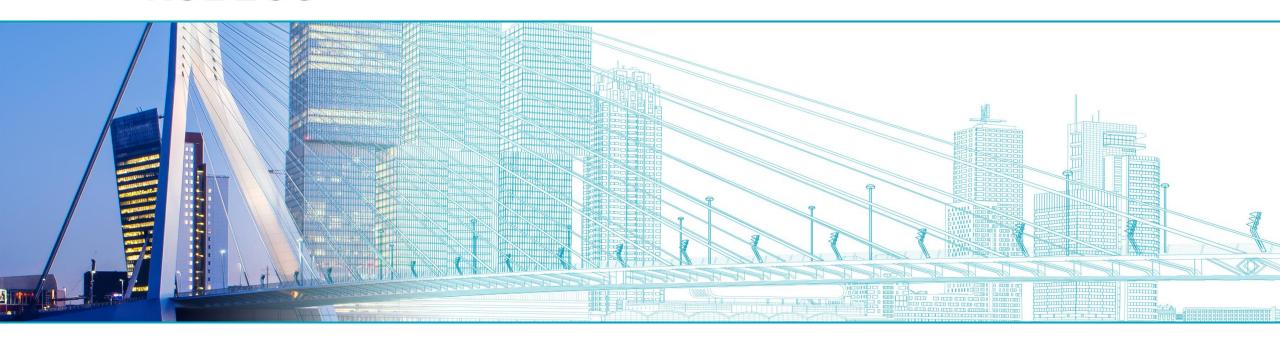


How investors can address ESG issues in their portfolios

Three broad approaches

- > Investors have different aims and objectives regarding sustainability
- Impact investing is becoming more and more important
- > Our engagement programmes are supporting the different approaches





The UN Sustainable Development Goals



United Nations Sustainable Development Goals

The Sustainable Development Goals (SDGs) are a set of 17 goals aimed at ending all forms of poverty, fight inequalities and tackle climate change





































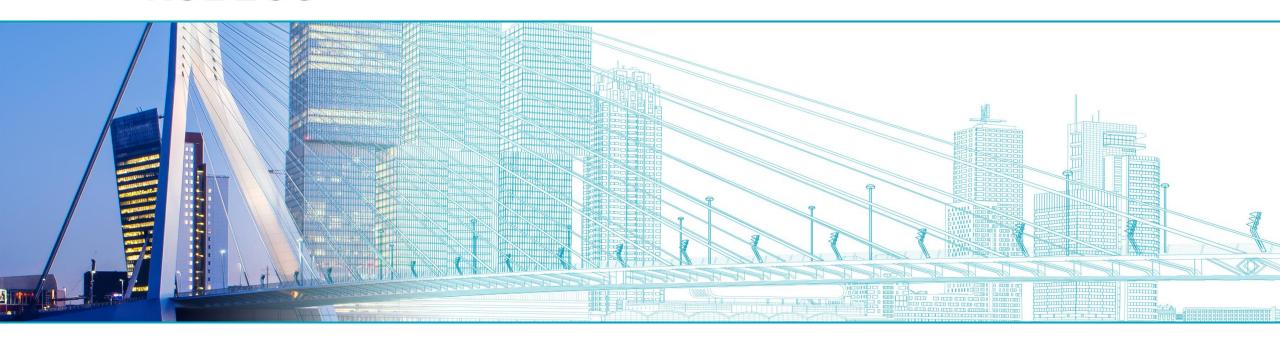
Source: United Nations, http://www.un.org/sustainabledevelopment/news/communications-material/

The SDG Investment Case

Why should investors care about SDGs?







SDGs Linked Investment Strategy

Assessing company's contribution to SDGs

The challenge is in evaluating and quantifying individual company's contributions to the SDGs

Three-step SDG framework developed jointly by Robeco and RobecoSAM:

Step 1:

What do companies produce?

Do products or services contribute positively or negatively to SDGs?

Positive contribution examples:

> Medicine, water, healthcare

Negative contribution examples:

> Shale gas, fast food, gambling

Step 2:

How do companies produce?

Does the company's business conduct contribute to SDGs?

Assess a company's:

- > Governance factors
- Pattern of questionable conduct?
- Differentiate between firms with highest SDG impact

Step 3:

Check on controversies

Has the company been involved in controversies?

Examples of controversies

- > Spills
- > Bribery and fraud
- > Mis-selling

The outcome is quantified in RobecoSAM's proprietary SDG rating methodology

Source: Robeco, RobecoSAM



Step 1: What do companies produce?

Extensive set of rules and KPIs

> Clear, objective and consistent decision rules to determine contribution to SDGs

Part of RobecoSAM's extensive rulebook:

Sector	SDGs	Starting point		KPI - 1			KPI-2			
		Contribution	Impact	Measure	Threshold	Contribution	Impact	Measure	Threshold	l
Banks 1,	1, 8, 9	Positive	Low	%SMEloans/total loans	>25%	Positive for SDG1, 8, 9	Medium	%EM loans/ total loans	<25%	
									>25%	
									>50%	
Energy (E&P)	7, 13	Negative	Low	%natural gas	>65%	Positive for SDG7, 13	Low	%Fracking+oil sands	>80%	
					45-65%	Neutral	Low		50-80%	
					30-45%	Negative for SDG7, 13		20-50%		
					<30%	Negative for SDG7, 13	Medium		<20%	
Automotives	11	Negative	Medium	%Alternative power trains	>5%	Neutral				
					>10%	Positive for SDG11	Low			
					>20%	Positive for SDG11	Medium			
					>30%	Positive for SDG11	High			

Source: Robeco, RobecoSAM

These examples are for information purposes only and not intended to be an investment advice in any way

Step 2: How do companies produce?

SDGs are also about how companies operate:

- > Reduce pollution, improve resource efficiency [SDGs 3, 6, 7, 8, 9, 11, 12, 13, 14, 15]
- > No child labor, safe working environment, labor rights [SDG 8]
- > No bribery/corruption, protect fundamental freedoms, accountable institutions [SDG 16]
- > Gender equality [SDG 5]

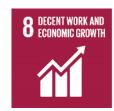
More qualitative assessment

- > Firm's governance framework
- > Conduct track record
- > Environmental policies
- **>** ...

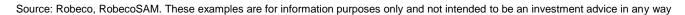
Adjust SDG rankings:

- Differentiate between firms with the highest SDG impact
- > Exclude firms in case of serious and structural breaches









Step 3: Check on controversies

Correct for controversies

Having the right products and the right policies not always sufficient

- > Firms can still be involved in controversies:
 - > Spills, contaminations, mis-selling, fraud, bribery,

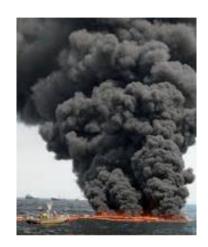
Analyst determines whether company passes

- > Are controversy structural or just a one-off?
- > Adequately dealt with by management?

Important inputs

- > Controversy ratings (RobecoSAM, Sustainalytics)
- > Engagement specialists

If the assessment isn't satisfactory then company doesn't pass



Source: Robeco, RobecoSAM. These examples are for information purposes only and not intended to be an investment advice in any way

SDG rating framework

Outcome three-step process quantified in SDG rating framework:

- > Contribution to the SDGs: positive/neutral/negative
- > Extent of the contribution: high/medium/low

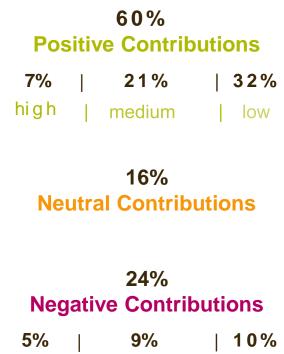
Assessment	Impact	SDG Score	
	High	+3	
Positive	Medium	+2	
-	Low	+1	
Neutral		0	
	Low	-1	
Negative	Medium	-2	
-	High	-3	

Framework used to determine Investable universe

Results SDG screening process

Circa 600 companies assessed by the analysts





5%	9%	10%
low	medium	high

Source: Robeco, RobecoSAM. Data September 2018 These examples are for information purposes only and not intended to be an investment advice in any way



From investable universe to portfolio

Using eligible universe to build a global SDG credit portfolio

Eligible bonds

- > Bonds with a neutral or positive SDG score
- > Green bonds with a positive ESG score

Assessment	Impact	SDG Score	Global SDG Credits
	High	+3	14%
Positive	Medium	+2	40%
	Low	+1	37%
Neutral		0	6%

Source: Robeco, RobecoSAM. Data end of November 2018

RobecoSAM Global SDG Credits: SDG Impact



Basic Needs

14% in RobecoSAM Global SDG Credits











Healthy Planet

17% in RobecoSAM Global SDG Credits











70% in RobecoSAM Global SDG Credits











Equality & Opportunity

25% in RobecoSAM Global SDG Credits









Robust Institutions

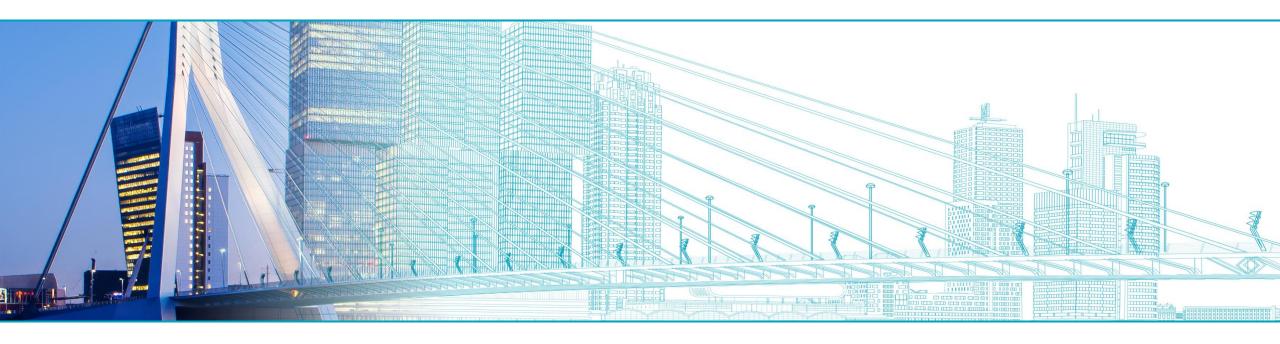
0% in RobecoSAM Global SDG Credits







Source: Robeco, RobecoSAM. Data end of November 2018



SDGs in Active Ownership

What is active ownership?

Active ownership is about exercising your rights and using your influence as owner of shares or credits.

This can reduce risks and enhance investment returns. It has two major components:



Voting



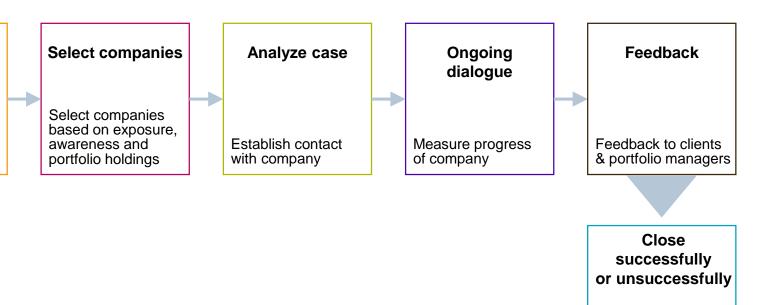
Engagement

Integrated and focused engagement process

Theme Selection

- Financially material
- Link to at least one Sustainable Development Goal

Define SMART engagement objectives Define objectives together with financial and SI analysts



Report to clients, analysts & portfolio

managers

Engagement themes started in 2018

Climate Action

- > Focus on biggest carbon emitters
- > PRI collaboration



- > Focus on technology & solar companies
- Closing the materials loop

Cyber Security

- > Focus on ICT & consumer sectors
- > PRI collaboration

Good Governance

- > Focus on company specific governance problems
- > Specifically includes Brazilian & Chinese companies

Food Security

- > Focus on agrochemical, seed, fertilizer & palm oil producers
- > Availability and accessibility of food

















Integrating SDGs in our engagement activities

Practical example: Reducing Global Waste

Scope: Small and mid-cap companies related to solar energy, industrial waste management and technology.

Engagement objectives:

- 1. Environmental impact assessment
- Environmental strategy
- 3. Sustainability reporting
- 4. Corporate Governance
- Social impact



Integrating SDGs in our engagement activities

Practical example: Reducing Global Waste

Engagement objectives linked to SDG sub-target:



Environmental Impact Assessment

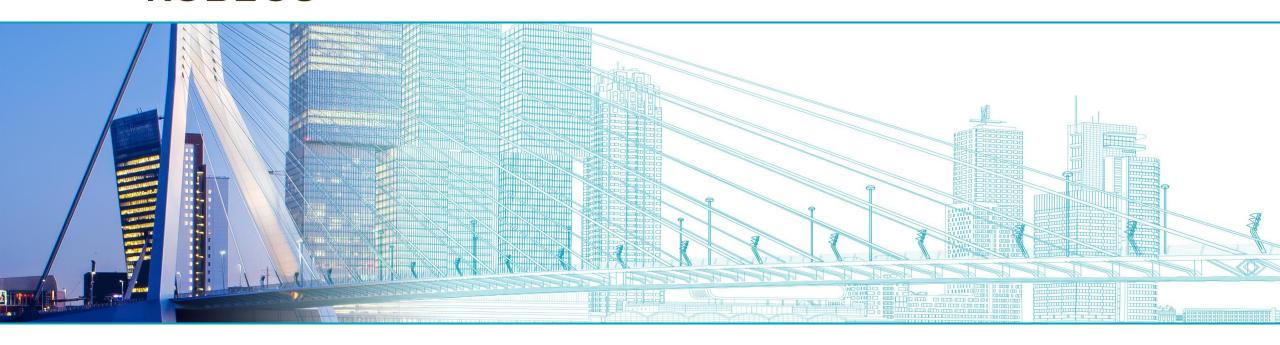


Environmental Strategy





"12.4 By 2020, achieve the
environmentally sound management of
chemicals and all wastes throughout their
life cycle [...] and significantly reduce their
release to air, water and soil in order to
minimize their adverse impacts on
human health and the environment"



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