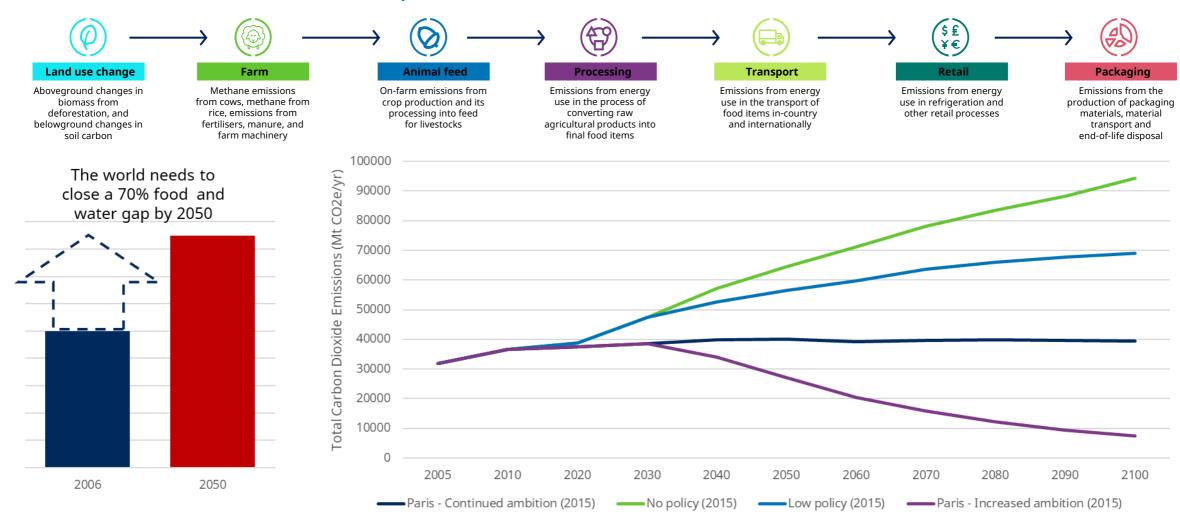


### Lower emissions, lower waste, with higher output

70% increase in food and water production with a 2/3 reduction in GHG emissions

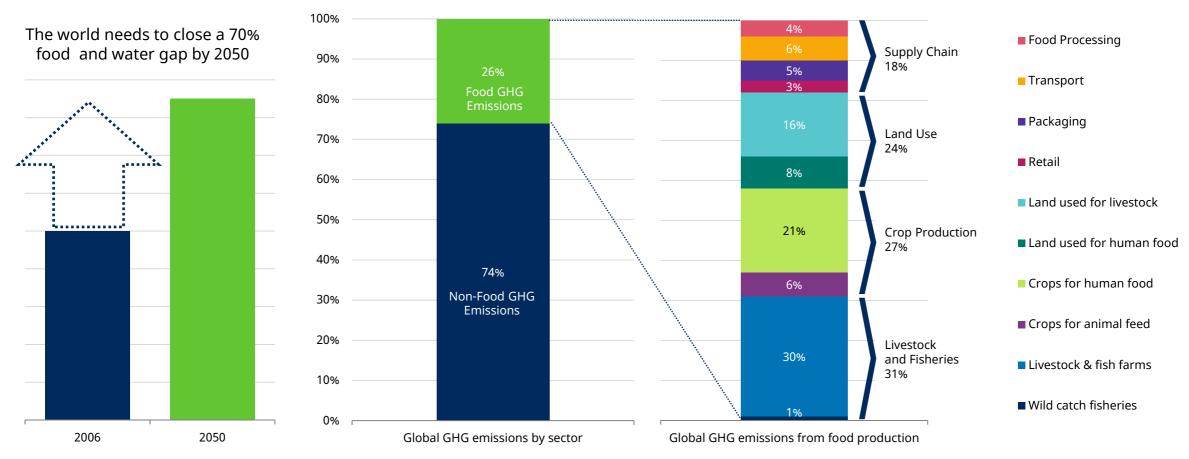


Source: FAO, OECD; USDA,; Our world in data, Schroders – 28 February 2023.

### The current food and water system globally is not sustainable

USD 30 trillion must be spent across the different food and water value chains by 2050

The entire agricultural value chain needs to decarbonise and change to achieve the 2°C climate targets

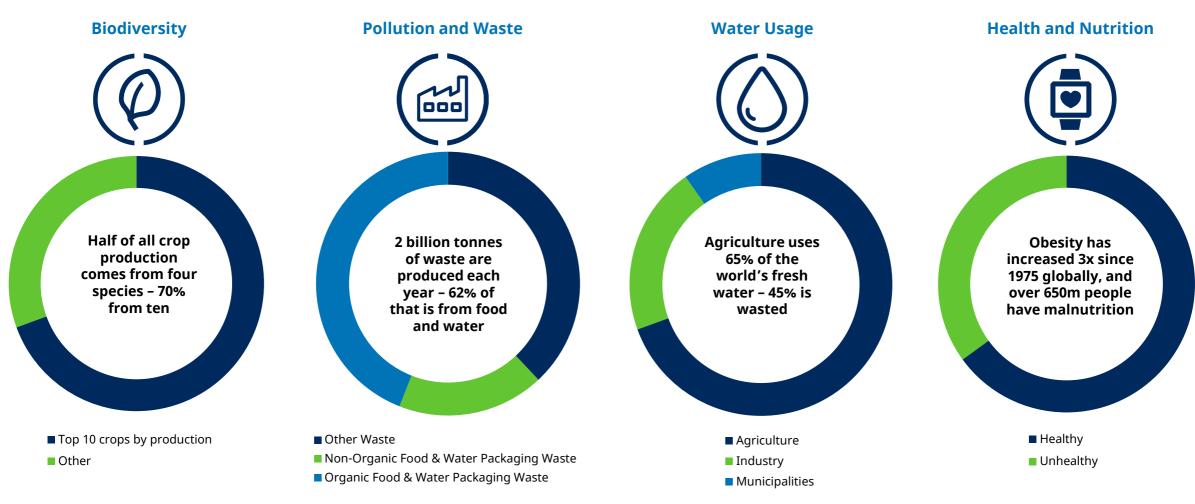


Source: OWID, Schroders – 28 February 2023.

The emissions gap represents the difference between the emissions countries have pledge to reduce and the emissions that need to be reduced to limit global temperature increases to below 1.5°C or 2°C.

### The current food and water system globally is not sustainable

Four key sustainability areas need to be tackled



Source: EU, World Bank, Our World In Data, OECD, National Geographic, Schroders – 28 February 2023.



### The food & water system must undergo three structural changes

New technologies, new policies and growing consumer demand will drive the change



# Higher agricultural yield and efficiency

Agricultural output needs to increase 70% to feed **10 billion people by 2050** whilst using less land, and lowering water intensity.



# A change in global diet and eating patterns

Health and sustainability considerations are disrupting traditional dietary habitats. Meat substitutes make up only 1% of the meat market today but realistically need to increase tenfold in 10 years<sup>1</sup>.



## A major reduction in waste and emissions.

On current trajectories agriculture will use the world's entire carbon budget by 2050. The food and water system is hugely wasteful, 44% of crops are lost before consumption.

1

Technology as the enabler – as expansion of cultivated land becomes limited, technology will be essential to meet growing demand.

2

There is **growing consumer demand** for organic products, with an emphasis on sustainability of brand. COVID-19 has only accelerated health awareness.

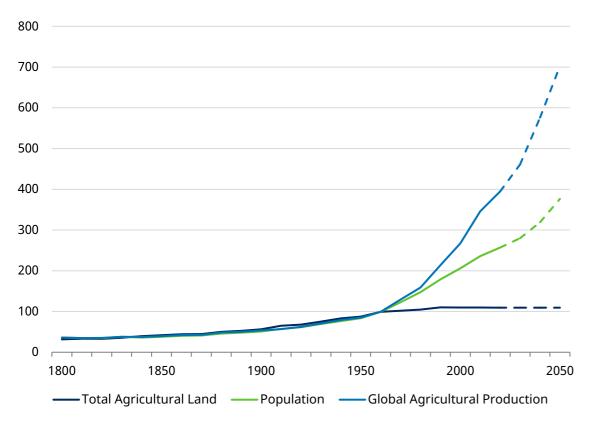
**New policies** around the world are starting to focus on reducing GHG emissions of high carbon intensity industries like agriculture.

### We need to generate higher agricultural yields fast

Without further technological shifts we will need to farm more and more land

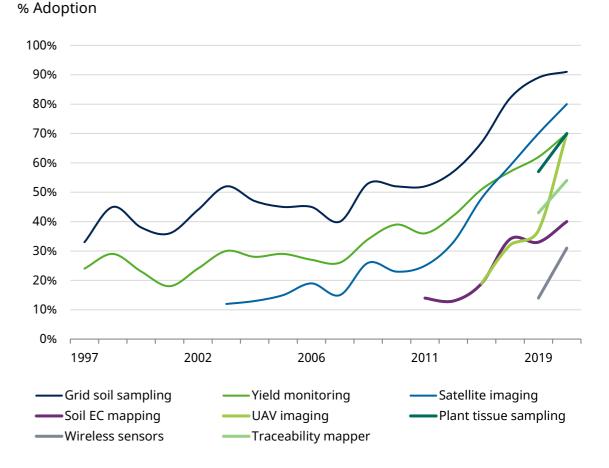
#### Land is now a limiting factor that must be overcome

Index (re-based to 1960)



#### Yield improvement in crops needs to accelerate





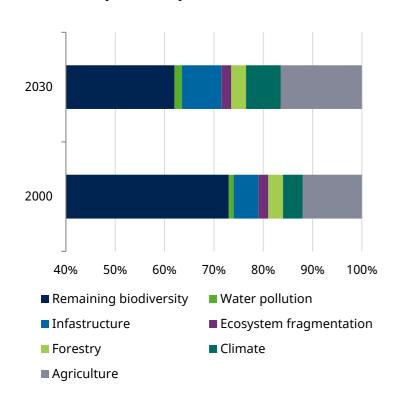
Source: FAO, OECD; USDA, BAML; Our world in data, Schroders - 28 February 2023.

### Agriculture is currently the largest cause of biodiversity loss

We need to alter our practices to protect our future sources of food and water

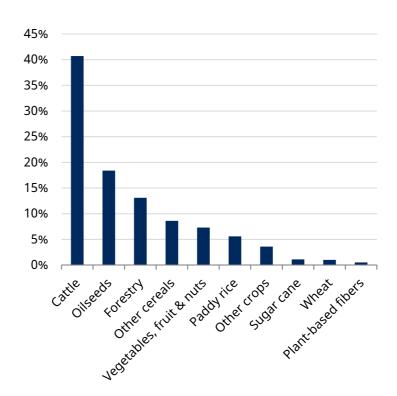
# **Biodiversity losses due to various factors**

% Biodiversity loss today and forecast



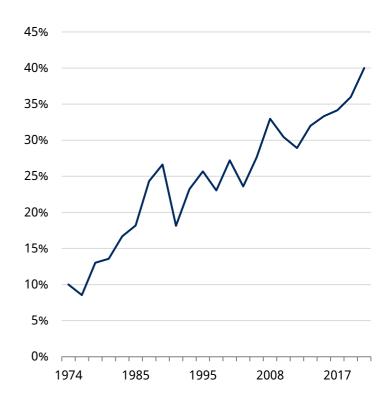
# Share of commodity driven deforestation

% Associated deforestation



# Global fish stocks are becoming more and more overexploited

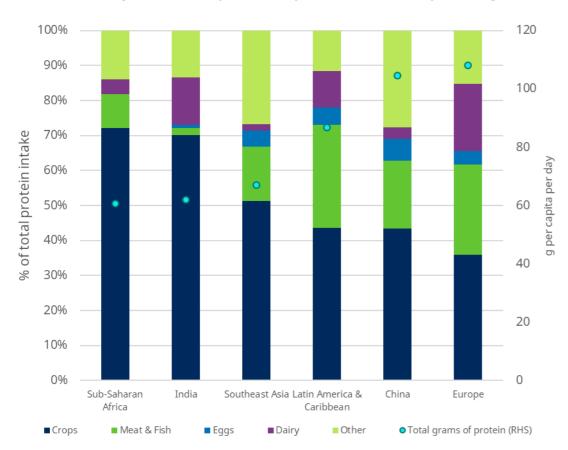
% Overexploited fish stocks



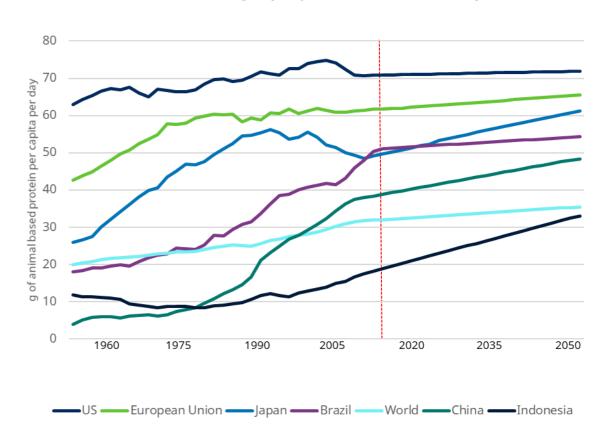
### A change in global diet and eating patterns

Demographic trends and healthier eating habits will create major opportunities

#### Protein consumption is likely to nearly double for many EM regions



#### Protein demand is increasing rapidly as middle classes expand in EMs

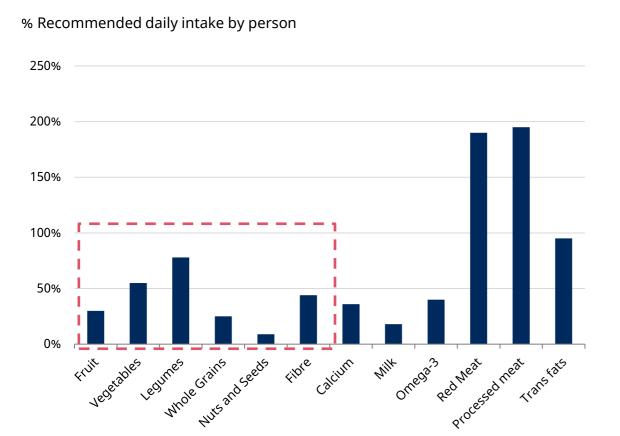


Source: FAO, OECD; USDA, BAML; Our world in data, Schroders - 28 February 2023.

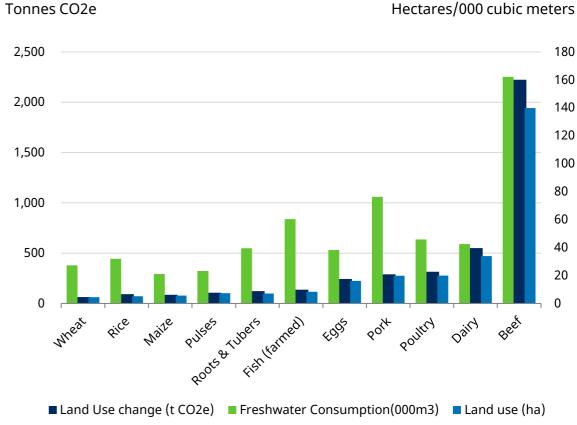
### A change in global diet and eating patterns is required

Diets and habits need to change for the sake of both our health and our planets'

#### Diets are currently hugely suboptimal for health



#### Resource intensity per tonne of protein consumed



### Lower emissions, lower waste, with higher output

#### Regulation is starting to drive companies to be more resource efficient

The US, Brazil, Ukraine, China and Argentina are the biggest exporters to Europe – accounting for 35% of total exports

Reduce use of chemical pesticides by 50% and hazardous pesticides by 50%

Reduce use of fertilizers by 20%

Accelerate roll-out of fast broadband in rural areas (100% access by 2025)

Reduce nutrient losses by at least 50%, with no deterioration in soil fertility



China feeds over one-fifth of the world's population with only one-fifteenth of the world's arable land

Reduce use of anti-microbials by 50% for farmed animals and aquaculture

Reduce per capita food waste at the retail and consumer level through legally binding targets

Africa on average spends 5.3% of their GDP on agriculture. Largest trading partner is Europe

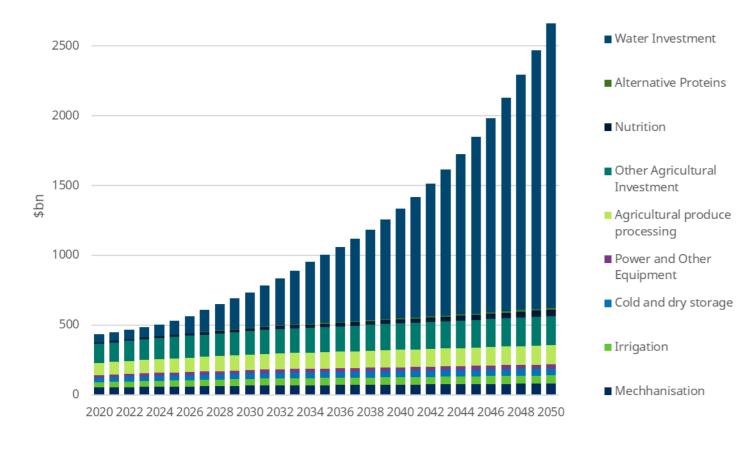
Directly spend EUR10bn on improving agricultural technologies

Source: Google, Schroders – 28 February 2023.

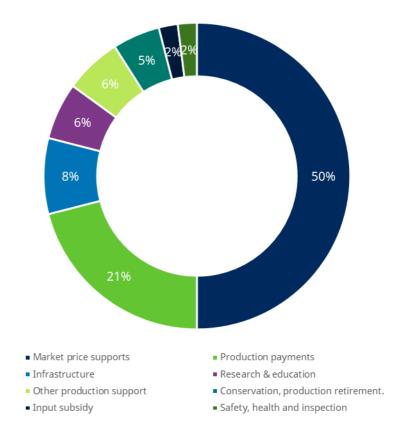
### Lower emissions, lower waste, with higher output

Government support for more sustainable agriculture likely to increase substantially

#### \$30 trillion of capital investment forecast to be required



#### **Subsidies by areas of support**



Source: WRI, FAO, OECD; USDA, BAML; Our world in data, Schroders - 28 February 2023.

#### Focused on six investment areas across the entire food value chain

# Food & Water Inputs

To bridge the yield gap that will open up by 2050, we need input technologies that enable farmers to producer more with lower resource intensity. This will include water testing and intensity management, as well as bespoke fertilisers, pesticides and advanced seed technologies. Likewise to improve global health better natural ingredients and nutritional supplements will be required.

# Food & Water Production and Processing

Farming methods need to modernise globally to increase agricultural production by 70% by 2050, whilst lowering GHG emission by 66%. This is only possible through the adoption of a wide array of technologies that limit waste, increase food security against weather extremes, and allow greater resource efficiency.

This includes prescription farming with real time sensors, that allow more precise, data driven approach, all of which improves food security and yield. Likewise, aquaculture and alternative proteins are set to rapidly expand given their high resource intensity and lower associated emissions.

# Food & Water Distribution and Retail

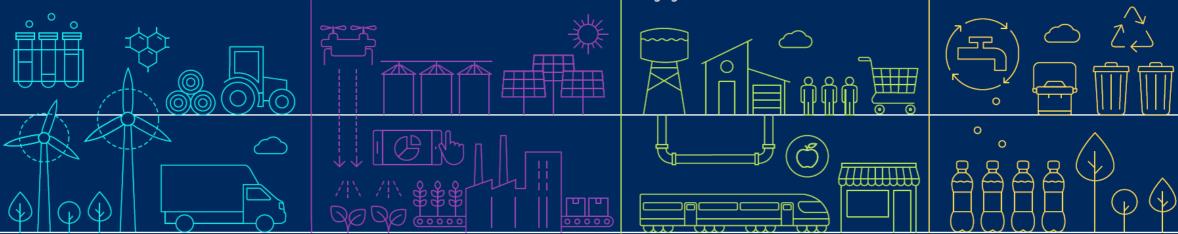
Food and water waste are at the centre of the agricultural transition to be more sustainable. Ensuring that the way we get finished food and beverage produce from factories to the end consumer is a large part of minimising that waste.

The more sustainable methods of transport, such as shipping and rail, as well as better refrigerated transport, will help achieve this, with lower associated emissions.

Equally, as diet and health becomes even more of a central focus of consumers, restaurants and retail outlets will be required to cater for changing demands.

# Food & Water Recycling

Two billion tonnes of waste are currently produced annually, with only 20% recycled or composted. Likewise, 45% of water withdrawn is released as waste water. Recycling of this waste at the end of its lifecycle will become a crucial business, that will help the global food and water system become sustainable.



Source: Schroders - 28 February 2023.

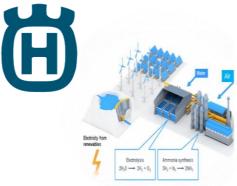
### Higher agricultural yield and efficiency

#### Technology will be the enabler















**LERØY** 





**Green Ammonia** 





**Livestock Mitigation** 

∧ AppHarvest



**Aquaponics** 



**Gene Editing** 





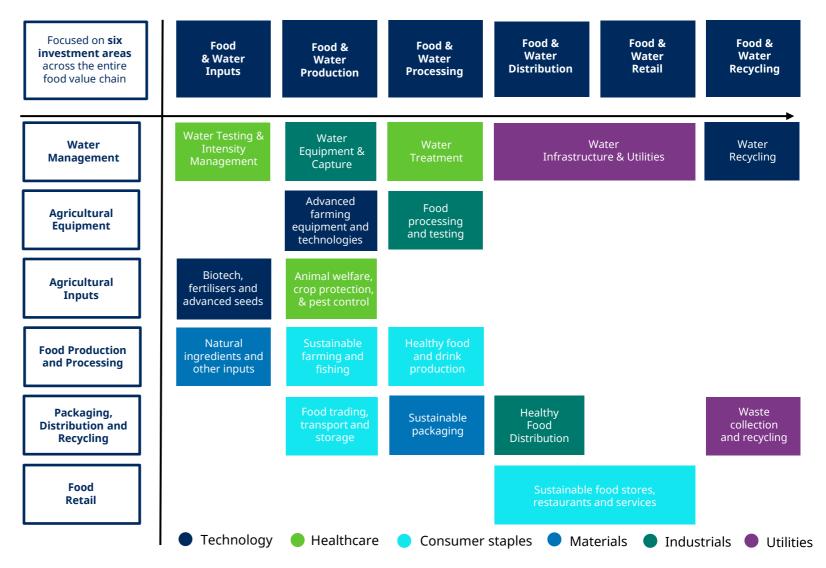


# Investment proposition

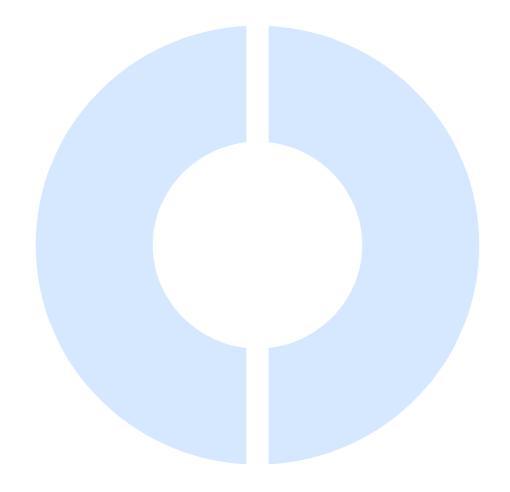
Providing focused thematic exposure to the transition to a more sustainable and healthier food system

Seeking opportunities in multiple investable markets, from farm to fork, including sustainable agriculture, healthy eating and recyclable packaging.

ESG & sustainability overlay: All companies are aligned with at least one of the five sustainability areas.



# **Schroders**

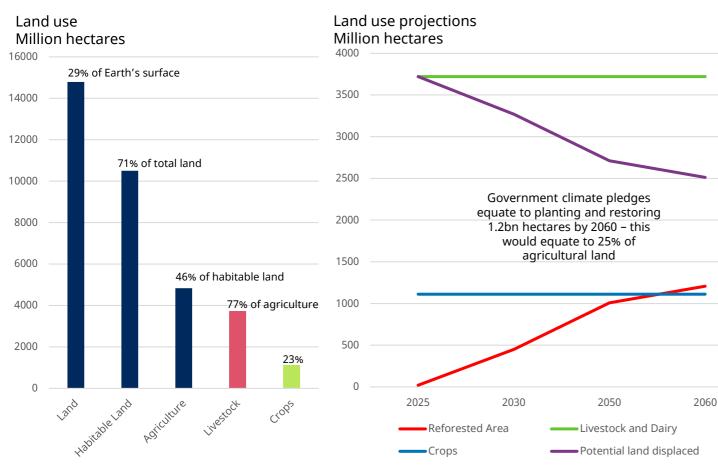


**Sub-sector drivers** 

### **Agricultural Equipment – Tech upgrade**

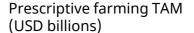
Agricultural equipment will be needed to meet agricultural sustainability challenges

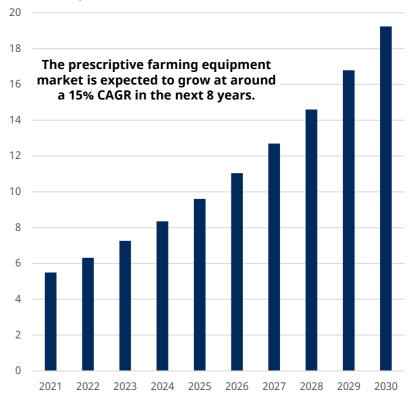
### Agriculture already uses nearly half of all habitable land



# Reforestation need to meet climate targets, this competes with growing food

# Prescriptive farming and ag equipment is a key beneficiary



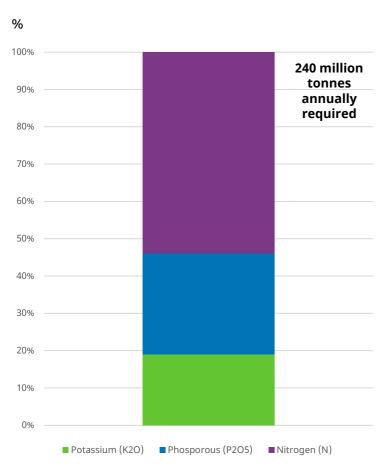


Source: Our World In data, Land Gap Report, Agrivi, Schroders – April 2023

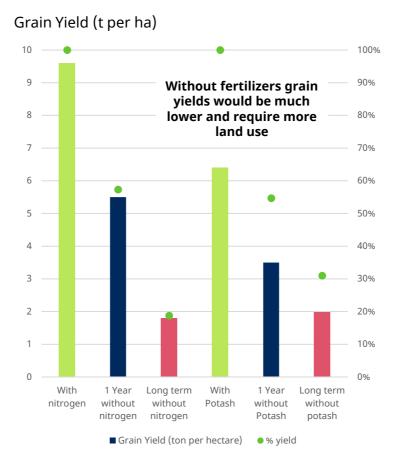
### **Agricultural Inputs – Sustainable Fertilisers**

Fertilizers are essential to feeding a growing population, but must be made sustainably

# Crops require a range of nutrients to grow properly

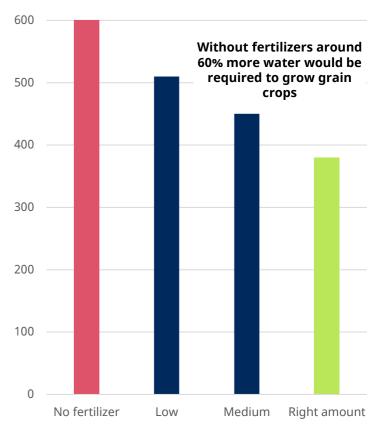


# Land requirement of grains would be much higher without fertilizers



# Water requirement of grains are much higher without fertilizers





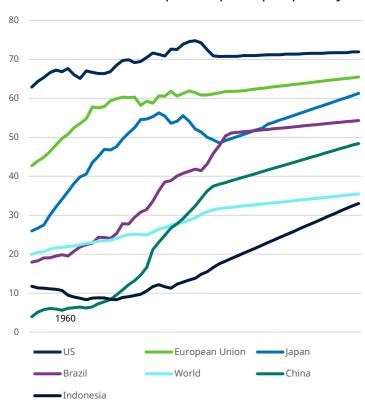
Source: Yara, PDA, Research Gate, Schroders – 13th April 2023.

#### **Aquaculture – Sustainable Protein**

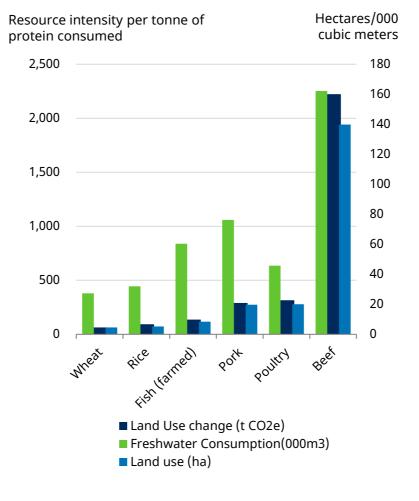
#### Aquaculture, a more sustainable alternative protein source to feed growing demand

#### Forecast of protein demand to 2050

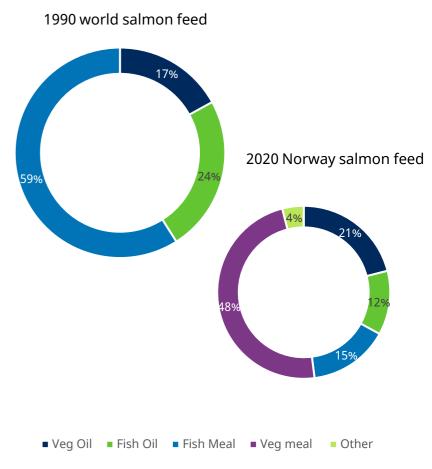
Grams of animal based protein per capita per day



# Salmon offers a carbon, land and water efficient source of protein



### Salmon farmers are becoming more sustainable over time

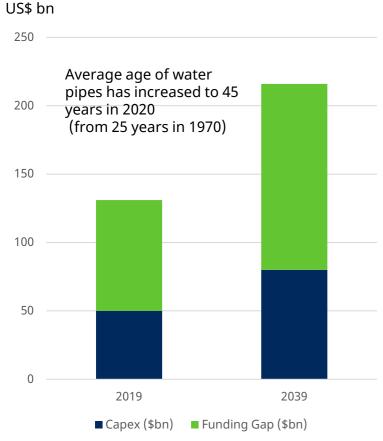


Source: Yara, PDA, Research Gate, Schroders – 13<sup>th</sup> April 2023.

#### Water Management – Essential investment

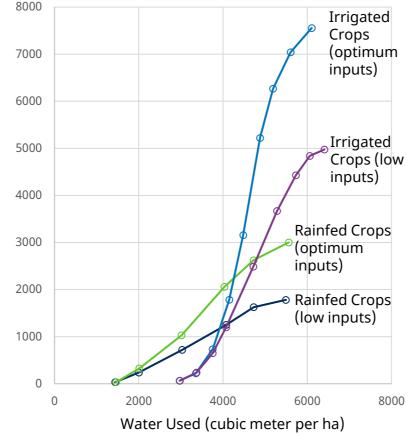
Water management is a growing challenge for utilities and agriculture

### There is a growing funding gap for water infrastructure



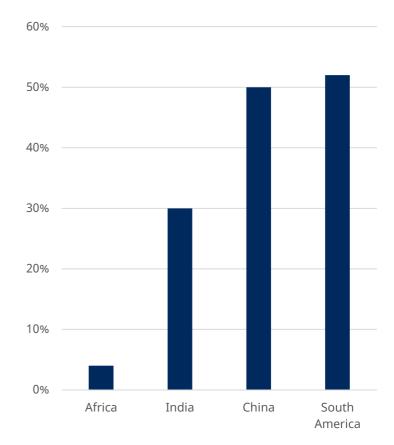
# Irrigation is essential to feed a growing population





# Parts of the world are still very reliant on rainfed crop production

#### Cropland irrigated (%)



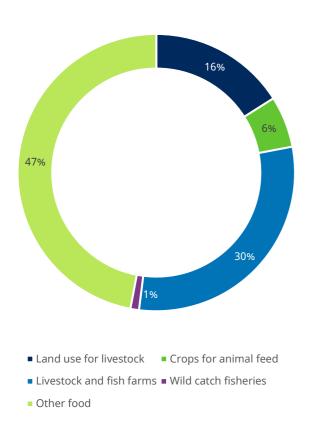
Source: Company filings, FAO Schroders – 13th April 2023.

### **Food Technology – Alternative proteins**

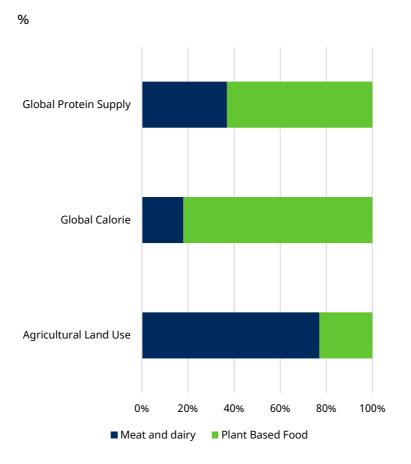
#### Changing diets and new food technologies offer growth opportunities

Dairy and meat accounts for over 50% of food GHG emissions

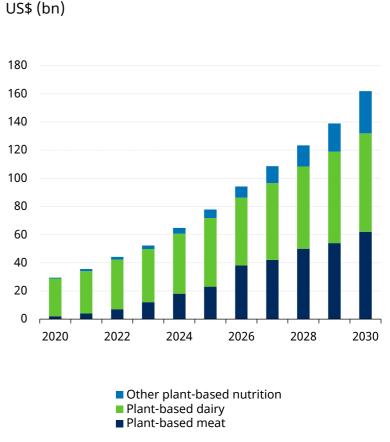
% of food GHG emissions



Plant based protein alternatives are key to decarbonise the food system



There are major growth opportunities for food tech companies in these markets



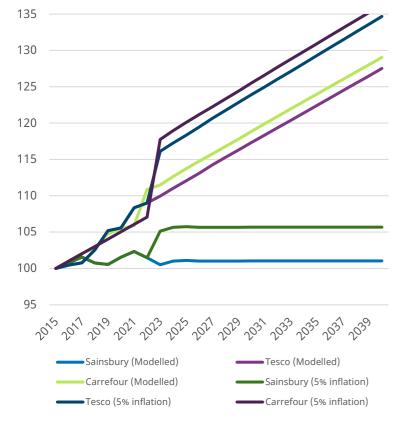
Source: OWID, Our World In Data, Schroders – 13th April 2023.

### Food Retail - Directly investing in sustainable food chain

Food retailers are well placed for a more sustainable food system

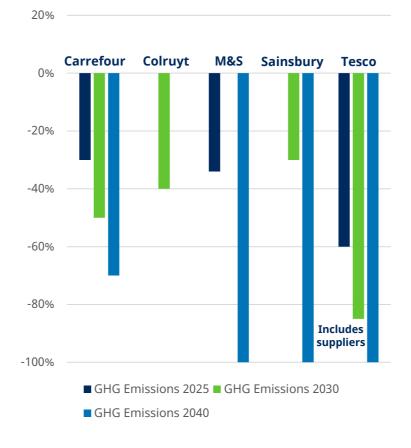
# Food retail companies operational leverage to food inflation

#### % change in earnings



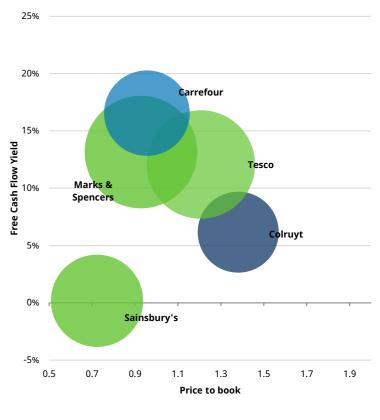
# Food retail targets drive the decarbonisation of food producers

#### GHG emission reduction (%)



# Valuations are attractive with strong free cash flow generation

#### Food retail valuations



Source: Company filings, Schroders – 13th April 2023.



### Food Packaging - CO2 intensity has to decrease

Sustainable food packaging should outgrow an already growing market

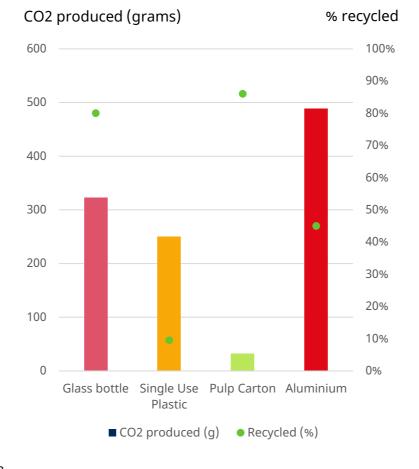
## Food packaging market is huge and sustainable packaging a small part

Market size (\$bn)

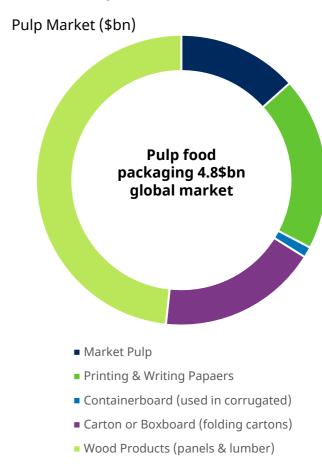


- Beverage cans
- Food cans
- Glass containers
- Plastic bottles
- Flexible packaging
- Labels and pressure sensitive materials

# Pulp offers a lower carbon and highly recyclable alternative in food packaging



# Sustainable pulp packaging is a beneficiary as the world decarbonises



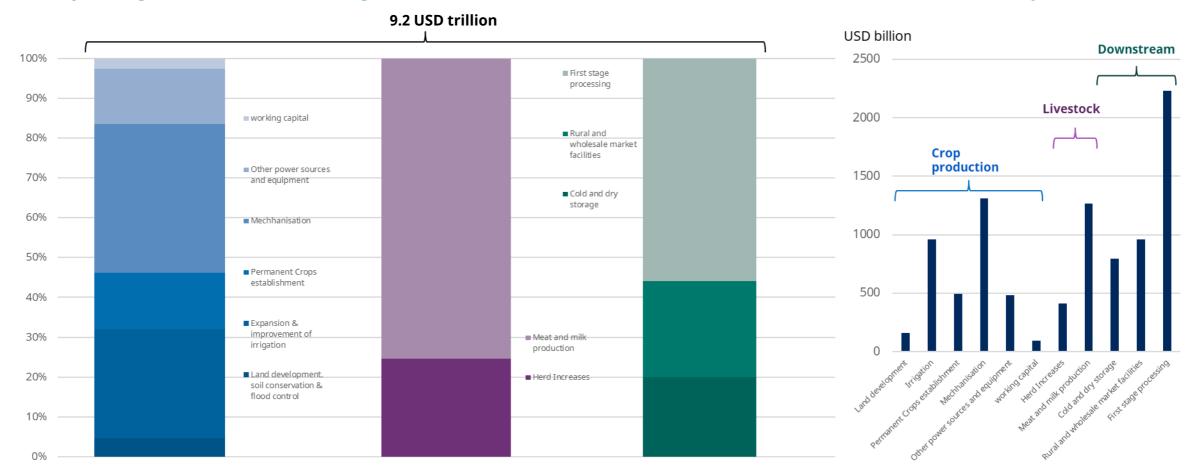
Source: BAML, Fortune Business Insight, Schroders – 13th April 2023.

#### **Current investment rates need to increase substantially**

USD 30 trillion must be spent across the different value chains by 2050

#### Food spending forecast conservative given it does not include OPEX

#### **Absolute investment by value chain**



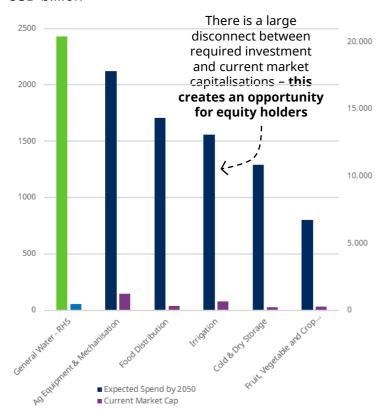
Source: FAO, Schroders - 30 December 2022.

### **Current investment rates need to increase substantially**

Over USD 30 trillion must be spent across the different value chains out to 2050

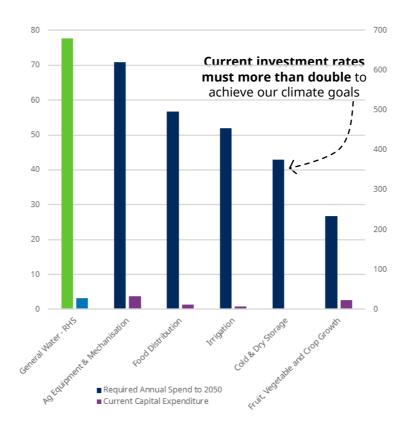
# Cumulative required investment vs current company market capitalisation

#### USD billion



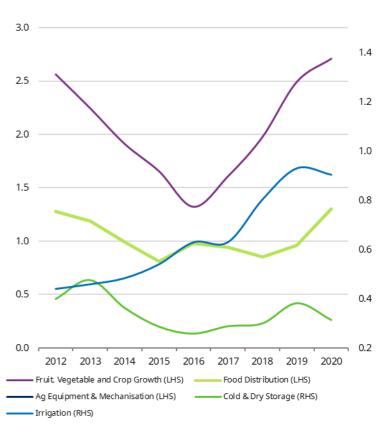
### Required annual investment vs current annual investment

#### **USD** billion



### Historic annual investment by value chain

#### **USD** billion



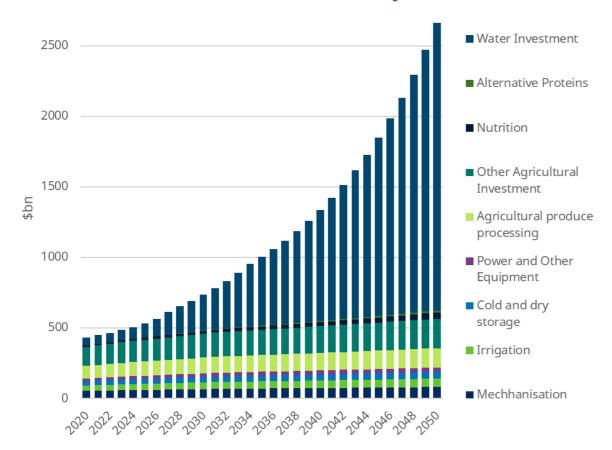
Source: FAO, USDA, Schroders - 13th April 2023.



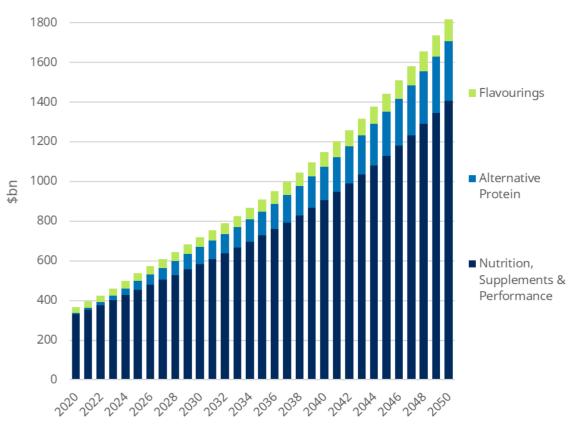
### **Current investment rates need to increase substantially**

USD 30 trillion expected to be spent across the different value chains by 2050

Cumulative required capital investment in food & water to meet demand sustainably



# Rapid growth in food technologies (total addressable market \$bn)

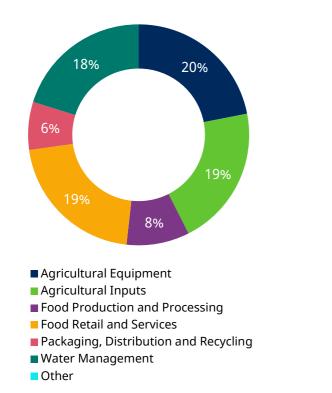


Source: FAO, EU, OECD, Schroders - 28 February 2023.

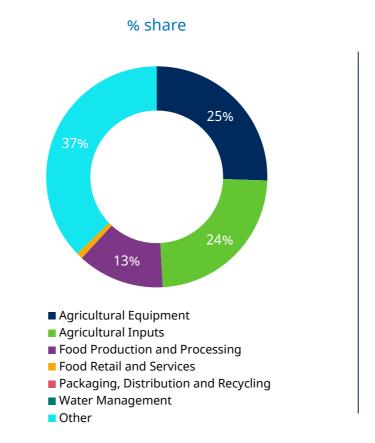
Offering a focused exposure to the full food and water opportunity

# Schroder Global Sustainable Food and Water Universe<sup>1</sup>



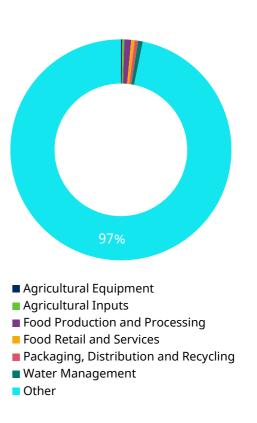


#### **MSCI Agricultural Producers Index**

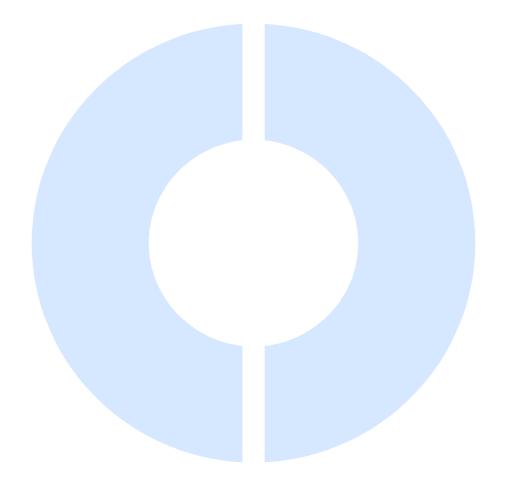


#### **MSCI ACWI**

% share



# **Schroders**



# **Positioning & Performance**

#### A diversified portfolio focused on sustainable earnings and cash flow growth

Company	Portfolio weight (%)	Sub-Sector	Upside (%)	GARP score	1Y foward cash flow growth	2Y forward cash flow growth	5Y forward cash flow growth	2Y forward blended clean cash flow yield	l 5Y forward blended clean cash flow yield	1Y forward EV / EBITDA	2Y forward EV / EBITDA	5Y forward EV / EBITDA	Current net debt / equity	Current debt / total capital	Sustainability classification
Carrefour	4.81%	Food Specialist Retail	67.0%	8	14.6%	26.4%	(18.1%)	16.7%	17.4%	5.33	4.56	4.02	53.9%	57.3%	Best-in-class
Yara	4.47%	Fertilisers	56.8%	8	5.8%	10.9%	(22.9%)	10.6%	11.5%	4.57	4.24	3.74	17.1%	32.9%	Best-in-class
HelloFresh	3.79%	Food Distribution - New Economy	155.4%	5	28.0%	62.4%	190.4%	9.9%	6.5%	5.68	3.20	1.74	0.9%	45.4%	Best-in-class
Kubota	3.77%	Mechanical Farming Equipment	62.5%	8	10.2%	24.2%	54.2%	9.5%	5.5%	9.28	7.83	6.06	55.3%	44.5%	Best-in-class
Glanbia	3.74%	Health Food	30.3%	7	7.5%	13.9%	305.8%	9.7%	9.3%	8.62	7.69	6.34	7.5%	35.2%	Neutral
Husqvarna AB	3.55%	Other Equipment	60.5%	6	33.6%	37.0%	45.1%	9.9%	5.8%	7.51	6.60	4.96	58.8%	44.2%	Best-in-class
Bayer	3.21%	Diversified Agricultural Inputs	67.3%	6	(2.6%)	(3.9%)	119.0%	15.7%	14.8%	6.84	6.33	5.30	57.3%	51.6%	Neutral
Kemira	3.05%	Water Treatment	65.1%	8	7.1%	13.7%	72.9%	12.3%	10.3%	5.62	5.18	4.43	36.0%	37.8%	Best-in-class
Sainsbury	2.96%	Diversified Retail	63.3%	8	2.2%	11.7%	(41.3%)	0.2%	18.5%	4.98	4.62	3.93	54.7%	46.7%	Best-in-class
Nutrien	2.94%	Diversified Agricultural Inputs	79.5%	8	30.1%	27.8%	75.0%	16.1%	12.4%	3.55	3.21	2.64	5.2%	31.6%	Best-in-class
Danone	2.92%	Health Food	35.8%	5	9.1%	15.7%	123.6%	8.5%	8.1%	8.92	8.14	6.80	35.4%	45.1%	Best-in-class
CNH	2.83%	Mechanical Farming Equipment	70.6%	8	10.6%	20.2%	28.7%	12.4%	7.2%	7.36	6.61	5.28	165.4%	76.9%	Best-in-class
Kerry	2.78%	Alternative Protein Technology	40.1%	8	14.4%	28.3%	84.9%	8.1%	6.8%	10.16	8.56	6.24	17.0%	34.2%	Best-in-class
Novozymes	2.58%	Diversified Agricultural Inputs	38.6%	4	9.3%	18.7%	80.2%	5.3%	4.4%	12.19	10.97	8.48	8.5%	32.8%	Best-in-class
Darling	2.55%	Waste Management	73.5%	7	47.4%	54.2%	64.9%	9.2%	8.3%	9.23	10.39	7.45	30.1%	47.9%	Best-in-class
Sprouts Farmers Market	2.53%	Organic Food Retail	34.0%	8	16.2%	28.5%	57.1%	5.9%	6.1%	7.44	6.46	4.54	54.7%	59.6%	Best-in-class
Tyson Foods	2.47%	Meat Production	36.7%	6	43.6%	56.6%	107.8%	12.2%	8.2%	5.61	4.93	3.29	29.6%	30.8%	Neutral
Colruyt	2.42%	Diversified Retail	38.8%	7	8.1%	11.0%	3.5%	6.1%	5.3%	5.55	5.34	3.98	1.6%	28.9%	Neutral
Golden Agri	2.38%	Crop, Fruit & Vegetable Production	104.3%	6	(45.1%)	(41.6%)	(34.3%)	25.2%	27.3%	3.53	2.92	2.07	24.1%	36.2%	Neutral
Metawater	2.31%	Water Diversified	45.4%	6	8.0%	11.4%	58.1%	9.5%	7.2%	5.31	4.69	3.18	(24.8%)	17.2%	Neutral
Top 20 Positions	62.0%		62.7%	6.92	13.2%	22.0%	68.7%	10.8%	10.2%	6.81	6.03	4.69	35.3%	42.5%	
MSCI ACWI Index					13.2%	72.1%		5.9%		5.62	9.12		43.6%	55.1%	

Strong cash flow growth over next two and five years

Realising this strong cash flow growth at a reasonable price on both two and five year measures

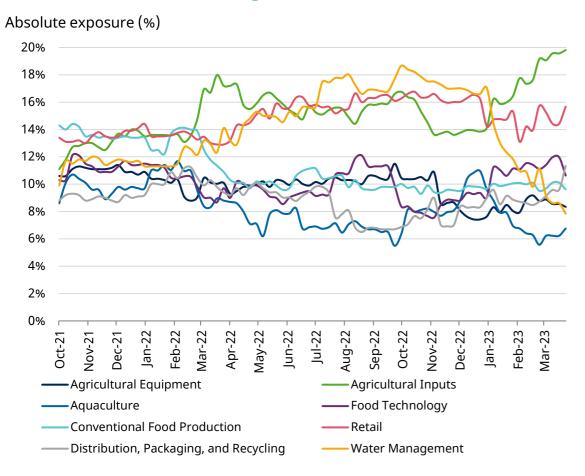
A sustainable portfolio with high quality, low geared companies

Source: Bloomberg, Schroders – 31st March 2023. Stocks are shown for illustrative purposes and should not be viewed as a recommendation to buy or sell.

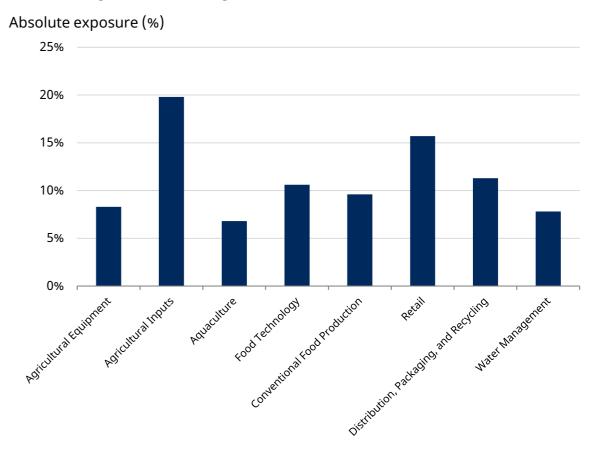


Balanced positioning across the different parts of the food and water value chain

#### Historic sub-sector weights over time



#### **Current portfolio exposures**



Source: Schroders – 31st March 2023. Stocks are shown for illustrative purposes and should not be viewed as a recommendation to buy or sell.

#### Sustainable food and water valuations

Valuations overall look attractive versus the wider equity market

#### Average 2YF EV/EBITDA for universe<sup>1</sup>



#### Relative 2YF EV/EBITDA against wider market<sup>2</sup>

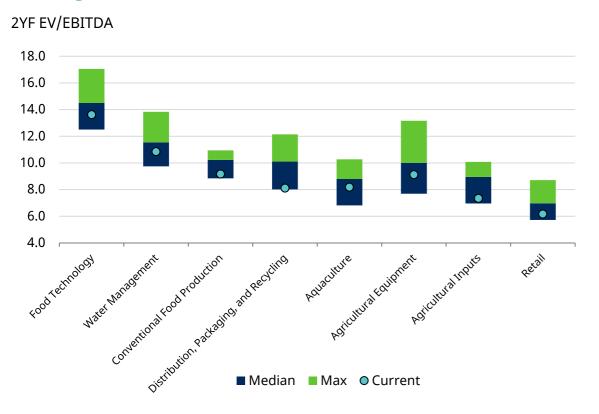


Source: Bloomberg, Schroders – 31st March2023. <sup>1</sup>Average represents an equally weighted average for selected companies in the SISF Global Sustainable Food and Water universe. <sup>2</sup>Wider market as defined by MSCI ACWI. For illustrative purposes only and should not be viewed as a recommendation to buy or sell.

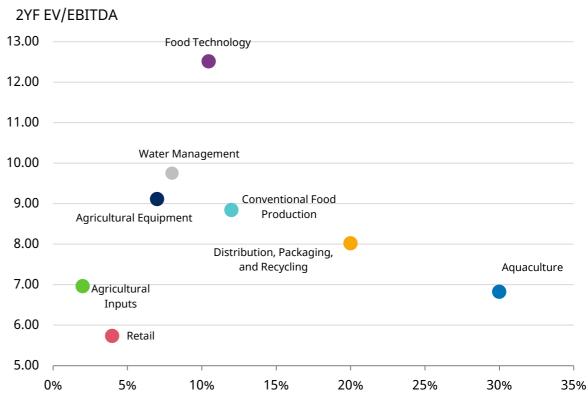
#### Sustainable food and water valuations

Valuations look very reasonable on an absolute and relative basis

#### Average sub-sector 2YF EV/EBITDA<sup>1</sup>



#### Average sub-sector 2YF EV/EBITDA vs EBITDA growth<sup>1</sup>



3YR EBITDA CAGR (%)

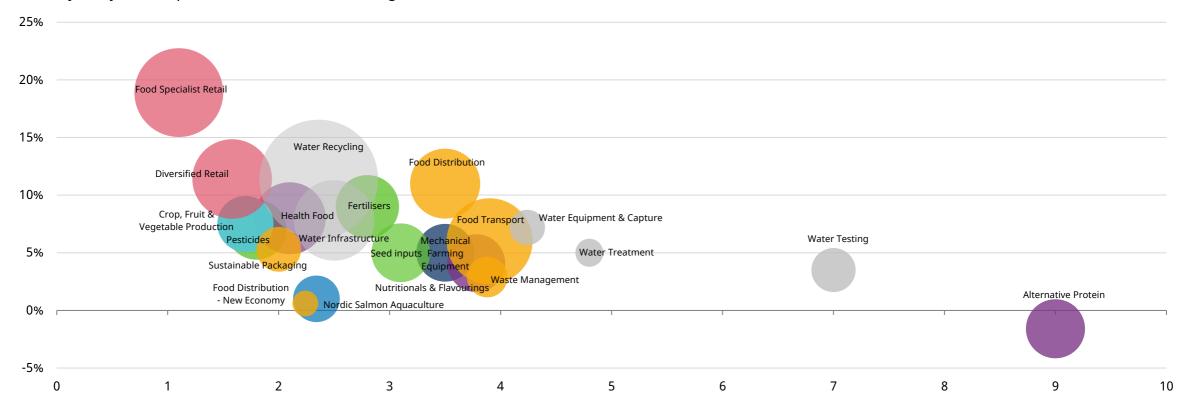
Source: Bloomberg, Schroders – 31<sup>st</sup> March 2023. <sup>1</sup>Average represents an equally weighted average for selected companies in each sector within the SISF Global Sustainable Food and Water universe. For illustrative purposes only and should not be viewed as a recommendation to buy or sell.

#### Sustainable food and water valuations

Remain focused on strong cash generators with low leverage at reasonable prices

#### Average sub-sector price-to-book vs free cash yield vs leverage<sup>1</sup>

Free cash yield (y-axis) vs price-to-book (x-axis) vs leverage (size)



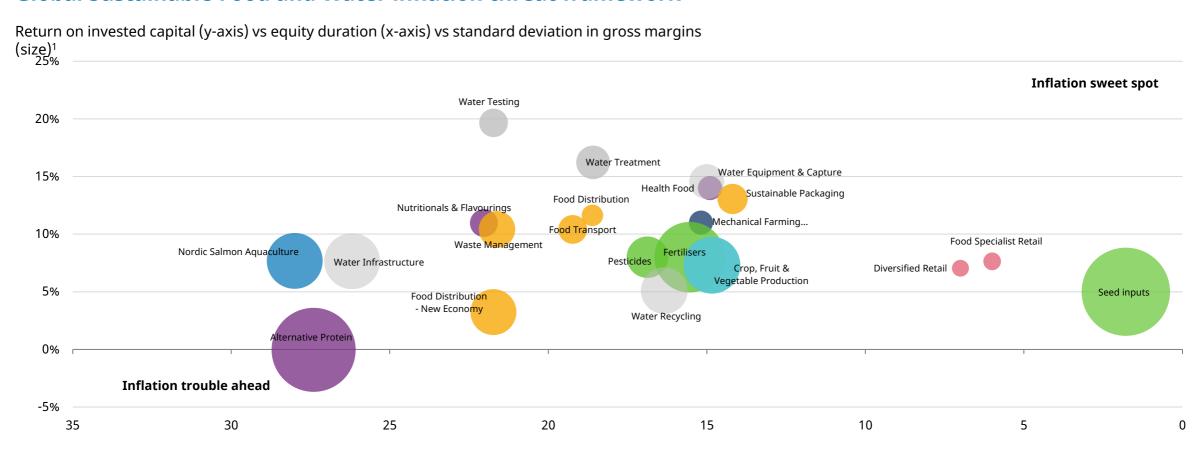
<sup>1</sup>Average represents an equally weighted average for all companies in each sub-sector. Source: Schroders, Bloomberg, Company Data – 31<sup>st</sup> March 2023. For illustrative purposes only and should not be viewed as a recommendation to buy or sell.



### Managing inflationary risks could be vital going forward

The potential for more persistent price pressures longer-term cannot be ignored

#### Global Sustainable Food and Water inflation threat framework



<sup>1</sup>Average represents an equally weighted average for all companies in each sub-sector. Source: Schroders, Bloomberg, Company Data – 31<sup>st</sup> March 2023. For illustrative purposes only and should not be viewed as a recommendation to buy or sell.



#### Performance vs comparators

#### Since inception 05 October 2021 to 31st March 2023

Total shareholder return (%)



#### **Risk Considerations:**

Concentration risk: The fund may be concentrated in a limited number of geographical regions, industry sectors, markets and/or individual positions. This may result in large changes in the value of the fund, both up or down.

Currency risk: The fund may lose value as a result of movements in foreign exchange rates.

Currency risk / hedged share class: The hedging of the share class may not be fully effective and residual currency exposure may remain. The cost associated with hedging may impact performance and potential gains may be more limited than for unhedged share classes.

Derivatives risk -efficient portfolio management: Derivatives may be used to manage the portfolio efficiently. A derivative may not perform as expected, may create losses greater than the cost of the derivative and may result in losses to the fund.

IBOR Risk -The transition of the financial markets away from the use of interbank offered rates (IBORs) to alternative reference rates may impact the valuation of certain holdings and disrupt liquidity in certain instruments. This may impact the investment performance of the fund.

Liquidity risk: In difficult market conditions, the fund may not be able to sell a security for full value or at all. This could affect performance and could cause the fund to defer or suspend redemptions of its shares.

Operational risk: Operational processes, including those related to the safekeeping of assets, may fail. This may result in losses to the fund.

Performance risk: Investment objectives express an intended result but there is no guarantee that such a result will be achieved. Depending on market conditions and the macro economic environment, investment objectives may become more difficult to achieve.

Counterparty risk: The fund may have contractual agreements with counterparties. If a counterparty is unable to fulfil their obligations, the sum that they owe to the fund may be lost in part or in whole.

Higher volatility risk: The price of this fund may be volatile as it may take higher risks in search of higher rewards.

Market Risk: The value of investments can go up and down and an investor may not get back the amount initially invested.

Past performance is not a reliable indicator of future results, prices of shares and the income from them may fall as well as rise and investors may not get the amount originally invested.

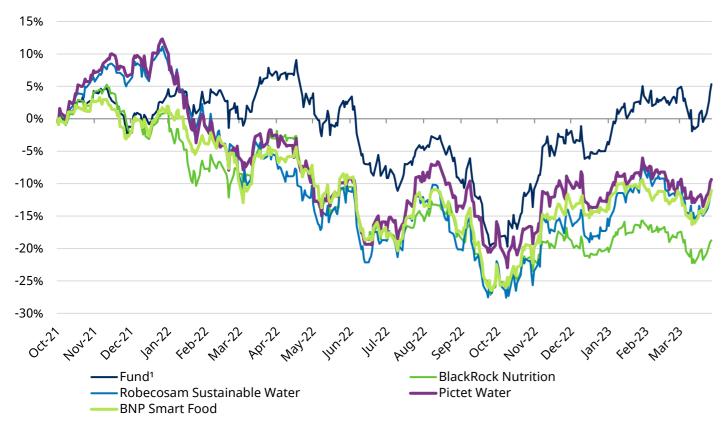
Source: Bloomberg, Schroders – 31st March 2023. 1Schroder ISF Global Sustainable Food and Water USD I Shares Net.



#### Performance vs peers

#### Since inception 05 October 2021 to 31st March 2023

Total shareholder return (%)



#### **Risk Considerations:**

Concentration risk: The fund may be concentrated in a limited number of geographical regions, industry sectors, markets and/or individual positions. This may result in large changes in the value of the fund, both up or down.

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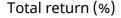
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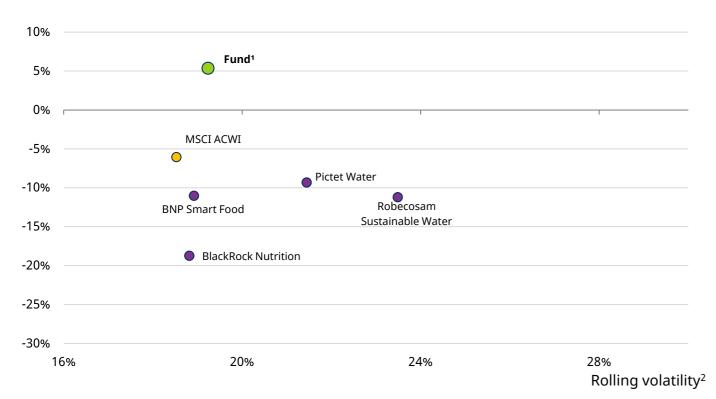
Source: Bloomberg, Schroders – 31st March 2023. 1Schroder ISF Global Sustainable Food and Water USD I Shares Net.



#### Performance vs comparators and peers

#### Since inception 05 October 2021 to 31st March 2023





#### **Risk Considerations:**

Concentration risk: The fund may be concentrated in a limited number of geographical regions, industry sectors, markets and/or individual positions. This may result in large changes in the value of the fund, both up or down.

Currency risk: The fund may lose value as a result of movements in foreign exchange rates.

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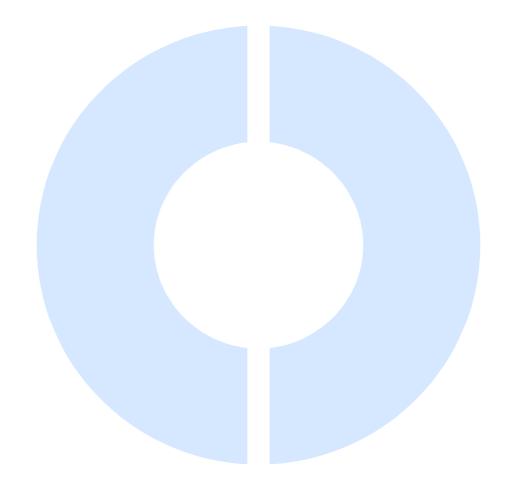
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Source: Bloomberg, Schroders –31st March 2023. 1Schroder ISF Global Sustainable Food and Water USD I Shares Net.. 2Average 90-day trailing volatility since fund inception.



# **Schroders**



# **Appendix**



# **Schroder ISF Sustainable Food & Water**

## Breaking down the sustainable food & water universe

Group	Activity	Sub-activity							
		Mechanical Farming Equipment							
		General Agriculture Equipment							
	Agricultural Equipment	Storage & Infrastructure							
		Agricultural Irrigation Equipment							
Agricultural Yield Enhancement		Other equipment							
_		Fertilizers							
	A suct soults and I To south	Seed Inputs							
od & Beverage Production & Processing  od & Water Distribution & Logistics  od and Beverage Retail  cular Economy  vater Management	Agricultural Inputs	Chemical and Bio-Pesticides							
		Diversified Agricultural Inputs							
		Crop, Fruit & Vegetable Production							
	6 15 .15	Land Based Protein Production							
	Conventional Food Production	Confectionary and Snack Foods							
		Consumer Staple Foods							
		Conventional Salmon Farmers							
		Land Based Salmon Farmers							
Food & Beverage Production & Processing	Aquaculture	Diversified Aquaculture							
3	•	Fish Feed							
		Diversified Aquaculture Supplies							
	For all Tools and any	Health Foods							
	Food Technology	Nutritionals and Flavourings							
		General Food Technology							
	For all Turners and	Agricultural and Food Rail Transport							
	Food Transport	Agricultural and Food Shipping							
Food & Water Distribution & Logistics		Food & Agricultural Trading							
_	Food & Beverage Distribution	Food Storage							
	3	Food & Agricultural Logistics							
		Diversified Retail							
Food and Beverage Retail	Retail	Organic Food Retail							
_		Food Specialist Retail							
	Containable Dades view	Reusable/ Recyclable Pulp Based Packaging							
Civarilar Faarana	Sustainable Packaging	Specialist/ Waste Reduction Packaging							
Circular Economy		Agricultural Waste Management							
	Waste Management								
	Matau Taabu ala mu	Water Testing							
	Food Technology  Food Technology  Food Technology  Food Technology  Food Transport  Food Transport  Food & Agricultural and Food Rail Transport Agricultural and Food Shipping Food & Agricultural Trading Food & Agricultural Trading Food & Agricultural Logistics  Food & Reverage Distribution Food Storage Food & Agricultural Logistics Diversified Retail Organic Food Retail Food Specialist Retail	Water Treatment							
		Water Piping							
Water Management	water Equipment								
	Water Infrastructure	Water EPC							
		vvalci LCC							

Source: Schroders – 30 December 2022

**Schroders** 

## Schroder ISF Global Sustainable Food and Water

### A well-diversified thematic investment universe<sup>1</sup>



<sup>&</sup>lt;sup>1</sup>Represents share of focus list companies, which is reflective of the investment universe. Source: Schroders - 28 February 2023.

## Schroder ISF Global Sustainable Global Food & Water

### Investment proposition

### **Objectives**

- i. Offer all investors actively managed exposure to companies actively engaged and contributing to the transition of the global food and water system to make it more sustainable.
- ii. Outperform its stated comparator<sup>1</sup> over the long run.
- **iii. Outperform** competing funds over the long run.

### **Investment approach**

**Unconstrained approach** that transects traditional sector classifications, style biases, geographies and market capitalisations.

Use of an **investment process established since 2005** and designed specifically for active investment management in resource equities.

Focus on finding long-term, sustainable earnings and cash flow growth at a reasonable value.

**Highly active allocation** that creates opportunities to generate excess returns above passively-managed alternatives.

**Long-only, no leverage,** no complicated derivatives.

Risk controlled through liquidity limits, the 5/10/40 concentration rule and use of cash.

### **Role in portfolios**

As a long-term, sustainable growth play that takes advantage of structural earnings growth over multiple business cycles.

As a source of equity diversification due to the agnostic approach taken to geographies, style biases and traditional sectors.

As a **thematic investment**, able to circumvent issues such as political and monetary policy challenges and tap into the growth sectors of the future.

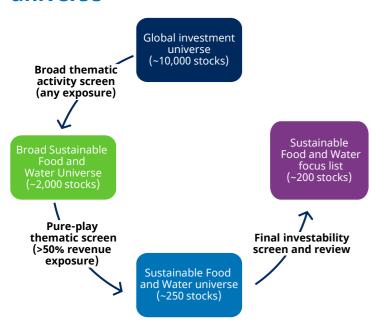


<sup>&</sup>lt;sup>1</sup>The stated comparator of the Schroder ISF Global Sustainable Food and Water is the MSCI All World Country Index (ACWI). Source: Schroders - 28 February 2023.

## Schroder ISF Sustainable Global Food and Water

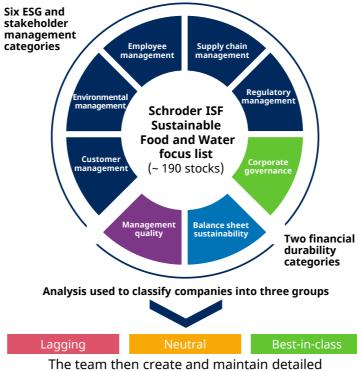
An established and repeatable process with sustainability at its heart

# **Construct proprietary thematic universe**



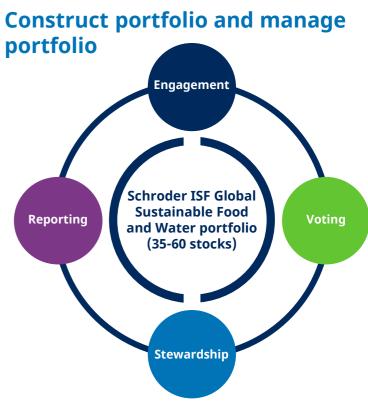
A proprietary screening tool uses financial and descriptive metrics to build a bespoke focus list of companies most exposed and actively contributing to make the food and water system sustainable.

### **Analyse and value companies**



The team then create and maintain detailed financial models for focus list companies and use a combination of DCF valuations and a bespoke GARP score to rank companies.

A proprietary ESG risk management classification directly impacts valuations.



High conviction, unconstrained thematic portfolio with global reach. No shorting or leverage.

Maximum cash 10%.

# The sustainability of business models is important

### The team aims to identify those companies that are best-in-class, neutral or lagging

Sustainability category		Key questions	5		Potential metrics	(	Category weight	
		ESG risk and s	stakeholder management		Amount of subsidies received, exposure to environmental or social regulatory change, resource intensity of business model.  Scope 3 emission targets, biodiversity or deforestation targets for suppliers, supply chain auditing and impact incentives, human rights policies and audits for supply chain.  Positive E&S* characteristics of product, customer satisfaction scores, days receivables, diversity of customers.  Injury rates, employee turnover, employee training, average pay, gender pay gap, employee diversity, independent whistleblowing hotlines.  Carbon footprint, water intensity, deforestation exposure and risk management, waste management, record of environmental damage		6	
Corporate governance	Are the board and sub-committees inde	•		ructure create risks for	% board independence, owners	hip structure	1	
E&S* regulatory risk management	, ,, , , ,		, ,	, ,	environmental or social regulat	tory change,	1	
E&S* supply chain risk management	. ,		117	• • •	deforestation targets for su supply chain auditing and impa- human rights policies and audit	uppliers, ct incentives,	1	
Customer management & product offering	Is the company positively or negatively exposed to potential regulatory change? Does the company's business model have structural headwinds or tailwinds in a world that needs to become more resource efficient?  Does the company have a diverse range of suppliers to manage supply chain risk? What standards are suppliers held to? Does the company engage with their supply chain on environmental and social issues.  Is the company the supplier of choice for customers? Does the company have a diverse range of customers? Does the company get repeat orders and have a long-standing customer base?  Does the company manage its employees well? Is the company able to attract the right talent to continue to innovate and stay ahead of the market? Does the company offer the right incentives to motivate employees?  Does the company actively manage its environmental footprint? Is the company exposed to significant environmental risks? Has the company set stringent environmental targets and are they progressing and the recompanent, record of environmental waste management, record of environmental waste management, record of environmental and suste management, record of environmental waste management, record of environmental and record of environmental waste management, record of environmental waste management, record of environmental and results and results and record of environmental waste management, record of environmental waste management, record of environmental and results and results and results and results and record of environmental and results and re							
Employee management	, , , , , ,	' '	•		training, average pay, gender employee diversity, indep	r pay gap, endent	1	
Environmental management		ompany set stringent envir	ronmental targets and are th		deforestation exposure and risk waste management, record of e	management,	1	
		ESG risk and st	akeholder management sc	ore and category				
0	1	2	3	4	5		6	
	Lagging		Neutral		Besi	t-in-class		

**Categorisation process** 



We first assess each company in our focus list across six ESG categories, giving them a score of 0 or 1 depending on whether they are managing the sustainability of that aspect of their business or not



The weighted sum of these category scores is then used to produce an ESG risk and stakeholder management score and category score out of 6



Using this score as a guide, we then classify each company as 'lagging', 'neutral' or 'best-in-class' in their management of ESG and stakeholder risk. The fund will not invest in 'lagging' companies.

\* E&S stand for environmental and social

Source: Schroders – 28 February 2023.

**Schroders** 

# The sustainability of business models is important

### The team aims to identify those companies that are best-in-class, neutral or lagging

Sustainability category	Key questions	Potential metrics	Category weight
	Financial durability	<u>.</u>	Maximum 4
E&S* risk consideration by management	Is management competent, trustworthy and aligned with shareholders? Does the company show an awareness of sustainability issues and make clear linkages between how these issues impact financial performance? Is management compensation linked to ESG target outcomes?	Historic ROE, ROCE, CROCI, quality of reporting on sustainability issues, percentage of compensation linked to ESG metrics	2
Balance sheet sustainability	Does the company have a robust balance sheet to manage market shocks and business cycles? Can the company strategic use its balance sheet to manage ESG and stakeholder risks and opportunities?	% gearing, absolute cash levels, debt maturity schedule, percentage of debt issued as green bonds, ESG metrics and targets linked to bond coupon.	2



ESG risk and stakeholder management Score

Maximum 6

#### **Categorisation process**



We secondly assess each company in our focus list across two financial durability categories, giving them a score of 0 to 2 depending on whether they are managing the sustainability of that aspect of their business or not

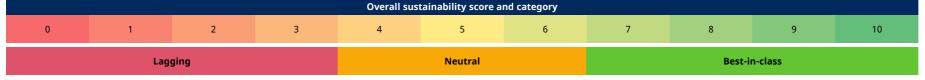


The weighted sum of these category scores is then used to produce an overall company sustainability score out of 4. This is combined with the ESG risk score to give a score out of 10.



Using this score as a guide, we then classify each company as 'lagging', 'neutral' or 'best-in-class'

We do this to simplify the analysis to ensure that we 'see the wood through the trees'



\* E&S stand for environmental and social

Source: Schroders – 28 February 2023.

Schroders

# Focused on identifying companies driving systematic change

And engaging with companies to encourage even stronger efforts around sustainability

### **Sustainability alignment**

#### Glanbia

Global nutrition company providing sports nutrition and speciality ingredients, with legacy diary activity.



**Revenue exposure:** 100% of company revenues are linked to the food and water system, with over 50% focused on sustainable product ranges.

**Operational sustainability:** Strong GHG emissions reductions targets, which have been SBTi-validated. Aiming for a 31% reduction in carbon emissions at all manufacturing sites under operational control\* by 2030.

**Product sustainability:** Providing critical products and ingredients helping to make the food and water system more sustainable with respect to low-carbon products and health.

### **Sustainability overview**

#### Hellofresh

Sustainable meal kit company with services and products provided around the world.



**SustainEx profile:** Overall SustainEx score of 0% (no negative impact), with positive SustainEx People score of 1% due treatment of employees.

**Sustainability score:** We view the company to be 'Best-in-Class' from an operational perspective, with strong corporate governance and a low product carbon footprint. Strong MSCI ESG score too.

**SDG alignment:** Strong exposure to 'Good Health and Wellbeing' and 'Responsible Consumption and Production'.

### **Engagement activities**

#### **Carrefour**

French food retailer with a large chain of convenience stores around the world.



**Engagement topic:** Led by our Core Pan-European Team, we recently engaged with Carrefour to return cash to shareholders given the improvement in business profitability but not shareholder returns.

**Engagement findings:** We felt that Carrefour had made strong operational improvements that had not been recognised by the market. Improving shareholder distributions given the excess cash was a means to crystalise this.

**Ongoing discussions:** We are continuing to engage with the company on all issues related to its sustainability profile.

Source: Schroders – 28 February 2023. For illustrative purposes only and should not be viewed as a recommendation to buy or sell.

## **SDG Alignment**

### **Stock Examples**

SDG alignment - Main impact areas















#### SDG alignment – Secondary impact areas









### Companies in the investment universe contributing to a more sustainable food and water system

#### Fresh Del Monte

Sustainability in agriculture

#### **AppHarvest**

Sustainability in agriculture

#### Suez

Clean Water, Sanitation, Waste & Energy

#### Veolia Environnement

Clean Water, Sanitation, Waste & Energy

#### **Beyond Meat**

Sustainable Consumption

#### Tomra

Pollution prevention

#### Yara

Precision Agriculture, Agricultural inputs

- World's leading vertically-integrated producers, distributors and marketers of fresh and fresh cut fruits and vegetables
  - Combines conventional agricultural techniques with cutting-edge technology to address key issues including improving access for all to nutritious food, farming more sustainably, building a home-grown food supply, and increasing investment in Appalachia
  - A water and waste utility with global presence focusing on water conservation, waste recycling and energy from waste. Committed to saving water through the improved control of leaks and consumption, and to maximizing the available volumes of alternative water (re-use of wastewater, desalination)
  - An optimised resource management company focussed on providing access to safe drinking water and energy services for cities, services to industry to quarantee continuous supplies for production processes, and recovery systems for materials within a circular economy.
  - By shifting from animal to plant-based meat, Beyond Meat positively impacts four growing global issues: human health, climate change, constraints on natural resources, and animal welfare.
  - Norway-based company active within the recycling industry. Designs, manufactures and operates recycling systems for the return and reuse of beverage containers. Sensor-based solutions play a key role in optimizing resource productivity, particularly in the fields of waste management and recycling thereby contributing to the circular economy.
- Crop Nutrition Company providing environmental solutions that include fertilizers that improve the yield from land, develop digital farming tools for precision farming, and work closely with partners throughout the food value chain to improve the efficiency and sustainability of agriculture and food production.

### **SDG Alignment**















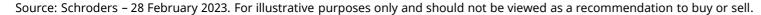








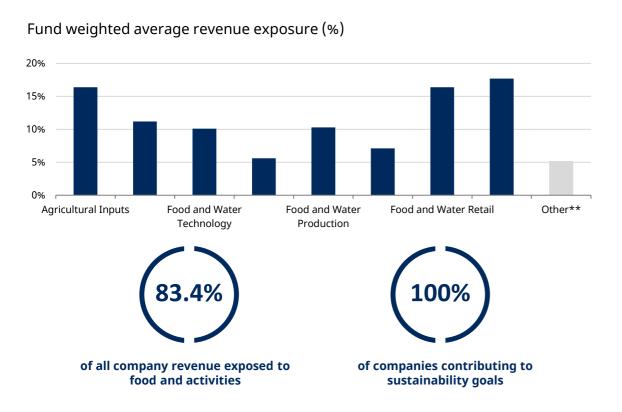




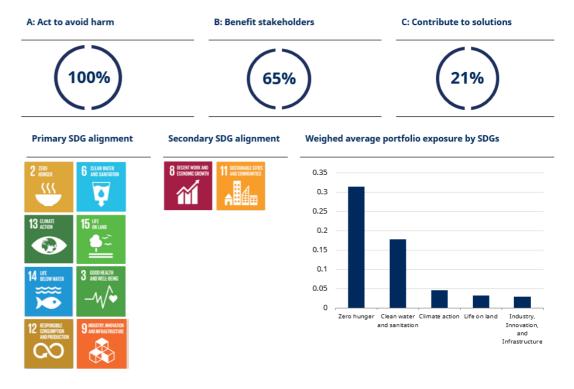
# Measuring and reporting on sustainability and impact

Sustainability measures used across our sustainable resource equities funds

### Portfolio exposure to food and water activities\*



### Sustainability outcomes - ABC framework and UN SDGs \*\*

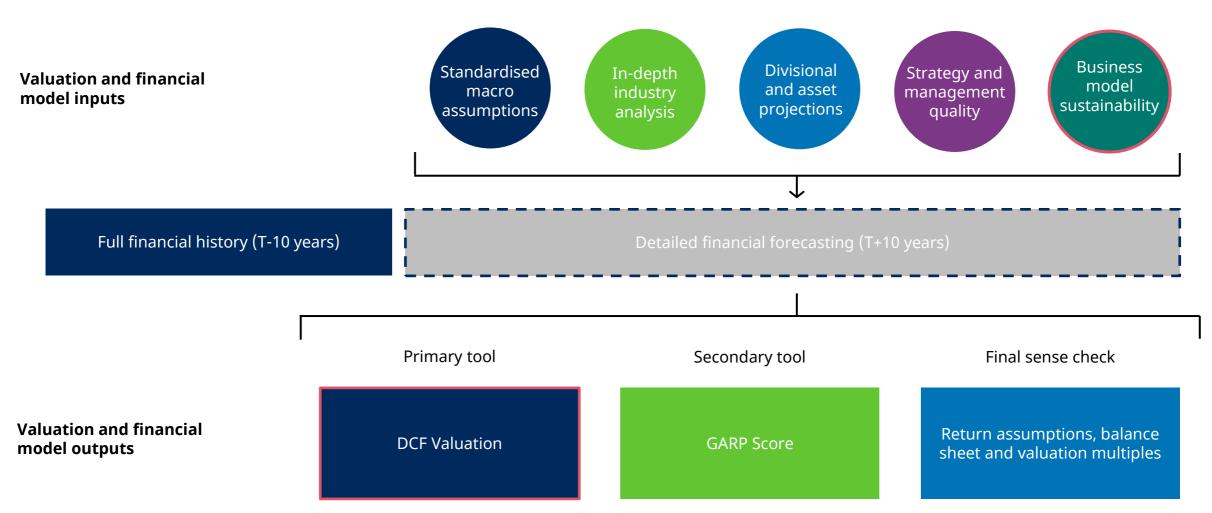


Source: Bloomberg, Schroders, Thomson Reuters ASSET 4. \*Portfolio exposure to food and water activities – 30 September 2022. <sup>2</sup>Sustainability performance measures data represents the latest available data – 30 September 2022. \*\*Portfolio exposure represents position weighted average exposure by category. This weighted average excludes the cash position of the fund.

All exclusions are based on data from MSCI. For more information on our exclusion policies, visit our Sustainability page.

## Schroder ISF Global Sustainable Food & Water

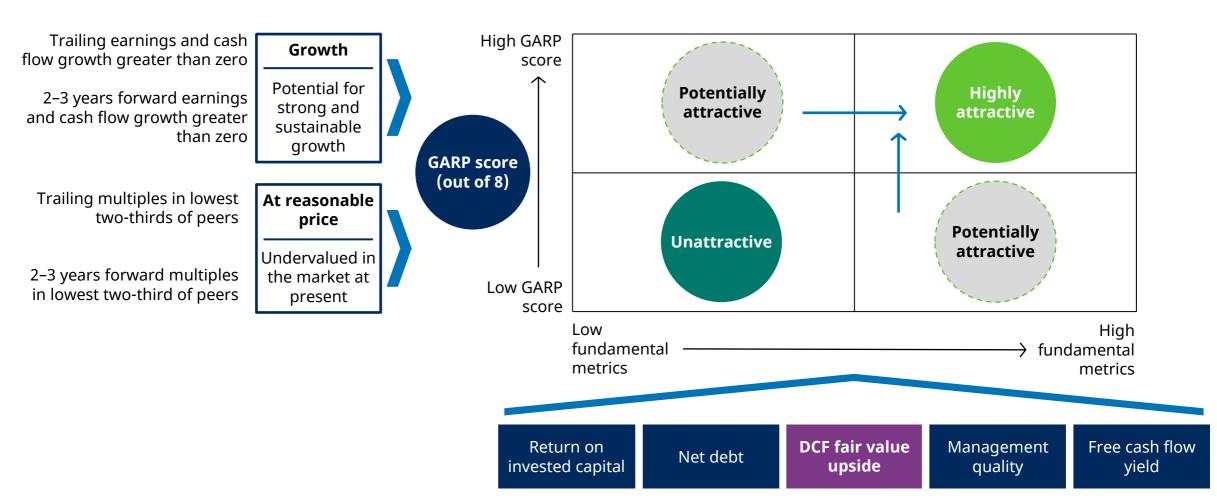
Building and maintaining detailed individual company models



Source: Schroders – 30 December 2022

## Schroder ISF Global Sustainable Food & Water

### Finding strong and sustainable growth at attractive entry points



Source: Schroders - 30 November 2022.

## Schroder ISF Global Sustainable Global Food & Water

### Clear valuation screens using consistent investment tool<sup>1</sup>

Water Management																																		
ompany					Valuatio	on		Multiples								Return											Gearing					Yield		
me	Last Price	DCF Targe	t Upside	GARI Score	P WACC	Fair Multiple	Sustainability Classification	Market Cap (USDm)	Price /	Earnings 2025	2024	<b>V / EBITD</b> 2025	A 2028	Price /	Book 2025	<b>Return</b> 5YA	on Equity	(ROE) 2025	Return 5YA	on Invester (ROIC) 2024	d Capital		eturn on Ir ipital (CRO		EB1	ITDA Ma 2024	<b>rgin</b> 2025	Current Cost of Debt	Net-Deb	/ Equity	Net-Debi	t / EBITDA	Free Cas Yie 2024	h Flow Divid
ilent Technologies	154.05	90.81	(41%)	4	8.5%	14.0	Best-in-class	45,577	38.00	35.45	23.06	21.31	16.62	5.79	5.12	17.2%	15.2%	14.4%	12.0%	16.3%	17.7%	13.2%	15.0%	15.5%	23.8%	25.3%	25.2%	2.0%	(18.7%)	(29.0%)	(76.8%)	(127.5%)	2.9%	3.1% 0.6%
naher Corp	267	226	(15%)	7	8.5%	16.0	Best-in-class	194,289	22.51	22.94	14.45	13.01	9.30	3.10	2.76	11.9%	13.8%	12.1%	7.4%	13.2%	13.2%	9.2%	14.3%	14.1%	29.5%	36.4%	36.0%	2.0%	(4.3%)	(16.8%)	(20.1%)	(84.4%)	5.2%	5.2% 0.4%
lma PLC	2,297	1,562	(32%)	4	8.5%	12.0	Best-in-class	10,483	32.24	29.27	18.40	16.50	12.84	4.55	4.08	16.5%	14.1%	14.0%	12.7%	16.0%	18.0%	13.7%	14.7%	15.5%	24.1%	24.8%	25.0%	2.6%	(18.9%)	(28.9%)	(79.8%)	(125.8%)	3.6%	3.9% 0.9%
5	2273.00	2313.2	7 <b>2</b> %	7	8.5%	14.0	Best-in-class	18,370	19.50	17.39	10.72	9.91	7.94	10.73	9.00	50.4%	55.0%	51.8%	13.7%	18.0%	19.6%	10.7%	11.4%	11.7%	21.6%	22.9%	23.1%	0.8%	127.9%	95.9%	113.2%	94.5%	5.1%	5.6% 3.8%
iters Corp	340.13	269.40	(21%)	5	8.0%	15.0	Best-in-class	20,206	25.77	24.71	17.66	15.96	11.46	10.53	7.38	70.8%	40.8%	29.9%	33.1%	34.7%	35.7%	22.9%	26.0%	25.8%	33.7%	34.0%	34.1%	3.4%	(3.0%)	(30.9%)	(5.0%)	(69.7%)	3.8%	4.0% 0.0%
ter Testing			(21%)	5	8.4%	14.2		57,785	27.6	26.0	16.9	15.3	11.6	6.9	5.7	33.3%	27.8%	24.4%	15.8%	19.7%	20.8%	13.9%	16.3%	16.5%	26.6%	28.7%	28.7%	2.2%	16.6%	(2.0%)	(13.7%)	(62.6%)	4.1%	4.3% 1.1%
iad Water Systems Ltd Ordinary Shares	1450.00	1959.8	8 35%	6	10.5%	7.0	Neutral	12,712	23.79	22.01	6.96	6.05	2.59	1.35	1.28	4.8%	5.7%	5.8%	0.4%	5.5%	6.1%	6.3%	7.4%	7.6%	10.1%	11.0%	11.0%	7.6%	(30.7%)	(37.2%)	(196.5%)	(240.1%)	6.9%	7.3% 0.0%
Smith Corp Common Stock	67.62	76.03	12%	8	8.0%	13.0	Neutral	8,579	19.13	17.96	12.13	10.87	7.20	4.26	3.67	24.5%	22.3%	20.4%	21.8%	26.1%	27.8%	18.2%	19.9%	20.6%	19.5%	19.5%	19.6%	3.3%	(35.0%)	(44.0%)	(108.2%)	(148.0%)	5.3%	5.6% 1.7%
MBI ASA	6.50	12.33	90%	6	11.0%	14.0	Lagging	101	24.03	21.14	12.73	10.45	2.63	1.90	1.74	1.7%	7.9%	8.2%	3.4%	9.0%	10.4%	16.3%	10.5%	11.8%	5.3%	8.6%	8.6%	11.0%	(25.3%)	(32.9%)	(195.4%)	(243.6%)	4.9%	5.6% 0.0%
lab Inc	152.64	155.56	2%	4	8.0%	12.0	Best-in-class	43,476	23.93	20.19	14.68	12.72	8.90	4.75	4.08	21.9%	19.9%	20.2%	11.9%	12.3%	14.2%	9.3%	9.8%	10.7%	21.3%	21.1%	21.9%	2.8%	72.7%	48.0%	194.6%	133.9%	4.7%	5.3% 1.4%
qua Water Technologies Corp	48.97	33.26	(32%)	4	8.0%	12.0	Neutral	5,983	50.23	38.94	20.48	17.53	11.70	6.33	5.44	7.9%	12.6%	14.0%	(1.5%)	8.7%	10.9%	7.5%	10.9%	12.1%	12.9%	16.9%	17.6%	5.9%	54.1%	28.7%	161.4%	87.8%	3.0%	3.5% 0.0%
mira Oyj	15.53	22.45	45%	8	8.0%	7.0	Best-in-class	2,601	10.17	9.23	5.77	5.35	4.39	1.38	1.34	10.1%	13.6%	14.6%	6.9%	9.5%	10.3%	8.6%	9.2%	9.3%	14.5%	15.7%	15.9%	1.5%	46.5%	42.2%	144.4%	127.5%	10.9%	11.7% 7.9%
rita Water Industries	6010.00	3688.5	3 (39%)	4	8.0%	11.0	Best-in-class	5,287	29.06	26.35	12.05	10.70	8.36	2.15	2.05	6.9%	7.4%	7.8%	5.8%	5.4%	6.0%	7.8%	7.4%	7.8%	17.2%	20.6%	21.5%	0.2%	23.0%	16.0%	115.9%	77.1%	1.9%	4.4% 1.4%
Filtration	10.78	22.28	107%	4	8.5%	10.0	Neutral	581	(170.55)	335.14	465.92	41.56	6.58	4.21	4.15	#N/A	(2.5%)	1.2%	#N/A	(1.6%)	0.7%	#N/A	1.1%	5.3%	#N/A	1.0%	7.0%	2.5%	(38.5%)	(19.6%)	(4697.3%)	(205.5%)	(2.7%)	(4.4%) 0.0%
ntair PLC	58.33	57.10	(2%)	8	8.5%	14.0	Best-in-class	9,595	17.51	15.30	12.78	10.96	7.43	2.76	2.43	18.9%	15.8%	15.9%	13.4%	12.6%	13.8%	10.0%	9.7%	10.7%	17.7%	21.1%	23.5%	2.5%	40.6%	23.1%	162.9%	94.8%	6.7%	7.4% 1.5%
er Treatment			24.2%		8.7%			9,879	3.0	56.3	62.6	14.0	6.6	3.2	2.9		11.4%	12.0%		9.7%	11.1%		9.6%	10.7%		15.0%	16.3%	4.1%	11.9%	2.7%	(490.9%)	(35.1%)	4.6%	5.1% 1.5%
anced Drainage Systems Inc	92.50	101.38	10%	8	8.5%	12.0	Neutral	7,514	14.31	12.86	9.01	7.81	5.46	4.01	3.12	28.4%	28.0%	24.3%	13.3%	22.2%	23.8%	13.0%	16.8%	17.5%	19.7%	24.5%	24.5%	5.8%	10.0%	(11.5%)	21.9%	(29.7%)	6.6%	7.2% 0.6%
erit	526.40	378.49	(28%)	6	8.0%	15.0	Neutral	20,363	27.41	25.33	18.74	16.77	12.84	9.63	8.41	37.5%	35.1%	33.2%	25.7%	26.9%	28.7%	16.3%	15.1%	15.7%	29.5%	27.5%	28.8%	0.9%	23.5%	7.7%	44.5%	15.2%	3.7%	4.0% 2.4%
X Corp	227.89	177.21	(22%)	5	7.0%	14.0	Best-in-class	17,188	27.71	26.35	18.68	17.21	13.25	4.41	3.93	17.7%	15.9%	14.9%	12.9%	13.8%	14.6%	12.5%	13.1%	13.6%	26.4%	27.5%	27.8%	2.9%	4.3%	(7.5%)	18.0%	(33.4%)	3.7%	3.9% 1.0%
reller Water Products Inc	13.82	12.08	(13%)	7	8.5%	12.0	Best-in-class	2,160	22.42	20.94	11.81	11.01	7.76	2.90	2.67	12.5%	12.9%	12.7%	9.1%	9.4%	9.8%	8.4%	8.3%	8.5%	16.9%	15.0%	15.4%	2.5%	39.0%	28.7%	140.0%	106.9%	4.8%	5.1% 1.8%
bia Advance Corp SAB de CV	38	44	14%	8	10.0%	6.0	Best-in-class	4,027	0.33	0.30	2.45	2.14	1.31	0.06	0.05	19.7%	17.9%	17.7%	9.4%	8.7%	9.1%	8.5%	7.2%	7.3%	20.5%	18.4%	18.8%	2.0%	110.6%	89.4%	215.4%	186.3%	16.2%	16.5% 6.1%
rn Water Solutions	22.12	19.16	(13%)	4	8.0%	11.0	Neutral	3,933	24.78	22.18	15.27	13.29	9.70	2.19	2.05	1.9%	8.8%	9.3%	10.4%	7.9%	8.9%	6.3%	6.1%	6.5%	20.2%	18.9%	18.7%	5.6%	14.6%	5.8%	95.7%	36.4%	5.3%	5.6% 1.5%
zer AG	78.70	90.12	15%	5	9.0%	10.0	Best-in-class	2,908	16.77	15.86	7.26	6.74	5.29	2.43	2.30	7.1%	14.5%	14.5%	4.6%	7.2%	7.8%	1.9%	6.0%	6.0%	10.8%	11.4%	11.2%	2.5%	2.9%	(9.0%)	7.9%	(25.7%)	9.1%	9.5% 3.8%
em Inc	104.63	106.76	2%	7	7.5%	16.0	Best-in-class	18,860	25.97	22.57	15.13	12.96	9.41	4.76	4.13	14.9%	18.3%	18.3%	10.5%	13.8%	15.9%	9.4%	12.2%	13.2%	16.2%	20.1%	21.4%	2.5%	13.3%	(3.0%)	41.2%	(9.4%)	4.3%	4.9% 1.2%
ter Equipment & Capture			(5%)	6	8.3%	12.0		9,619	20.0	18.3	12.3	11.0	8.1	3.8	3.3	17.5%	18.9%	18.1%	12.0%	13.7%	14.8%	9.5%	10.6%	11.0%	20.0%	20.4%	20.8%	3.1%	27.3%	12.6%	73.1%	30.8%	6.7%	7.1% 2.3%
uas Andinas SA SERIES A	193.50	109.58	(43%)	6	12.0%	11.0	Lagging	1,395	6.90	6.56	6.60	6.34	5.73	1.16	1.11	16.8%	16.8%	16.9%	8.2%	8.6%	8.8%	6.5%	6.5%	6.6%	55.2%	59.7%	59.5%	2.5%	101.4%	98.5%	305.0%	295.6%	11.3%	11.8% 10.9%
nerican States Water Co	97.14	22.20	(77%)	4	7.0%	11.0	Lagging	3,590	33.24	32.27	22.62	21.87	19.86	4.48	4.19	13.8%	13.5%	13.0%	8.2%	7.2%	7.2%	5.8%	6.1%	6.0%	33.8%	34.4%	34.6%	6.5%	86.1%	80.7%	364.7%	353.5%	0.3%	1.5% 1.5%
erican Water Works Co Inc	155.45	69.80	(55%)	3	7.0%	14.0	Neutral	28,266	29.04	24.95	16.45	15.01	13.61	3.57	3.29	10.2%	12.3%	13.2%	5.7%	6.5%	7.0%	5.6%	5.6%	5.9%	48.9%	51.3%	54.5%	7.0%	164.9%	156.0%	515.1%	478.8%	1.9%	2.6% 1.6%
mpanhia De Saneamento Basico Do Estado De Sao ulo	53.19	48.32	(9%)	8	11.5%	11.0	Lagging	7,002	7.51	7.15	4.98	4.49	3.13	1.06	0.95	13.6%	14.2%	13.3%	10.7%	10.8%	11.0%	13.0%	13.3%	13.0%	40.6%	39.3%	39.1%	9.0%	20.5%	11.5%	79.9%	48.2%	9.6%	9.9% 2.8%
ential Utilities Inc	46.97	29.17	(38%)	7	6.5%	13.0	Best-in-class	12,318	20.29	19.76	15.04	14.16	11.87	2.18	2.05	7.7%	10.7%	10.4%	5.9%	7.1%	7.0%	3.7%	5.9%	6.1%	54.3%	56.3%	56.3%	9.0%	106.3%	98.8%	477.1%	444.6%	4.3%	4.7% 2.2%
nila Water Co Inc	20.00	12.16	(39%)	7	13.5%	6.0	Neutral	1,060	5.79	5.47	6.75	6.15	4.36	0.72	0.66	11.7%	12.5%	12.1%	5.4%	7.1%	7.4%	36.6%	25.6%	25.7%	53.0%	54.5%	54.5%	10.0%	63.6%	50.5%	309.8%	259.9%	18.9%	19.3% 6.0%
nnon Group	934.00	1060.1		8	8.5%	12.0	Neutral	2,934	11.01	10.49	6.73	6.34	5.19	0.75	0.73	9.5%	6.8%	6.9%	3.2%	3.7%	3.9%	3.4%	3.6%	3.7%	57.6%	60.6%		3.7%	15.6%	13.5%	113.8%	97.3%	7.3%	7.6% 4.8%
ern Trent PLC	2844.00	1435.1	6 (50%)	5	6.0%	12.0	Neutral	8,600	23.05	21.99	13.63	13.19	12.15	5.24	5.07	21.1%	22.7%	23.1%	5.3%	5.7%	5.8%	4.2%	4.1%	4.2%	50.2%	52.2%	52.9%	3.5%	493.6%	483.9%	649.6%	632.8%	4.6%	4.8% 3.8%
ter Infrastructure		_	(37%)	6	9%	11.3		8,146	17.1	16.1	11.6	10.9	9.5	2.4	2.3	13%	14%	14%	7%	7%	7%	10%	9%	9%	49%	51%	52%	6%	131%	124%	352%	326%	7%	8% 4%
TAWATER Co Ltd	1660.00	2596.5	5 <b>56%</b>	8	9.5%	7.0	Neutral	600	10.67	9.52	4.44	3.52	1.72	1.27	1.15	9.1%	11.9%	12.1%	8.7%	13.8%	15.5%	6.1%	9.6%	10.5%	7.6%	8.2%	8.7%	1.6%	(48.9%)	(53.8%)	(254.9%)	(278.0%)	9.8%	10.8% 2.6%
lia Environment SA	27.77	39.46	42%	4	7.5%	8.0	Best-in-class	21,394	11.63	9.70	6.93	6.41	4.79	1.43	1.31	6.7%	12.3%	13.5%	3.5%	4.5%	5.2%	5.4%	6.0%	6.0%	12.5%	14.2%	14.3%	2.0%	137.8%	118.2%	315.6%	282.3%	10.4%	11.3% 3.5%
ter Diversified			82%	7	10%	10		4,691	6	5	6	5	3	1	0.6		12%	12%		8%	8%		17%	18%		27%	27%	3%	59%	45%	216%	168%	30%	32% 6%
	•		$\downarrow$	$\downarrow$	•		<b>—</b>					$\downarrow$			$\downarrow$								$\downarrow$				•			/				
(	DCF v GARP so val	ore a		imar	у		ıstainabili ectly impac portfolio	cts val	uatio	n and			Val							s and iven b														and

<sup>&</sup>lt;sup>1</sup>Example from the Global Sustainable Food & Water valuation sheet. For illustrative purposes only and should not be viewed as a recommendation to buy or sell. Source: Schroders – January 31<sup>st</sup> 2023.





## **Schroder ISF Global Sustainable Food & Water**

Key messages



### Our food and water system is going to change dramatically

The food and water system is currently unsustainable and needs to change, increasing output by 70% whilst decreasing emissions by two thirds. Managing biodiversity risks will be critically too.



# The portfolio offers defensive characteristics combined with attractive underlying structural growth

Valuations across the food and water space remain depressed compared to the wider market and the opportunity for more defensive positioning means the space is well suited to current macroeconomic challenges. At the same time, the growth opportunity remains underappreciated, as cyclical and structural drivers build.



# A focused thematic approach and disciplined investment process is key

Focused on positioning client capital for long-term sustainable growth in a disciplined manner, focusing on 'best-in-class' businesses that offer attractive and balanced risk-reward

Source: Schroders – 28 February 2023. For illustrative purposes only and should not be viewed as a recommendation to buy or sell.

## **Global Sustainable Food and Water**



Alex Tedder
Head of Global and
Thematic Equities
33 years experience

Food and Water



Mark Lacey
Head of Global Resource Equities
Portfolio Manager
27 years experience

**Energy and** 



**Alex Monk**Portfolio Manager *7 years experience* 



Felix Odey
Portfolio Manager
7 years experience



Mannat Chopra
Analyst
3 years experience



**Yashica Reddy**Product Director
12 years experience

Local Research
Team of over 100 analysts
across 11 countries

Sector Analysts
Team of over 15 European,
Global and Small-cap analysts

Sustainable Investment
Team of over 50 dedicated
Sustainable Investment analysts
and professionals

Source: Schroders - 31 March 2023

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The fund uses derivatives for leverage, which makes it more sensitive to certain market or interest rate movements and may cause above-average volatility and risk of loss.

In difficult market conditions, the fund may not be able to sell a security for full value or at all. This could affect performance and could cause the fund to defer or suspend redemptions of its shares.

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