Schroders



Nordics Sustainability Webinar: Preparing for 'net zero emissions' by 2050, are we on the right path?

16 June 2020

Speakers



Andy Howard

Head of Sustainable Research, Schroders

Aline Reichenberg Gustafsson

Managing Director, NordSIP

Peter Sandahl

Head of Sustainability, Nordea Life and Pensions











M2020 WWF

UN-CONVENED NET-ZERO ASSET OWNER ALLIANCE



OUR AGENDA IS CLIMATE CHANGE AND A GLOBAL ALLIANCE TO BE PART OF THE SOLUTION



2010

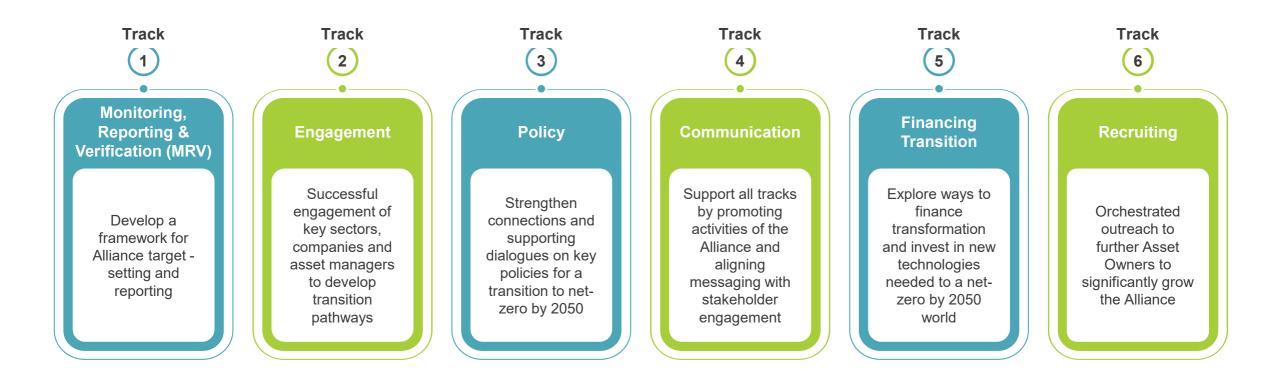
2020

2030 2040

2050 2060 2070 2080

2090

DIFFERENT TRACKS REFLECT THE AMBITION AND OBJECTIVES OF THE COMMITMENT



THANK YOU

Schroders





Sustainability at Schroders

Andrew Howard, Head of Sustainable Research

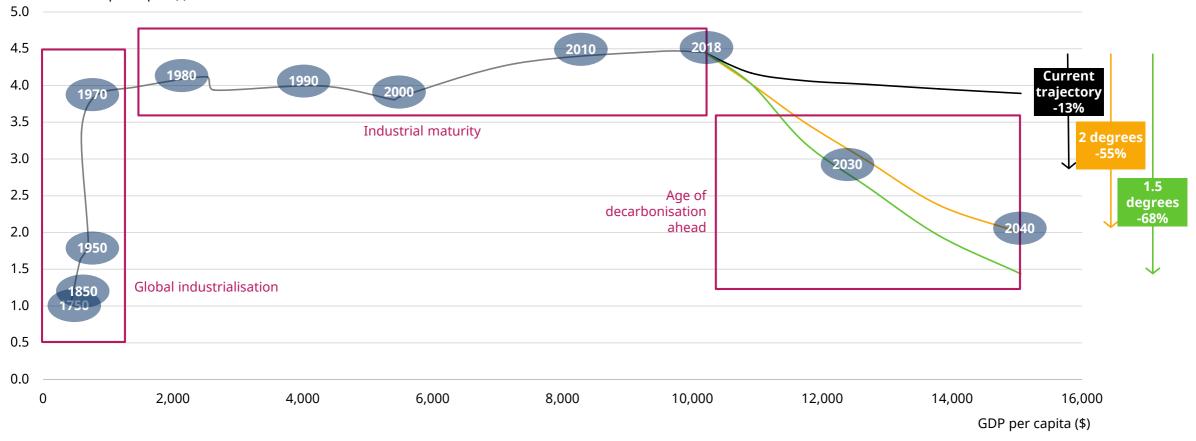
16 June 2020

A new era for carbon intensity

Return to pre-industrial emissions with continued economic expansion

Carbon emissions per capita vs. GDP per capita since 1750

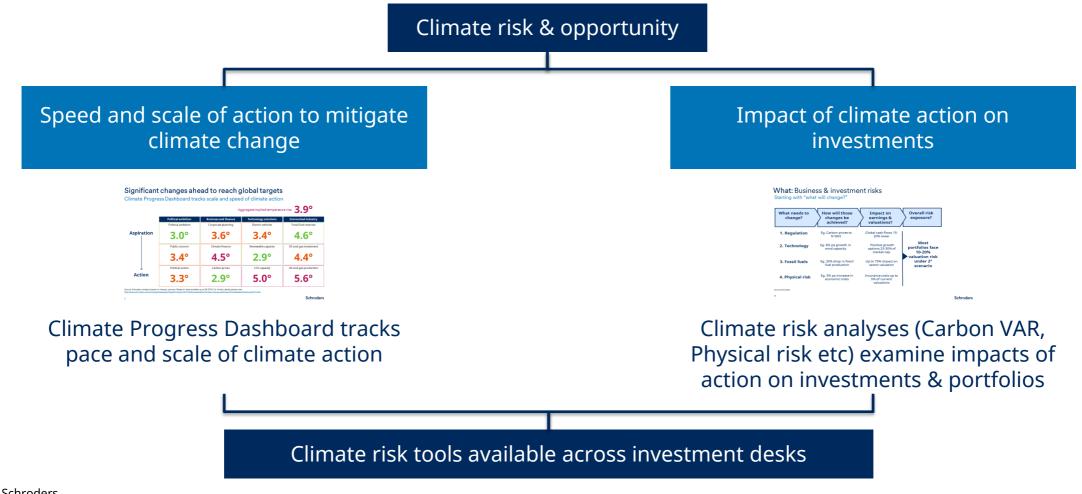
CO2e emissions per capita (t)



Source: BP Statistical Review, Maddison (OECD), UNFCC, IEA, IIPCC, UN Population Division, Schroders.

Separating the climate question into when and what

Building a climate risk measurement & management toolkit



Tracking the pace and scale of climate action

Significant changes ahead to reach global targets

Aggregate implied temperature rise **3**.99

Political ambition	Business and finance	Technology solutions	Entrenched industry
Political ambition	Corporate planning	Electric vehicles	Oil & gas investment
2.8°	3.4°	3.1°	3.6°
Public concern	Climate finance	Renewable capacity	Fossil fuel reserves
3.3°	5.5°	2.5°	4.9°
Political action	Carbon prices	CCS ¹ capacity	Fossil fuel production
3.0°	4.3°	4.9°	5.9°

Source: Schroders analysis based on industry sources. Based on data available as at Q1 2020. For further details please visit: http://www.schroders.com/en/sysglobalassets/digital/insights/2017/pdf/sustainable/climate-change-dashboard/climatedashboard-july2017.pdf_1Carbon capture & storage.

Quantifying climate investment risks

Starting with 'what will change'

What needs to change?



E.g. Carbon prices to \$100/t

Impact on earnings and valuations?



Regulation

2 Technology

3 Fossil fuels

E.g. 35% drop in fossil fuel production

4 Physical risk

E.g. 3% p.a. increase in economic costs

E.g. 6% p.a. growth in

wind capacity

Global cash flows 15–20% lower

Positive growth options 25–30% of market cap

Up to 70% impact on sector valuation

Insurance costs up to 5% of current valuations

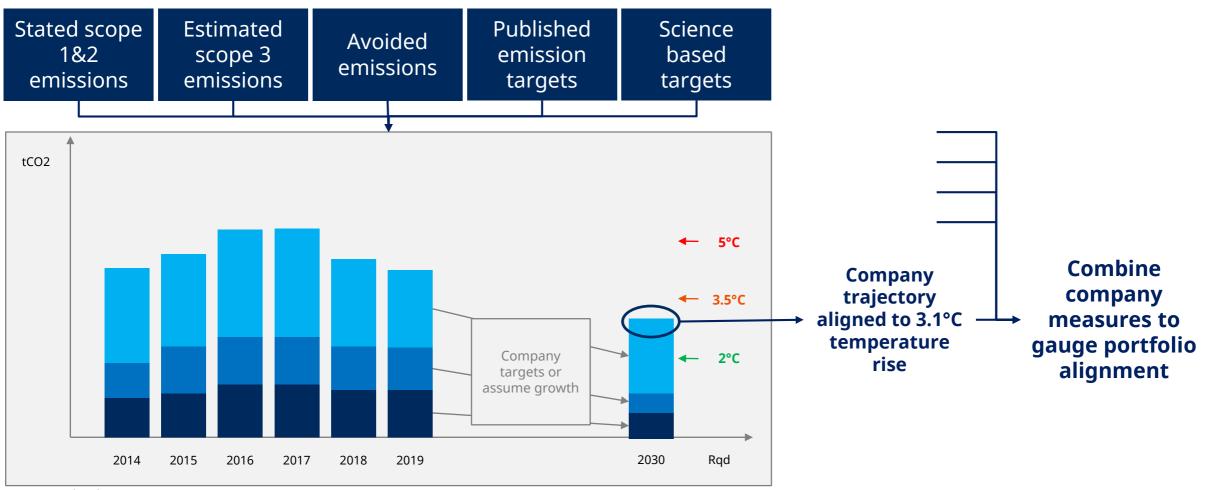
Most portfolios face 10–20% valuation risk under 2° scenario

Schroders

Source: Schroders.

Measuring portfolio outcomes

Climate change implied by portfolio emissions trajectories



Source: Schroders

Important information

This presentation is intended to be for information purposes only. The material is not intended as an offer or solicitation for the purchase or sale of any financial instrument. The material is not intended to provide, and should not be relied on for, accounting, legal or tax advice, or investment recommendations. Information herein is believed to be reliable but Schroders does not warrant its completeness or accuracy. No responsibility can be accepted for errors of fact or opinion. Reliance should not be placed on the views and information in the presentation when taking individual investment and/or strategic decisions.

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 back the amount originally invested.

Schroders has expressed its own views in this presentation and these may change.

Schroders will be a data controller in respect of your personal data. For information on how Schroders might process your personal data, please view our Privacy Policy available at <u>www.schroders.com/en/privacy-policy</u> or on request should you not have access to this webpage.

Issued by Schroder Investment Management (Europe) S.A., 5, rue Höhenhof, L-1736 Senningerberg, Luxembourg. Registered No. B 37.799. For your security, communications may be taped or monitored.