# Climate Change and Responsible Capitalism

Marco Becht
Goldschmidt Chair Professor, Solvay Brussels School
Executive Director and Fellow, ECGI



## Irresponsible Capitalism

What is irresponsible capitalist behaviour?

Opportunism - "Pursuit of self-interest with guile" (Oliver Williamson 1975)

Irresponsible capitalism means economic actors selling goods and services that cause harm for people or the planet, in the pursuit of profit or power.



# 2022 Proxy Statement Notice of Annual Meeting of Shareowners

Tuesday, April 26, 2022 8:30 a.m. Eastern Time

# Refresh the World.

Make a Difference.





#### **Nutrition Facts** 1 serving per container Serving size 1 Bottle Amount per serving 240 **Calories** % Daily Value\* Total Fat Og 0% Sodium 75mg 3% Total Carbohydrate 65g 24% Total Sugars 65g Includes 65g Added Sugars 130% Protein Og \* Not a significant source of saturated fat, trans fat,

Caffeine Content: 57 mg/20 fl oz

potassium.

cholesterol, dietary fiber, vitamin D, calcium, iron and

"In addition to water, the principal raw materials used in our business are nutritive and non-nutritive sweeteners. In the United States, the principal nutritive sweetener is high fructose corn syrup ("HFCS"), which is nutritionally equivalent to sugar. HFCS is available from numerous domestic sources and has historically been subject to fluctuations in its market price. The principal nutritive sweetener used by our business outside the United States is sucrose, i.e., table sugar, which is also available from numerous sources and has historically been subject to fluctuations in its market price."

Source: The Coca-Cola Company, Form 10K, For the fiscal year ended December 31, 2021, Page

#### TOP CORPORATE **PLASTIC POLLUTERS** OF 2021

#### CORPORATE PLASTIC POLLUTERS ARE FUELING THE CLIMATE CRISIS.

O1 COCA-COLA

19,826 PLASTICS

35 COUNTRIES **PEPSICO** 8,231 PLASTICS

UNILEVER 6,079 PLASTICS

30 COUNTRIES 04 NESTLÉ 4,149 PLASTICS

PROCTER & | 30 COUNTRIES GAMBLE 1,939 PLASTICS COUNTRIES 28 MONDELEZ PLASTICS 2,065 INTERNATIONAL

COUNTRIES 26 | PHILIP PLASTICS 1,505 MORRIS INTL.

PLASTICS 3,223

DANONE

08

COUNTRIES 24 PLASTICS 961 MARS, INC. 09

PLASTICS 941

COUNTRIES 22 | COLGATE -PALMOLIVE

#### SOURCE

Strategies to reduce the global carbon footprint of plastics, Nature Climate Change (2019)
The 5 Countries That Produce the Most Carbon Dioxide (CO2), Investopedia (2021)

#BrandAudit2021

#break free from plastic



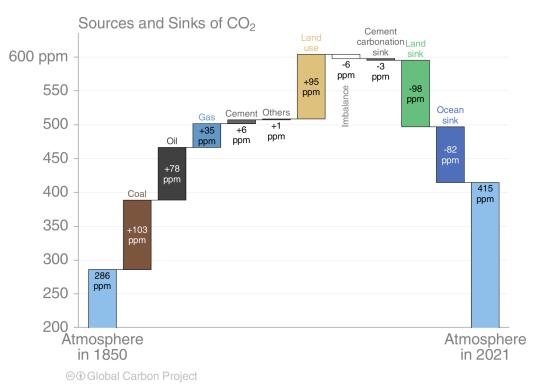
## 2. Which E+S Issues Does MSCI Select?

Example: Soft Drinks Sub-Industry

MSCI ESG Score									
ENVIRONMENT PILLAR				SOCIAL PILLAR				GOVERNANCE PILLAR	
Climate Change	Natural Capital	Pollution & Waste	Env. Opportunities	Human Capital	Product Liability	Stakeholder Opposition	Social Opportunities	Corporate Governance	Corporate Behavior
Carbon Emissions	Water Stress	Toxic Emissions & Waste	Clean Tech	Labor Management	Product Safety & Quality	Controversial Sourcing	Access to Communication	Board	Business Ethics
Product Carbon Footprint	Biodiversity & Land Use	Packaging Material & Waste	Green Building	Health & Safety	Consumer Financial Protection	Community Relations	Access to Finance	Pay	Tax Transparency
Financing Environmental Impact	Raw Material Sourcing	Electronic Waste	Renewable Energy	Human Capital Development	Privacy & Data Security		Access to Health Care	Ownership	
Climate Change Vulnerability Supply Chair Labor Standa					Responsible Investment		Opportunities in Nutrition & Health	Accounting	
					Insuring Health & Demographic Risk				
Source: MSCI ESG Research. February 2021.					Chemical Safety	Soft Drink Sub-Industry: e.g. Coca-Cola Universal key issues applicable to all industries			

### Global carbon budget

The cumulative contributions to the global carbon budget from 1850 The carbon imbalance represents the gap in our current understanding of sources & sinks



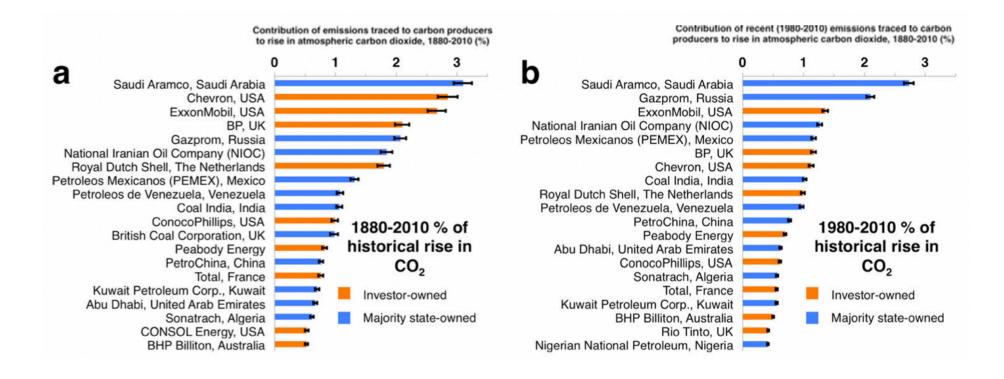
Source: Friedlingstein et al 2022; Global Carbon Project 2022

Q



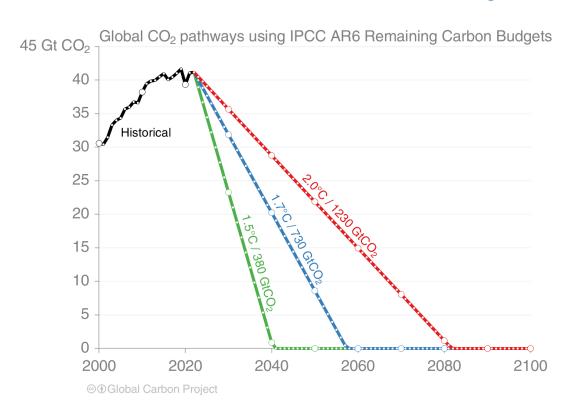
Lifestyle Travel About Us Money Sports Entertainment Science The 90 companies responsible for two-thirds of historical greenhouse gas emissions Atula Gupta

Ekwurzel, B., Boneham, J., Dalton, M.W. et al. The rise in global atmospheric CO2, surface temperature, and sea level from emissions traced to major carbon producers. Climatic Change **144**, 579–590 (2017).https://doi.org/10.1007/s105 84-017-1978-0



## Remaining carbon budget

#### Global CO2 emissions must reach zero to limit global warming



Source: Friedlingstein et al 2022; Global Carbon Project 2022