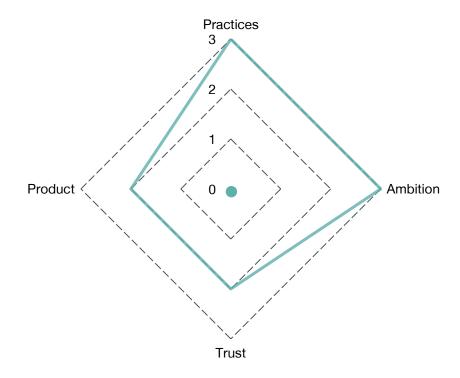
Mastercard

Sustainable Growth Hypothesis:

Global payment technology company Mastercard specialises in processing payment transactions between banks. It boasts high and consistent revenue and profit growth over several decades and has ambitious goals for financial inclusion. It is partnering with the World Bank and other NGOs to bring one billion individuals into the financial system by 2025, with a focus on unbanked communities and women. Mastercard supports our **prosperity** theme through business **practises** which are deepening financial inclusion.

- 1. Growth: How likely is the company to deliver 10% p.a. profit growth over the next decade?
- Mastercard has consistently achieved high revenue and profit growth driven by consumer spending and card penetration, with expectations for continued growth in low-mid teens. New growth avenues include B2B transactions and services like analytics and security.
- 2. Resilience: How much control does the company have over its own success?
- Remarkably resilient. In established markets, they have a huge installed base of customers, financial institutions, and near-ubiquitous acceptance among merchants, all of which is very challenging to replicate.
- 3. Valuation: What is our insight?
- Shares are more volatile than the fundamentals. Mastercard has a strong moat and track record for innovating its way through successive waves of disruption.
- 4. Products: To what extent will the core products & services create value for society over the next decade?
- Payment infrastructure has huge fundamental value for the economy and wider society.
 Mastercard's network connects merchants with customers in more than 200 countries, enabling frictionless transactions with protection against counterparty risk and fraud.
- 5. Practices: Does the company show leadership in its business practices?
- Ambitious goals for financial inclusion and has been working with NGOs including the World Bank to reach un/underbanked communities. Special focus on female workers and women-owned businesses because this has been shown to have the largest impact on child health.
- 6. Ambition: What is the company's purpose, and how ambitious are they?
- Breadth and depth of sustainability commitments illustrate high level of ambition. Key ESG metrics
 are included in the annual incentive structure for all staff: emissions, financial inclusion and gender
 pay gap.
- 7. Trust: Should we trust the company with our clients' capital?
- Governance is exemplary. Executive and senior team fairly new to their roles but most have worked their way up through the company, and there's a deep bench of experienced departmental/regional heads.
- 8. Engagement: No company is perfect, what should be our engagement priority?
- No material concerns that would warrant engagement from sustainability point of view. Interested
 to dig into the cross-border business and understand why supernormal profits are economically
 defensible and ethical.
- 9. Milestones: What developments should we pay most attention to? Where could we be wrong?
- What are the main challenges in attached to the B2B opportunity? How can we track its progress?

Compass Scores



Important information and risk factors

All investment strategies have the potential for profit and loss.

Stock Examples

Any stock examples, or images, used in this presentation are not intended to represent recommendations to buy or sell, neither is it implied that they will prove profitable in the future. It is not known whether they will feature in any future portfolio produced by us.

Any individual examples will represent only a small part of the overall portfolio and are inserted purely to help illustrate our investment style.

Important Information

Baillie Gifford & Co (BG & Co), Baillie Gifford & Co Limited (BG & Co Ltd), Baillie Gifford Overseas Limited (BGO) and Mitsubishi UFJ Baillie Gifford Asset Management Limited (MUBGAM) are authorised and regulated by the FCA in the UK. BG & Co Ltd is an Authorised Corporate Director of OEICs.

Baillie Gifford Investment Management (Europe) Limited (BGE), Baillie Gifford Asia (Hong Kong) Limited 柏基亞洲(香港)有限公司 (BGA) and Baillie Gifford International LLC (BGI) are wholly owned by BGO. BGO and BG & Co Ltd are wholly owned by BG & Co.

BGI and BGO are registered with the SEC in the United States of America.

BG & Co claims compliance with the Global Investment Performance Standards (GIPS®). An example of a compliant composite presentation, a complete list of the Firm's composites and performance results is available on request.

BGO provides investment management and advisory services to non-UK Professional/Institutional clients only.

Persons resident or domiciled outside the UK should consult with their professional advisers as to whether they require any governmental or other consents in order to enable them to invest, and with their tax advisers for advice relevant to their own particular circumstances.

This presentation contains information on investments which does not constitute independent research. Accordingly, it is not subject to the protections afforded to independent research and Baillie Gifford and its staff may have dealt in the investments concerned.

BGE provides investment management and advisory services to European (excluding UK) clients. It was incorporated in Ireland in May 2018. Baillie Gifford Investment Management (Europe) Limited is authorised by the Central Bank of Ireland as an AIFM under the AIFM Regulations and as a UCITS management company under the UCITS Regulation. Baillie Gifford Investment Management (Europe) Limited is also authorised in accordance with Regulation 7 of the AIFM Regulations, to provide management of portfolios of investments, including Individual Portfolio Management ('IPM') and Non-Core Services. Baillie Gifford Investment Management (Europe) Limited has been appointed as UCITS management company to the following UCITS umbrella company; Baillie Gifford Worldwide Funds plc. Through passporting it has established Baillie Gifford Investment

Management (Europe) Limited (Frankfurt Branch) to market its investment management and advisory services and distribute Baillie Gifford Worldwide Funds plc in Germany. Similarly, it has established Baillie Gifford Investment Management (Europe) Limited (Amsterdam Branch) to market its investment management and advisory services and distribute Baillie Gifford Worldwide Funds plc in The Netherlands.BGE also has a representative office in Zurich, Switzerland pursuant to Art. 58 of the Federal Act on Financial Institutions ("FinIA"). The representative office is authorised by the Swiss Financial Market Supervisory Authority (FINMA). The representative office does not constitute a branch and therefore does not have authority to commit Baillie Gifford Investment Management (Europe) Limited.

BGA holds a Type 1 and a Type 2 licence from the Securities and Futures Commission of Hong Kong to market and distribute Baillie Gifford's range of collective investment schemes to professional investors in Hong Kong. BGA can be contacted at Suites 2713-2715, Two International Finance Centre, 8 Finance Street, Central, Hong Kong, Telephone +852 3756 5700.

Important Information Australia

Baillie Gifford Overseas Limited (ARBN 118 567 178) is registered as a foreign company under the Corporations Act 2001 (Cth) and holds Foreign Australian Financial Services Licence No 528911. This material is provided to you on the basis that you are a "wholesale client" within the meaning of section 761G of the Corporations Act 2001 (Cth) ("Corporations Act"). Please advise Baillie Gifford Overseas Limited immediately if you are not a wholesale client. In no circumstances may this document be made available to a "retail client" within the meaning of section 761G of the Corporations Act. This material contains general information only. It does not take into account any person's objectives, financial situation or needs.

Important Information South Korea

BGO is licensed with the Financial Services Commission in South Korea as a cross border Discretionary Investment Manager and Non-discretionary Investment Adviser.

Important Information North America

BGI was formed in Delaware in 2005. It is the legal entity through which BGO provides client service and marketing functions in North America.

The Manager is not resident in Canada, its head office and principal place of business is in Edinburgh, Scotland. BGO is regulated in Canada as a portfolio manager and exempt market dealer with the Ontario Securities Commission ('OSC'). Its portfolio manager licence is currently passported into Alberta, Quebec, Saskatchewan, Manitoba and Newfoundland & Labrador whereas the exempt market dealer licence is passported across all Canadian provinces and territories. BGI is regulated by the OSC as an exempt market and its licence is passported across all Canadian provinces and territories. BGE relies on the International Investment Fund Manager Exemption in the provinces of Ontario and Quebec.

Important information and risk factors

Important Information South Africa

BGO is licensed with the Financial Sector Conduct Authority in South Africa as a Financial Services Provider (FSP No 44870) in terms of section 8 of the Financial Advisory and Intermediary Services Act, 2002. This licence authorises BGO to carry on financial intermediary services business on behalf of South African clients.

Important Information Israel

BGO is not licensed under Israel's Regulation of Investment Advising, Investment Marketing and Portfolio Management Law, 5755-1995 (the "Advice Law") and does not carry insurance pursuant to the Advice Law. This presentation is only intended for those categories of Israeli residents who are qualified clients listed on the First Addendum to the Advice Law.

BGI Principal Office: Calton Square, 1 Greenside Row, Edinburgh EH1 3AN, Scotland Telephone: +44 (0)131 275 2000

780 Third Avenue, 43rd Floor, New York, NY 10017

Telephone: (212) 319 4633

BGE Head Office: 4/5 School House Lane East, Dublin 2

D02 N279, Ireland

Telephone: +35 315 294 150

BGE Frankfurt Branch: WINX Tower, Neue Mainzer Str. 6-10, 60311 Frankfurt,

Germany

BGE Amsterdam Branch: Atrium Building, Strawinskylaan 3051, 4th Floor, 1077

ZX Amsterdam, The Netherlands

BGE Representative Office: Bahnhofstr. 10 / Börsenstr. 18

CH - 8001 Zürich, Switzerland

Important Information Japan

MUBGAM is a joint venture company between Mitsubishi UFJ Trust & Banking Corporation and BGO.

Financial Intermediaries

This document is suitable for use of financial intermediaries. Financial intermediaries are solely responsible for any further distribution and Baillie Gifford takes no responsibility for the reliance on this document by any other person who did not receive this document directly from Baillie Gifford.

bailliegifford.com