

CONTENTS

Chapter 1 Introduction to ESG	2
What is ESG investing?	4
Types of responsible investment	6
Why integrate ESG?	12
Putting ESG into practice	31
Key initiatives	33
Key facts	40
Self-assessment	42
Further reading	48
 Chapter 2 The ESG market	 54
History	56
ESG investing in numbers	58
Market drivers of ESG and challenges in ESG integration	61
Key facts	80
Self-assessment	84
Further reading	90
 Chapter 3 Environmental factors	 94
Key environmental issues	96
Systemic relationships between business activities and environmental issues	114
Key “megatrends” and drivers influencing environmental change in terms of potential impact on companies and their environmental practices	123
Assessment of materiality of environmental issues	133
Approaches to account for material environmental analysis and risk management strategies	139
Apply material environmental factors to financial modelling, ratio analysis and risk assessment	148
Opportunities relating to climate change and environmental issues	153
Key facts	166
Self-assessment	168
Further reading	174

Chapter 4 Social factors	190
Social megatrends and their effects	192
Key social issues and business activities	198
Identifying material social factors for investors	206
Application of social factors in investments	209
Key facts	214
Self-assessment	216
Further reading	222
 Chapter 5 Governance factors	 226
What is governance? What does it matter?	228
The development of a formalised governance approach	231
Shareholder engagement and minority shareholder alignment	235
Key characteristics	236
Structural differences	246
Why audit matters and what matters in the audit	252
Impact of governance on investment opportunities	256
Incorporating governance into investment and stewardship processes	259
Key facts	260
Self-assessment	262
Further reading	268
 Chapter 6 Engagement and stewardship	 272
What is stewardship? What is engagement?	274
Why engagement?	276
Codes and standards	280
Engagement styles	283
Practicalities of effective engagement	285
Asset classes	297
Key facts	302
Self-assessment	304
Further reading	310

Chapter 7 ESG analysis, valuation and integration **374**

Why investors integrate ESG	316
The different approaches to integrating ESG	319
Typical stages of integrated ESG assessment	325
Mutual fund and fund manager ESG assessment	361
Company ESG assessment and rating	362
Primary and secondary ESG data sources	364
Other uses of ESG and sustainability systems data	365
Fixed income, credit rating agencies and ESG credit scoring	368
Conclusion	373
Appendix 7.1	374
Key facts	380
Self-assessment	382
Further reading	388

Chapter 8 ESG integrated portfolio construction and management **394**

Integrating ESG into strategic asset allocation models	396
Introducing ESG integration within portfolio construction and management	406
The evolution of ESG integration and its application to indices and benchmarking	416
Applying ESG screening investment strategies within portfolios and across asset classes	422
Managing the risk and return dynamics of an ESG-integrated portfolio	451
Integrating ESG in passive portfolios	463
Key facts	470
Self-assessment	472
Further reading	478

Chapter 9 : Investment mandates, portfolio analytics and client reporting	490
Accountability to clients and alignment with them	492
Clarifying client needs: defining the ESG investment strategy	494
Fully aligning investment with client ESG beliefs	496
Developing client-relevant ESG-aware investment mandates	499
Tailoring ESG investment approach to client expectations	509
Holding managers to account: monitoring delivery	511
Holding managers to account: measurement and reporting	518
Key facts	522
Self-assessment	524
Further reading	530
Glossary	534