MATERIALITY IN FINANCIAL REPORTING

An Integrative Perspective

MATERIALITY IN FINANCIAL REPORTING

An Integrative Perspective

BY FRANCESCO BELLANDI



United Kingdom – North America – Japan India – Malaysia – China Emerald Publishing Limited Howard House, Wagon Lane, Bingley BD16 1WA, UK

First edition 2018

Copyright © 2018 Emerald Publishing Limited

Reprints and permissions service

Contact: permissions@emeraldinsight.com

No part of this book may be reproduced, stored in a retrieval system, transmitted in any form or by any means electronic, mechanical, photocopying, recording or otherwise without either the prior written permission of the publisher or a licence permitting restricted copying issued in the UK by The Copyright Licensing Agency and in the USA by The Copyright Clearance Center. Any opinions expressed in the chapters are those of the authors. Whilst Emerald makes every effort to ensure the quality and accuracy of its content, Emerald makes no representation implied or otherwise, as to the chapters' suitability and application and disclaims any warranties, express or implied, to their use.

British Library Cataloguing in Publication Data

A catalogue record for this book is available from the British Library

ISBN: 978-1-78743-737-1 (Print) ISBN: 978-1-78743-736-4 (Online) ISBN: 978-1-78743-843-9 (Epub)



ISOQAR certified Management System, awarded to Emerald for adherence to Environmental standard ISO 14001:2004.

Certificate Number 1985 ISO 14001





Contents

List of	Figures	xix
About	the Author	xxv
Preface		xxvii
Part I.	Introduction and Background	1
Main F	ocus of Part I	2
1.	Why Does Materiality Matter in Financial Statements?	2 2 3 4 5 6
2.	Powerful and Dangerous	3
3.	The Disclosure Framework	4
4.	The Disclosure Initiative	5
5.	The Disclosure Effectiveness Initiative	6
6.	Objectives of the Book	7
Part II.	Conceptual Bases of Materiality	9
Main F	ocus of Part II	10
1.	Materiality in the Conceptual Frameworks	10
	1.a. The Objective of Materiality	10
	1.b. Level of Interaction in the Conceptual Frameworks	10
	1.c. A Pervasive Concept or a Qualitative Characteristic?	11
	1.d. Is Materiality a Constraint?	15
	1.e. Interaction with Qualitative Characteristics of	
	Accounting Information	16
	1.f. Materiality versus Relevance	16
	1.g. Entity Specificity	20
	1.h. Materiality versus Reliability and Faithful	
	Representation	22
	1.i. Completing the Picture: Materiality versus	
	Completeness	24
	1.j. Materiality versus Understandability	25

	1.k.	Does Prudence or Neutrality Affect Materiality?	27
	1.l.	The Link to Recognition in the Conceptual	
		Frameworks	28
	1.m.	Cost/Benefit Constraint versus Materiality	30
	1.n.		30
	1.o.	Significance	31
2.	Defi	nitions of Materiality	33
	2.a.	Can a Definition of Materiality Be Given?	33
	2.b.		39
	2.c.		39
	2.d.		40
	2.e.	SEC Rules and Regulations	41
	2.f.	Common Law	43
	2.g.	IASB Framework	43
	2.h.		43
	2.i.	The International Financial Reporting Standards	44
	2.j.	Auditing Standards	45
		COSO Framework	45
	2.1.	AccountAbility	46
	2.m.	Integrated Reporting	46
	2.n.	WRI and WBCSD	46
3.	Attri	ibutes of Materiality	47
	3.a.	Subject Matter	47
	3.b.	What Is an Item?	47
	3.c.	An Item versus Its Content	48
	3.d.	Omissions or Misstatements	49
	3.e.	Material Disclosures of An Item versus Its Required	
		Disclosures	50
	3.f.	Materiality Test from Users' Perspective	50
	3.g.	Materiality Test Contrasted with the Objective of	
		General-Purpose Financial Statements	51
	3.h.	Materiality Test from the Standpoint of Objective	
		Metrics	52
	3.i.	Addressees of Test	52
	3.j.	Reasonable Investor and Reasonable Person	52
	3.k.	Clusters versus Individuals	53
	3.1.	Primary versus Intended versus Other Users	53
	3.m.	Stakeholders versus Users	54
	3.n.	Assessor	55
	3.o.	Degree of Likelihood	55
	3.p.	Understanding Influence versus Influencing	57
	3.q.	Degree of Magnitude	59
	3.r.	Context	59

	3.s. 3.t.	Degree of Specificity Time Horizon	60 60
Solutio	ns an	d Recommendations	61
Conclu	sion		67
Part III	. Ac	etors and Models of Materiality	69
Main F	ocus	of Part III	70
1.	Uses	s and Effects of Materiality	70
	1.a.		70
	1.b.	Are Legal and Accounting Definitions of Materiality	
		Incompatible?	71
	1.c.	Practical Interactions of Legal and Accounting	
		Concepts of Materiality	73
	1.d.	The Different Nature of an Accounting Concept of	
		Materiality	74
	1.e.	The Quest for an Accounting Definition of Materiality	75
	1.f.	Materiality in Audit versus in Financial Statements	76
	1.g.	Other Uses of Materiality by Auditors	77
	1.h.	Materiality as a Managerial Concept	79
2.	Who	Decides about Materiality?	79
		Who Allows Materiality?	79
	2.b.	Who Uses Materiality?	80
		Who Decides Materiality?	80
		Who Assesses Materiality?	81
3.		lels of Materiality	82
		Do We Need a Framework of Materiality?	82
	3.b.	A Positive versus a Negative Concept	82
	3.c.		83
	3.d.	Different Disclosure Regimes	85
	3.e.	0	86
	3.f.	Probability/Magnitude Mapping	86
	3.g.		90
	3.h.	Range of Fluctuation	91
	3.i.	Opportunity Loss	91
	3.j.	Statistical Use of Information	91
		Doctrine of Differential Disclosure	92
	3.l.	Expanded Dimensions of Materiality	95
		The Flexibility Zone	97
	3.n.	Eyes of Management versus Eyes of Investors	98
	3.o.	1 0	100
	3.p.	Active versus Passive Role	101
	3 a	The Sender-Receiver Distortion	102

	3.r.	U-Materiality	103
	3.s.	Objective versus Subjective Determination	103
	3.t.	Materiality as a Planning Tool	104
	3.u.	Consensus Materiality	104
	3.v.	Adjustment Method	105
	3.w.	From Materiality to Materiality Determination Process	106
	3.x.	Qualitative Factors	106
	3.y.	Zero Materiality	107
Solutio	ns an	d Recommendations	107
Conclu	ısion		112
Part IV	. Ap	oplication of Materiality	113
Main F	ocus	of Part IV	114
1.	Mate	eriality Applied to Recognition and Measurement	114
	1.a.	Does Materiality Apply to Recognition and	
		Measurement?	114
	1.b.	Inapplicability by Analogy	115
	1.c.	De Minimis	115
	1.d.	Significant Accounting Policies	115
	1.e.	0	117
	1.f.	1 0	117
	1.g.	Materiality in Disclosing Voluntary Changes in	
		Accounting Policies	117
	1.h.	Materiality in Disclosing Involuntary Changes in	
		Accounting Policies	118
	1.i.	The Case of Accounting Errors	119
2.	Mate	eriality Applied to Presentation and Disclosure	120
	2.a.	Does Materiality Apply to Presentation and	
		Disclosure?	120
	2.b.	An Item versus Information of An Item	122
	2.c.	Required Disclosure of Immaterial Information	122
	2.d.		123
	2.e.	The Disclosure Overload Debate	124
	2.f.	Obscuring Material Information	125
	2.g.	Minimum Set of Required Disclosures	126
	2.h.		127
	2.i.	Interaction of Aggregation and Disaggregation of	
		Information	128
	2.j.	Top-down Model of Disaggregation in the Financial	
		Statements	129
	2.k.	Bottom-up Model of Aggregation in the Financial	
		Statements	130

	2.1.	Classes of Aggregation	132
	2.m.	Alternative Model of Aggregation in the Financial	
		Statements	133
	2.n.	General Models of Disaggregation for Disclosure	
		Purpose	134
	2.o.	Review Assessment	137
	2.p.	Quality of Disclosure	138
	2.q.	Material Items	138
	2.r.	Disclosure Objectives	139
	2.s.	Gains and Losses	140
	2.t.	Effect of Measurement Bases	140
	2.u.	Third Statement of Financial Position	141
	2.v.		141
		When Required Disclosure Is Not Enough	142
3.		eriality Applied to Management Commentary	143
	3.a.	Management Commentary versus the Notes	143
	3.b.	Views of Materiality in Management Commentary	144
	3.c.		
		MD&A	145
	3.d.	Material Changes	149
	3.e.		149
	3.f.	Immaterial Information in MD&A	150
	3.g.	Segment Analysis	150
		Layered Disclosure	151
4.		s Materiality Apply to Bookkeeping?	151
	4.a.	Bookkeeping versus Financial Statements:	
		A Separate Perspective	151
	4.b.	Bookkeeping versus Financial Statements:	
		An Integrated Perspective	152
	4.c.	The Direct Impact on Financial Statements of	
		Bookkeeping Errors	153
	4.d.	The Indirect Impact on Financial Statements of	
		Bookkeeping Errors	153
	4.e.	The Delicate Link to Intentional Immaterial Errors	154
	4.f.	Immaterial Misstatements versus Bookkeeping Errors	155
	4.g.	Can Immaterial Bookkeeping Errors Be Left	
	O	Uncorrected?	155
	4.h.	Does Materiality Apply to Bookkeeping?	156
	4.i.	Reasonableness versus Materiality	156
	4.j.	Legal Implications	157
	4.k.	Should Accountants Care of Materiality at All?	158
5.		eriality in Auditing	159
		Audit Definition of Materiality	159

	5.b.	Definition of Material Misstatement	160
	5.c.	The Risk of Material Misstatements and Assertions	161
	5.d.	Relationship between Audit Risk and Materiality	162
	5.e.	Iteration of Materiality and Inherent Risk	165
	5.f.	Second-Guessing Management's Determination of	
		Users' Needs	166
	5.g.	Timing of Auditor's Consideration of Materiality	166
	5.h.	Undetected, Identified, Uncorrected, and Corrected	
		Misstatements	168
	5.i.	How Materiality Affects Auditors' Responses to	
		Misstatements	168
	5.j.	How Materiality Affects Auditors' Responses to Fraud	169
	5.k.	How Materiality Affects Auditors' Responses to Illegal	
		Acts	170
	5.l.	Communications with the Management, Internal	
		Auditors, and Audit Committee	171
6.	Mate	eriality Applied to Internal Control Over Financial	
		orting	172
	6.a.	Internal Control over Financial Reporting versus Audit	172
	6.b.	Materiality and Technical Classifications of Internal	
		Control Deficiencies in SOX	173
	6.c.	Materiality and Internal Control Deficiencies in	
		COSO Framework	174
	6.d.	Materiality in PCAOB Audit Standard for ICOFR	175
	6.e.	Definition of Risk	175
	6.f.	Risk Tolerance	176
	6.g.	Risk Appetite	177
	6.ĥ.	Risk Appetite and Risk Tolerance in the Context of	
		Corporate Guidance Systems	177
	6.i.	Interlock of Risk, Risk Appetite, Risk Tolerance, and	
		Precision of Internal Controls	178
	6.j.	Relationship between Risk Tolerance and Materiality	180
	6.k.	Planned Materiality versus Risk Tolerance and	
		Performance Materiality	181
	6.l.	Relationship between Risk Tolerance and Precision	
		of Controls	181
	6.m.	Inherently Imprecise Controls	183
	6.n.	Other Drivers of the Precision of Controls	183
	6.0.	The Importance of Immaterial Misstatements	
		in ICOFR	184
	6.p.	Documentation of Determination of Immateriality	185
	6.q.	Role of Materiality in Testing ICOFR	185
	6.r.	Management Review Controls	186

Solutio	ns an	d Recommendations	187
Conclu	sion		197
Part V.	Ass	sessing Materiality	199
Main F	ocus	of Part V	200
1.		es of Assessment and Professional Judgment	200
	1.a.	Quantitative versus Qualitative Criteria	200
	1.b.	Is Quantitative an Assurance?	202
	1.c.	Is Magnitude Exclusively a Quantitative Concept?	202
	1.d.	What Is the Meaning of Qualitative?	203
	1.e.	When a Qualitative Assessment Is Always Required	204
	1.f.	When a Fact Is Always Material	204
	1.g.	Management Discretion	208
	1.ĥ.	Auditor and Other External Professional Judgment	210
	1.i.	How Can the Management Judgment Be Professional?	211
	1.j.	What Is the Scope of Professional Judgment?	212
	1.k.	Who Is a Professional Judge?	213
	1.l.	When Is the Judgment Process Professional?	213
	1.m.	Documentation of Judgment	214
	1.n.	How to Evaluate Judgment Reasonableness?	214
	1.o.	Changes in Judgment and Reassessment	216
2.	-	ntitative Thresholds of Materiality	217
	2.a.	Thresholds for Whom?	217
	2.b.	~	217
	2.c.	The Case of an Absolute Dollar Amount	218
	2.d.	When a Relatively Small Misstatement May Be	
		Material	219
	2.e.	When a Large Misstatement Can Be Immaterial	219
	2.f.	Performance Materiality	221
	2.g.		223
		Process Analysis of Materiality	223
	2.i.	Should the Management Use Materiality	
_		Set by Auditors?	223
3.		els of Application of Materiality	224
	3.a.	The Concept of Whole Financial Statements	224
	3.b.		225
	3.c.	Materiality at Lower Levels	225
	3.d.	Consolidated versus Entity or Separate Financial	227
	2	Statements	227
4	3.e.	J	227
4.	_	chmarks	231
	4.a.	Common Benchmarks	231

	4.b.	Relative versus Absolute Measures	232
	4.c.	Rules of Thumbs Used in Practice	232
		Choosing Benchmarks	234
	4.e.		235
	4.f.	Deciding Percentages	236
	4.g.	Volatility	236
	4.h.	Industry Type	237
	4.i.	Capital Structure	237
	4.j.	Company Life Cycle	238
	4.k.		238
	4.l.	Degree of Aggregation	239
5.	Con	nparative Information	239
	5.a.	Basic Period in Focus	239
	5.b.	Materiality in Prior Period	240
	5.c.	Corresponding Figures versus Comparative Financial	
		Statements Approach	240
	5.d.		243
	5.e.	Materiality in Future Periods	243
	5.f.	Uncorrected Immaterial Misstatements Adding	
		Up to Materiality in the Current Period	244
	5.g.	Effect of Changes of Materiality Benchmarks	250
	5.h.	Effect of Misstatement of Comparative Information	250
	5.i.	Counterbalancing and Noncounterbalancing	
		Misstatements	251
	5.j.	Structure of the Notes	252
		Effect on Financial and Forensic Analysis	252
6.	Estir	nates	253
	6.a.	Risk of Material Misstatement of an Accounting	
		Estimate	253
	6.b.	Inherent Level of Imprecision of an Accounting	
		Estimate	254
	6.c.	The Linkage between Estimation Uncertainty and	
		Materiality	254
	6.d.	, 0	256
	6.e.	The Linkage between Inherent Imprecision and	
		Misstatements	257
	6.f.	Management Bias	258
	6.g.	Effect of Materiality on Changes in Estimates	259
	6.h.	Linkage between Materiality and Sources of	
		Estimation Uncertainty	259
	6.i.	Critical Accounting Estimates	260
	6.j.	Effect on Reliability of Materiality of a	
		Misstatement of Estimate	261

7.	Indiv	vidual versus Cumulative Misstatements	261
	7.a.	Analysis at Individual Item Level	261
	7.b.	Analysis at a Cumulative Level	262
	7.c.	Offsetting Misstatements	262
	7.d.	Aggregation Technique and Absolute Value	263
	7.e.	Trends and Ratios	263
8.	Verif	fication	264
	8.a.	Assessing Decisions	264
	8.b.	Documentation	265
	8.c.	Approaches to Verify Materiality Ex Post	265
	8.d.	The Implication in Terms of Accounting Changes	266
	8.e.	Methods to Assess Estimates	267
9.	Imm	aterial Misstatements	267
	9.a.	Does GAAP Really Not Apply to Immaterial Items?	267
	9.b.	Are Misstatements of Immaterial Items Errors?	269
	9.c.	Intentional Immaterial Misstatements	269
	9.d.	Does Intention Make a Misstatement Always Material?	270
	9.e.	How to Judge Intentions?	271
	9.f.	The Difference between Achieving a Particular	
		Presentation and Influencing Users	271
	9.g.	Investigating the Objective Element	272
	9.h.	A Policy to Ignore Immaterial Misstatements	272
	9.i.	Are Immaterial Misstatements Relevant to an Audit?	273
	9.j.	Material Effect of Accumulation of Immaterial Errors	273
	9.k.	Correction of Immaterial Errors	274
	9.l.	Tone from the Top	275
	9.m.	Legal Consequences	275
	9.n.	Summary of Treatment of Errors	275
10.		ssing Materiality in Interim Reporting	277
	10.a.	Reference Period of Materiality under IFRS	277
	10.b.	Reference Period of Materiality under US GAAP	278
	10.c.	Materiality in Interim Reporting for	
		Correction of Errors	278
	10.d.	Materiality in Interim Reporting for Changes in	
		Estimates and Changes in Accounting Policies	279
	10.e.	Relationship between Materiality to Interim and	
		to Annual Financial Statements	280
	10.f.	Relationship between Estimation Uncertainty and	
		Materiality in Interim Periods	281
	10.g.	Materiality for the Condensed Format of Interim	
	_	Financial Statements	283
	10.h.	Audit Considerations	283
	10 i	Interim Periods in MD&A	284

11.	Ass	sessing Materiality in Segment Reporting	285	
Solution	ns an	d Recommendations	287	
Conclu	sion		300	
Part VI	. Th	e Materiality Determination Process	301	
Main Focus of Part VI 302				
1.	Proc	esses and Methods	302	
	1.a.	Linkage to the Judgment Process	302	
	1.b.	Frameworks to Determine Materiality	302	
2.	Acco	ounting-derived Approaches	303	
	2.a.	The Qualitative Factors	303	
	2.b.	The IASB's Four-Step Approach	303	
3.	Aud	it-derived Approaches	304	
	3.a.	Audit Procedures	304	
	3.b.	Audit Red Alerts	304	
	3.c.	Materiality Benchmark Selection	310	
	3.d.	Analytical Procedures	311	
4.	Risk	-derived Approaches	311	
	4.a.	Risk-Level Graphs	311	
	4.b.	Heat Maps	311	
5.	App	roaches Derived from Larger Frameworks	312	
	5.a.	Materiality Determination in Integrated Reporting	312	
	5.b.	Materiality Determination in AA1000	313	
	5.c.		314	
	5.d.	Five-Part Materiality Test	315	
	5.e.	Significance/Influence Matrix	315	
	5.f.	The Materiality Map	316	
6.	Disc	losure of the Materiality Process	316	
	6.a.	The Integrated Reporting Disclosures of the Materiality		
		Process	316	
	6.b.		317	
7.		el Disclosures of Material Matters	317	
	7.a.	General Disclosures in Accounting Standards	317	
	7.b.	General Disclosures in Audit Standards	318	
	7.c.	Disclosure of Material Matters in Integrated Reporting	319	
	7.d.	Disclosure of Material Aspects in Sustainability		
		Reporting	319	
	7.e.	ITAC Principles-based Disclosures	320	
Solution	ns an	d Recommendations	320	
Conclu	sion		323	

Part VII.	Where Standard Specifically Require Materiality	
	Judgments	325
Main Fo	cus of Part VII	326
1. I	s Materiality Standard-Specific?	326
	What Standards Say Users Want	326
	The Notion of Inconsequential or Perfunctory	340
	Materiality Applied to Specific Unit of Account	341
	4.a. Materiality to Assess Performance Obligations	341
4	4.b. Materiality of a Financing Component	341
	4.c. Materiality of a Customer Option	341
	Related Parties	341
6. I	Materiality Applied to Specific Items or Circumstances	345
Solutions	s and Recommendations	345
Conclusi	on	346
Part VIII	. Accounting Materiality in the Real World	347
Main Fo	cus of Part VIII	348
	Гhe Materiality Paradox	348
	Improvement of the Effectiveness of Financial Statements:	
	Гhe Standard-Setters' View	348
3. I	Behavioral Issues	349
4. I	s There Something Missing?	350
5. I	Materiality Comments on SEC Staff IFRS Reviews	351
	Гуріcal Materiality Abuses by Management	354
6	6.a. Uses and Misuses of Materiality	354
6	6.b. Failure to Disclose	355
6	6.c. Below Materiality Threshold	355
6	6.d. Setting Materiality High	356
6	6.e. Ignoring Aggregation Risk	357
6	6.f. Aggregated Benchmarks	357
6	6.g. Offset	357
6	6.h. Static versus Dynamic Benchmarks	358
ϵ	6.i. Income Statement Orientation	358
6	6.j. The Presentation versus Disclosure Game	359
6	6.k. The Change in Materiality Game	360
6	6.l. Undue Cost or Effort or Impracticability	360
6	6.m. Contra-Asset and Provision Items	360
ϵ	6.n. Income Shifting	361
6	6.o. Unbundling Misstatements	361

ϵ	5.p. Statements Were Audited	362
6	6.q. Absolute Amounts	363
6	5.r. Too Difficult to Understand	364
6	6.s. Too Far in Time	364
ϵ	6.t. Agency Conflicts	365
ϵ	6.u. Management Commentary	365
6	6.v. Watering Information	366
6	6.w. Reclassifications and Continuous Restatement	366
6	6.x. Change in Judgment	367
6	6.y. Entity's Circumstances Are Different	368
6	6.z. Focus on Consolidated Financial Statements	368
6	6.aa. Delegation to a Service Organization	369
6	6.bb. Shooting a Moving Target	369
6	6.cc. Persistent Behaviors	370
6	6.dd. Manual Adjustments	371
ϵ	6.ee. Incorrect Bookkeeping	371
Solutions	s and Recommendations	371
Conclusi	on	372
Referenc	es	373
Index		397

List of Figures

_				_	_
IJ	_	-	L		
-	и	1.			

Figure 1	Qualitative Characteristics under the IASB (1989) IASB Framework (reframed to compare with the FASB, 1985, CON 2)	12
Figure 2	Qualitative Characteristics under the Common Conceptual Framework (reframed to compare with the FASB, 1985, CON 2)	13
Figure 3	Qualitative Characteristics under the IPSAS Framework (reframed to compare with the FASB, 1985, CON 2)	14
Figure 4	Relevance and Materiality in FASB (1985), CON 2.	17
Figure 5	Relevance and Materiality in the IASB (1989), IASB Framework	18
Figure 6	Relevance and Materiality in Integrated Reporting	19
Figure 7	Reliability and Materiality in FASB (1985), CON 2.	22
Figure 8	Reliability and Materiality in the IASB (1989), IASB Framework	23
Figure 9	Relationships between Materiality, Relevance, Completeness, and Reliability in FASB (1985),	
	CON 2	24

Figure 10	Relationships between Materiality, Relevance, Completeness, and Reliability in the IASB, 1989, IASB Framework
Figure 11	Comparisons of Definitions of Materiality 34
Part III	
Figure 12	A Positive versus a Negative Concept of Materiality
Figure 13	Graduation of Materiality
Figure 14	Material Information in Users' Decision Process 87
Figure 15	Multiplying Risk-Level Graphs
Figure 16	Decoupled Effect Risk-Level Graphs 89
Figure 17	Single Effect Risk-Level Graphs
Figure 18	Recognition versus Disclosure along the Likelihood Axis
Figure 19	The Materiality/Disclosure Dilemma 94
Figure 20	Possible Dimensions of Materiality 96
Figure 21	The Flexibility Zone
Figure 22	Eyes of Management versus Eyes of Investors 98
Figure 23	The Ownership Triangle
Figure 24	Materiality as a Planning Tool
Figure 25	Consensus Materiality
Part IV	
Figure 26	IFRS Disaggregation or Aggregation Model for Presentation and Disclosure
Figure 27	Materiality Dimensions for Disclosure
Figure 28	Disclosure Based on Disclosure Relevance 137

Figure 29	SEC's 1987 Approach to Forward-Looking Disclosure	146
Figure 30	SEC's 1989 Approach to Known Trends or Uncertainties	147
Figure 31	Classification of Assertions	161
Figure 32	Relationship between Audit Risk and Materiality	163
Figure 33	Examples of Effects of Materiality on Audit Risk	164
Figure 34	Interaction of Materiality and Inherent Risk	166
Figure 35	Second-guessing Management's Determination of Users' Needs	167
Figure 36	How Materiality Affects Auditors' Communication	169
Figure 37	Effects of Materiality on Auditor's Response to Fraud	170
Figure 38	Effects of Materiality on Auditor's Response to Illegal Acts	171
Figure 39	Representation of Internal Control Deficiencies in Risk Maps	174
Figure 40	Relationship between Risk Appetite and Risk Tolerance	179
Figure 41	Interlock of Risk, Risk Appetite, Risk Tolerance, and Precision of Internal Controls	179
Figure 42	Risk Tolerance as an Indirect Measure of Materiality	181
Figure 43	Planned Materiality versus Risk Tolerance and Performance Materiality	182
Figure 44	Precision of an Internal Control	182
Figure 45	Inherently Imprecise Controls	184
Figure 46	Role of Materiality in Testing ICOFR	186

Part V

Figure 47	Small versus Large Misstatements Materiality	221
Figure 48	Use of Performance Materiality to Assess Estimation Uncertainty	222
Figure 49	The Use of Performance Materiality to Assess a Point Estimate	223
Figure 50	Component versus Group Materiality	229
Figure 51	Effect on the Details of Comparative Information of Corresponding versus Comparative Approach	241
Figure 52	Disaggregation Based on the Corresponding Figure Approach	242
Figure 53	Disaggregation Based on the Comparative Financial Statements Approach	243
Figure 54	Materiality of Prior Period Misstatements	247
Figure 55	Accumulation of Prior Period Errors in the Disclosure Initiative Tentative Model	250
Figure 56	Risk of Material Misstatement of an Accounting Estimate	254
Figure 57	Inherent Estimation Uncertainty	255
Figure 58	Assessment of a Material Misstatement in an Estimation Range	257
Figure 59	Assessment of a Material Misstatement in a Point Estimate	257
Figure 60	Likelihood/Magnitude Mapping Applied to Reliability	261
Figure 61	Summary of Treatment of Errors	276
Figure 62	Effect on Materiality and Audit Risk of the Degree of Estimation of Interim Amounts	282
Figure 63	Materiality Augmentation in Segment Reporting	286

Part VI

Figure 64	Risk-Level Graph	312
Figure 65	Significance/Influence Matrix	316
Part VII		
Figure 66	What Standards Say Users Want	327
Figure 67	References to Materiality Triggering-Specific	343

About the Author

Francesco Bellandi, US CPA (Certified Public Accountant); CGMA (Certified Global Management Accountant); Dottore Commercialista (Italian Chartered Accountant); Diploma in International Financial Reporting from the ACCA (The Association of Chartered Certified Accountants, UK); Degree in Economics (summa cum laude), LUISS University; M.B.A., SDA Bocconi School of Business, Bocconi University; Diploma in Private Equity from the A.I.F.I. (Italy's private equity association).

Francesco Bellandi is a practitioner in US GAAP/IFRSs dual reporting. Named by the AICPA as a worldwide IFRS US GAAP Subject Matter Expert, he is a member of the AICPA, the NYSSCPA (New York State Society of Certified Public Accountants), the NYSSCPA's International Accounting & Auditing Committee where he has chaired the IFRS and the FASB subcommittees. He has been an Editorial Review Board Member of The CPA Journal, New York, USA.

Francesco Bellandi is a forensic auditor. He has served as a board director, chief financial officer, and finance director in several multinational companies around the globe and contract university professor in Audit and in IFRS.

He has authored several publications, including two books published by Wiley & Sons, 2012: *The Handbook to IFRS Transition and to IFRS U.S. GAAP Dual Reporting* and *Dual Reporting for Equity and Other Comprehensive Income under IFRS and U.S. GAAP.*

He can be reached at francesco_bellandi@yahoo.com *or* francesco. bellandi@dualgaap.com.

Preface

For financial statement neophytes, materiality looks like a philosophical issue, thought to be of little importance to practitioners and financial statements preparers adept to hard life. Yet, most of the internal management battles for what to filter through the internal reporting layers and what and how to disclose it in the external financial statements run on the verge of materiality.

Experienced financial statements preparers know that much of the discussion at the top management and board levels is on what to or not to present and disclose, justified on the grounds of materiality, but often for some other reason indeed. Auditors know that unless they can prove that a misstatement is material, their bullet would be smoothed. And if they did uncover something, they would pray that it was immaterial. Forensic analysts are aware that when a company says that something is not material, this alone is a good reason to investigate what this statement is trying to conceal.

Materiality is a slippery issue. Being so difficult and tricky, the FASB appears determined not to search for its definition in an accounting context. Standard-setters must serve a large audience, from preparers to investors. But preparers, indeed, are also among their stakeholders. They must find some trade-off: accounting is not for scientists and cannot be so difficult to be impossible or excessively costly. So, preparers push for materiality, invoking users, but really do users invoke materiality? Is this license too wide? It depends on how sophisticated the glasses of readers are, and from what angle they are viewing the scene. What could seem

a departure from GAAP may in essence be acceptable as — some-body heard the auditor saying — it is not material. In a win-win situation, proving immateriality may give apparent relief to management for light sins and on the other hands be a useful defense to auditors. Investors, at least the most sophisticated of them, and financial analysts would rather have more information, because they know how to decide what is material to them. Securities regulators are obviously stricter than standard-setters.

Take it to the limit, somebody may have said after the fact, that it was too an immaterial issue to be of interest to users, and so this statement would be used to prove that before the fact there was an intent of fraud. The Court may have to say the last word.

This book offers an integrated perspective of materiality from the different angles of accounting standards for annual, interim, and segment reporting (including IFRS, US GAAP and SEC Rules and Regulations), auditing standards (including US and international ones), internal control over financial reporting, management commentary, financial analysis and management control, forensic analysis, sustainability reporting, corporate responsibility, assurance standards, integrated reporting, and limited legal considerations.

Part I introduces the background, including the scenario of the current debate as part of the IASB's Disclosure Initiative, the FASB's Disclosure Framework and the SEC's Disclosure Effectiveness Initiative.

Part II contrasts the views of the accounting conceptual frameworks. It then compares the definition of materiality in different standards and contexts, to then draw a taxonomy of materiality and its attributes.

Part III reviews the uses and effects of materiality as an accounting, legal, audit, and managerial concept. It counterbalances the interests and positions of the various stakeholders involved, such as investors, preparers, standard-setters, auditors, regulators, financial analysts, and other users of the financial statements. It then capitalizes on the author's vast experience in industry to devise alternative and complementary models of materiality with their pros and cons.

Part IV provides readers with interlinked guidance in accounting and audit about the extant requirements for the application of materiality to recognition, measurement, presentation and disclosure in the financial statements. It also expands to issues that are typical of management commentary. It informs about the complexities and subtle differences between financial statements and bookkeeping on the subject. Two full sections cover the application of materiality in auditing and in internal control over financial reporting, respectively.

Part V of the book goes into the details of how to assess materiality. It draws from a plethora of different disciplines to go to the essence of the very meaning and application of professional judgment and its multifaced aspects in specific scenarios and decisions. This section goes into practical guidance that rarely can be found on a such judgmental topic.

Part VI illustrates different approaches concerning the processes and methods that an entity can establish to determine materiality. Given the highly subjective nature of materiality assessments, proper processes, systems and methodologies are at the forefront of the recent and future developments in this area.

Part VII tackles specific issues of application of materiality. This section includes an illustration of SEC Staff comments on materiality in the review of Form 20-F of foreign private issuers and a checklist of specific accounting pronouncements relating to specific materiality decisions.

Part VIII of the book wraps up the whole content in showing how an experienced professional can handle discussions with management to uncover inappropriate schemes, manipulation tactics, if not frauds.