

BETWIXT

Studies in Linguistics and Communication

16

SERIES EDITOR:

Giuseppe **BALIRANO**

Università degli Studi di Napoli *L'Orientale* (IT)

ADVISORY BOARD:

Paul **BAKER**

Lancaster University (UK)

Susan **BASSNETT**

University of Warwick (UK)

Vijay Kumar **BHATIA**

Macquarie University (Australia)

Giuditta **CALIENDO**

Université de Lille (FR)

Flavia **CAVALIERE**

Università di Napoli Federico II (IT)

Rudy **LOOCK**

Université de Lille (FR)

Catalina **FUENTES RODRÍGUEZ**

Universidad de Sevilla (ES)

Bettina **MIGGE**

University College Dublin (IE)

Tommaso **MILANI**

Göteborgs Universitet (SE)

Kay **O'HALLORAN**

Curtin University, Perth (Australia)

Corinne **OSTER**

Université de Lille (FR)

Paul **SAMBRE**

KU Leuven (BE)

Maria Grazia **SINDONI**

Università di Messina (IT)

Girolamo **TESSUTO**

Università della Campania *Luigi Vanvitelli* (IT)

MARIA CRISTINA AIEZZA

BRIC BY BRIC

*A Corpus-Assisted Discourse Analysis
of CSR Reports by Energy Companies
from Industrialised
and Developing Countries*

PAOLO 
LOFFREDO

Proprietà letteraria riservata

Finito di stampare nel mese di novembre 2020

ISBN 978-88-32193-51-0

ISSN 2611-1349 (collana)

PAOLO
LOFFREDO



© 2020 **Paolo Loffredo** Editore s.r.l.
Via Ugo Palermo, 6 - 80128 Napoli
www.loffredoeditore.com
paololoffredoeditore@gmail.com

CONTENTS

Acknowledgements	11
List of Figures and Tables	13
<i>Introduction</i>	17
CHAPTER I	
COMMUNICATING CORPORATE SOCIAL RESPONSIBILITY	21
1.1 Corporate Social Responsibility and sustainability	21
1.2 CSR communications	27
1.2.1 Pros and cons of reporting	27
1.2.2 The question of authorship in corporate documents	28
1.2.3 CSR report: a tool for legitimation?	29
1.2.4 Evolution of the genre of the CSR report	29
1.2.5 Widespread reporting guidelines	32
1.2.5.1 GRI	32
1.2.5.2 United Nations Global Compact	34
1.3 CSR practices in the energy industry	35
1.4 Comparing CSR reporting practices in BRIC and <i>industrialised</i> countries	36
1.4.1 Trends in CSR legislation, practices, and reporting in selected countries	39
1.4.1.1 Brazil	39
1.4.1.2 Russia	41
1.4.1.3 India	44
1.4.1.4 China	46
1.4.1.5 United Kingdom	49
1.4.1.6 United States of America	51
1.4.1.7 Canada	53
1.5 Concluding remarks	55
CHAPTER II	
PREVIOUS DISCOURSE STUDIES ON CORPORATE REPORTS	57
2.1 Business Discourse	57

CONTENTS

2.2 Annual Report	58
2.3 CSR Report	62
2.3.1 Genre studies on CSR reports	62
2.3.2 (Critical) Discourse studies on CSR reports	65
2.3.3 Cross-cultural studies on CSR reports	70
2.4 Concluding remarks	73

CHAPTER III

ANALYSING CSR REPORTS BY ENERGY COMPANIES IN BRIC AND G8 COUNTRIES: RESEARCH STRUCTURE

3.1 Research frameworks	75
3.1.1 Corpus-Assisted Discourse Analysis	75
3.1.1.1 Corpus Analysis	75
3.1.1.2 Discourse Analysis	77
3.1.2 Appraisal Framework	79
3.1.3 Deictic references	82
3.1.3.1 First person self-references: <i>we</i>	83
3.1.3.2 Third person self-references: <i>COMPANYNAME</i> and <i>the Company</i>	84
3.1.4 Critical Genre Analysis	85
3.2 Research questions	88
3.3 <i>CorSus</i> : A diachronic corpus of sustainability reports	88
3.3.1 Corpus collection	88
3.3.2 Corpus description	90
3.3.2.1 Companies and standards	91
3.3.2.2 The language	93
3.4 Research methodology	93
3.4.1 Keyword analysis	94
3.4.2 Focus on projections	95
3.4.3 Focus on bad news	95
3.5 Concluding remarks	96

CHAPTER IV

COMPARING EMERGING DISCURSIVE TRENDS IN CSR REPORTS FROM DIFFERENT *WORLDS*

4.1 A cross-cultural analysis of CSR reports	97
4.2 BRIC versus ESG8	98
4.2.1 Personal references and their collocational patterns	99

CONTENTS

4.2.2	Lexical keywords	109
4.2.2.1	Industry	110
4.2.2.2	Economy	110
4.2.2.3	CSR activities	113
4.2.2.4	Risks and impacts	113
4.2.3	Overlapping BRIC keywords	116
4.3	BRIC companies in keywords	119
4.3.1	Brazil	120
4.3.2	Russia	122
4.3.3	India	123
4.3.4	China	125
4.4	Diachronic comparison	127
4.4.1	ESG8 2010-2011 vs 2008-2009	127
4.4.2	BRIC 2010-2011 vs 2008-2009	129
4.5	Concluding remarks	131

CHAPTER V

PREDICTING THE FUTURE: MODALITY MARKERS IN FORWARD-LOOKING STATEMENTS 133

5.1	Forward-looking statements	133
5.2	Analysing <i>Engagement</i>	139
5.3	Analysis	142
5.3.1	Predictive modals: <i>will</i> and <i>would</i>	144
5.3.2	Possibility modals: <i>may</i> , <i>might</i> , and <i>could</i>	156
5.3.3	Necessity modals: <i>should</i>	158
5.3.4	Other forward-looking verbs	160
5.3.4.1	<i>Continue</i>	164
5.3.4.2	<i>Believe</i>	166
5.3.4.3	<i>Aim</i>	170
5.3.4.4	<i>Plan</i>	172
5.3.4.5	<i>Expect</i>	173
5.3.4.6	<i>Seek</i>	175
5.3.4.7	<i>Intend</i>	177
5.3.4.8	<i>Estimate</i>	178
5.3.4.9	<i>Anticipate</i>	179
5.4	Concluding remarks	181

CONTENTS

CHAPTER VI	
REPORTING PAST PERFORMANCE: THE COMMUNICATION OF COMPLIANCE	183
6.1 Reporting compliance	183
6.1.1 Compliance in the GRI guidelines framework	184
6.2 <i>FineCorSus</i> : The compliance subcorpus	184
6.3 Appraisal Framework: <i>Counter</i>	185
6.4 Analysis	187
6.4.1 Form	187
6.4.2 Content	188
6.4.3 Analysis of linguistic resources expressing <i>counter</i>	197
6.5 Concluding remarks	198
Overall conclusions	201
REFERENCES	203
Software	230
Appendix 1. <i>CorSus</i> Composition	231
Appendix 2. <i>FineCorSus</i> Composition	235
Appendix 3. Wordlists by country	238
Appendix 4. Keywords of BRIC vs ESG8 subcorpora	257

*That the sun will not rise tomorrow
is no less intelligible a proposition,
and implies no more contradiction,
than the affirmation, that it will rise.
We should in vain, therefore,
attempt to demonstrate its falsehood.*

David Hume
An Enquiry Concerning Human Understanding

ACKNOWLEDGEMENTS

This volume is published some time after its first version, which collected most of the results of the research I carried out at the University of Naples Federico II, as a PhD student in English for Specific Purposes.

The decision to analyse the discourse of sustainability reports started as an attempt to combine different concerns that strongly required my attention. Firstly, an environmental conscience, fuelled by contemporary scandals, disasters, and scientific disclosures which, over the years, have made me, as many others, a more aware and *greener* consumer and citizen. Secondly, but not less important, a wish to test myself with hard data, by examining trends in real texts used in professional settings. This while keeping in mind that language, like other semiotic systems, is never neutral, but crafted to convey and imbued with specific meanings, while avoiding others.

I was lucky enough to be able to cultivate such research interests in the years following my defence, especially as a Post-Doctoral researcher in English Language at the University of Sannio, in Benevento. My work has maintained a constant focus on social and environmental issues, also in the light of the mounting worry for global warming and plastic pollution, while climate change denialism and populist sentiments are spreading.

Being this book the result of several years of research, work experiences and life, many are the people I wish to thank. I owe much to Dr Marco Venuti for his continued support in supervising my PhD project and for encouraging me to continue researching with determination. A special thanks goes to Prof. David Alexander for his helpful suggestions and for our inspirational emailing and talks about topics ranging from accountancy practices to the importance of numbers in human history. I also wish to thank Prof. Maurizio Gotti who, at the start of my PhD course, directed me in defining my research project.

I thank Prof. Giuseppe Balirano, my lifetime guru, for always giving me the best advice at the right time. He inspired me to undertake a PhD course in ESP and showed me his friendship and incitement when I most needed it. I am also indebted to Prof. Jocelyne Vincent for her motherly advice and professional guidance.

My deepest thanks go to my mentor, colleague, good friend – and fairy godmother! –, Antonella Napolitano. Over the last years, we shared – and

ACKNOWLEDGEMENTS

survived! – days of intense study, conference preparations, travels, exam sessions... and cute cat pictures! She has constantly showed me her care and support, encouraging me to pursue my research career. Without her, this book would have probably never seen the light.

My heartfelt thanks go to my family. To my parents, who have always sustained me, encouraging my efforts in all the activities I embarked on. To my brother, Dino, who brought joy – and good music – to my study and work days! To my grandmother, who, together with my late grandfather, has always hoped that my dedication to study would allow me to fulfil myself. I am deeply thankful and feel absolutely blessed to have a wonderful person in my life, Pasquale. His example and loving are a constant spur for me to work – and work out! – hard and to enhance my self-confidence.

I thank my dearest friends, particularly Raffaele and Roberto, who have always stood by my side, tolerating my complaints and reminding me of the nerd I used to be! Thanks to my former PhD course colleagues, in particular to Adriano, who shared with me fun times, work experiences, and struggles. I am grateful to my friends in Birmingham and to my colleagues at Barr Beacon High School, especially to Vincenzo, who became like a second family for me during my assistantship year. I thank Stefano, my old university friend, for his cheerfulness, for always believing in me, and for accompanying me during the hectic period of traineeship and competitive examinations as teachers for the Italian high school. I want to show my appreciation to my colleagues at the Technical Secondary School “G.C. Falco” in Capua and Grazzanise and at the University of Sannio, for their example of true dedication to the teaching profession and to the education of young generations. I thank my students who, day after day, through their slips and achievements, make me proud of the people they are becoming. Their faces and voices will always be in my heart.

I have gone through many ups and downs during the past few years. I would like to thank all the people who have tolerated my bad moods and believed in me and in my potentialities maybe more than I myself have ever done.

I thank the two anonymous referees for contributing to improving the final version of this work. Grateful acknowledgment is made to all authors and publishers of copyright material which appears in this book. Every effort has been made to trace and contact copyright holders prior to publication, but this has not been possible in every case.

LIST OF FIGURES AND TABLES

List of Figures

Figure 1.1	The pyramid of CSR	21
Figure 2.1	The colony of promotional genres	60
Figure 3.1	An overview of the Appraisal Framework	81
Figure 3.2	Focus on <i>Heterogloss Engagement</i> in the Appraisal Framework	82
Figure 3.3	Examples of a GRI report and a CoP	92
Figure 4.1	Selected concordance lines of climate change is a/an in ESG8 subcorpus	114
Figure 4.2	Selected concordance lines of <i>climate change is a/n</i> in BRIC subcorpus	114
Figure 4.3	Selected concordance lines of <i>village*</i> in India subcorpus	124
Figure 4.4	Selected concordance lines of <i>harmon*</i> in China subcorpus	126
Figure 5.1	Dispersion plot of <i>will</i> in BRIC subcorpus	144
Figure 5.2	Dispersion plot of <i>will</i> in ESG8 subcorpus	144
Figure 5.3	Selected concordance lines of <i>we will continue to</i> in BRIC subcorpus	149
Figure 5.4	Selected concordance lines of <i>we will continue to</i> in ESG8 subcorpus	150
Figure 5.5	Concordance lines of <i>we believe</i> , +10 context word <i>will</i> , in BRIC subcorpus	168
Figure 5.6	Selected concordance lines of <i>we believe</i> , +10 context word <i>will</i> , in ESG8 subcorpus	169
Figure 5.7	Selected concordance lines of <i>we estimate</i> in ESG8 subcorpus	179
Figure 5.8	Selected concordance lines of <i>we anticipate</i> in ESG8 subcorpus	180
Figure 6.1	Focus on <i>Counter</i> linguistic resources in the Appraisal Framework	186

LIST OF FIGURES AND TABLES

List of Tables

Table 3.1	Corpus data (<i>CorSus</i>)	90
Table 3.2	Corpus data (<i>COMPANYNAME</i> version of <i>CorSus</i>)	91
Table 4.1	Frequencies of self-references in the corpus	99
Table 4.2	+1 auxiliary verb collocates of the corporate subjects	101
Table 4.3	+1 collocates of <i>we have</i>	102
Table 4.4	+1 collocates of <i>COMPANYNAME has</i>	103
Table 4.5	+1 collocates of <i>company has</i>	104
Table 4.6	4-word clusters of <i>we are</i>	106
Table 4.7	4-word clusters of <i>COMPANYNAME is</i>	106
Table 4.8	4-word clusters of <i>company is</i>	107
Table 4.9	4-word clusters of <i>we were</i>	108
Table 4.10	+1 collocates of <i>COMPANYNAME was</i>	108
Table 4.11	Relevant -1 collocates of crisis	112
Table 4.12	5-word clusters of <i>climate change</i>	115
Table 4.13	Keywords common to every single BRIC country against ESG8 wordlist	116
Table 4.14	Negative keywords common to every single BRIC country against ESG8 wordlist	117
Table 4.15	-1 and +1 lexical collocates of <i>income</i> in Brazil reduced subcorpus	120
Table 4.16	-1 and +1 lexical collocates of <i>market</i> in Brazil reduced subcorpus	121
Table 4.17	<i>Risks and impacts</i> keywords of ESG8 2010-2011 vs ESG8 2008-2009	127
Table 4.18	<i>Risks and impacts</i> keywords of BRIC 2010-2011 vs BRIC 2008-2009	129
Table 4.19	<i>Personal deixis</i> keywords of BRIC 2010-2011 vs BRIC 2008-2009	130
Table 5.1	Frequencies of forward-looking modal verbs	142
Table 5.2	Co-occurrences of forward-looking modal verbs with the corporate subjects	143
Table 5.3	+2 verbal collocates of <i>we will</i>	145
Table 5.4	+2 verbal collocates of <i>COMPANYNAME will</i>	147
Table 5.5	+1 collocates of <i>we will continue to</i>	148
Table 5.6	+1 collocates of <i>COMPANYNAME will continue to</i>	151
Table 5.7	+2 verbal collocates of <i>we would</i>	154
Table 5.8	Frequencies of other forward-looking verbs	160

LIST OF FIGURES AND TABLES

Table 5.9	Co-occurrences of other forward-looking verbs with the corporate subjects	161
Table 5.10	+1 collocates of <i>we continue to</i>	164
Table 5.11	+1 collocates of <i>COMPANYNAME continues to</i>	165
Table 5.12	4-word clusters of <i>we believe</i>	167
Table 5.13	+1 collocates of <i>we aim to</i>	170
Table 5.14	+1 collocates of <i>COMPANYNAME aims to</i>	171
Table 5.15	+1 collocates of <i>we plan to</i>	172
Table 5.16	4-word clusters of <i>we expect</i> in ESG8 subcorpus	173
Table 5.17	+1 collocates of <i>we seek to</i>	175
Table 5.18	+1 collocates of <i>COMPANYNAME seeks to</i>	177
Table 5.19	+1 collocates of <i>we intend to</i>	178
Table 6.1	Normalised frequency of paragraph functions in the compliance sections by country	191
Table 6.2	<i>FineCorsus</i> keywords by country	191

INTRODUCTION

Over the last half-century, the idea that corporations are just self-interested entities has come to be questioned, together with the revelation of some businesses' irresponsibilities, especially after some large-scale environmental disasters and the discovery of the exploitation of human labour by multinationals. Companies have had to gain awareness of their role as social actors and of the impact of their operations and are now concerned about issues once considered unrelated to their mission (Argenti 2009: 105-106), prompted to look beyond the sheer bottom line of the net income, towards the so-called *Triple Bottom Line*. Summarised as *People, Planet and Profit*, it represents the principles of sustainable capitalism and captures the aspects against which companies are increasingly called to account (Elkington 1997: x).

Reporting on non-financial aspects of business performance has therefore become more and more relevant in the full spectrum of corporate communications. Over the last few years, Corporate Social Responsibility (CSR) reporting practices have grown exponentially, complementing the information disclosed in financial accounts and enabling stakeholders to estimate the intangible value drivers and the overall sustainability-related achievements (see Gazdar 2007: xi; Herzig and Shaltegger 2011: 166). Being energy production and use a sensitive industrial area, which is based on limited resources and still a major cause of risks, such as incidents and contamination (IAEA *et al.* 2005: 1), power and oil companies have recently felt a more urgent need to legitimise their activities and to account for their own sustainability.

Among the documents that organisations can adopt to disclose their CSR compliance, the present research takes into consideration the sustainability report. The genre is characterised by high hybridity (see Bhatia 2004), with a combination of informational and promotional elements. The traditional genre from which the sustainability report originated, the annual financial report, has been widely studied from a discursive perspective. Similarly, in recent years, we have witnessed a proliferation of case studies and extensive overviews on non-financial reporting from multiple perspectives of analysis, in different social sciences and, lately, also in language and discourse studies.

INTRODUCTION

The present investigation is carried out on a corpus of CSR reports written in English and issued by electricity and oil companies operating in the once so-called *emerging* and *industrial* countries. It appeared interesting to compare more mature sustainable practices with the progress achieved in emergent markets. In the latter, along with economic development, companies can be expected to improve their transparency, accountability and public ordering, and to enhance their CSR (UNDP and RUSAL 2008: 13). The study focuses on a collection of texts published between 2008 and 2011, when many companies issued their first sustainability reports and started using global standards.

The study constitutes a corpus-assisted discourse analysis of sustainability reports. By making use of corpora and statistics, the analyst can uncover tendencies not visible to the naked eye and then make sense of regularities by considering them within their larger context (Baker 2006). A combined quantitative and qualitative approach can help to unveil how, even within the guidelines of international standards, words are non-neutrally used to construct discourses and views, to persuade investors and other social actors, and shape the markets. The analysis of sustainability reports tried to provide insights about the emergence of discursive formations and generic patterns, investigating possible common discourses arising within *developing* and *industrial* countries, and analysing how companies try to promote and keep their corporate image.

Martin and White (2005) offer an articulated system for the study of the resources through which authorial evaluation is enacted. The theoretical framework adopted in the research is also based on Critical Genre Analysis (Bhatia 2012a), considered as a way of looking at professional communication by studying genres as discursive products of professional practices, connecting textual instantiations to the competing interests influencing them.

The Corporate Sustainability Report is an emerging genre, relatively young and with a non-mandatory nature. The research showed that standardising projects (such as the Global Reporting Initiative and the United Nations Global Compact) have influenced and evened out the type and amount of information provided. Nevertheless, peculiarities of the different countries where the model is re-enacted are recognisable in the texts, in terms of discursal organisation, rhetorical justifications, and priority given to the multiple social responsibility areas and themes.

Hereafter, a short summary of the content of the chapters in this book.

The first section introduces the concept of CSR and the genre of the sustainability report. It also establishes the focus of the present research,

INTRODUCTION

that is, CSR in the energy industry, examined in a comparative perspective between BRIC countries and *old* economies. The chapter ends with an outline of the history of reporting practices in the selected countries.

The second chapter situates the research in the area of Business Discourse and provides an overview of the literature on the traditional genre of financial reports and on the more recent genre of CSR reports.

The third chapter outlines the research structure, presenting the purpose of the study and the theoretical framework of reference adopted. It then concentrates on corpus design, providing details on data collection and describing the corpus. The chapter finally presents the methodology implemented in the different phases of the investigation.

The following chapters are centred on the analysis of CSR reports. The study begins with the study of keywords, that is, terms that appear statistically more often in one subcorpus compared with another (Baker 2004: 128) and which may point to discourses and/or ideologies. The examination compares emerging markets with industrial countries, also contrasting more recent reports with older ones, in a diachronic perspective (Chapter 4). The exploration suggested that the two sets of countries attribute different relevance to a specific lexical area, namely, the one concerning risks and impacts of industrial activities. As a consequence, the following analyses have a more specific focus on the balance of positive and negative information in the projections of future performance (Chapter 5) and on the communications of non-compliance (Chapter 6) in a selected subcorpus.

The final chapter discusses the findings, drawing some conclusions on the generic differences between CSR reports in *developed* and *developing* countries, and suggests possible further investigations to be conducted.