

RAISING THE BAR – Advancing Environmental Disclosure in Sustainability Reporting

UNITED NATIONS ENVIRONMENT PROGRAMME

Copyright © United Nations Environment Programme, 2015

This publication may be reproduced in whole or in part and in any form for educational or non-profit purposes without special permission from the copyright holder, provided acknowledgement of the source is made.

UNEP would appreciate receiving a copy of any publication that uses this publication as a source. No use of this publication may be made for resale or for any other commercial purpose whatsoever without prior permission in writing from the United Nations Environment Programme.

Disclaimer

The designations employed and the presentation of the material in this publication do not imply the expression of any opinion whatsoever on the part of the United Nations Environment Programme concerning the legal status of any country, territory, city or area or of its authorities, or concerning delimitation of its frontiers or boundaries. Moreover, the views expressed do not necessarily represent the decision or the stated policy of the United Nations Environment Programme, nor does citing of trade names or commercial processes constitute endorsement.

UNEP promotes environmentally sound practices globally and in its own activities. This publication is printed on FSC-certified paper, using eco-friendly practices. Our distribution policy aims to reduce UNEP's carbon footprint. RAISING THE BAR – ADVANCING ENVIRONMENTAL DISCLOSURE IN SUSTAINABILITY REPORTING

Acknowledgements

Lead Author:

Hanna Thorsteinsdottir, UNEP Consultant.

Contributing Authors and Researchers:

Bill Baue, Sustainability Context Group; Dave Knight, DNV GL; Victor Valido Vilela and Kevin Ramírez, UNEP Consultants; Helle Bank Jorgensen, Anastasia Ostapchuk and Megan Wallingford, B. Accountability; Cornis van der Lugt, Daniel Malan and Onesimo Mazarura, Centre for Corporate Governance in Africa – University of Stellenbosch Business School (USB); Rajiv Maher and Dante Pesce, Centro Vincular – Pontificia Universidad Catolica de Valparaiso.

Project Manager: Elisa Tonda, UNEP

We would like to thank the following experts for sharing their valuable insights and experiences for the preparatory work and conceptualization of this report, as well as for the mid-project workshop and final revision:

Alexander Bassen, University of Hamburg; Allen White, Tellus Institute; Ana Paula Gethner, Petrobras; Andre Abadie and Paul O'Connor, J.P. Morgan; Andrea Paola Pradilla, Ministry of Trade, Industry and Tourism of Colombia; Andreas Tschulik, Ministry of Agriculture, Forestry, Environment and Water Management of Austria; Anne Leonore Boffi and Eva Zabey, World Business Council for Sustainable Development (WBCSD); Anne Mette Christiansen, Deloitte; Anthony Miller, UN Conference on Trade and Development (UNCTAD); Barbara Wieler, PricewaterhouseCoopers; Bastian Buck, Global Reporting Initiative (GRI); Bob Scholes, Council for Scientific and Industrial Research; Bob Willard, Sustainability Advantage; Bruno Starnini Junior, Independent Reporting Consultant; Claudia Domínguez and Claudia Vela, Sucroal; Corli le Roux, Johannesburg Stock Exchange; Evan Harvey, NASDAQ OMX; Guy Morgan, Business for Social Responsibility (BSR); Ian Whitehouse, Environment Canterbury; Ingrid Camilo dos Santos, Freelance Sustainability Reporting Consultant (Natura); Jane Thostrup Jagd, Maersk Group; James Osborne, Lundquist; Jason Perks, Two Tomorrows; Jean Paul Zalaquett, Chilectra; Jessica Fries, The Prince's Accounting for Sustainability Project; Jim O'Brien, CSR Consulting; Joel Makower, GreenBiz Group Inc.; Jonathan Taylor, European Investment Bank (EIB); Jonathon Hanks, Incite; Jorge Reyes Iturbide, Centro IDEARSE – Universidad Anáhuac; Jorge Soto, Braskem; Josh Bishop, World Wide Fund for Nature Australia (WWF Australia); Juan Carlos Corvalán, Sodimac; Karin Ireton, Independent Consultant; Katherine Lama, Ministry of Economy of Chile; Kaj Jensen, Bank of America; Kevin McKinley, International Organisation for Standardisation (ISO); Kristina Julie Rüter, Oekom Research; Lorraine Smith, SustainAbility; María Isabel Echeverri, Cementos Argos; Mariana Mereilles, Ministry of Environment of Brazil; Mark Weick, The Dow Chemical Company; Ole Lund Hansen, UN Global Compact (UNGC); Paul Hohnen, Sustainability Strategies; Paul Simpson, CDP; Peter Lukey, Department of Environmental Affairs of South Africa; Rosemary Bissett, National Australia Bank; Santiago Madriñán, Consejo Empresarial Colombiano Para el Desarrollo Sostenible (CECODES); Sheila Khama, African Center for Economic Transformation; Simon MacMahon, Sustainalytics; Sonia Consiglio Favaretto, BM&FBOVESPA; Victor Kjaer, Danish Business Authority; Yuki Yasui, UNEP Finance Initiative (UNEP FI); Waldemar Coutts, Ministry of Foreign Affairs of Chile; Wayne Visser, Kaleidoscope Futures.

Furthermore, UNEP would like to thank the following people who participated in the mid-project workshop and final revision for their valuable contributions to improve this publication:

Anne-Catherine Husson-Traoré, Novethic; Anais Blasco and Tatiana Botelho, World Business Council for Sustainable Development (WBCSD); Arab Hoballah, UNEP; Bendik Solum Whist, Norwegian Ministry of Climate and Environment; Cora Olsen, Novo Nordisk; Emily Sims, International Labour Organization (ILO); Gustavo A. Yepes Lopez, Universidad Externado de Colombia; Jean Florent Helfre, Sustainalytics; Jeanne Ng, CLP Power Hong Kong; Koen Boone, The Sustainability Consortium; Mardi Mc Brien, Climate Disclosure Standards Board (CDSB); Margo Mosher, SustainAbility; Michael Beutler, Kering; Nicoletta Ferro, GOLDEN Project for Sustainability – Bocconi University; Nis Christensen, Danish Environmental Protection Agency (Ministry of Environment of Denmark); Philippe Peuch-Lestrade, International Integrated Reporting Council (IIRC); Robin Edme, Ministry of Ecology, Sustainable Development and Energy of France.

Finally we would also like to thank the following people for their contribution made during the final revision of this report:

Agnieszka Rum Moore, Sustainability Consultant; Ana Blanco and Bernhard Frey, UN Global Compact (UNGC); Anne-Marie Boulay, Centre international de référence sur le cycle de vie des produits, procédés et services (CIRAIG); Helena Rey, Garrette Clark and Llorenç Milà i Canals, UNEP; Nina Collinson and Ramana James, Insurance Australia Group (IAG); Solfrid Foss, Norwegian Ministry of Climate and Environment.



UNEP gratefully acknowledges the financial contribution of the Norwegian Ministry of Climate and Environment to the MERITAS initiative and related activities.

TABLE OF CONTENTS

Foreword			
Executive Summary			
1. 1.1	Introduction 10 About this Report 11 1.1.1 Research Methodology 11 1.1.2 Notes on the Report's Content 11		
2. 2.1 2.2	Setting the Stage for Sustainability Reporting 13 Drivers and Context of Sustainability Reporting 13 2.1.1 Global Challenges 13 2.1.2 Frameworks and Tools 14 2.1.3 Governments and Stock Exchanges 14 Challenges to Achieving Quality Sustainability Reporting 15		
3. 3.1 3.2 3.3	Materiality Assessments 17 Key Frameworks and Tools for Materiality Assessments 18 Key Components of Materiality Assessments 19 Recommendations. 21		
4. 4.1	The Most Commonly Reported Environmental Areas 22 Background and Link between the Environmental Areas 22 4.1.1 GHG Emissions 22 4.1.2 Energy 23 4.1.3 Water 23 4.1.4 Materials and Waste 23		
5. 5.1 5.2 5.3	General Shortcomings of Environmental Disclosure 24 Boundary 24 Reporting Methodologies and Metrics 24 Reporting Context 25		
6. 1 6.2	Improving the Quality of Environmental Disclosure 26 Overview. 26 Reporting on Greenhouse Gas (GHG) Emissions 26 6.2.1 Current State of Reporting on GHG Emissions/Key Research Findings 26 6.2.2 Key Tools and Frameworks for GHG Emissions Reporting 27 6.2.3 Comprehensive Reporting on GHG Emissions 28 6.2.4 Ongoing research on GHG Emissions Reporting 37		
6.3	Reporting on Energy. 32 6.3.1 Current State of Reporting on Energy/Key Research Findings 32 6.3.2 Key Tools and Frameworks for Energy Reporting. 32 6.3.3 Comprehensive Reporting on Energy 33		
6.4	Reporting on Water 34 6.4.1 Current State of Reporting on Water/Key Research Findings. 34 6.4.2 Key Tools and Frameworks for Water Reporting 34 6.4.3 Comprehensive Reporting on Water 35 6.4.4 On-going Research Relevant for Water Reporting 36		
6.5	Reporting on Materials and Waste 38 6.5.1 Current State of Reporting/Key Research Findings 38 6.5.2 Key Tools and Frameworks for Materials and Waste Reporting 38 6.5.3 Comprehensive Reporting on Materials and Waste 40 6.5.4 On-going Research Relevant to Materials and Waste Reporting 42		

6.6	Recomr 6.6.1 6.6.2 6.6.3 6.6.4 6.6.5	mendations42General (for all four environmental areas)42GHG Emissions43Energy43Water43Materials and Waste43		
7. 7.1 7.2 7.3	Discuss Key Sta	inicating Environmental Data to Stakeholders		
8. 8.1		Towards the Future 48ed for Context48Current State48Key Tools and Frameworks49Recommendations52On-going Research52		
8.2	Assuran 8.2.1 8.2.2 8.2.3 8.2.4	ince		
8.3	Collabo 8.3.1 8.3.2 8.3.3	rative Reporting56Examples of Collaborative Reporting57Stakeholder Collaboration58Recommendations58		
9.	Conclus	sions		
Annex 1 – Overview of Companies Analysed for the Report				
Annex 2 – Example of a Good Quality Assurance Statement				
Annex 3 – Index of Figures and Tables				



Through their use of resources and production of waste and pollution, enterprises produce costs and impacts that are borne in the long term by human and environmental systems. A 2013 study from Trucost and the TEEB for Business Coalition estimates that the world's top 100 externalities are costing the economy US \$4.7 billion in terms of environmental and social costs of lost ecosystem services and pollution. The sectors analysed for the report are estimated to have natural capital costs totalling US \$7.3 trillion mainly from greenhouse gas emissions, water and land use. However, through the provision of employment, goods and services and investment in research and innovation, enterprises also support social and economic development and growth. Understanding and communicating to shareholders and stakeholders the positive and negative impacts of business activities is fundamental to fully appreciate their engagement and contribution to sustainable development. Sustainability reporting is an important tool for corporate transparency and accountability and has become a common practice in many industries. Research by KPMG estimates that two-thirds of large companies in 41 countries published sustainability reports in 2013, a figure that rises to 93% among the world's 250 largest companies. Recent years have seen an increasing number of policies and initiatives encouraging environmental disclosure, as well as the development of numerous guidance materials for reporting organizations.

However, less focus has been placed on the quality of reports. Raising the Bar – Advancing Environmental Disclosure in Sustainability Reporting, a report under the MERITAS initiative (Making Environmental Reporting Important to All Stakeholders), aims to assist companies and organizations to improve the quality of the environmental information they disclose. Many stakeholders still consider that current sustainability reports do not always reflect companies' environmental impacts accurately and therefore are not useful for decision-making purposes. For businesses, it is not always easy to address the concerns from all stakeholders in one document, or to rethink their approach to reporting in a way that is meaningful to their strategies.

This publication is a landmark in corporate sustainability reporting, providing a strategic approach by addressing issues that are material both for company operations and their stakeholders. It offers ready-to-use guidance for companies to identify the tools best suited to their needs as well as insights into audiences' expectations. It also incorporates emerging areas of research and innovative reporting practices. The publication advocates a collaborative approach, engaging all stakeholders and businesses in the value chain to develop a high-quality sustainability report. It also encourages placing the disclosed information within the context of environmental limitations identified by scientific evidence, enabling a more accurate reflection of the company's contribution to sustainable development.

Many businesses have found sustainability reporting to be a powerful decision-making tool, and the international community also recognized its importance for corporate transparency in the Outcome Document of the Rio+20 UN Conference on Sustainable Development, where it called for the UN system to support the integration of sustainability information into companies' reporting cycles. Enhanced transparency and responsibility will be instrumental to monitor global progress made towards the Sustainable Development Goals and to fostering their uptake and implementation. UNEP intends to advance this shared goal by Making Environmental Reporting Important to All Stakeholders – and chiefly to reporting organizations themselves.

Ligia Noronha

Director Division of Technology, Industry and Economics United Nations Environment Programme



Sustainability reporting is on the increase globally, in particular among large companies. Reasons for this increase include the pressing environmental and social challenges and a growing interest in sustainability reporting by governments, investors and stock exchanges (resulting in regulations and incentives for reporting). We are also seeing increased focus on value chain reporting, which may lead to a greater uptake of sustainability reporting by small- and medium-sized enterprises (SMEs).

Although it is remarkable to see that a considerable number of the world's largest public and private companies now voluntarily report on their sustainability activities, sustainability reporting faces a number of challenges. These challenges can broadly be divided into two categories:

- Challenges pertaining to quantity of reporting organizations, including the low share of SMEs that are reporting;¹
- Challenges pertaining to quality such as lack of contextual information in sustainability reporting and the common criticism that sustainability reporting does not cover the most material issues and that it is difficult to compare and use for decision making.

This Report examines ways to improve the quality of sustainability reporting with a focus on its environmental dimension. The Report includes four key focus areas, which are outlined below, namely:

- 1. the importance of materiality assessments
- 2. an overview of the most commonly reported environmental areas
- 3. the communication to and engagement with stakeholders, and
- 4. the importance of placing reported information into context and ensuring its credibility through assurance

THE NEED FOR STRENGTHENING AND HARMONIZING THE MATERIALITY ASSESSMENT PROCESS

Materiality assessments are an essential tool for improving the quality of sustainability reporting and ensuring relevance of the reported information to stakeholders. The focus on the importance of materiality assessments in defining reporting content is growing if judging from the emphasis on the materiality principle in reporting frameworks. This is the case for the latest version of the well-established framework

预览已结束, 完整报告链接和二维码如下:



https://www.yunbaogao.cn/report/index/report?reportId=5 16380