

Contents

<i>List of contributors</i>	viii
<i>List of abbreviations</i>	xviii
<i>Supplementary materials</i>	xxi

Introduction to Cases and Exercises on Sustainability Accounting	1
<i>Charles H. Cho, Ericka Costa and Blerita Korca</i>	

PART I SUSTAINABILITY ACCOUNTING

1 Sustainable Development Goals (SDGs) and strategic sustainability accounting	17
<i>Ian Thomson</i>	
2 A case study of the inclusion of environmental, social, and governance (ESG) metrics in executive compensation plans	25
<i>S. Leanne Keddie</i>	
3 Material Flow Cost Accounting application: the case of FGV Beverage Company	48
<i>Thuy Thanh Tran, Simon Alcouffe and Christian Herzig</i>	

PART II SUSTAINABILITY REPORTING

4 Normativity and sustainability reporting regulation	63
<i>Nicolas Garcia-Torea and Juliette Senn</i>	
5 Sustainable Development Goals (SDGs), accounting, and sustainability disclosures	72
<i>Xinwu He</i>	

- 6 Preparation and use of a value-added statement: the case of “Los 33” Mining Company** 81
Adrián Zicari and Luis Perera-Aldama
- 7 Social audit: silent and shadow accounts** 96
Charles H. Cho

PART III CARBON ACCOUNTING AND MANAGEMENT

- 8 Carbon accounting at AirFlow Solutions: calculation of Scope 1, 2, and 3 emissions** 105
Blerita Korca and Frank Schiemann
- 9 Sustainable skies: the Green Wings’ carbon accounting odyssey** 118
Sasan Saiy and Amr ElAlfy
- 10 Greenhouse gas (GHG) inventory development and management** 129
Harrison Brook

PART IV IMPACT AND MATERIALITY

- 11 Social impact assessment in the non-profit organisation (NPO) sector** 143
Ericka Costa
- 12 Planning and monitoring practices: using non-financial indicators in social businesses** 155
Asako Kimura, Yan Li and Masayoshi Suzuki
- 13 Materiality assessment in the beauty industry** 166
Lies Bouten, Stuart Cooper and Giovanna Michelin
- 14 Materiality assessment and sustainability reporting: an experiential learning project** 174
Charles H. Cho

PART V SUSTAINABILITY PRACTICES

- 15 Startrack Holdings: a case of inclusive leadership and decision-making** **181**
Katrina T. Johnson, Lisa Powell, Nick McGuigan, Alice De Jonge, Kym Brown, Catherine S. Forbes, Jagjit Plahe and Edward Tello
- 16 Accounting for strategic transition into decarbonisation: sustainability performance of innovation by two global automotives** **193**
Artie W. Ng, Tiffany C.H. Leung and Kobra Gharali
- 17 Huile et Herbes: The challenges of measuring sustainability performance** **204**
Alexandre Perron and Michelle Rodrigue
- 18 Boreo Oyj: sectoral sustainability analysis** **208**
Timo Heikkilä
- Index* **215**