

STUDY GUIDE

The Case for Impact © Copyright 2022 Sonja Haut

All rights reserved. No part of this publication may be reproduced, distributed, or transmitted in any form or by any means, including photocopying, recording, or other electronic or mechanical methods, without the prior written permission of the author, except in the case of brief quotations embodied in critical reviews and certain other noncommercial uses permitted by copyright law.

Although the author has made every effort to ensure that the information in this book was correct at press time, the author does not assume and hereby disclaim any liability to any party for any loss, damage, or disruption caused by errors or omissions, whether such errors or omissions result from negligence, accident, or any other cause.

Adherence to all applicable laws and regulations, including international, federal, state, and local governing professional licensing, business practices, advertising, and all other aspects of doing business in the US, Canada or any other jurisdiction is the sole responsibility of the reader and consumer.

The author does not assume any responsibility or liability whatsoever on behalf of the consumer or reader of this material. Any perceived slight of any individual or organization is purely unintentional.

The resources in this book are provided for informational purposes only and should not be used to replace the specialized training and professional judgment of a health care or mental health care professional.

The author cannot be held responsible for the use of the information provided within this book. Please always consult a trained professional before making any decision regarding treatment of yourself or others.

Disclaimer. The views and opinions expressed in this book are those of the author. While produced during the employment at Novartis, they do not necessarily reflect the official policy or position of Novartis. Any content provided by the author is of their opinion, and are not intended to malign any religion, ethnic group, club, organization, company, individual, or anyone or anything.

CONTENTS

k Summary	4
but the Author	5
rning Objectives and Applications	8
PROLOGUE and INTRODUCTION	9
BUSINESS DRIVERS FOR IMPACT	11
A BRIEF HISTORY OF IMPACT VALUATION IN BUSINESS	15
DIFFERENT SCENARIOS – ONE APPROACH TO IMPACT	19
GETTING STARTED WITH IMPACT VALUTION	22
INTEPRETING IMPACT	25
OPERATIONALIZING IMPACT	30
PURPOSE, STRATEGY, AND IMPACT	35
ESG, REPORTING, AND IMPACT	39
TOWARDS AN ECONOMY OF IMPACT	44
LESSONS FROM THE JOURNEY	51
CONCLUSIONS and EPILOGUE	52
)	k Summary nut the Author PROLOGUE and INTRODUCTION BUSINESS DRIVERS FOR IMPACT A BRIEF HISTORY OF IMPACT VALUATION IN BUSINESS DIFFERENT SCENARIOS – ONE APPROACH TO IMPACT GETTING STARTED WITH IMPACT VALUTION INTEPRETING IMPACT OPERATIONALIZING IMPACT PURPOSE, STRATEGY, AND IMPACT ESG, REPORTING, AND IMPACT TOWARDS AN ECONOMY OF IMPACT LESSONS FROM THE JOURNEY CONCLUSIONS and EPILOGUE

Book Summary

The Case for Impact is a practical guide for business leaders and provides compelling business reasons for engaging actively in impact valuation. Full of tangible examples and down-to-earth advice, this book describes several pragmatic ways on how to get started with measuring impact and how to embed it into your strategy and operations. Written by an impact valuation practitioner, the book provides a personal perspective on the role of impact measurement in sustainability reporting and for a future economy of impact.

About the Author

Sonja Haut has worked on impact valuation for Novartis since 2015. She has earned an MBA from IMD Business School and is a First Movers Fellow of the Aspen Institute.

Since 2019, Ms. Haut has been a member of the WEF Global Future Councils on the New Agenda for Economic Growth and Recovery (2020-2022) and the New Economic Agenda (2019-2020).

Ms. Haut leads the Novartis Value Balancing Alliance (VBA) engagement and is a member of the Capitals Coalition Advisory Panel and a member of the ISSB Technical Reference Group. Prior to her current role at Novartis, she held IT and finance leadership roles.

Ms. Haut holds degrees in physics and mathematics from the University of Freiburg, Germany. She is the author and co-author of white papers, reports, case studies, opinion pieces on the role of impact valuation for business, society, and the economy:

- Albu N, Zubrzycki K, Scholz R, Ostwald D A, Somweber K, Haut S. Direct Gross Value Added Calculation Method. WifOR. 2020 Sep 1 [accessed 2022 Jul 12]. Available from: <u>https://www.wifor.com/uploads/2021/03/Case_Study_Novartis_WifOR_Direct_Gross_Value_Added.pdf</u>
- Benke N, Scholz R, Albu N, Cramer M, Ostwald D A, Haut S, Kessler D. The Environmental Impact of Novartis Along Global Supply Chains. WifOR. 2018 Jul 11 [accessed 2022 Jul 12]. Available from: <u>https://www.wifor.com/uploads/2019/02/2018 Case_Study_Novartis_Global_Environ_mental-Impact_WifOR.pdf</u>
- Elkington E, Haut S. Impact investment is a force for the good, but a better way is needed to assess its value. 2021 Sep [accessed 2022 Aug 21]. Available from: https://iby.imd.org/magazine/impact-investment-is-a-force-for-good-but-a-better-way-is-needed-to-assess-its-value/
- EY. Embankment Project for Inclusive Capitalism. 2018 [accessed 2022 Jul 12]. Available from: <u>https://assets.ey.com/content/dam/ey-sites/ey-</u> <u>com/en_ca/topics/transaction-advisory-services/ey-the-embankment-project-for-</u> <u>inclusive-capitalism-report.pdf</u>
- Haut S, Weger D. Transforming business practice through impact valuation. The Reporting Times. CCR. 2020 May [accessed 2022 Jul 12]. Available from: <u>https://reporting-</u> times.com/app/uploads/2020/05/CCR_Reporting_Times_16_CH_27.pdf
- Haut S. A new kind of capitalism takes root. World Economic Forum. What if we get things right? Visions for 2030, #19. 2019 Oct 29 [accessed 2022 Jul 12]. Available

from: https://www.weforum.org/agenda/2019/10/future-predictions-what-if-get-things-right-visions-for-2030/

- Haut S. Recoupling globally through impact. Global Solutions Journal 8. 2022 Mar [accessed 2022 Jul 12]. Available from: <u>https://www.global-solutions-</u>initiative.org/wp-content/uploads/2022/03/Global-Solutions-Journal-Issue-8.pdf
- Haut S. The coming age of impact. The Reporting Times. 2021 [accessed 2022 Aug 21]. Available from: <u>https://reporting-</u>times.com/app/uploads/2021/05/CCR_Reporting_Times_18_CH_31.pdf
- Haut S. The great realignment fuelled by impact: A call for new notions of success, progress and corporate performance. Global Solutions Journal Issue 7. 2021 May [accessed 2022 Jul 12]. Available from: <u>https://www.global-solutions-initiative.org/3d-flip-book/global-solutions-journal-7-summit-2021-edition/</u>
- Haut S. ESG should embrace impact to become strategic. CCR. The Reporting Times #21/2022. 2022 Oct [accessed 2022 Nov 5]. Available from: <u>https://reporting-times.com/app/uploads/2022/10/CCR_Reporting_Times_21_CH_280922-online_13_Haut.pdf</u>
- Haut S. What is impact valuation and how can it measure the business value of social and environmental efforts? World Economic Forum. 2022 Oct 20 [accessed 2022 Nov 5]. Available from: <u>https://www.weforum.org/agenda/2022/10/impact-valuationmeasure-social-environmental-</u> <u>efforts?utm_source=linkedin&utm_medium=social_scheduler&utm_term=COP+27&</u> <u>utm_content=21/10/2022+14:15</u>
- Haut S, Edinger-Schons L. Impact valuation building a yardstick for long-term value creation. The Sustainable Business Podcast. 2022 Oct 18 [accessed 2022 Nov 5]. Available from: <u>https://anchor.fm/edinger-schons/episodes/Impact-valuation--building-a-yardstick-for-long-term-value-creation-e1pcu4h</u>
- InclusiveBusiness.net. Impact Valuation Places Stakeholders at the Heart of Sustainable Business – Interview with Ms. Sonja Haut. CLUED-iN #20. 2022 Feb [accessed 2022 Jul 12]. Available from: <u>https://www.inclusivebusiness.net/clued-in/20/article/5522</u>
- Scholz R, Albu N, Benke N, Cramer M, Ostwald D A, Haut S. The Global Economic Impact of Novartis. 2018 Sep [accessed 2022 Aug 21]. Available from: <u>https://www.wifor.com/uploads/2019/02/WifOR_Novartis_Case_Study_Global_Economic_Impact.pdf</u>
- Schurr M, Bruch M, Bonnet C, Voeste D, Heller C, Das Gupta J, Kallesoe M, Beutler M, Cassan-Barnel B, Gribaudi P M, Pollard D, Cheetham M, Haut S, Brown C, Stewart C, Abeywardana R, Savelkouls H, McGaughey T, Ritzrau W, Birnmeyer T, Prada M. Operationalizing Impact Valuation. Experiences and Recommendations by Participants of the Impact Valuation Roundtable. WBCSD. 2017 Mar [accessed 2022 Jul 10]. Available from:

https://docs.wbcsd.org/2017/04/IVR_Impact%20Valuation_White_Paper.pdf

- Seddik A H, Branner J, Helmy R, Ostwald D A, Haut S. The Social Impact of Novartis Products: Two Case Studies from South Africa and Kenya. WifOR. 2018 Aug [accessed 2022 Jul 12]. Available from: <u>https://www.wifor.com/uploads/2019/02/2018_Novartis_Social-Impact-ZA-and-Kenya_Case-Study_WifOR-4.pdf</u>
- Vionnet S, Friot D, Haut S, Adhikari R. Screening for human rights impact in corporate supply chains: A methodological proposal for quantitative assessment and

About the Author

valuation – Novartis case study. 2021 Jan 14 [updated 2021 Jan 18; accessed 2022 Jul 12]. Available from: <u>https://www.valuingnature.ch/post/measuring-human-rights-impact-in-corporates-supply-chains</u>

- Vionnet S, Haut S, Adhikari R. The Health Utility of Income and Taxes. 2021 Nov 22 [updated 2021 Dec 14; accessed 2022 Jul 12]. Available from: https://www.valuingnature.ch/post/the-utility-of-income-and-taxes
- World Economic Forum. Building Back Broader: Policy Pathways for an Economic Transformation. 2022 Jun 2 [accessed 2022 Jul 12]. Available from: <u>https://www.weforum.org/whitepapers/building-back-broader-policy-pathways-for-aneconomic-transformation</u>
- World Economic Forum. Seeking Return on ESG: Advancing the Reporting Ecosystem to Unlock Impact for Business and Society. 2019 Jan 24 [accessed 2022 Jul 12. Available from: <u>https://www.weforum.org/whitepapers/seeking-return-on-esg-advancing-the-reporting-ecosystem-to-unlock-impact-for-business-and-society</u>

Learning Objectives and Applications

The Case for Impact deepens the understanding of metrics as essential for management. Random metrics deliver random results. Impact metrics deliver impact results.

The book is modular and can be studied by chapters. It can be used in general management, strategy, organizational behavior, organizational learning, entrepreneurship, management accounting, leadership, and sustainability courses.

The sub-chapter structure per chapter is as follows:

- 1. Chapter Summary
- 2. Key Concepts and Key Words
 - including references from the book
 - pointing to key resources referenced in sub-chapter x.6.
 - this does not repeat definitions of terms used which are typically provided by the originals referenced
- 3. Learning Objectives
- 4. Assignment Questions
 - Questions marked with * focus on individual growth rather than on knowledge acquisition and deepening.
- 6. References Used in the Chapter
 - with the full list of references from the book for this chapter

0 PROLOGUE and INTRODUCTION

0.1 Chapter Summary

The Prologue provides the author's personal motivation to engage in writing the book, introducing the concept of *ikigai*. The introduction references the characterization of today's world as VUCA and explains the flow of the book chapters.

0.2 Key Concepts and Key Words

- Ikigai
 - World Economic Forum. What is ikigai and how can it transform your leadership and business for good? [updated 2022 Jan 17; accessed 2022 Jul 7]. Available from: <u>https://www.weforum.org/agenda/2022/01/ikigai-how-it-can-transform-leadershipand-business-for</u> <u>good?utm_source=linkedin&utm_medium=social_scheduler&utm_term=Davos+Ag</u> enda+2022&utm_content=19/01/2022+08:00
- VUCA
 - Wikipedia. Volatility, uncertainty, complexity and ambiguity. 2022 Dec 15 [updated 2022 June 18; accessed 2022 Jul 7]. Available
 from: <u>https://en.wikipedia.org/wiki/Volatility%2C_uncertainty%2C_complexity_and ambiguity</u>

0.3 Learning Objectives

- Understand the advantage to having a comprehensive picture of one's live, encompassing personal and professional aspects. It makes sense to be clear about one's personal and professional purpose.
- Explore and discover how it may be possible to remain optimistic and maintain agency despite the massive social and environmental challenges that we face as individuals and professionals.

0.4 Assignment Questions

- 0.4.1 How does the concept of VUCA resonate with you?
- 0.4.2 What are your sources of energy as you pursue your purpose and seek to sustain your leadership intentions?
- 0.4.3 * What does your personal *ikigai* look like?

0.5 References Used in the Chapter

- Campos C. [LinkedIn][accessed 2022 Jul 7]. Available from: <u>https://www.linkedin.com/posts/cristina-campos-a260147_novartis-co-creating-impact-</u> <u>summit-2021-activity-6896872303242936320-eQux</u>
- Wikipedia. Volatility, uncertainty, complexity and ambiguity. 2022 Dec 15 [updated 2022 June 18; accessed 2022 Jul 7]. Available

PROLOGUE and INTRODUCTION

from: https://en.wikipedia.org/wiki/Volatility%2C_uncertainty%2C_complexity_and_am_ biguity

• World Economic Forum. What is ikigai and how can it transform your leadership and business for good? [updated 2022 Jan 17; accessed 2022 Jul 7]. Available from: https://www.weforum.org/agenda/2022/01/ikigai-how-it-can-transform-leadership-and-business-for

good?utm_source=linkedin&utm_medium=social_scheduler&utm_term=Davos+Agenda +2022&utm_content=19/01/2022+08:00

1 BUSINESS DRIVERS FOR IMPACT

1.1 Chapter Summary

Chapter 1 BUSINESS DRIVERS FOR IMPACT captures the seven intrinsic motivations for businesses to engage in measuring impact:

- brand differentiation
- talent attraction and retention
- innovation
- operational efficiency
- risk mitigation
- capital access and market valuation
- theme alignment the result of a multi-stakeholder dialogue based on shared facts

It encourages understanding of what their market ecosystem is and what it might become. Relationships, and particularly trust, form the undercurrent of the dynamic, and a subsection is devoted to them.

1.2 Key Concepts and Key Words

- Measuring the business value of impact
 - Evans R, Siesfeld T. Measuring the business value of corporate social impact: Beyond social value to enterprise performance. Deloitte Insights. 2020 Jul [accessed 2022 Jul 7]. Available from: <u>https://www2.deloitte.com/content/dam/insights/us/articles/6737_measuring-business-value/DI_DR27-Measuring-corporate-impact.pdf</u>
- Trust and Reputation
 - Eccles R G, Newquist S C, Schatz R. Reputation and Its Risks. Harvard Business Review. 2007 Feb [accessed 2022 Jul 10]. Available from: <u>https://hbr.org/2007/02/reputation-and-its-risks</u>
 - Open Data Institute. The economic impact of trust in data ecosystems Frontier Economics for the ODI. 2021 Mar 9 [accessed 2022 Jul 10]. Available from: <u>https://theodi.org/article/the-economic-impact-of-trust-in-data-ecosystems-frontier-economics-for-the-odi-report/</u>
 - Haut S, Vrede B, Weger D. Building trust through inclusive ESG management. Center for Corporate Reporting. 2020 October 21 [accessed 2022 Jul 10]. Available from: <u>https://www.corporate-reporting.com/artikel/building-trust-through-inclusive-esg-</u>

management?utm_source=nl&utm_medium=nl&utm_campaign=RI202010&utm_co ntent=de

1.3 Learning Objectives

• Philanthropic engagements are easily cut back or abandoned when the going gets tough. Learn to appreciate that for an impactful intervention to be continued it has to make business sense. At some point, after a possibly extended period of time, it has to deliver on the company's performance i.e., top line, bottom line, risk management, reputation, access to capital, or theme alignment. The topic of theme alignment, also referred to as stakeholder engagement, and relevant for trust and reputation, is quintessential. There are 7 business drivers for engaging in impact:

- <u>Brand differentiation</u>. Social purpose has been shown to drive consumer decisions and enable companies to charge a price premium, leading to increased revenue.
- <u>Talent attraction and retention</u>. Alignment between company and employee values increases employee engagement, leading to improved profitability through higher productivity and cost reductions from lower turnover.
- <u>Innovation</u>. Efforts to improve the healthiness and/or environmental and social footprint of products can be an engine of innovation, spurring increased revenue from new products and new markets.
- <u>Operational efficiency</u>. Decreasing a company's footprint in packaging, water use, materials use, and waste production can yield significant cost savings.
- <u>Risk mitigation</u>. Failure to effectively address environmental and social risks can create serious financial and operational performance challenges. Social impact efforts can have important mitigation effects, resulting in avoided costs or lost revenues and higher valuations.
- <u>Capital access and market valuation</u>. Corporate social impact efforts are positively related to market valuation and cost of capital.
- <u>Trust</u>. Trust is the essence of economic activity and prospering societies. It is so basic that it is often taken for granted and overlooked. It emerges powerfully when it is lacking and missing / incomplete alignment and agreement lead to suboptimal or even destructive consequences.

1.4 Assignment Questions

- 1.4.1 Propose a simplified version of the Deloitte model
- 1.4.2 Why is it that "trust" needs to be spelled out explicitly?
- 1.4.3 The concept of trust applies to individuals and to businesses. Which are the communalities, which are the differences?
- 1.4.4 What is the link between trust and corporate reporting?

Optional questions:

- 1.4.5 Check out the Edelman Trust Barometer for your country. What did you learn? What are the implications for businesses and business leaders? Which are the implications for governments and political leaders?
- 1.4.6 What is the role of the media in your country in this context? What is the role of social media in this regard in your country?

1.5 References used in the chapter

- BBC. Shell: Netherland orders oil giant to cut emissions. 2021 May 26 [accessed 2022 Jul 7]. Available from: <u>https://www.bbc.com/news/world-europe-57257982</u>
- Cohen R. [LinkedIn][accessed 2022 Jul 10]. Available from: https://www.linkedin.com/posts/sir-ronald-cohen-437a481b3_transparency-

BUSINESS DRIVERS FOR IMPACT

impactinvesting-impactmeasurement-activity-6874697141831376896-Aa q?utm_source=linkedin_share&utm_medium=member_desktop_web

- Daniel J. Edelman Holdings, Inc. 2021 Edelman Trust Barometer. 2022 [accessed 2022 Jul 10]. Available from: <u>https://www.edelman.com/sites/g/files/aatuss191/files/2021-01/2021-edelman-trust-barometer.pdf</u>
- Degnegaard S, Eggers W D. Cocreation for impact Tackle wicked multistakeholder problems. Deloitte Insights. 2019 Nov 10 [accessed 2022 Jul 7]. Available from: <u>https://www2.deloitte.com/us/en/insights/industry/public-sector/design-thinking-cocreation.html</u>
- Eccles R G, Newquist S C, Schatz R. Reputation and Its Risks. Harvard Business Review. 2007 Feb [accessed 2022 Jul 10]. Available from: <u>https://hbr.org/2007/02/reputation-and-its-risks</u>
- Evans R, Siesfeld T. Measuring the business value of corporate social impact: Beyond social value to enterprise performance. Deloitte Insights. 2020 Jul [accessed 2022 Jul 7]. Available from:

https://www2.deloitte.com/content/dam/insights/us/articles/6737_measuring-business-value/DI_DR27-Measuring-corporate-impact.pdf

- Global Footprint Network. 2003-2022 [accessed 2022 Jul 7]. Available from: <u>https://www.footprintnetwork.org/</u>
- Grupo Argos. 2020 Integrated Report. 2021 Mar [accessed 2022 Jul 7]. Available from: <u>https://www.grupoargos.com/Portals/0/documentos/IntegratedReportGrupoArgos2020_I</u> <u>NGLES.pdf</u>
- Haut S, Vrede B, Weger D. Building trust through inclusive ESG management. Center for Corporate Reporting. 2020 October 21 [accessed 2022 Jul 10]. Available from: <u>https://www.corporate-reporting.com/artikel/building-trust-through-inclusive-esg-management?utm_source=nl&utm_medium=nl&utm_campaign=RI202010&utm_content=t=de</u>
- Lehni M. Natural Capital Protocol: Case Study for Novartis. 2017 June [accessed 2022 Jul 7]. Available from: <u>https://naturalcapitalcoalition.org/wp-content/uploads/2017/06/Case-Study-Novartis.pdf</u>
- Microsoft. Official Microsoft Blog. Microsoft will be carbon negative by 2030. 2020 Jan 16 [accessed 2022 Jul 7]. Available from: <u>https://blogs.microsoft.com/blog/2020/01/16/microsoft-will-be-carbon-negative-by-2030/</u>
- Müller M, Igarashi A, Hashiguchi K, Kappel M, Paolini F, Yoshisue H, Funakubo M, Sharma H, Okano M. The impact of omalizumab on paid and unpaid work productivity among severe Japanese cedar pollinosis (JCP) patients. J Med Econ. 2022 Jan-Dec;25(1):220-229. [accessed 2022 Jul 10]. Available from: <u>https://pubmed.ncbi.nlm.nih.gov/35072591/</u>
- Novartis. Annual Report 2015. 2016 [accessed 2022 Jul 7]. Available from: <u>https://www.novartis.com/sites/novartis_com/files/novartis-annual-report-2015-en.pdf</u>
- Open Data Institute. The economic impact of trust in data ecosystems Frontier Economics for the ODI. 2021 Mar 9 [accessed 2022 Jul 10]. Available from: <u>https://theodi.org/article/the-economic-impact-of-trust-in-data-ecosystems-frontier-economics-for-the-odi-report/</u>

BUSINESS DRIVERS FOR IMPACT

- OSRAM. The value proposition. 2018 Sept 25 [accessed 2022 Jul 10]. Available from: https://ams-osram.com/news/blog/innovation-story-the-value-proposition
- RepTrak. 2016 Global RepTrak® 100. 2016 Mar 22 [accessed 2022 Jul 7]. Available from:

https://www.rankingthebrands.com/PDF/Global%20RepTrak%20100%20Report%20201 6,%20Reputation%20Institute.pdf

- Sandle P. Hit by staff shortages, airlines and airports struggle with travel recovery. Reuters. 2022 Apr 5. [accessed 2022 Aug 6]. Available from: <u>https://www.reuters.com/world/europe/hit-by-staff-shortages-airlines-airports-struggle-with-travel-recovery-2022-04-05/</u>
- Seddik A H, Schiener C, Ostwald D A, Schramm S, Huels J, Katsarava Z. Social Impact of Prophylactic Migraine Treatments in Germany: A State-Transition and Open Cohort Approach. Value in Health. 2021 Jul 25 [accessed 2022 Jul 7]. Available from: <u>https://www.valueinhealthjournal.com/article/S1098-3015(21)01535-7/fulltext</u>
- Silten B. Are You in Relationship with the Problem? Shared Value Initiative. 2022 May 25 [accessed 2022 Jul 7]. Available from: <u>https://www.sharedvalue.org/are-you-in-relationship-with-the-problem/</u>
- The concept of "reasons to care, reasons to bond, reasons to buy" is freely adapted from what a student told me from Professor Goutam Challagalla's lecture at IMD 2022.
- The Food and Land Use Coalition. Growing Better: Ten Critical Transitions to Transform Food and Land Use. 2021 Sept [accessed 2022 Jul 10]. Available from: <u>https://www.foodandlandusecoalition.org/wp-content/uploads/2019/09/FOLU-GrowingBetter-GlobalReport.pdf</u>
- Van Oord. Accelerating the energy transition: The power of offshore wind. [accessed 2022 Jul 10]. Available from: <u>https://data.maglr.com/547/issues/2849/45757/downloads/the-power-of-offshore-wind.pdf</u>
- Walden J. Hospitality Industry Explores New Options for Staffing Crisis. HospitalityTech. 2022 Feb 28. [accessed 2022 Aug 6]. Available from: <u>https://hospitalitytech.com/hospitality-industry-explores-new-options-staffing-crisis</u>
- Wikipedia. Wicked problem. 2005 June 24 [updated 2022 Apr 10; accessed 2022 Jul 7]. Available from: <u>https://en.wikipedia.org/wiki/Wicked_problem</u>
- Winston A. How Did Business's Role in Society Change in 2020? Harvard Business Review. 2020 Dec 29 [accessed 2022 Jul 12]. Available from: <u>https://hbr.org/2020/12/how-did-businesss-role-in-society-change-in-</u> <u>2020?utm_source=feedburner&utm_medium=feed&utm_campaign=Feed%3A+harvardb</u> <u>usiness+%28HBR.org%29</u>

2 A BRIEF HISTORY OF IMPACT VALUATION IN BUSINESS

2.1 Chapter Summary

Chapter 2 A BRIEF HISTORY OF IMPACT VALUATION IN BUSINESS explores trailblazing practitioners, methodologies, and thought leaders.

2.2 Key Concepts and Key Words

- Total Impact Measurement and Management (TIMM) by PwC
 - PwC. Measuring and managing total impact: A new language for business decisions.
 2013 [accessed 2022 Jul 10]. Available from: https://www.pwc.com/gx/en/sustainability/publications/total-impact-measurement-management/assets/pwc-timm-report.pdf
- True Value by KPMG
 - KPMG. A New Vision of Value. Connecting corporate and societal value creation.
 2014 [accessed 2022 Jul 10]. Available from: https://assets.kpmg/content/dam/kpmg/pdf/2014/11/A-New-Vision-of-Value.pdf
- Doughnut Economy by Kate Raworth
 - Kate Raworth. A healthy economy should be designed to thrive, not grow.
 [YouTube] 2018 Jun 5 [accessed 2022 Jul 10]. Available from: https://www.youtube.com/watch?v=Rhcrbcg8HBw
- Participatory Learning and Action
 - Institute of development studies. Participatory Learning and Action (PLA). [accessed 2022 Jul 10]. Available from: https://www.participatorymethods.org/glossary/participatory-learning-and-action-pla
- Social Return on Investment
 - The SROI Network. A guide to Social Return on Investment. 2009 [updated 2012 Jan; accessed 2022 Jul 10]. Available from: <u>https://static1.squarespace.com/static/60dc51e3c58aef413ae5c975/t/60f7fa870f31d7</u> 7fba3d5fc9/1626864270430/The-SROI-Guide-US-edition.pdf
- Natural Capital Protocol
 - Capitals Coalition. 2022 [accessed 2022 Aug 6]. Available from: <u>https://capitalscoalition.org/</u>
 - Capitals Coalition. Case Studies. 2022 [accessed 2022 Aug 5]. Available from: https://capitalscoalition.org/impact/case-studies/?fwp_filter_tabs=case_study
- Corporate Responsibility
 - Zadek S. The Path to Corporate Responsibility. Harvard Business Review. 2014 Dec [accessed 2022 Jul 10]. Available from: <u>https://hbr.org/2004/12/the-path-to-</u> <u>corporate-responsibility</u>

2.3 Learning Objectives

Develop an understanding for the variety of concepts that impact valuation practice draws on. Appreciate how this makes the approach both more powerful and broadly applicable.

2.4 Assignment Questions

- 2.4.1 What is the role of Participatory Learning and Action (PLA) in this context?
- 2.4.2 Examine the PUMA case study in PwC's TIMM (see 2.2. Key Concepts and Key Words, first bullet; case study 2, pg. 20). What does the example deliver, what does it not deliver?
- 2.4.3 Select a case study for the application of the Natural Capital Protocol that can be linked to the "Social Return on Investment" concept. How could it be interpreted as an example of Participatory Learning and Action? What does it mean for a company's path to corporate responsibility?

2.5 References Used in this Chapter

- AkzoNobel. Report 2014. 2015 [accessed 2022 Jul 10]. Available from: <u>https://report.akzonobel.com/2014/ar/case-studies/sustainable-business/measuring-our-impact-in-4d.html</u>
- Balch O. There is no doubt that Puma's environmental profit and loss accounting is the most interesting thing to hit non-financial reporting for years, but it's still not perfect. Reuters. 2012 Nov 6. [accessed 2022 Jul 10]. Available from: https://www.reutersevents.com/sustainability/communications-reporting/analysis-pumas-epl-accounts-be-reckoned
- Capitals Coalition. 2022 [accessed 2022 Aug 6]. Available from: https://capitalscoalition.org/
- Capitals Coalition. Case Studies. 2022 [accessed 2022 Aug 5]. Available from: https://capitalscoalition.org/impact/case-studies/?fwp_filter_tabs=case_study
- Economics of Mutuality. [accessed 2022 Jul 10]. Available from: <u>https://eom.org/</u>
- Elkington, J. Measuring Business Excellence: Accounting for the triple bottom line. MCB UP Ltd. 1998 Mar 1 [accessed 2022 Jul 10]. Available from: <u>https://www.emerald.com/insight/content/doi/10.1108/eb025539/full/html</u>
- Holcim. [accessed 2022 Jul 10]. Available from: https://www.holcim.com/sustainability-reports
- Institute of development studies. Participatory Learning and Action (PLA). [accessed 2022 Jul 10]. Available from: https://www.participatorymethods.org/glossary/participatory-learning-and-action-pla
- Kate Raworth. [accessed 2022 Jul 10]. Available from: https://www.kateraworth.com/#
- Kate Raworth. A healthy economy should be designed to thrive, not grow. [YouTube] 2018 Jun 5.[accessed 2022 Jul 10]. Available from: https://www.youtube.com/watch?v=Rhcrbcg8HBw
- Kering. 2022 [accessed 2022 Jul 10]. Available from: https://www.kering.com/en/sustainability/measuring-our-impact/our-ep-l/methodology
- Kering. Our EP&L. [accessed 2022 Jul 10]. Available from: https://www.kering.com/en/sustainability/measuring-our-impact/our-ep-l/
- Kering. Why develop an EP&L? [accessed 2022 Jul 10]. Available from: <u>https://www.kering.com/en/sustainability/measuring-our-impact/our-ep-l/why-develop-an-ep-l/</u>

A BRIEF HISTORY OF IMPACT VALUATION IN BUSINESS

- KPMG. A New Vision of Value. Connecting corporate and societal value creation. 2014 [accessed 2022 Jul 10]. Available from: <u>https://assets.kpmg/content/dam/kpmg/pdf/2014/11/A-New-Vision-of-Value.pdf</u>
- KPMG. True Value Services [accessed 2022 Jul 10]. Available from: <u>https://home.kpmg/xx/en/home/services/advisory/risk-consulting/internal-audit-risk/sustainability-services/kpmg-true-value-services.html</u>
- Mariana Mazzucato. [accessed 2022 Jul 10]. Available from: https://marianamazzucato.com/
- Oxford University Environmental Change Institute. [accessed 2022 Jul 10]. Available from: <u>https://www.eci.ox.ac.uk/research/food/</u>
- PUMA. PUMA completes first environmental profit and loss account which values impacts at €145 Million. 2011 Nov 16 [accessed 2022 Jul 10]. Available from: <u>https://about.puma.com/en/newsroom/corporate-news/2011/11-16-11-first-environmental-profit-and-loss</u>
- PwC. Measuring and managing total impact: A new language for business decisions. 2013 [accessed 2022 Jul 10]. Available from: <u>https://www.pwc.com/gx/en/sustainability/publications/total-impact-measurement-management/assets/pwc-timm-report.pdf</u>
- S&P Global. [accessed 2022 Jul 10]. Available from: https://www.spglobal.com/esg/csa/about/
- Schurr M, Bruch M, Bonnet C, Voeste D, Heller C, Das Gupta J, Kallesoe M, Beutler M, Cassan-Barnel B, Gribaudi P M, Pollard D, Cheetham M, Haut S, Brown C, Stewart C, Abeywardana R, Savelkouls H, McGaughey T, Ritzrau W, Birnmeyer T, Prada M. Operationalizing Impact Valuation. Experiences and Recommendations by Participants of the Impact Valuation Roundtable. WBCSD. 2017 Mar [accessed 2022 Jul 10]. Available from:

https://docs.wbcsd.org/2017/04/IVR_Impact%20Valuation_White_Paper.pdf

- Schwab K, Kroos H. Modern Company Management in Mechanical Engineering. VDMA. 1971 [accessed 2022 Jul 10]. Available from: <u>https://www3.weforum.org/docs/WEF_KSC_CompanyStrategy_Presentation_2014.pd</u> <u>f</u>
- Serafeim G, Dessain V, Fuglsang Hjortshoej M. Sustainable Product Management at Solvay. Harvard Business Review. Harvard Business School Case 120-081. 2020 Feb 19 [accessed 2022 Jul 10]. Available from: <u>http://hbr.org/product/Sustainable-Product-Manag/an/120081-PDF-ENG</u>
- Serafeim G, Zochowski T R, Downing J. Impact-Weighted Financial Accounts: The Missing Piece for an Impact Economy. Harvard Business School. 2019 [accessed 2022 Jul 10]. Available from: <u>https://www.hbs.edu/impact-weighted-accounts/Documents/Impact-Weighted-Accounts-Report-2019.pdf?csf=1&web=1&e=lPlu7D</u>
- Social Value International. [accessed 2022 Jul 10]. Available from: https://www.socialvalueint.org/what-is-social-value
- Social Value UK. [accessed 2022 Jul 10]. Available from: <u>https://socialvalueuk.org/staff/j-nicholls/</u>
- Solvay. Sustainable Portfolio Management Guide. Driving long-term sustainable growth. 2021 [accessed 2022 Jul 10]. Available from: https://www.solvay.com/sites/g/files/srpend221/files/2021-01/SolvaySPM-v10.pdf

A BRIEF HISTORY OF IMPACT VALUATION IN BUSINESS

- The SROI Network. A guide to Social Return on Investment. 2009 [updated 2012 Jan; accessed 2022 Jul 10]. Available from: <u>https://static1.squarespace.com/static/60dc51e3c58aef413ae5c975/t/60f7fa870f31d77f</u> <u>ba3d5fc9/1626864270430/The-SROI-Guide-US-edition.pdf</u>
- True Price. [accessed 2022 Jul 10]. Available from: <u>https://trueprice.org/</u>
- True Price. 2012-2020 [accessed 2022 Jul 10]. Available from: https://trueprice.org/consumer/
- Vionnet S, Couture J-M. Measuring Value Towards New Metrics and Methods. 2015 Apr [2022 Jul 10]. Available from: <u>https://www.nestle.com/sites/default/files/asset-library/documents/creating-shared-value/nestle-measuring-value-2015.pdf</u>
- W.K. Kellogg Foundation. Logic Model Development Guide. [updated 2004 Jan; accessed 2022 Jul 10]. Available from: <u>https://www.naccho.org/uploads/downloadable-resources/Programs/Public-Health-Infrastructure/KelloggLogicModelGuide_161122_162808.pdf</u>
- Weiss C H, Connell J P. Nothing as Practical as Good Theory: Exploring Theory-Based Evaluation for Comprehensive Community Initiatives for Children and Families. The Aspen Institute. 1995 [accessed 2022 Jul 10]. Available from: <u>https://www.scirp.org/(S(czeh2tfqyw2orz553k1w0r45))/reference/referencespapers.as</u> <u>px?referenceid=2061273</u>
- World Economic Forum. Davos Manifesto 1973: A Code of Ethics for Business Leaders. 2019 Dec 2 [accessed 2022 Jul 10]. Available from: <u>https://www.weforum.org/agenda/2019/12/davos-manifesto-1973-a-code-of-ethics-for-business-leaders/</u>
- Zadek S. The Path to Corporate Responsibility. Harvard Business Review. 2014 Dec [accessed 2022 Jul 10]. Available from: <u>https://hbr.org/2004/12/the-path-to-corporate-responsibility</u>

3 DIFFERENT SCENARIOS – ONE APPROACH TO IMPACT

3.1 Chapter Summary

Chapter 3 DIFFERENT SCENARIOS – ONE APPROACH TO IMPACT VALUATION illustrates the seven business drivers outlined in chapter 1 with concrete examples from businesses in different industries and different geographies.

3.2 Key Concepts and Key Words

- Financial profit and loss
- Total Impact Measurement and Management by PwC
- True Value by KPMG

3.3 Learning Objectives

Understand why it makes good business sense for businesses to engage in impact valuation. Show how companies which have done so benefited substantially. Apply the framework introduced in Chapter 2 – seven business drivers to create impact.

3.4 Assignment Questions

- 3.4.1 What is the definition of impact provided by the G7 ITF? Why does it matter to have a definition?
- 3.4.2 Which examples of impact valuation driving sales, reducing costs, managing risks, creating a market, engaging with stakeholders did you find most surprising? Which ones did you find most convincing? Why?
- 3.4.3 How would you get started applying impact valuation in your company or your line of business?

3.5 References Used in the Chapter

- Abe, M C. Como a Natura criou uma metodologia pioneira para medir impacto. Época Negócios. UmSóPlaneta. 2022 Aug 4 [accessed 2022 Aug 5]. Available from: <u>https://umsoplaneta.globo.com/financas/negocios/noticia/2022/08/04/como-a-naturacriou-uma-metodologia-pioneira-para-medir-impacto.ghtml</u>
- Adams R, Nicholls J. Generation Impact International Perspectives on Impact Accounting. Emerald Publishing. 2021 [accessed 2022 Jul 10]. Available from: <u>https://www.emerald.com/insight/publication/doi/10.1108/9781789739299</u>
- BASF. Value to Society. 2022 [accessed 2022 Aug 2]. Available from: <u>https://www.basf.com/global/en/who-we-are/sustainability/we-drive-sustainable-solutions/quantifying-sustainability/value-to-society.html</u>
- Buchholz H, Eberle T, Klevesath M, Jürgens A, Beal D, Baic A, Radeke J. Forward Thinking for Sustainable Business Value: A New Method for Impact Valuation. MDPI. 2020 Oct 13 [accessed 2022 Jul 12]. Available from: <u>https://www.mdpi.com/2071-1050/12/20/8420</u>

DIFFERENT SCENARIOS – ONE APPROACH TO IMPACT

- Evonik. Responsibility 2020 [accessed 2022 Jul 10]. Available from: https://corporate.evonik.com/en/responsibility/impact-valuation-153539.html
- G7 Impact Taskforce. Financing a better world requires impact transparency, integrity and harmonization. 2021 [accessed 2022 Jul 12]. Available from: <u>https://www.impact-taskforce.com/media/io5ntb41/workstream-a-report.pdf</u>
- Heller C, Beagent T, Ellis J, Kim K. How impact valuation can inform management decisions. Responsible Business Forum. The Economics of Mutuality. Report 2019. Oxford University Saïd Business School. 2019 [accessed 2022 Aug 2]. Available from: <u>https://www.sbs.ox.ac.uk/sites/default/files/2019-09/RES-</u>0065%20Responsible%20Business%20Forum%20report_190904_Digital%20-%20FINAL.pdf
- Holcim. Integrated Profit & Loss Statement 2020. [accessed 2022 Jul 12]. Available from: <u>55992 lafargeholcim 2020 ipl statement aw2 final.pdf</u>
- Impact Institute. Alliander Integrated Profit & Loss Account. 2022 [accessed 2022 Jul 12]. Available from: <u>https://www.impactinstitute.com/portfolio-items/alliander/</u>
- Ji-hyoung S. SK assesses W18tr of social value created. Korea Herald. 2022 May 23 [accessed 2022 Jul 10]. Available from: <u>https://m-koreaherald-</u> com.cdn.ampproject.org/c/m.koreaherald.com/amp/view.php?ud=20220523000716
- KPMG. Building the case for innovative animal feeds. 2020 Jan [accessed 2022 Jul 10]. Available from: <u>https://assets.kpmg/content/dam/kpmg/ch/pdf/building-the-case-for-innovative-animal-feeds.pdf</u>
- KPMG. How KPMG True Value helped build the case for electric buses. 2015 Sept [accessed 2022 Jul 12]. Available from: <u>https://assets.kpmg/content/dam/kpmg/pdf/2015/10/volvo-group-kpmg-true-value-case-study.pdf</u>
- KPMG. KPMG True Value Case Study Holcim/Ambuja Cement Ltd. 2015 Mar [accessed 2022 Jul 12]. Available from: https://assets.kpmg/content/dam/kpmg/pdf/2015/06/holcim-ambuja.pdf
- KPMG. KPMG True Value Case Study NS (Dutch Railways). 2015 Mar [accessed 2022 Jul 12]. Available from: <u>https://assets.kpmg/content/dam/kpmg/pdf/2015/06/ns-dutch-railways.pdf</u>
- Lindéngruppen. Integrated Annual and Sustainability Report 2021. 2022 Apr 12 [accessed 2022 Jul 12]. Available from: <u>https://uploads-</u> ssl.webflow.com/5b111856881083479880dc6c/628b51c32538036929c8f35a_Lindengru ppen%20Integrated%20Annual%20and%20Sustainability%20Report%202021.pdf
- Melajoki T. Measuring and valuing impacts. UPM. 2022 Mar 17 [accessed 2022 Jul 12]. Available from: <u>https://www.upm.com/articles/responsibility/22/measuring-and-valuing-impacts/</u>
- Natura. Management by Impact IP&L. 2022 [accessed 2022 Jul 12]. Available from: <u>https://ri.naturaeco.com/en/gestao-por-impacto-ipl/</u>
- PwC. Measuring and managing total impact: A new language for business decisions. Case study 4. 2013 [accessed 2022 Jul 12]. Available from: <u>https://www.pwc.com/gx/en/sustainability/publications/total-impact-measurement-management/assets/pwc-timm-report.pdf</u>

DIFFERENT SCENARIOS - ONE APPROACH TO IMPACT

- PwC. Measuring and managing total impact: A new language for business decisions. Case study 1. 2013 [accessed 2022 Jul 12]. Available from: <u>https://www.pwc.com/gx/en/sustainability/publications/total-impact-measurement-management/assets/pwc-timm-report.pdf</u>
- PwC. St Giles Trust Turning societal liabilities into social assets. 2016 [accessed 2022 Jul 12]. Available from: <u>https://www.pwc.co.uk/sustainability-climate-change/assets/st-giles-trust-report.pdf</u>
- PwC. The Travel Foundation and TUI Group assessing the total impact of tourism. 2015-2022 [accessed 2022 Jul 12]. Available from: <u>https://www.pwc.co.uk/services/sustainability-climate-change/total-impact/case-studies-impact-in-action/the-travel-foundation-and-tui-group.html</u>
- PwC. Valuing our total impact our results in detail. 2015-2022 [accessed 2022 Jul 12]. Available from: <u>https://www.pwc.co.uk/who-we-are/our-purpose/performance/valuing-our-total-impact.html</u>
- Schurr M, Bruch M, Bonnet C, Voeste D, Heller C, Das Gupta J, Kallesoe M, Beutler M, Cassan-Barnel B, Gribaudi P M, Pollard D, Cheetham M, Haut S, Brown C, Stewart C, Abeywardana R, Savelkouls H, McGaughey T, Ritzrau W, Birnmeyer T, Prada M. Operationalizing Impact Valuation. Experiences and Recommendations by Participants of the Impact Valuation Roundtable. WBCSD. 2017 Mar [accessed 2022 Jul 10]. Available from:

https://docs.wbcsd.org/2017/04/IVR_Impact%20Valuation_White_Paper.pdf

- SGS. Value to Society 2022 [accessed 2022 Jul 10]. Available from: <u>https://www.sgs.com/en/our-company/corporate-sustainability/value-to-society</u>
- Syngenta. Multifunctional Field Margins Assessing the benefits for nature, society and business. 2018 Apr [accessed 2022 Jul 12]. Available from: <u>https://www.syngenta.com/sites/syngenta/files/sustainability/the-good-growth-plan/operation-pollinator/MFFM-Assessing-the-benefits-for-nature-society-and-business.pdf</u>
- The Crown Estate. Total Contribution Report 2017. [accessed 2022 Jul 10]. Available from: <u>https://www.thecrownestate.co.uk/media/1692/total-contribution-report-2017.pdf</u>
- Value Balancing Alliance. [accessed 2022 Jul 10]. Available from: <u>https://www.value-balancing.com/</u>
- Vodafone Netherlands. Environmental Profit and Loss Methodology and Results. 2014/15 [accessed 2022 Jul 12]. Available from: environmental profit and loss account 2014_2015.pdf (vodafone.nl)
- World Economic Forum. The walls can be built in just 12 hours. [LinkedIn][accessed 2022 Jul 12]. Available from: <u>https://www.linkedin.com/posts/world-economic-forum_the-walls-can-be-built-in-just-12-hours-activity-6938882116302598146-W2mf?utm_source=linkedin_share&utm_medium=member_desktop_web</u>
- Yanagi R. Eisais's ESG Investments. SF Magazine. 2021 May 1 [accessed 2022 Jul 12]. Available from: <u>https://sfmagazine.com/post-entry/may-2021-eisais-esg-investments/</u>

4 GETTING STARTED WITH IMPACT VALUTION

4.1 Chapter Summary

Chapter 4 GETTING STARTED WITH IMPACT VALUATION offers a tangible definition of impact and proposals how a business can gradually and pragmatically adopt the impact valuation practice.

4.2 Key Concepts and Key Words

- Value Balancing Alliance
- Impact Valuation

4.3 Learning Objectives

It makes good business sense for businesses to engage in impact valuation. Companies which have done so benefited substantially. However, seeing the final product – irrespective whether it is delivered as a report, narrative, speech, message, or in any other form – does not answer the question how to get started. There are three pathways to get started with the practice – pragmatically, in an exploratory manner, or strategically. The strategic approach is discussed in the separate chapter 7, this chapter focuses on the exploratory and pragmatic approaches.

4.4 Assignment Questions

- 4.4.1 What are the benefits of an exploratory approach?
- 4.4.2 How does jump-starting the practice by quickly delivering impact valuation figures help? What is it that it cannot deliver?

4.5 References Used in the Chapter

- Albu N, Zubrzycki K, Scholz R, Ostwald D A, Somweber K, Haut S. Direct Gross Value Added Calculation Method. WifOR. 2020 Sep 1 [accessed 2022 Jul 12]. Available from: <u>https://www.wifor.com/uploads/2021/03/Case_Study_Novartis_WifOR_Direct_Gross_V</u> <u>alue_Added.pdf</u>
- Benke N, Scholz R, Albu N, Cramer M, Ostwald D A, Haut S, Kessler D. The Environmental Impact of Novartis Along Global Supply Chains. 2018 Jul 11 [accessed 2022 Jul 12]. Available from: <u>https://www.wifor.com/uploads/2019/02/2018_Case_Study_Novartis_Global_Envi</u> ronmental-Impact_WifOR.pdf
- Eyrich N W, Quinn R E, Fessell D P. How One Person Can Change the Conscience of an Organization. Harvard Business Review. 2019 Dec 27 [accessed 2022 Jul 12]. Available from: <u>https://hbr.org/2019/12/how-one-person-can-change-the-conscience-of-an-organization?utm_medium=social&utm_campaign=hbr&utm_source=LinkedIn&tpcc=orgsocial_edit</u>
- G7 Impact Taskforce. Financing a better world requires impact transparency, integrity and harmonization. 2021 [accessed 2022 Jul 12]. Available from: <u>https://www.impact-taskforce.com/media/io5ntb41/workstream-a-report.pdf</u>

GETTING STARTED WITH IMPACT VALUTION

- Harvard Medical School. Gum disease linked to an increased risk in cancer. Harvard Health Publishing. 2020 Oct 1 [accessed 2022 Jul 12]. Available from: <u>https://www.health.harvard.edu/cancer/gum-disease-linked-to-an-increased-risk-for-cancer</u>
- How to start a movement? Leadership lessons from Dancing Guy. [YouTube] 2010 Oct 29 [accessed 2022 Jul 12]. Available from: https://www.youtube.com/watch?v=lbaemWIIjeQ
- Jope A. We're ensuring every worker in our supply chain earns a living wage. This is why. World Economic Forum. 2021 Jan 21 [accessed 2022 Jul 12]. Available from: https://www.weforum.org/agenda/2021/01/this-is-why-were-ensuring-every-worker-in-our-supply-chain-earns-a-living-wage/
- Novartis Greece. Novartis for the Greek society Corporate Responsibility Report 2018-2019. 2020 [accessed 2022 Jul 12]. Available from: <u>https://www.novartis.gr/sites/www.novartis.gr/files/NOVARTIS_CSR_2018-2019_F_%C2%A0SP_%28GR2009860682%29.pdf</u>
- Novartis Italy. Il Settore Salute fa crescere l'Italia: dallo Studio di The European House Ambrosetti, il contributo economico e sociale di Novartis allo sviluppo del Paese. 2018 Nov 22 [accessed 2022 Jul 12]. Available from: <u>https://www.novartis.it/news/il-settore-salute-fa-crescere-italia</u>
- Novartis South Africa. Novartis brings over US\$149 million GDP benefits to SA. 2018 June 5 [accessed 2022 Jul 12]. Available from: <u>https://www.novartis.co.za/news/media-releases/novartis-brings-over-us149-million-gdp-benefits-sa</u>
- Novartis. Novartis Access 2017 Two-Year Report. 2018 [accessed 2022 Jul 12]. Available from: <u>https://www.novartis.com/media-library/novartis-access-two-year-report</u>
- Novartis. Novartis in Society Integrated Report 2021. 2022 [accessed 2022 Jul 12]. Available from: <u>https://www.reporting.novartis.com/2021/novartis-in-society.html</u>
- Novartis. Social, Environmental and Economic Impact Valuation. 2021 Feb 10 [YouTube][accessed 2022 Jul 12]. Available from: <u>https://www.youtube.com/watch?v=KvdTRkS_Ek0&list=PL6YfpI0VEjhsIjA0_xaQm2p_Gi9tv3x5v2</u>
- PwC. Measuring and managing total impact: A new language for business decisions. Page 12. 2013 [accessed 2022 Jul 10]. Thank you, Tom! Available from: https://www.pwc.com/gx/en/sustainability/publications/total-impact-measurementmanagement/assets/pwc-timm-report.pdf
- Rockers P C, Laing R O, Ahigbie P G, Onyango M A, Mukiira C K, Wirtz V J. Effect of Novartis Access on availability and price of non-communicable disease medicines in Kenya: a cluster-randomised controlled trial. The Lancet Global Health. 2019 Feb 21 [accessed 2022 Jul 12]. Available from: https://www.thelancet.com/journals/langlo/article/PIIS2214-109X(18)30563-1/fulltext
- Schiener C, Störzel M, Maro J, Ostwald D A. Social Impact of innovative medicines a systematic approach to capture the societal and macroeconomic dimension of medicines. WifOR. 2021 June [accessed 2022 Jul 12]. Available from: https://www.wifor.com/uploads/2021/12/Social_Impact_of_Innovative_Medicines-3.pdf
- Seddik A H, Branner J, Helmy R, Ostwald D A, Haut S. The Social Impact of Novartis Products: Two Case Studies from South Africa and Kenya. 2018 Aug [accessed 2022 Jul

GETTING STARTED WITH IMPACT VALUTION

12]. Available from: <u>https://www.wifor.com/uploads/2019/02/2018_Novartis_Social-Impact-ZA-and-Kenya_Case-Study_WifOR-4.pdf</u>

- The Oxford Economics of Mutuality Virtual Forum. Claus Aagaard starting at 1:36:05, quote at 1:44:00 [YouTube] 2020 Sept 10 [accessed 2022 Jul 12]. Available from: https://www.youtube.com/watch?time_continue=7014&v=6jDGkWSYJ5Y&feature=em b_logo
- Value Balancing Alliance. [accessed 2022 Jul 10]. Available from: <u>https://www.value-balancing.com/</u>
- Value Balancing Alliance. The practical part: How our members are testing our methodology. 2021 May 12 [accessed 2022 Jul 12]. Available from: <u>https://www.value-balancing.com/en/our-work/piloting-results.html</u>
- Valuing Impact. The Value of Money. 2018 Jul 20 [updated 2021 Nov 22; accessed 2022 Jul 12]. Available from: <u>https://www.valuingnature.ch/post/2018/07/20/valuing-the-impact-of-wages-on-human-capital</u>
- Valuing Impact. The Value of Money. 2018 Jul 20 [updated 2021 Nov 22; accessed 2022 Jul 12]. Available from: https://www.valuingnature.ch/post/2018/07/20/valuing-the-impact-of-wages-on-human-capital https://www.valuingnature.ch/post/2018/07/20/valuing-the-impact-of-wages-on-human-capital
- Vionnet S, Friot D, Haut S, Adhikari R. Screening for human rights impact in corporate supply chains: A methodological proposal for quantitative assessment and valuation Novartis case study. 2021 Jan 14 [updated 2021 Jan 18; accessed 2022 Jul 12]. Available from: <u>https://www.valuingnature.ch/post/measuring-human-rights-impact-in-corporates-supply-chains</u>
- Vionnet S, Friot D, Haut S, Adhikari R. Screening for human rights impact in corporate supply chains: A methodological proposal for quantitative assessment and valuation Novartis case study. 2021 Jan 14 [updated 2021 Jan 18; accessed 2022 Jul 12]. Available from: <u>https://www.valuingnature.ch/post/measuring-human-rights-impact-in-corporates-supply-chains</u>
- Vionnet S, Pollard D. Social Impact Valuation A social impact model of employment and Nestlé case study. 2017 Jan [accessed 2022 Jul 12]. Available from: <u>https://www.nestle.com/sites/default/files/asset-library/documents/creating-shared-value/social-impact-valuation-white-paper-2017.pdf</u>
- Weick K E. Sensemaking in Organizations. SAGE. 1995 May [accessed 2022 Jul 12]. Available from: https://us.sagepub.com/en-us/nam/sensemaking-inorganizations/book4988
- WifOR. From traditional reporting to the Value of Impacts: Novartis' Impact Valuation. [accessed 2022 Jul 12]. Available from: <u>https://insights.wifor.com/en/from-traditional-reporting-to-the-value-of-impacts-novartis-impact-valuation</u>

5.1 Chapter Summary

Chapter 5 INTEPRETING IMPACT comes with the six most obvious lenses through which impact results can be assessed for tangible sense-making. The expected outcome of the process is an appreciation of the business's impact profile, and a new understanding of its strengths and weaknesses. Three of these lenses are illuminated by real-life business examples.

5.2 Key Concepts and Key Words

- Materiality Assessment
 - FAZ Institut. The Novartis Materiality Assessment Toolkit. [accessed 2022 Jul 12]. Available from: <u>https://www.faz-institut.de/plattformen/verantwortung1/materiality/</u>
 - Garst J, Beanland A, Tähtinen J. The reality of materiality: Insights from real-world applications of ESG materiality assessments. 2021 June [accessed 2022 Jul 12]. Available from: <u>https://www.eur.nl/en/media/2021-06-reality-materialityfinal-wbcsd-ese-2021</u>
- Macro economy
- Systems thinking
- NOT INCLUDED is how impact valuation results could be interpreted from the point of view of <u>GRI</u> guidance

5.3 Learning Objectives

Internalize the fact that, like with all data points, also impact valuation results do not speak for themselves: Data always requires interpretation and contextualization. Appreciate that none of the 6 contexts presented in the book – materiality assessment, risk, economy, national targets, value chain, system – is per se better or worse than another; instead, each contextualization can reveal additional facets of insights. What could the steps be towards the choice of an interpretation or context?

5.4 Assignment Questions

- 5.4.1 How is the interpretation of impact statements the same as the interpretation of financial statements? How are the two different?
- 5.4.2 Which 3 (of the 6) contextualizations come most naturally to you, and why? Provide a sequence of preference for the 3. Then pick one and apply it to your own business / line of business.
- 5.4.3 Which questions come to mind? Which insights did you derive from this theoretical exercise?
- 5.4.4 * Which context area is hardest for you to grasp? List all elements that hinder your understanding (minimum 5).

5.5 References Used in the Chapter

- Benke N, Scholz R, Albu N, Cramer M, Ostwald D A, Haut S, Kessler D. The Environmental Impact of Novartis Along Global Supply Chains. WifOR. 2018 Jul 11 [accessed 2022 Jul 12]. Available from: <u>https://www.wifor.com/uploads/2019/02/2018_Case_Study_Novartis_Global_Environme</u> <u>ntal-Impact_WifOR.pdf</u>
- Bundesministerium für Wirtschaft und Energie (BMWi). Daten 2020 Ergebnisse der Gesundheitswirtschaftlichen Gesamtrechnung. 2021 Oct [accessed 2022 Jul 12]. Available from:

 $\label{eq:https://www.bmwk.de/Redaktion/DE/Publikationen/Wirtschaft/gesundheitswirtschaft-fakten-und-zahlen-2020.pdf?_blob=publicationFile&v=16$

- Calace D. Double and Dynamic: Understanding the Changing Perspectives on Materiality. SASB. 2020 Sept 2 [accessed 2022 Jul 12]. Available from: <u>https://www.sasb.org/blog/double-and-dynamic-understanding-the-changing-perspectives-on-materiality/</u>
- CDP. World's biggest companies face \$1 trillion in climate change risks. 2019 June 4 [accessed 2022 Jul 12]. Available from: <u>https://www.cdp.net/en/articles/media/worlds-biggest-companies-face-1-trillion-in-climate-change-risks</u>
- Datamaran. Materiality Definition: The Ultimate Guide. 2022 [accessed 2022 Jul 12]. Available from: https://www.datamaran.com/materiality-definition/
- European Commission. Just and sustainable economy: Commission lays down rules for companies to respect human rights and environment in global value chains. 2022 Feb 23 [accessed 2022 Jul 12]. Available from: https://ec.europa.eu/commission/presscorner/detail/en/ip_22_1145
- European Commission. Nature and Biodiversity. Business @ Biodiversity. 2022 Jul 8 [accessed 2022 Aug 6]. Available from : https://ec.europa.eu/environment/biodiversity/business/align/index_en.htm
- European Commission. The 3% objective: brief history. [accessed 2022 Jul 12]. Available from: https://ec.europa.eu/invest-in-research/action/history_en.htm
- FAZ Institut. The Novartis Materiality Assessment Toolkit. [accessed 2022 Jul 12]. Available from: <u>https://www.faz-institut.de/plattformen/verantwortung1/materiality/</u>
- Garst J, Beanland A, Tähtinen J. The reality of materiality: Insights from real-world applications of ESG materiality assessments. 2021 June [accessed 2022 Jul 12].

Available from: <u>https://www.eur.nl/en/media/2021-06-reality-materialityfinal-wbcsd-ese-2021</u>

- GRI. Materiality and topic boundary. 2022 [accessed 2022 Jul 12]. Available from: <u>https://www.globalreporting.org/how-to-use-the-gri-standards/questions-and-answers/pre-2021-gri-standards-system-faq/materiality-and-topic-boundary/</u>
- Grupo Argos. Investments that transform. 2020 Integrated Report. 2021 [accessed 2022 Jul 12]. Available from: <u>https://www.grupoargos.com/Portals/0/documentos/IntegratedReportGrupoArgos2020_I</u> <u>NGLES.pdf</u>
- Harrison G. Sustainable investing expert Alison Taylor on ESG misconceptions and why ethics are part of the equation. Greenbiz. 2022 Apr 18 [accessed 2022 Aug 6]. Available from: <u>https://www.greenbiz.com/article/sustainable-investing-expert-alison-taylor-esg-misconceptions-and-why-ethics-are-part</u>
- Hoffmann A. [LinkedIn][accessed 2022 Jul 12]. Available from: https://www.linkedin.com/posts/andr%C3%A9-hoffmann-1a357522_how-mandatory-human-rights-and-environmental-activity-6900773405822459904- O5NI?utm_source=linkedin_share&utm_medium=member_desktop_web
- Hoffmann A. How mandatory human rights and environmental due diligence can create a sustainable future. World Economic Forum. 2022 Feb 18 [accessed 2022 Jul 12]. Available from: <u>https://www.weforum.org/agenda/2022/02/good-corporate-governance-and-a-sustainable-future-the-role-of-mandatory-human-rights-and-environmental-due-diligence/</u>
- Holcim. Green building solutions. 2022 [accessed 2022 Jul 12]. Available from: https://www.holcim.com/what-we-do/green-building-solutions
- Holcim. Integrated Profit & Loss Statement. Annual results and assumptions 2020. [accessed 2022 Jul 12]. Available from: <u>https://www.holcim.com/sites/holcim/files/2022-04/55992_lafargeholcim_2020_ipl_statement_aw2_final.pdf</u>
- Khan M N, Serafeim G. Corporate Sustainability: First Evidence on Materiality. Harvard Business School Working Paper 15-073. 2015 Mar [accessed 2022 Jul 12]. Available from https://dash.harvard.edu/handle/1/14369106
- Lord S. Valuing the impact of food: Towards practical and comparable monetary valuation of food system impacts. Global Alliance for the Future of Food. 2020 May [accessed 2022 Jul 12]. Available from: <u>https://foodsivi.org/wp-content/uploads/2020/06/Valuing-the-impact-of-food-Report_Foodsivi.pdf</u>
- McFeely S, Wigert B. This Fixable Problem Costs U. S. Businesses \$1 Trillion. Gallup. 2019 Mar 13 [accessed 2022 Jul 12]. Available from: <u>https://www.gallup.com/workplace/247391/fixable-problem-costs-businesses-trillion.aspx</u>
- Neustark. 2021 [accessed 2022 Jul 12]. Available from: <u>https://www.neustark.com/</u>
- Novartis Italy. Il Settore Salute fa crescere l'Italia: dallo Studio di The European House Ambrosetti, il contributo economico e sociale di Novartis allo sviluppo del Paese. 2018 Nov 22 [accessed 2022 Jul 12]. Available from: <u>https://www.novartis.it/news/il-settore-salute-fa-crescere-italia</u>
- Novartis Materiality Assessment Webinar Series. What strategic value can materiality assessments deliver in the future? 2018 Aug 17 [accessed 2022 Jul 12]. Available from:

https://www.kaltura.com/index.php/extwidget/preview/partner_id/2076321/uiconf_id/454 40421/entry_id/1_17jc5xos/embed/dynamic?

- Novartis. Impact Valuation: Social Impact of Living Wages. 2021 Feb 2
 [YouTube][accessed 2022 Aug 6]. Available from :
 https://www.youtube.com/watch?v=RNduqBsIy14&list=PL6YfpI0VEjhsIjA0_xaQm2pG
 https://www.youtube.com/watch?v=RNduqBsIy14&list=PL6YfpI0VEjhsIjA0_xaQm2pG
 https://www.youtube.com/watch?v=RNduqBsIy14&list=PL6YfpI0VEjhsIjA0_xaQm2pG

- Novartis. Measuring and valuing our impact. Novartis in Society Integrated Report 2021. 2022 Jan [accessed 2022 Jul 12]. Available from: <u>https://www.reporting.novartis.com/2021/novartis-in-society/our-approach/how-we-create-value/measuring-and-valuing-our-impact.html?q=impact%20valuation</u>
- Novartis. Measuring and valuing our impact. Novartis in Society Integrated Report 2021. 2022 Jan [accessed 2022 Jul 12]. Available from: <u>https://www.reporting.novartis.com/2021/novartis-in-society/our-approach/how-we-create-value/measuring-and-valuing-our-impact.html?q=impact%20valuation</u>
- Novartis. Our 2021 materiality assessment. Novartis in Society Integrated Report 2021. 2022 [accessed 2022 Jul 12]. Available from: <u>https://www.reporting.novartis.com/2021/novartis-in-society/our-approach/our-2021-materiality-assessment.html</u>
- OECD. Health at a Glance Europe 2016: How does Germany compare? 2016 Nov 23 [accessed 2022 Jul 12]. Available from: <u>https://www.oecd.org/health/health-</u> systems/Health-at-a-Glance-EUROPE-2016-Briefing-Note-GERMANY.pdf /
- OECD. Measuring Well-being and Progress: Well-being Research. [accessed 2022 Aug 6]. Available from: <u>https://www.oecd.org/wise/measuring-well-being-and-progress.htm</u>
- Ostwald D A, Henke K-D, Kim. Vom Satellitenkonto zur gesundheitswirtschaftlichen Gesamtrechnung. BMWK. 2014 Jul 7 [accessed 2022 Jul 12]. Available from: <u>https://www.bmwk.de/Redaktion/DE/Downloads/I/Pr%C3%A4sentation%20Gesundheits</u> <u>wirtschaft%20WifOR.pdf?__blob=publicationFile&v=1</u>
- Puls T, Fritsch M. An industry under Pressure: The Importance of the Automotive Industry for Germany. IW Köln. 2020 Sep 7 [accessed 2022 Jul 12]. Available from: <u>https://www.iwkoeln.de/en/studies/thomas-puls-manuel-fritsch-the-importance-of-the-automotive-industry-for-germany.html</u>
- Quantis. Engaging the supply chain to reduce miscusi's climate, water and biodiversity impacts. 2022 [accessed 2022 Aug 28]. Available from: <u>https://quantis.com/casestudy/miscusi-2022/</u>
- Schiener C, Störzel M, Maro J, Ostwald D A. Social Impact of innovative medicines a systematic approach to capture the societal and macroeconomic dimension of medicines. WifOR. 2021 June [accessed 2022 Jul 12]. Available from: https://www.wifor.com/uploads/2021/12/Social_Impact_of_Innovative_Medicines-3.pdf
- Science Based Targets Network. [accessed 2022 Aug 6]. Available from: <u>https://sciencebasedtargets.org/about-us/sbtn</u>
- Stiglitz J E. Globalization and Its Discontents Revisited. 2017. [accessed 2022 Jul 12]. Available from: <u>https://wwnorton.com/books/9780393355161</u>
- Stroehle J C, Soonawalla K, Metzner M. Through the looking glass: tying performance and materiality to corporate purpose. Forthcoming in The British Academy. 2022.

- Supply Chain Digital. Migros bring sustainability to Swiss supermarket chains. 2020 June 3 [accessed 2022 Jul 12]. Available from: <u>https://supplychaindigital.com/company-reports/migros-brings-sustainability-swiss-supermarket-supply-chains</u>
- Task Force on Nature-Related Financial Disclosures. [accessed 2022 Aug 6]. Available from: <u>https://tnfd.global/</u>
- The G20 Global Health & Development Partnership. If We Can't Measure It, We Can't Fix It. WifOR. 2021 May [accessed 2022 Jul12]. Available from: https://www.wifor.com/uploads/2021/05/G20 Health Metrics ROI G20 B20.pdf
- UN Global Compact. Health is Everyone's Business. [accessed 2022 Jul 12]. Available from: <u>https://www.unglobalcompact.org/what-is-gc/our-work/environment/health-is-everyones-business</u>
- United Nations. UN General Assembly declares access to clean and healthy environment a universal human right. 2022 Jul 28 [accessed 2022 Aug 6]. Available from: https://news.un.org/en/story/2022/07/1123482
- Value Balancing Alliance. Health is Wealth: Interview with Patrice Matchaba. 2020 Apr 7 [accessed 2022 Jul 12]. Available from: <u>https://www.value-balancing.com/en/meet-us/experience-us/health-is-wealth.html</u>
- Value Balancing Alliance. VBA Methodology V0.1 Impact Statement: extended Input-Output Modelling. 2021 May [accessed 2022 Jul 12]. Available from: <u>https://www.valuebalancing.com/_Resources/Persistent/0/f/9/1/0f919b194b89a59d3f71bd820da357804579</u> <u>2e2c/20210526_VBA%20Impact%20Statement_InputOutput%20Modelling.pdf</u>
- VAUDE Academy. [accessed 2022 Jul 12]. Available from: <u>https://academy.vaude.com/</u>
- Vionnet S, Friot D, Haut S, Adhikari R. Screening for human rights impact in corporate supply chains: A methodological proposal for quantitative assessment and valuation Novartis case study. 2021 Jan 14 [updated 2021 Jan 18; accessed 2022 Jul 12]. Available from: <u>https://www.valuingnature.ch/post/measuring-human-rights-impact-in-corporates-supply-chains</u>
- Weger D. Extending the language of business. The Reporting Times. CCR. 2019 May [accessed 2022 Jul 12]. Available from: <u>https://reporting-</u> times.com/app/uploads/2019/05/CCR_Reporting_Times_14_190508_8_9.pdf
- Wikipedia. Amatino Manucci. 2006 Sept 27 [updated 2021 June 20; accessed 2022 Jul 12]. Available from: <u>https://en.wikipedia.org/wiki/Amatino_Manucci</u>
- Wikipedia. Luca Pacioli. 2005 Oct 4 [updated 2022 June 20; accessed 2022 Jul 12]. Available from: <u>https://en.wikipedia.org/wiki/Luca_Pacioli</u>
- World Economic Forum. Building Back Broader: Policy Pathways for an Economic Transformation. 2022 Jun 2 [accessed 2022 Jul 12]. Available from: https://www.weforum.org/whitepapers/building-back-broader-policy-pathways-for-an-economic-transformation
- World Economic Forum. Global Risks Report 2022. 2022 Jan 11 [accessed 2022 Jul 12]. Available from: <u>https://www.weforum.org/reports/global-risks-report-2022</u>

6.1 Chapter Summary

Chapter 6 OPERATIONALIZING IMPACT dives into the practical heart of the matter by assessing what to measure, how to measure, and how to value impacts.

6.2 Key Concepts and Key words

- Impact measurement and valuation method and metrics
 - Value Balancing Alliance. Downloads VBA Publications. [accessed 2022 Jul 12]. Available from: <u>https://www.value-balancing.com/en/downloads.html</u>
 - EY. Embankment Project for Inclusive Capitalism. 2018 [accessed 2022 Jul 12]. Available from: <u>https://assets.ey.com/content/dam/ey-sites/eycom/en_ca/topics/transaction-advisory-services/ey-the-embankment-projectfor-inclusive-capitalism-report.pdf</u>
- Organizational structures and organizational learning
 - White A, Smets M, Canwell A. Organizational Transformation Is an Emotional Journey. Harvard Business Review. 2022 Jul 18 [accessed 2022 Aug 6]. Available from: <u>https://hbr.org/2022/07/organizational-transformation-is-anemotional-journey</u>
 - Petriglieri G. Humanizing Leadership: Principles, Practices, and People. 2022 [accessed 2022 Aug 25]. Available from: <u>http://gpetriglieri.com/aom2022/</u>

6.3 Learning Objectives

Start to understand what it takes to fully embed impact valuation metrics (or other novel approaches) in business processes.

6.4 Assignment Questions

- 6.4.1 Explain the selection process for impact indicators. How is it different to classical measurements of performance?
- 6.4.2 Consider current decision-making processes in your company/line of business. What needs to happen for these processes to consider impact?
- 6.4.3 How can you go about building impact capabilities in your team(s)?

6.5 References Used in the Chapter

 Albu N, Zubrzycki K, Scholz R, Ostwald D A, Somweber K, Haut S. Direct Gross Value Added Calculation Method. WifOR. 2020 Sep 1 [accessed 2022 Jul 12]. Available from: <u>https://www.wifor.com/uploads/2021/03/Case_Study_Novartis_WifOR_Direct_Gross</u>_Value_Added.pdf

- Alexandrakis E, Seddik A H, Ostwald D A. An Assessment of the Tubeho Neza Public Health Program in Rwanda. 2020 Jul 29 [updated 2021 Nov 16; accessed 2022 Jul 12]. Available from: <u>https://www.wifor.com/en/download/the-social-impact-of-tubeho-neza-program-in-rwanda/</u>
- Australian Government Office of Best Practice Regulation. Published Impact Analyses. [accessed 2022 Jul 12]. Available from: <u>https://obpr.pmc.gov.au/published-impact-analyses-and-reports</u>
- Australian Government Office of Best Practice Regulation. Published Impact Analyses. [accessed 2022 Jul 12]. Available from: <u>https://obpr.pmc.gov.au/published-impact-analyses-and-reports</u>
- Bartels W, de Draaijer A. The moment of truth for the CFO and society. WBCSD. 2022 May 16 [accessed 2022 Aug 6]. Available from: <u>https://www.wbcsd.org/Overview/News-Insights/WBCSD-insights/The-moment-of-truth-for-the-CFO-and-society</u>
- Bossidy L, Charan R. Execution: The Discipline of Getting Things Done. Crown Publishing Group. 2002 Apr 4 [accessed 2022 Jul 12]. Available from: <u>https://www.barnesandnoble.com/w/execution-larry-bossidy/1005075067</u>
- Capitals Coalition. 2022 [accessed 2022 Aug 6]. Available from: https://capitalscoalition.org/
- Capitals Coalition. Capitals Coalition Announces Plan to Develop Global Value Commission. 2022 May 23 [accessed 2022 Jul 12]. Available from: <u>https://capitalscoalition.org/capitals-coalition-announces-plans-to-develop-global-value-commission/</u>
- Capitals Coalition. Value Accounting Network. [accessed 2022 Jul 12]. Available from: <u>https://capitalscoalition.org/project/value-accounting-network/</u>
- CE Delft. [accessed 2022 Jul 12]. Available from: <u>https://cedelft.eu/</u>
- Cohen R. Impact: Reshaping Capitalism to Drive Real Change. Morgan James Publishing. 2021 May 25 [accessed 2022 Jul 12]. Available from: <u>https://www.impactrevolution.com/</u>
- Coursera. Valuing nature and people to inform business decision-making. 2022 [accessed 2022 Aug 6]. Available from: <u>https://www.coursera.org/learn/valuing-nature-and-people-to-inform-business-decision-making</u>
- Daniel, D R. Management information crisis. Harvard Business Review. 1961 [accessed 2022 Jul 12]. Available from: <u>https://www.econbiz.de/Record/management-information-crisis-daniel-ronald/10002058509</u>
- De Bruyn S, Ahdour S, Bijleveld M, de Graaff L, Schep E, Schroten A, Vergeer R. Environmental Prices Handbook 2017. CE Delft. 2018 May [accessed 2022 Jul 12]. Available from: <u>https://cedelft.eu/wp-</u> <u>content/uploads/sites/2/2021/03/CE_Delft_7N54_Environmental_Prices_Handbook_2</u> 017_FINAL.pdf
- Deloitte. IFRS 10 Consolidated Financial Statements. [accessed 2022 Jul 12]. Available from: https://www.iasplus.com/en/standards/ifrs/ifrs10
- European Commission. Just and sustainable economy: Commission lays down rules for companies to respect human rights and environment in global value chains. 2022 Feb 23 [accessed 2022 Jul 12]. Available from: https://ec.europa.eu/commission/presscorner/detail/en/ip 22 1145
- Falsarone A. The Impact Challenge Reframing Sustainability for Businesses. CRC Press. 2022 Apr 25 [accessed 2022 Jul 12]. Available from:

https://www.routledge.com/The-Impact-Challenge-Reframing-Sustainability-for-Businesses/Falsarone/p/book/9781032079509

- G7 Impact Taskforce. Financing a better world requires impact transparency, integrity and harmonization. 2021 [accessed 2022 Jul 12]. Available from: <u>https://www.impact-taskforce.com/media/io5ntb41/workstream-a-report.pdf</u>
- Gibassier D. From CFO to chief value officer. Finance is becoming subsumed into a wider corporate focus on value. AB Magazine. 2020 Oct [accessed 2022 Aug 6]. Available from: <u>https://abmagazine.accaglobal.com/global/articles/2020/ab-oct-2020/business/from-cfo-to-chief-value-officer.html</u>
- Greenhouse Gas Protocol. We set the standards to measure and manage emissions. [accessed 2022 Jul 12]. Available from: <u>https://ghgprotocol.org/</u>
- Gugerty M K, Karlan D. Ten Reasons Not to Measure Impact and What to Do Instead. Stanford Social Innovation Review. 2018 [accessed 2022 Jul 12]. Available from: https://ssir.org/articles/entry/ten_reasons_not_to_measure_impact_and_what_to_do_i

https://ssir.org/articles/entry/ten_reasons_not_to_measure_impact_and_what_to_do_in_stead

- Harvard Business School. Impact Weighted Accounts Research. [accessed 2022 Jul 12]. Available from: <u>https://www.hbs.edu/impact-weighted-accounts/Pages/research.aspx</u>
- Haut S, Weger D. Transforming business practice through impact valuation. The Reporting Times CCR. 2020 May [accessed 2022 Jul 12]. Available from: <u>https://reporting-</u> times.com/app/uploads/2020/05/CCR_Reporting_Times_16_CH_27.pdf
- Heald P. Lessons You Can Learn From Your Competitors. Forbes. 2017 May 18 [accessed 2022 Jul 12]. Available from: https://www.forbes.com/sites/forbesfinancecouncil/2017/05/18/lessons-you-can-learnfrom-your-competitors/
- King A A, Pucker, K P. Heroic Accounting. Stanford Social Innovation Review. 2021 Sep 20 [accessed 2022 Aug 6]. Available from: https://ssir.org/articles/entry/heroic_accounting
- Lewis, R. Malaysia Airlines flight 17. Britannica. 2017 Sep 20 [updated 2022 Jul 10; accessed 2022 Jul 18]. Available from: <u>https://www.britannica.com/event/Malaysia-Airlines-flight-17</u>
- Natural Capital Protocol Annex B. Monetary Valuation. 2017 Jul [accessed 2022 Aug 6]. Available from: <u>https://naturalcapitalcoalition.org/wp-content/uploads/2018/05/NCC_Protocol_WEB_2016-07-12-1.pdf</u>
- Natural Capital Protocol. 2016 [accessed 2022 Aug 6]. Available from: <u>https://naturalcapitalcoalition.org/wp-</u> content/uploads/2018/05/NCC_Protocol_WEB_2016-07-12-1.pdf
- Nicholls J, Zochowski T R. Mutually Compatible, Yet Different: A Theoretical Framework for Reconciling Different Impact Monetization Methodologies and Frameworks. Harvard Business School Impact Weighted Accounts. [accessed 2022 Jul 12]. Available from: <u>https://www.hbs.edu/impact-weighted-accounts/Documents/Mutually%20Compatible.pdf</u>
- Novartis. Environment Carbon-sink programs. [accessed 2022 Jul 12]. Available from: <u>https://www.novartis.com/sites/novartiscom/files/novartis-carbon-sink-programs.pdf</u>

- Novartis. Highlights Co-Creating Impact Summit 2021. [YouTube] 2022 Jan 24 [accessed 2022 Jul 12]. Available from: <u>https://www.youtube.com/watch?v=JDp_Hz3FZcw</u>
- Novartis. Social, Environmental and Economic Impact Valuation. 2021 Feb 10 [YouTube][accessed 2022 Jul 12]. Available from: <u>https://www.youtube.com/watch?v=KvdTRkS_Ek0&list=PL6YfpI0VEjhsIjA0_xaQm_2pGi9tv3x5v2</u>
- Oxford Essential Quotations (6 edition). Caveth Read 1848-1931, English philosopher. It is better to be vaguely right than exactly wrong. [accessed 2022 Jul 12]. Available from: https://www.oxfordreference.com/view/10.1093/acref/9780191866692.001.0001/q-oro-ed6-00016758
- Petriglieri G. Humanizing Leadership: Principles, Practices, and People. 2022 [accessed 2022 Aug 25]. Available from: <u>http://gpetriglieri.com/aom2022/</u>
- Quell A, Scholz R. A procurement tool for streamlined Input-Output sustainability Assessment. E3S Web Conf. 2022 May 20 [accessed 2022 Jul 12]. Available from: <u>https://www.e3s-</u> <u>conferences.org/articles/e3sconf/abs/2022/16/e3sconf_lcm2022_09003/e3sconf_lcm2</u> 022_09003.html
- Quoteinvestigator. If You Always Do What You've Always Done, You Always Get What You've Always Gotten. [accessed 2022 Jul 12]. Available from: https://quoteinvestigator.com/2016/04/25/get/
- Rockart, J F. A new approach to defining the chief executive's information needs. Massachusetts Institute of Technology, Alfred P. Sloan School of Management. 1978 May [accessed 2022 Jul 12]. Available from: <u>https://dspace.mit.edu/bitstream/handle/1721.1/1942/SWP-1008-04219611-CISR-037.pdf?sequence=1</u>
- Schurr M, Bruch M, Bonnet C, Voeste D, Heller C, Das Gupta J, Kallesoe M, Beutler M, Cassan-Barnel B, Gribaudi P M, Pollard D, Cheetham M, Haut S, Brown C, Stewart C, Abeywardana R, Savelkouls H, McGaughey T, Ritzrau W, Birnmeyer T, Prada M. Operationalizing Impact Valuation. Experiences and Recommendations by Participants of the Impact Valuation Roundtable. WBCSD. 2017 Mar [accessed 2022 Jul 10]. Available from:

https://docs.wbcsd.org/2017/04/IVR_Impact%20Valuation_White_Paper.pdf

- Stroehle J C. The enforcement of diverse labour standards through private governance: an assessment. 2017 Nov 22 [accessed 2022 Aug 6]. Available from: <u>https://journals.sagepub.com/doi/abs/10.1177/1024258917731016</u>
- The Economics of Ecosystems & Biodiversity. [accessed 2022 Jul 12]. Available from: <u>http://teebweb.org/</u>
- The Intergovernmental Panel on Climate Change. [accessed 2022 Jul 12]. Available from: <u>https://www.ipcc.ch/</u>
- Value Balancing Alliance. Downloads VBA Publications. [accessed 2022 Jul 12]. Available from: <u>https://www.value-balancing.com/en/downloads.html</u>
- Value Balancing Alliance. Methodology Impact Statement. Focus: Environment Version 0.1. 2021 Mar [accessed 2022 Aug 6]. Available from: <u>https://www.value-balancing.com/_Resources/Persistent/8/a/f/f/8aff8d622d5a09f9af18a062a71b9a3201f2</u> <u>ea3e/20210302_VBA%20Method_paper_Environmentals.pdf</u>

- Value Balancing Alliance. The case of monetary valuation. [accessed 2022 Jul 12]. Available from: <u>https://www.value-balancing.com/_Resources/Persistent/f/2/f/e/f2fe0928f157bfe7a467ad3d7eb7379b5aa_56c5b/The%20Case%20of%20Monetary-Valuation.pdf</u>
- Value Balancing Alliance. VBA Methodology V0.1 Impact Statement: extended Input-Output Modelling. 2021 May [accessed 2022 Jul 12]. Available from: <u>https://www.value-</u> balancing.com/_Resources/Persistent/0/f/9/1/0f919b194b89a59d3f71bd820da3578045 792e2c/20210526_VBA%20Impact%20Statement_InputOutput%20Modelling.pdf
- Value Balancing Alliance. VBA Methodology V0.1. Impact Statement. Topic Specific Method Paper: Socio-economy. 2021 Mar [accessed 2022 Aug 6]. Available from: <u>https://www.value-</u> <u>balancing.com/_Resources/Persistent/6/6/4/c/664cd668b396779e6fe973d29bda93709</u> 1927d68/20210316_VBA%20Impact%20Statement_Socioeconomic_Publication.pdf
- Value Balancing Alliance. VBA Methodology V0.1. Impact Statement. Topic Specific Method Paper: Socio-economy. 2021 Mar [accessed 2022 Aug 6]. Available from: <u>https://www.value-</u> balancing.com/_Resources/Persistent/6/6/4/c/664cd668b396779e6fe973d29bda93709 1927d68/20210316_VBA%20Impact%20Statement_Socioeconomic_Publication.pdf
- Vionnet S, Haut S, Adhikari R. The Health Utility of Income and Taxes. 2021 Nov 22 [updated 2021 Dec 14; accessed 2022 Jul 12]. Available from: https://www.valuingnature.ch/post/the-utility-of-income-and-taxes
- Vionnet S, Stewart J, Reig P, Reeve T. Beyond Volumes: Exploring the Societal Value of Corporate Water Stewardship Projects. 2022 Aug [accessed 2022 Aug 30]. Available from: <u>https://blueriskintel.com/beyond-volumes-exploring-thesocietal-value-of-corporate-water-stewardship-projects/</u>
- White A, Smets M, Canwell A. Organizational Transformation Is an Emotional Journey. Harvard Business Review. 2022 Jul 18 [accessed 2022 Aug 6]. Available from: <u>https://hbr.org/2022/07/organizational-transformation-is-an-emotional-journey</u>
- Wikipedia. Social cost of carbon. 2007 Apr 16 [updated 2022 Jul 6; accessed 2022 Jul 12]. Available from: https://en.wikipedia.org/wiki/Social_cost_of_carbon
- Zochowski T R, Panella K, Carpenter B. Fair Accounting. Stanford Social Innovation Review. 2022 Feb 8 [accessed 2022 Jul 12]. Available from: <u>https://ssir.org/articles/entry/fair_accounting#</u>

7 PURPOSE, STRATEGY, AND IMPACT

7.1 Chapter Summary

Chapter 7 PURPOSE, STRATEGY, AND IMPACT shows how purpose, strategy and measuring impact interrelate. Impact valuation can be approached from a strategic point of view. Also, impact valuation metrics can be derived from the purpose of the company and subsequently measure the extent to which the corporation enacts its purpose.

7.2 Key Concepts and Key Words

- Corporate purpose
 - Barby C, Barker R, Cohen R, Eccles R, Heller C, Mayer C, Roche B, Serafeim G, Stroehle J, Younger R, Zochowski R. Measuring Purpose An Integrated Framework. 2021 Jan 15 [accessed 2022 Jul 12]. Available from: https://enactingpurpose.org/assets/measuring-purpose---an-integrated-framework.pdf
 - Eccles R, Mayer C, Stroehle J. The Difference Between Purpose and Sustainability (aka ESG). 2021 Aug 20 accessed 2022 Jul 12]. Available from: <u>https://corpgov.law.harvard.edu/2021/08/20/the-difference-between-purpose-and-sustainability-aka-esg/</u>
- Strategy
 - Beal D, Eccles R, Hansell G, Lesser R, Unnikrishnan S, Woods W, Young D. Total Societal Impact: A New Lens for Strategy. BCG. 2017 Oct [accessed 2022 Jul 12]. Available from: <u>https://media-publications.bcg.com/BCG-Total-Societal-Impact-Oct-2017.pdf</u>
 - EY. Embankment Project for Inclusive Capitalism. 2018 [accessed 2022 Jul 12]. Available from: <u>https://assets.ey.com/content/dam/ey-sites/eycom/en_ca/topics/transaction-advisory-services/ey-the-embankment-projectfor-inclusive-capitalism-report.pdf</u>

7.3 Learning Objectives

Understand for the strategic role of impact metrics, for how impact metrics support the management for purpose fulfillment, and how purpose links to sustainability.

7.4 Assignment Questions

- 7.4.1 Why does purpose matter for a business? Why are metrics needed related to purpose which could be viewed as something engaging and rather emotional, whereas metrics are established in the areas of performance and progress?
- 7.4.2 Discuss whether "maximizing profit" is a meaningful purpose for designing a strategy and running a business?
- 7.4.3 What is the link between strategy and key performance indicators in incentives and for business steering? How do you get from strategy to execution?

7.5 References Used in the Chapter

- Barby C, Barker R, Cohen R, Eccles R, Heller C, Mayer C, Roche B, Serafeim G, Stroehle J, Younger R, Zochowski R. Measuring Purpose – An Integrated Framework. 2021 Jan 15 [accessed 2022 Jul 12]. Available from: https://enactingpurpose.org/assets/measuring-purpose---an-integrated-framework.pdf
- Beal D, Eccles R, Hansell G, Lesser R, Unnikrishnan S, Woods W, Young D. Total Societal Impact: A New Lens for Strategy. BCG. 2017 Oct [accessed 2022 Jul 12]. Available from: <u>https://media-publications.bcg.com/BCG-Total-Societal-Impact-Oct-2017.pdf</u>
- BNP Paribas. Chile sets a trend with first sovereign sustainability-linked bond. 2022 Mar 21 [accessed 2022 Aug 21]. Available from: <u>https://cib.bnpparibas/chile-sets-a-trend-with-first-sovereign-sustainability-linked-bond/</u>
- Cantale S. Danone's damaging brush with activist investors. I by IMD. 2021 Mar 22 [accessed 2022 Aug 6]. Available from: <u>https://iby.imd.org/finance/danones-damaging-brush-with-activist-investors-2/</u>
- Eccles R G. 'The Vote' (A Play In Three Acts By ExxonMobil Productions). Forbes. 2021 May 29 [accessed 2022 Jul 12]. Available from: https://www.forbes.com/sites/bobeccles/2021/05/29/the-vote-a-play-in-three-acts-by-exxonmobil-productions/
- Eccles R G. The Statement Of Purpose And What You Need To Do. Forbes. 2019 Aug 23 [accessed 2022 Jul 12]. Available from: <u>https://www.forbes.com/sites/bobeccles/2019/08/23/the-statement-of-purpose-and-what-you-need-to-do/</u>
- Eccles R, Mayer C, Stroehle J. Companies say they're serious about corporate purpose, but investors aren't convinced. Fortune. 2022 Jan 20 [accessed 2022 Jul 12]. Available from: <u>https://fortune.com/2022/01/20/corporate-purpose-institutional-investors-skepticism-research-esg-investing/</u>
- Eccles R, Mayer C, Stroehle J. The Difference Between Purpose and Sustainability (aka ESG). 2021 Aug 20 accessed 2022 Jul 12]. Available from: https://corpgov.law.harvard.edu/2021/08/20/the-difference-between-purpose-and-sustainability-aka-esg/
- European Union. Regulation (EU) 2019/2088 of the European Parliament and of the Council of 27 November 2019 on sustainability-related disclosures in the financial services sector. 2020 Jul 12 [accessed 2022 Jul 12]. Available from: <u>EUR-Lex 32019R2088 EN EUR-Lex (europa.eu)</u>
- EY. Embankment Project for Inclusive Capitalism. 2018 [accessed 2022 Jul 12]. Available from: <u>https://assets.ey.com/content/dam/ey-sites/ey-</u>

PURPOSE, STRATEGY, AND IMPACT

com/en_ca/topics/transaction-advisory-services/ey-the-embankment-project-forinclusive-capitalism-report.pdf

- Hunt V, Simpson B, Yamada Y. The case for stakeholder capitalism. McKinsey 2020 Nov 12 [accessed 2022 Jul 12]. Available from: <u>https://www.mckinsey.com/business-functions/strategy-and-corporate-finance/our-insights/the-case-for-stakeholder-capitalism</u>
- Koller T, Goedhart M, Wessels D. Valuation: Measuring and Managing the Value of Companies. John Wiley & Sons. 2020 [accessed 2022 Jul 12]. Available from: <u>https://www.mckinsey.com/business-functions/strategy-and-corporate-finance/our-insights/valuation-measuring-and-managing-the-value-of-companies</u>
- KPMG. KPMG True Value Case Study Safaricom Limited. 2015 Dec [accessed 2022 Jul 12]. Available from: <u>https://assets.kpmg/content/dam/kpmg/pdf/2016/07/case-study-safaricom-limited.pdf</u>
- Mayer C. Prosperity Better Business Makes the Greater Good. Oxford University Press. 2018 [accessed 2022 Jul 12]. Available from: <u>https://global.oup.com/academic/product/prosperity-</u> <u>9780198824008?cc=ch&lang=en&#</u>
- Mintzberg H, Ahlstrand B, Lampel J. Strategy Safari. Free Press. 1998 Sep 25 [accessed 2022 Jul 12]. Available from: <u>https://mintzberg.org/books/strategy-safari</u>
- Novartis. Materiality Assessment Webinar Series. Materiality and impact valuation as key enablers of corporate purpose. 2021 Jun 1 [accessed 2022 Aug 6]. Available from: <u>https://www.kaltura.com/index.php/extwidget/preview/partner_id/2076321/uiconf_id/46394451/entry_id/1_4zsmijer/embed/auto</u>?
- SAP. Integrated Report 2020 Connectivity of Financial and Non-Financial Indicators. 2021 [accessed 2022 Jul 12]. Available from: <u>https://www.sap.com/integrated-reports/2020/en/connectivity.html</u>
- Shell. Shell confirms decision to appeal cour ruling in Netherlands climate case. 2021 Jul 20 [accessed 2022 Jul 12]. Available from: <u>https://www.shell.com/media/news-and-media-releases/2021/shell-confirms-decision-to-appeal-court-ruling-in-netherlands-climate-case.html</u>
- Solvay. Sustainable Portfolio Management Guide. Driving long-term sustainable growth. 2021 [accessed 2022 Jul 10]. Available from: <u>https://www.solvay.com/sites/g/files/srpend221/files/2021-01/SolvaySPM-v10.pdf</u>
- The British Academy. Principles for Purposeful Business. 2019 [accessed 2022 Jul 12]. Available from: <u>https://www.thebritishacademy.ac.uk/publications/future-of-the-corporation-principles-for-purposeful-business/</u>
- The Crown Estate. Integrated Annual Report and Accounts 2020/21. [accessed 2022 Jul 12]. Available from: <u>https://www.thecrownestate.co.uk/media/3918/2021-annual-report-interactive_v2.pdf</u>
- The White House. State Fact Sheets: How the Inflation Reduction Act Lowers Energy Costs, Creates Jobs, And Tackles Climate Change Across America. 2022 Aug 17 [accessed 2022 Aug 21]. Available from: <u>https://www.whitehouse.gov/briefing-room/statements-releases/2022/08/17/state-fact-sheets-how-the-inflation-reduction-act-lowers-energy-costs-create-jobs-and-tackles-climate-change-across-america/</u>
- Vionnet S. Nestlé's Global Youth Initiative Impact Valuation Methodology notes. Nestlé. 2018 May [accessed 2022 Jul 12]. Available from: <u>https://www.nestle.com/sites/default/files/asset-library/documents/creating-shared-value/nestle-global-youth-initiative-impact-valuation-methodology-notes.pdf</u>

- Woetzel J, Dickon P, Samandari H, Engel H, Krishnan M, Boland B, Powis C. Climate risk and response: Physical hazards and socioeconomic impacts. McKinsey Sustainability. 2020 Jan 16 [accessed 2022 Aug 28]. Available from: <u>https://www.mckinsey.com/business-functions/sustainability/our-insights/climate-riskand-response-physical-hazards-and-socioeconomic-impacts</u>
- World Economic Forum. Davos Manifesto 1973: A Code of Ethics for Business Leaders. 2019 Dec 2 [accessed 2022 Jul 10]. Available from: <u>https://www.weforum.org/agenda/2019/12/davos-manifesto-1973-a-code-of-ethics-for-business-leaders/</u>
- World Economic Forum. Davos Manifesto 2020. The Universal Purpose of a Company in the Fourth Industrial Revolution. 2019 Dec 2 [accessed 2022 Jul 12]. Available from: <u>https://www.weforum.org/agenda/2019/12/davos-manifesto-2020-the-universal-purpose-of-a-company-in-the-fourth-industrial-revolution</u>
- Younger R, Mayer C, Eccles R G. Enacting Purpose Within the Modern Corporation. University of Oxford. Saïd Business School. 2020 Aug [accessed 2022 Aug 6]. Available from: <u>https://www.sbs.ox.ac.uk/sites/default/files/2020-08/Enacting% 20Purpose% 20Initiative% 20-% 20EU% 20Report% 20August% 202020.pdf</u>

8 ESG, REPORTING, AND IMPACT

8.1 Chapter Summary

Chapter 8 ESG, REPORTING, AND IMPACT shows impact valuation in the context of sustainability reporting and disclosures. Many years have elapsed since the acronym ESG was coined but the current debates hint that the welcome maturing process of the discipline only starts now. Metrics are subject to regulatory intervention. Many governments and the EU are about to issue their new disclosure requirements around ESG (Environment, Social, Governance). They are entering a field that is already overflowing with metrics guidelines and frameworks, and the development of an understanding, let alone agreement on the way forward, has not kept pace.

8.2 Key Concepts and Key Words

- ESG
- Sustainability
- Double Materiality
- Corporate Reporting

8.3 Learning Objectives

Develop an understanding for the difference between ESG and sustainability. Picture this: Beyond the confusion of ESG, the risk for businesses is that the ESG disclosure requirements result in a burdensome compliance exercise for businesses – instead of showing the path to sustainable strategies and operations. Appreciate why it makes sense to businesses to support the convergence efforts towards unified non-financial metrics frameworks and to rally behind impact metrics to avoid a duplicated, or worse, empty reporting burden.

8.4 Assignment Questions

- 8.4.1 What is ESG, where does the concept originate from? Explain the trust issue around "greenwashing" that ESG is experiencing?
- 8.4.2 How are impact metrics addressing the trust issue and help move towards sustainability?

8.5 References Used in the Chapter

- AccountAbility. AA1000 Stakeholder Engagement Standard 2015 [accessed 2022 Aug 6]. Available from: <u>https://www.accountability.org/standards/aa1000-stakeholder-engagement-standard/</u>
- Accountancy Europe. [accessed 2022 Jul 12]. Available from: <u>https://www.accountancyeurope.eu/</u>
- Accounting For Sustainability. [accessed 2022 Jul 12]. Available from: https://www.accountingforsustainability.org/en/index.html
- Austin D. Can ESG Grasp What Ecology Says? Both Brains Required. 2021 Feb [accessed 2022 Jul 12]. Available from: <u>https://bothbrainsrequired.com/wp-content/uploads/2022/05/2021-02-Can-ESG-Grasp-What-Ecology-Says-Final-11-pages.pdf</u>

- Banking For Impact. 2021 [accessed 2022 Aug 1]. Available from: https://bankingforimpact.org/
- Barby C, Barker R, Cohen R, Eccles R, Heller C, Mayer C, Roche B, Serafeim G, Stroehle J, Younger R, Zochowski R. Measuring Purpose – An Integrated Framework. 2021 Jan 15 [accessed 2022 Jul 12]. Available from: <u>https://enactingpurpose.org/assets/measuring-purpose---an-integrated-framework.pdf</u>
- Barker R, Eccles R G. Should FASB and IASB be responsible for setting standards for nonfinancial information? Green Paper. Oxford University Saïd Business School. 2018 Oct 12 [accessed 2022 July 20]. Available from https://www.sbs.ox.ac.uk/sites/default/files/2018-10/Green%20Paper_0.pdf
- Berg F, Kölbel J F, Rigobon R. Aggregate Confusion: The Divergence of ESG Ratings. Oxford Academic Review of Finance. 2022 May 23 [accessed 2022 Jul 12]. Available from: <u>https://academic.oup.com/rof/advance-article/doi/10.1093/rof/rfac033/6590670?login=false</u>
- Capitals Coalition. 2022 [accessed 2022 Aug 6]. Available from: https://capitalscoalition.org/
- Capitals Coalition. Assuring the capitals: Building confidence in natural, social and human capital assessments. 2022 Jul [accessed 2022 Aug 25]. Available from: https://capitalscoalition.org/publication/assuring-the-capitals/
- Ceres. Alphabet Soup: A Comparison of ISSB's Climate Exposure Draft and the SEC Proposed Rule. 2022 Jun 23. [accessed 2022 Aug 6]. Available from: <u>https://www.ceres.org/events/webinar-alphabet-soup-comparison-issbs-climate-exposure-draft-and-sec-proposed-rule</u>
- Damodaran A. The ESG Movement: The "Goodness" Gravy Train Rolls On! Musings on Markets Blog. 2021 Sep 14 [accessed 2022 Jul 12]. Available from: <u>https://aswathdamodaran.blogspot.com/2021/09/the-esg-movement-goodness-gravytrain.html</u>
- Eccles R G, Fixler D: Redefining ESG Best Practice and Disclosure. [YouTube] 2022 Jun 13 [accessed 2022 Aug 1]. Available from: https://www.youtube.com/watch?v=83ZEEkiGoMo&t=2s
- Eccles R G, Klimenko S. The Investor Revolution. Harvard Business Review. 2019 May [accessed 2022 Jul 12]. Available from: <u>https://hbr.org/2019/05/the-investor-revolution</u>
- Eccles R G, Mirchandani B. We Need Universal ESG Accounting Standards. Harvard Business Review. 2022 Feb 15 [accessed 2022 Jul 12]. Available from: <u>https://hbr.org/2022/02/we-need-universal-esg-accounting-standards</u>
- Eccles R G, Stroehle J C. Exploring Social Origins in the Construction of ESG Measures. SSRN. 2018 Jul 12 [accessed 2022 Jul 12]. Available from: <u>https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3212685</u>
- Eccles, R G. A Critique Of Tariq Fancy's Critique Of ESG Investing. An Interview With Clara Miller. Forbes. 2021 Oct 1 [accessed 2022 Aug 1]. Available from: https://www.forbes.com/sites/bobeccles/2021/10/01/a-critique-of-tariq-fancys-critique-of-esg-investing-an-interview-with-clara-miller/
- Eccles, R G. Some Reflections On An RSC Memo, ExxonMobil, And Tesla. Forbes. 2022 Aug 4 [accessed 2022 Aug 12]. Available from: <u>https://www.forbes.com/sites/bobeccles/2022/08/04/some-reflections-on-an-rsc-memo-exxonmobil-and-tesla/?sh=3e9910051a5c</u>

- European Commission. Corporate sustainability reporting EU rules require large companies to publish regular reports on the social and environmental impacts of their activities. [accessed 2022 Jul 12]. <u>https://ec.europa.eu/info/business-economyeuro/company-reporting-and-auditing/company-reporting/corporate-sustainabilityreporting_en#companies</u>
- European Commission. Transparent Project. [accessed Jul 12]. Available from: https://ec.europa.eu/environment/biodiversity/business/news/news-290_en.htm
- European Financial Reporting Advisory Group. [accessed 2022 Aug 21]. Available from: <u>https://www.efrag.org/</u>
- Global Reporting Initiative. The Global Standards for Sustainability Reporting. 2022 [accessed 2022 Aug 6]. Available from: <u>https://www.globalreporting.org/standards/</u>
- Hawley J. ESG Ratings and Rankings. Truvalue Labs. [accessed 2022 Jul 12]. Available from:

https://cdn2.hubspot.net/hubfs/4137330/White%20Papers/WP_ZeroCorrelation.pdf

- Institute of Chartered Accountants in England and Wales. [accessed 2022 Jul 12]. Available from: <u>https://www.icaew.com/</u>
- Integrated Reporting. IFRS 2022 [accessed 2022 Aug 21]. Available from: <u>https://www.integratedreporting.org/</u>
- International Financial Corporation. IFC Sustainability Framework. 2006 [accessed 2022 Jul 12]. Available from: <u>https://www.ifc.org/wps/wcm/connect/topics_ext_content/ifc_external_corporate_site/</u> sustainability-at-ifc/policies-standards/sustainability+framework
- International Sustainability Standards Board. IFRS. 2021 Nov 3 [accessed 2022 Aug 6]. Available from: <u>https://www.ifrs.org/groups/international-sustainability-standards-board/</u>
- Jaramillo D. The decarbonization and mining paradox. Challenges and long-term opportunities for investors. Fidelity International. 2022 [accessed 2022 Aug 28]. Available from:

 $\frac{https://www.fidelity.com.au/sites/fidelity/assets/The\%20 decarbonisation\%20 and\%20}{mining\%20 paradox.pdf}$

- Kirakosian M, Fischer P, Sloley C. DWS CEO Asoka Wöhrmann will leave the firm next week, citing the 'burden' placed on him and his family by allegations of greenwashing at the German asset manager. CityWireUSA 2022 Jun 1 [accessed 2022 Aug 1]. Available from: <u>https://citywireusa.com/professional-buyer/news/dws-chief-quits-after-police-raid-over-greenwashing-allegations/a2388938</u>
- Mair V. Investors adopt impact principles amid ESG backlash. Capital Monitor. 2022 Jul 14 [accessed 2022 Aug 6]. Available from: <u>https://capitalmonitor.ai/strategy/impact/impact-investing-principles-adopted-esg-backlash/</u>
- McMahon J. Three Forces Are Improving The World, According To Sir Ronald Cohen. Forbes. 2021 Oct 31 [accessed 2022 Aug 28]. Available from: www.forbes.com/sites/jeffmcmahon/2021/10/31/three-forces-are-improving-theworld-according-to-sir-ronald-cohen/amp/
- Marsh A. UN climate report delivers reality check for ESG investors. Financial Post. 2021 Aug 13 [accessed 2022 Aug 21]. Available from: <u>https://financialpost.com/investing/un-climate-report-delivers-reality-check-for-esg-investors</u>

ESG, REPORTING, AND IMPACT

- Natural Capital Protocol. 2016 [accessed 2022 Aug 6]. Available from: <u>https://naturalcapitalcoalition.org/wp-</u> content/uploads/2018/05/NCC_Protocol_WEB_2016-07-12-1.pdf
- Nicholls J, Zochowski T R. Mutually Compatible, Yet Different: A Theoretical Framework for Reconciling Different Impact Monetization Methodologies and Frameworks. Harvard Business School Impact Weighted Accounts. [accessed 2022 Jul 12]. Available from: <u>https://www.hbs.edu/impact-weighted-</u> accounts/Documents/Mutually%20Compatible.pdf
- OECD. The Short and Winding Road to 2030: Measuring Distance to the SDG Targets. 2022 Apr 27 [accessed 2022 Jul 12]. Available from: <u>https://www.oecd.org/wise/the-short-and-winding-road-to-2030-af4b630d-en.htm</u>
- Official Journal of the European Union. Regulation (EU) 2019/2088 of the European Parliament and of the Council of 27 November 2019 on sustainability-related disclosures in the financial services sector. 2019 Dec 9 [accessed 2022 Aug 21]. Available from: <u>https://eur-lex.europa.eu/legal-</u> content/EN/TXT/PDF/?uri=CELEX:32019R2088&from=EN
- Oxford Union. Oxford MBAs move to regulate sustainability reporting. [YouTube] 2019 Feb 13 [accessed 2022 Jul 20]. Available from: <u>https://www.youtube.com/watch?v=-EcLs3N6-sk</u>
- Pucker K P, King A. ESG Investing Isn't Designed to Save the Planet. Harvard Business Review. 2022 Aug 1 [accessed 2022 Aug 6]. Available from: https://hbr.org/2022/08/esg-investing-isnt-designed-to-save-the-planet
- PwC. Measuring and managing total impact: A new language for business decisions. 2013 [accessed 2022 Jul 12]. Available from: <u>https://www.pwc.com/gx/en/services/sustainability/total-impact-measurement-management.html</u>
- Rischard J-F. High Noon: 20 Global Problems, 20 Years To Solve Them. Basic Books. 2007 Mar 21 [accessed 2022 Jul 12]. Available from: https://www.basicbooks.com/titles/jean-francois-rischard/high-noon/9780465004416/
- Rivals J. Mapping of Main Standards on Corporate Sustainability Reporting & Disclosures. [LinkedIn]. [accessed 2022 Jul 12]. Available from: <u>https://www.linkedin.com/posts/julien-rivals-64071a22_sustainability-esg-issb-activity-6878990930867720192-H6AI/</u>
- Robeco. Sustainable Investing Glossary [accessed 2022 Aug 1]. Available from: <u>https://www.robeco.com/ch/de/unsere-expertise/sustainable-investing/glossary/article-6-8-and-9-funds.html</u>
- Saldanha R. The Rise of Anti-ESG Shareholder Proposals. Morningstar. 2022 Mar 28 [accessed 2022 Jul 12]. Available from: <u>https://www.morningstar.ca/ca/news/220000/the-rise-of-anti-esg-shareholder-proposals.aspx</u>
- Science Based Targets Network. [accessed 2022 Aug 6]. Available from: https://sciencebasedtargets.org/about-us/sbtn
- SEC Proposes Rules to Enhance and Standardize Climate-Related Disclosures for Investors. U.S. Securities and Exchange Commission. Press Release. 2022 Mar 21 [accessed 2022 Aug 6]. Available from: <u>https://www.sec.gov/news/press-release/2022-46</u>
- SEC Proposes Rules to Enhance and Standardize Climate-Related Disclosures for Investors. U.S. Securities and Exchange Commission. Press Release. 2022 Mar 21

[accessed 2022 Aug 6]. Available from: <u>https://www.sec.gov/news/press-release/2022-46</u>

- Simpson C, Rathi A, Kishan S. The ESG Mirage. Bloomberg. 2021 Dec 10 [accessed 2022 Jul 12]. Available from: <u>https://www.bloomberg.com/graphics/2021-what-is-esg-investing-msci-ratings-focus-on-corporate-bottom-line/</u>
- Sustainability Accounting Standards Board. IFRS 2022 [accessed 2022 Aug 21]. Available from: https://www.sasb.org/
- Task Force on Climate-Related Financial Disclosures. [accessed 2022 Aug 21]. Available from: <u>https://www.fsb-tcfd.org/</u>
- The Economist. ESG should be boiled down to one simple measure: emissions. Three letters that won't save the planet. Leaders Sustainable Investing. 2022 Jul 21 [accessed 2022 Aug 1]. Available from: https://www.economist.com/leaders/2022/07/21/esg-should-be-boiled-down-to-one-simple-measure-emissions
- Tiwari N. Building ESG: One company seven different ESG score. ESG Investing. [LinkedIn]. [accessed 2022 Jul 12]. Available from: <u>https://www.linkedin.com/feed/update/urn:li:activity:6936673343391617024?utm_sou</u> <u>rce=linkedin_share&utm_medium=member_desktop_web</u>
- Tora K. [LinkedIn]. 2022 [accessed 2022 Jul 12]. Available from: https://www.linkedin.com/posts/krisztina-tora-3151ba3_cdp-cdsb-iirc-activity-6932314860265328640-WbOE/?utm_source=linkedin_share&utm_medium=member_desktop_web
- U.S. Securities and Exchange Commission. The Division of Examinations' Review of ESG Investing. 2021 Apr 9[accessed 2022 Aug 28]. Available from: https://www.sec.gov/files/esg-risk-alert.pdf
- UNDP. SDG Impact. [accessed 2022 Aug 21]. Available from: https://sdgimpact.undp.org/
- UNEP Finance Initiative. The Materiality of Social, Environmental and Corporate Governance Issues to Equity Pricing. 2004 [accessed 2022 Jul 12]. Available from: https://www.unepfi.org/fileadmin/documents/amwg_materiality_equity_pricing_repor t_2004.pdf
- United Nations. Department of Economic and Social Affairs: Sustainable Development. [accessed 2022 Jul 12]. Available from: <u>https://sdgs.un.org/</u>
- Whelan T. ESG Reports Aren't a Replacement for Real Sustainability. Harvard Business Review. 2022 Jul 27 [accessed 2022 Aug 6]. Available from: https://hbr.org/2022/07/esg-reports-arent-a-replacement-for-real-sustainability
- World Economic Forum. ESG Ecosystem Map. [accessed 2022 Jul 12]. Available from: <u>https://widgets.weforum.org/esgecosystemmap/index.html#/</u>
- World Economic Forum. Measuring Stakeholder Capitalism Towards Common Metrics and Consistent Reporting of Sustainable Value Creation. 2020 Sep [accessed 2022 Jul 12]. Available from: <u>https://www3.weforum.org/docs/WEF_IBC_Measuring_Stakeholder_Capitalism_Rep_ort_2020.pdf</u>
- World Economic Forum. Seeking Return on ESG: Advancing the Reporting Ecosystem to Unlock Impact for Business and Society. 2019 Jan 24 [accessed 2022 Jul 12. Available from: <u>https://www.weforum.org/whitepapers/seeking-return-on-esg-advancing-the-reporting-ecosystem-to-unlock-impact-for-business-and-society</u>

9.1 Chapter Summary

Chapter 9 TOWARDS AN ECONOMY OF IMPACT outlines how the pieces of the impact puzzle could be joined, and how they partially are already. Impact metrics do not only make sense for businesses. They are also meaningful indicators for investors and for governments. If all economic actors embraced impact, impact would show its transformational power to establish a new, equitable and sustainable economy – the impact economy.

9.2 Key Concepts and Key Words

- Impact investing
- Impact accounting
- Impact economy

9.3 Learning Objectives

Appreciate why and under which conditions the impact economy is attractive and feasible.

9.4 Assignment Questions

- 9.4.1 How can impact valuation be the managerial concept for stakeholder capitalism?
- 9.4.2 What are signs of an emerging impact economy?
- 9.4.3 * Personally, how attractive do you find the prospect of living in an impact economy?

9.5 References Used in the Chapter

- AkzoNobel. How we created value in 2020. 2021 [accessed 2022 Jul 12]. Available from: <u>https://report.akzonobel.com/2020/ar/our-strategy/2020-value-creation.html#tab1</u>
- Aspen Institute. As ESG Reporting Proliferates: Do We See Progress or Theater? 2021 Dec 8 [accessed 2022 Jul 12]. Available from: <u>https://www.aspeninstitute.org/events/esg-reporting/</u>
- Australian Government. The Office of Best Practice Regulation Australian Government Guide to Regulatory Impact Analysis. 2020 Mar 30 [accessed 2022 Jul 12]. Available from: <u>https://obpr.pmc.gov.au/resources/guidance-impact-analysis/australian-government-guide-regulatory-impact-analysis</u>
- Australian Government. The Office of Best Practice Regulation Australian Government Guide to Regulatory Impact Analysis. Pregnancy warning labels on packaged alcoholic beverages. 2018 Oct [accessed 2022 Aug 5]. Available from: <u>https://obpr.pmc.gov.au/sites/default/files/posts/2018/10/pregnancy_warning_labels_on_n_packaged_alcoholic_beverages_decision_ris.pdf</u>
- Australian Government. The Office of Best Practice Regulation Australian Government Guide to Regulatory Impact Analysis. Proposal to include minimum accessibility standards for housing in the National Construction Code. 2020 Jul [accessed 2022 Aug 5]. Available from: https://obpr.pmc.gov.au/sites/default/files/posts/2020/07/including_minimum_accessi

<u>bility standards for housing in the national construction code -</u> <u>consultation ris.pdf</u>

- Australian Government. The Office of Best Practice Regulation Australian Government Guide to Regulatory Impact Analysis. 2020 Mar 30 [accessed 2022 Jul 12]. Available from: <u>https://obpr.pmc.gov.au/resources/guidance-impact-analysis/australian-government-guide-regulatory-impact-analysis</u>
- Barby C, Barker R, Cohen R, Eccles R, Heller C, Mayer C, Roche B, Serafeim G, Stroehle J, Younger R, Zochowski R. Measuring Purpose – An Integrated Framework. 2021 Jan 15 [accessed 2022 Jul 12]. Available from: <u>https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3771892</u>
- Barton D, Manyika J, Koller T, Palter R, Godsall J, Zoffer J. McKinsey. 2017 Feb 8 [accessed 2022 Aug 5]. Available from: <u>https://www.mckinsey.com/featured-insights/long-term-capitalism/where-companies-with-a-long-term-view-outperform-their-peers</u>
- Beyond GDP. Measuring progress, true wealth, and the well-being of nations. European Commission, OECD, The Club of Rome et al. 2020 Nov 19-20 [accessed 2022 Jul 12]. Available from: https://ec.europa.eu/environment/beyond_gdp/download/bgdp-summary-notes.pdf
- BlackRock. Larry Fink's 2022 Letter to CEOs: The Power of Capitalism. 2022 Jan [accessed 2022 Jul 12]. Available from: https://www.blackrock.com/corporate/investor-relations/larry-fink-ceo-letter
- Business Roundtable. Business Roundtable Redefines the Purpose of a Corporation to Promote 'An Economy That Serves All Americans'. 2019 Aug 19 [accessed 2022 Jul 12]. Available from: <u>https://www.businessroundtable.org/business-roundtable-</u> redefines-the-purpose-of-a-corporation-to-promote-an-economy-that-serves-all-<u>americans</u>
- Capitals Coalition. Case Studies. [accessed 2022 Aug 5]. Available from: <u>https://capitalscoalition.org/impact/case-studies/?fwp_filter_tabs=case_study</u>
- Cha, L M. Putting capital markets into stakeholder capitalism. World Economic Forum. 2022 Jan 7 [accessed 2022 Jul 12]. Available from: <u>https://www.weforum.org/agenda/2022/01/putting-the-capital-into-stakeholder-capitalism/</u>
- Cohen R. Impact: Reshaping Capitalism to Drive Real Change. Morgan James Publishing. 2021 May 25 [accessed 2022 Jul 12]. Available from: <u>https://www.impactrevolution.com/</u>
- Eccles R G, Klimenko S. The Investor Revolution. Harvard Business Review. 2019 May [accessed 2022 Jul 12]. Available from: <u>https://hbr.org/2019/05/the-investor-revolution</u>
- European Commission. GDP and beyond Measuring progress in a changing world. 2009 Aug 20 [accessed 2022 Aug 5]. Available from: https://ec.europa.eu/eurostat/cros/system/files/06_GDP%20and%20beyond.pdf
- Farber V, Reichert P. Three trends to track as impact investing eyes the mainstream. I by IMD. 2022 Jan 6 [accessed 2022 Jul 12]. Available from: https://iby.imd.org/leadership/three-trends-to-track-as-impact-investing-eyes-the-mainstream/
- G20 2022. G20 Presidency of Indonesia: Recover Together, Recover Stronger. [accessed 2022 Jul 12]. Available from: <u>https://g20.org/</u>

- G20 Global Health & Development Partnership. Open Letter to Prime Minister Mario Draghi. H20 Summit. 2021 Sep [accessed 2022 Jul 12]. Available from: <u>https://h20annualsummit.com/wp-</u> <u>content/uploads/2021/09/Open_Letter_Prime_Minister_Mario_Draghi_H20_Summit.</u> <u>pdf</u>
- G7 Impact Taskforce. Financing a better world requires impact transparency, integrity and harmonization. 2021 [accessed 2022 Jul 12]. Available from: <u>https://www.impact-taskforce.com/media/io5ntb41/workstream-a-report.pdf</u>
- G7 Impact Taskforce. Reports. 2021 Dec 10 [accessed 2022 Jul 12]. Available from: https://www.impact-taskforce.com/reports
- G7 Impact Taskforce. Reports. 2021 Dec 10 [accessed 2022 Jul 12]. Available from: <u>https://www.impact-taskforce.com/reports</u>
- GIIN. 2020 Annual Impact Investor Survey. 2020 Jun 11 [accessed 2022 Jul 12]. Available from: <u>https://thegiin.org/research/publication/impinv-survey-2020</u>
- Global Solutions Initiative. The Recoupling Dashboard. 2022 [accessed 2022 Jul 12]. Available from: <u>https://www.global-solutions-initiative.org/recoupling-dashboard-homepage/</u>
- Global Steering Group for Impact Investment. Catalysing an Impact Investment Ecosystem – A Policymaker's Toolkit. 2018 Oct [accessed 2022 Jul 12]. Available from: <u>https://gsgii.org/wp-content/uploads/2018/10/GSG-Paper-2018-Policy.pdf</u>
- Government of Canada. Impact Assessment Agency of Canada Forward Regulatory Plan, 2021-2023 [accessed 2022 Jul 12]. Available from: <u>https://www.canada.ca/en/impact-assessment-agency/corporate/acts-regulations/forward-regulatory-plan/iaac-frp-2021-2023.html</u>
- Government UK. Social impact bonds: unit cost data. 2014 Feb 10 [accessed 2022 Jul 12]. Available from: <u>https://www.gov.uk/government/publications/social-impact-bonds-unit-cost-data</u>
- Harvard Business School. Impact Weighted Accounts Research [accessed 2022 Jul 12]. Available from: <u>https://www.hbs.edu/impact-weighted-accounts/Pages/research.aspx</u>
- Harvard Business School. International Foundation for Valuing Impacts Holds Inaugural Board Meeting. 2022 Jul 12 [accessed 2022 Aug 21]. Available from: <u>https://www.hbs.edu/news/releases/Pages/IFVI-IAWI.aspx</u>
- Haut S. Recoupling globally through impact. Global Solutions Journal 8. 2022 Mar [accessed 2022 Jul 12]. Available from: <u>https://www.global-solutions-</u> initiative.org/wp-content/uploads/2022/03/Global-Solutions-Journal-Issue-8.pdf
- Haut S. The great realignment fuelled by impact: A call for new notions of success, progress and corporate performance. Global Solutions Journal Issue 7. 2021 May [accessed 2022 Jul 12]. Available from: <u>https://www.global-solutions-</u>initiative.org/3d-flip-book/global-solutions-journal-7-summit-2021-edition/
- Hoekstra R. Replacing GDP by 2030. Cambridge University Press. 2019 May [accessed 2022 Aug 5]. Available from: <u>http://www.rutgerhoekstra.com/replacing-gdp-by-2030/</u>
- Hulse E S G, Atun R, McPake B, Lee J T. Use of social impact bonds in financing health systems responses to non-communicable diseases: scope review. BMJ Global Health. 2021 Feb 10 [accessed 2022 Aug 21]. Available from: <u>https://gh.bmj.com/content/bmjgh/6/3/e004127.full.pdf</u>

- Hunt V, Simpson B, Yamada Y. The case for stakeholder capitalism. McKinsey & Company. 2020 Nov 12 [accessed 2022 Jul 12]. Available from: <u>https://www.mckinsey.com/business-functions/strategy-and-corporate-finance/our-insights/the-case-for-stakeholder-capitalism</u>
- Impact Economy Foundation. 2022 [accessed 2022 Aug 21]. Available from: <u>https://impacteconomyfoundation.org/</u>
- Impact Management Platform. Manage sustainability impacts deliver value for people, planet and enterprise. [accessed 2022 Jul 12]. Available from: https://impactmanagementplatform.org/
- Impact Management Platform. Manage sustainability impacts deliver value for people, planet and enterprise. [accessed 2022 Jul 12]. Available from: https://impactmanagementplatform.org/
- InclusiveBusiness.net. Impact Valuation Places Stakeholders at the Heart of Sustainable Business – Interview with Ms. Sonja Haut. CLUED-iN #20. 2022 Feb [accessed 2022 Jul 12]. Available from: <u>https://www.inclusivebusiness.net/clued-in/20/article/5522</u>
- König M, Winkler A. COVID-19: Lockdowns, Fatality Rates and GDP Growth. Intereconomics Vol. 56, 2021 [accessed 2022 Jul12]. Available from: <u>https://www.intereconomics.eu/contents/year/2021/number/1/article/covid-19-lockdowns-fatality-rates-and-gdp-growth.html</u>
- LGT Capital Partners. Impact Investing Investing with a purpose. [accessed 2022 Jul 12]. Available from: <u>https://www.lgtcp.com/en/esg-commitment/impact_investing/</u>
- LGT. LGT and Lightrock raise more than USD 900 million for first joint impact offering. 2021 Jul 8 [accessed 2022 Jul 27]. Available from: https://www.lgt.ch/en/news/lgt-and-lightrock-raise-more-than-usd-900-million-for-first-joint-impact-offering/
- MacKenzie S. \$30 trillion is about to change hands in the US. CNBC. 2018 Jul 10 [accessed 2022 Jul 12]. Available from: <u>https://www.cnbc.com/2018/06/28/wealth-transfer-baby-boomers-estate-heir-inheritance.html</u>
- Mayer C. Prosperity Better Business Makes the Greater Good. Oxford University Press. 2018 [accessed 2022 Jul 12]. Available from: <u>https://global.oup.com/academic/product/prosperity-</u> <u>9780198824008?cc=ch&lang=en&#</u>
- Mitchenall T. BlackRock takes multi-asset route with \$1bn impact fund. New Private Markets. 2022 May 11 [accessed 2022 Aug 21]. Available from: <u>https://www.newprivatemarkets.com/blackrock-takes-multi-asset-route-with-1bn-impact-fund/</u>
- MSCI. MSCI Investment Insights 2021 Global institutional investor survey. [accessed 2022 Jul 12]. Available from: <u>https://www.msci.com/documents/1296102/22910163/MSCI-Investment-Insights-2021-Report.pdf</u>
- Novartis. Co-Creating Impact Summit 2021. [accessed 2022 Aug 21]. Available from: https://www.cci-summit.com/
- OECD. Beyond GDP Measuring What Counts for Economic and Social Performance. 2018 Nov 27 [accessed 2022 Jul 12]. Available from: <u>https://www.oecd.org/social/beyond-gdp-9789264307292-en.htm</u>

- OECD. Blended Finance. [accessed 2022 Aug 6]. Available from: <u>https://www.oecd.org/dac/financing-sustainable-development/blended-finance-principles/</u>
- OECD. COVID-19 Recovery Dashboard: How does your country fare in building back a stronger and more inclusive, green and resilient economy and society? [accessed 2022 Jul 12]. Available from: https://www.oecd.org/coronavirus/en/recovery-dashboard
- OECD. Regulatory impact assessment. [accessed 2022 Jul 12]. Available from: https://www.oecd.org/regreform/regulatory-policy/ria.htm
- PGGM. Impact Investment. [accessed 2022 Jul 12]. Available from: <u>https://www.pggm.nl/en/our-services/impact-investment/</u>
- Ryssdal K, Palacios D. After 2 years, how have the Business Roundtable's commitments held up? Marketplace. 2021 Aug 19 [accessed 2022 Jul 12]. Available from: <u>https://www.marketplace.org/2021/08/19/after-2-years-how-have-the-business-roundtables-commitments-held-up/</u>
- Schroders. Schroders Global Investor Study 2016: ESG Millenials put greater importance on ESG factors. 2016 Nov 28 [accessed 2022 Jul 12]. Available from: <u>https://prod.schroders.com/en/sysglobalassets/digital/us/pdfs/millennials_put_greater_importance_on_esg_factors_11282016.pdf</u>
- Schwab K, Vanham P. Stakeholder Capitalism A Global Economy that Works for Progress, People and Planet. John Wiley & Sons. 2021 Jan 27 [accessed 2022 Jul 12]. Available from: https://www.weforum.org/about/book
- Social Finance UK. SIB database. [accessed 2022 Jul 27]. Available from: https://sibdatabase.socialfinance.org.uk/
- Social Finance UK. World's 1st Social Impact Bond shown to cut reoffending to make impact investors a return. 2017 Jul 27 [accessed 2022 Jul 27]. Available from: <u>https://www.socialfinance.org.uk/sites/default/files/news/final-press-release-pb-july-2017.pdf</u>
- Stiglitz J E, Sen A, Fitoussi J-P. Report be the Commission on the Measurement of Economic Performance and Social Progress. European Commission. 2009 Sep [accessed 2022 Aug 5]. Available from: <u>https://ec.europa.eu/eurostat/documents/8131721/8131772/Stiglitz-Sen-Fitoussi-Commission-report.pdf</u>
- The Conference Board. Corporate Citizenship Watch: The Shift Toward Stakeholder Capitalism: What It Means in Practice. 2022 Feb 15 [accessed 2022 Jul 12]. Available from: <u>https://www.conference-board.org/webcast/ondemand/stakeholder-capitalism</u>
- The Conference Board. C-Suite Outlook 2022 [accessed 2022 Jul 12]. Available from: https://www.conference-board.org/topics/c-suite-outlook
- The G20 Global Health & Development Partnership. If We Can't Measure It, We Can't Fix It. WifOR. 2021 May [accessed 2022 Jul12]. Available from: https://www.wifor.com/uploads/2021/05/G20_Health_Metrics_ROI_G20_B20.pdf
- The White House. The Build Back Better Framework President Biden's plan to rebuild the middle class. [accessed 2022 Jul 12]. Available from: https://www.whitehouse.gov/build-back-better/
- UNDP. SDG Impact. [accessed 2022 Aug 21]. Available from: https://sdgimpact.undp.org/

- UNEP Finance Initiative. Corporate Impact Analysis Tool. 2020 Mar [accessed 2022 Jul 12]. Available from: <u>https://www.unepfi.org/publications/positive-impact-publications/corporate-impact-tool/</u>
- UNEP Finance Initiative. SDGs and Impact Holistic impact analysis and management to close the SDG financing gap. 2017 [accessed 2022 Jul 12]. Available from: https://www.unepfi.org/positive-impact/
- UNEP Finance Initiative. The Materiality of Social, Environmental and Corporate Governance Issues to Equity Pricing. 2004 [accessed 2022 Jul 12]. Available from: <u>https://www.unepfi.org/fileadmin/documents/amwg_materiality_equity_pricing_report_2004.pdf</u>
- United Nations Department of Economic and Social Affairs. Do you know all 17 SDGs? [accessed 2022 Jul 12]. Available from: <u>https://sdgs.un.org/goals</u>
- United Nations. System of Environmental Economic Accounting [accessed 2022 Aug 6]. Available from: <u>https://seea.un.org/content/global-assessment-environmental-economic-accounting</u>
- Value Balancing Alliance. The practical part: How our members are testing our methodology. 2021 May 12 [accessed 2022 Jul 12]. Available from: https://www.value-balancing.com/en/our-work/piloting-results.html
- Value Balancing Alliance. VBA Methodology V0.1 Impact Statement Topic Specific Method Paper: Socio-economy. 2021 Mar [accessed 2022 Jul 12]. Available from: <u>https://www.value-</u> balancing.com/ Resources/Persistent/6/6/4/c/664cd668b396779e6fe973d29bda93709 1927d68/20210316_VBA%20Impact%20Statement_Socioeconomic_Publication.pdf
- Wintour P. Social impact bond launched to help teenagers in care and the homeless. The Guardian 2012 Nov 23 [accessed 2022 Jul 27]. Available from: <u>https://www.theguardian.com/society/2012/nov/23/social-impact-bond-teenagers-homelessness</u>
- World Economic Forum. Building Back Broader: Policy Pathways for an Economic Transformation. 2022 Jun 2 [accessed 2022 Jul 12]. Available from: <u>https://www.weforum.org/whitepapers/building-back-broader-policy-pathways-for-aneconomic-transformation</u>
- World Economic Forum. Davos Manifesto 1973: A Code of Ethics for Business Leaders. 2019 Dec 2 [accessed 2022 Jul 10]. Available from: <u>https://www.weforum.org/agenda/2019/12/davos-manifesto-1973-a-code-of-ethics-for-business-leaders/</u>
- World Economic Forum. Measuring Stakeholder Capitalism Towards Common Metrics and Consistent Reporting of Sustainable Value Creation. 2020 Sep [accessed 2022 Jul 12]. Available from: <u>https://www3.weforum.org/docs/WEF_IBC_Measuring_Stakeholder_Capitalism_Rep</u> ort 2020.pdf
- World Economic Forum. Seeking Return on ESG: Advancing the Reporting Ecosystem to Unlock Impact for Business and Society. 2019 Jan 24 [accessed 2022 Jul 12. Available from: <u>https://www.weforum.org/whitepapers/seeking-return-on-esg-advancing-the-reporting-ecosystem-to-unlock-impact-for-business-and-society</u>
- Zochowski, T R. The Promise of Impact Accounting. Richards, A and Nicholls, J (Ed.) Generation Impact, Emerald Publishing Limited, Bingley, pp. 257-266. 2021 [accessed 2022 Aug 21]. Available from:

https://www.emerald.com/insight/content/doi/10.1108/978-1-78973-929-920200024/full/html?skipTracking=true

10 LESSONS FROM THE JOURNEY

10.1 Chapter Summary

Chapter 10 LESSONS FROM THE JOURNEY comes with ten personal learnings that manifested themselves as the author went through the journey of establishing the impact measurement and valuation practice in my company.

10.2 Key Concepts and Key Words

- Leadership
- Learning

10.3 Learning Objectives

Every event, and every situation, comes with an opportunity to learn and grow as a person.

10.4 Assignment Questions

- 10.4.1 Which of the leadership lessons presented have you experienced yourself?
- 10.4.2 Which of the leadership lessons resonate with you beyond the ones that you have learned yourself?
- 10.4.3 * Which of the leadership lessons do you find irritating, and why?

11 CONCLUSIONS and EPILOGUE

11.1 Chapter Summary

The application of impact metrics is meaningful for business irrespective from a company's level of endorsement of sustainability, corporate responsibility and the like. Emerging regulatory trends will mandate disclosures that can act as an opportunity for business if they are impact-based. In the investment space, the regulatory movement is more advanced in that there is already a classification of what constitutes an impactful investment. Governments can embrace impact metrics, too, for their own purposes of decision-making and steering.

The epilogue comes with a call for outrage and optimism, which is also the name of the blog by Christiania Figueres the costa-rican politician whose collaborative and relentless diplomacy resulted in the Paris Agreement.

11.2 Key Concepts and Key words

- Both/And Thinking
 - Smith W K, Lewis M W. Both/And Thinking. Embracing Creative Tensions to Solve Your Toughest Problems. 2022 Aug 9 [accessed 2022 Aug 21]. Available from: <u>https://www.amazon.com/Both-Thinking-Embracing-Creative-Tensions-ebook/dp/B099NV3Y98</u>
- Megatrends
 - Zpunkt. Megatrends 2007. 2012 Oct 30 [accessed 2022 Aug 21]. Available from: <u>https://www.slideshare.net/th_convergence/2007-20-</u> mostimportantmegatrends
- Flipping the VUCA
- Complexity management
 - Snowden D J, Boone M E. A Leader's Framework for Decision Making. Harvard Business Review. 2007 Nov [accessed 2022 Jul 12]. Available from: <u>https://hbr.org/2007/11/a-leaders-framework-for-decision-making</u>

11.3 Learning Objectives

The profound megatrends that characterize our time require us to become at ease in dealing with complexity. Develop a sense for the fact that undue simplifications can be dangerous. Even advanced pattern recognition – connecting the dots – will no longer suffice. Check out promising concepts that can address this, such as the framework of complexity by and Both/And Thinking.

11.4 Assignment Questions

- 11.4.1 What does "flip the VUCA" mean to you?
- 11.4.2 From your experience, which examples can you provide to illustrate the concept of complexity management?
- 11.4.3 * After having read the book, how have your perspectives on your personal and business *ikegai* changed?

11.5 References Used in the Chapter

- Cohen R. Impact: Reshaping Capitalism to Drive Real Change. Morgan James Publishing. 2021 May 25 [accessed 2022 Jul 12]. Available from: <u>https://www.impactrevolution.com/</u>
- G7 Impact Taskforce. Reports. 2021 Dec 10 [accessed 2022 Jul 12]. Available from: https://www.impact-taskforce.com/reports
- Haut S. A new kind of capitalism takes root. World Economic Forum. What if we get things right? Visions for 2030, #19. 2019 Oct 29 [accessed 2022 Jul 12]. Available from: <u>https://www.weforum.org/agenda/2019/10/future-predictions-what-if-getthings-right-visions-for-2030/</u>
- Novartis. Highlights Co-Creating Impact Summit 2021. [YouTube] 2022 Jan 24 [accessed 2022 Jul 12]. Available from: <u>https://www.youtube.com/watch?v=JDp_Hz3FZcw</u>
- Outrage and Optimism. Blog by Christiania Figueres, Tom Rivett-Carnac and Paul Dickinson. [accessed 2022 Jul 12]. Available from: https://www.outrageandoptimism.org/
- Smith W K, Lewis M W. Both/And Thinking. Embracing Creative Tensions to Solve Your Toughest Problems. 2022 Aug 9 [accessed 2022 Aug 21]. Available from: <u>https://www.amazon.com/Both-Thinking-Embracing-Creative-Tensionsebook/dp/B099NV3Y98</u>
- Snowden D J, Boone M E. A Leader's Framework for Decision Making. Harvard Business Review. 2007 Nov [accessed 2022 Jul 12]. Available from: <u>https://hbr.org/2007/11/a-leaders-framework-for-decision-making</u>
- Wikipedia. Jacob Burckhardt. 2006 Sep 1 [updated 2022 Jul 6; accessed 2022 Jul 12]. https://en.wikipedia.org/wiki/Jacob_Burckhardt
- Zpunkt. Megatrends 2007. 2012 Oct 30 [accessed 2022 Aug 21]. Available from: https://www.slideshare.net/th_convergence/2007-20-mostimportantmegatrends

Thank You for Using This Study Guide!

Every review matters to me.

Head over to where you purchased *The Case for Impact* to leave an honest review for me. I thank you endlessly.

Sonja Haut