Table of Contents

Preface .................................................................................................................................................. xix

Acknowledgment ................................................................................................................................ xxvi

Section 1
Considering Project Management through a Sustainability Lens

Chapter 1
How Business Excellence Models Contribute to Project Sustainability and Project Success .......... 1
William T. Craddock, Craddock & Associates, Inc., USA

Chapter 2
Lynn A. Keeys, SKEMA Business School, France
Martina Huemann, WU Vienna University of Economics and Business, Austria
Rodney Turner, SKEMA Business School, France

Chapter 3
GreenPM®: The Basic Principles for Applying an Environmental Dimension to Project Management ........................................................................................................................................... 39
Tom Mochal, TenStep, Inc., USA
Andrea Krasnoff, TenStep, Inc., USA

Chapter 4
Sustainability in Project Management Processes .................................................................................. 58
Gilbert Silvius, HU University of Applied Sciences Utrecht, The Netherlands & Van Aetsveld, The Netherlands

Chapter 5
Mohamed Eid, The British University in Egypt, Egypt
Chapter 6
Social Sustainability to Social Benefit: Creating Positive Outcomes through a Social Risk-Based Approach

Jessica-Louise Winnall, Winnall Consulting, Australia

Chapter 7
Project Success by Integrating Sustainability in Project Management

Tiron-Tudor Adriana, Babes-Bolyai University, Romania
Dragu Ioana-Maria, Babes-Bolyai University, Romania

Section 2
Integrating Sustainability into Project Management

Chapter 8
Re-Thinking Project Initiation and Project Management by Considering Principles of Sustainable Development

Roland Gareis, WU Vienna, Austria & Roland Gareis Consulting, Austria

Chapter 9
Project Initiation: Investment Analysis for Sustainable Development

Claudia Weninger, WU Vienna, Austria
Martina Huemann, WU Vienna, Austria

Chapter 10
Integrating Sustainability into Technology-Oriented Project Management: Cases from South Africa

Alan Brent, Stellenbosch University, South Africa
Carin Tredoux, University of Pretoria, South Africa

Chapter 11
Sustainability in Project Management: Practical Applications

Jennifer Tharp, Mastodon Consulting, USA

Chapter 12
Evaluating Sustainability on Projects Using Indicators

Jude Talbot, AMEC, Canada
Ray Venkataraman, Penn State University, USA

Chapter 13
Consideration of Sustainability in Projects and Project Management: An Empirical Study

Gilbert Silvius, HU University of Applied Sciences Utrecht, The Netherlands & Van Aetsveld, The Netherlands
Ron Schipper, Van Aetsveld Project Management and Change, The Netherlands
Snezana Nedeski, Maastricht University, The Netherlands
Section 3
Sustainability and the Project Manager

Chapter 14
Leading Sustainability through Projects ................................................................. 235
Lynn Crawford, Bond University, Australia & Australia and Human Systems International Limited, Australia

Chapter 15
How Positive Psychology can Support Sustainable Project Management .................... 245
Jasper C. van den Brink, HU University of Applied Sciences Utrecht, The Netherlands

Chapter 16
Project Manager as a Pivot Point for Implementing Sustainability in an Enterprise ............ 261
Richard Maltzman, EarthPM, LLC, USA
David Shirley, EarthPM, LLC, USA

Chapter 17
Sustainability in Project Management: Perceptions of Responsibility ............................ 279
Debby Goedknegt, HU University of Applied Sciences Utrecht, The Netherlands

Chapter 18
Sustainability Assessment for Project Managers ....................................................... 288
Gilman C. K. Tam, Independent Researcher, Hong Kong

Section 4
Case Studies and Best Practices

Chapter 19
Changes of Projects by Considering the Principles of Sustainable Development Case Study: Transforming the Project Hospital North ...................................................... 304
Roland Gareis, WU Vienna, Austria & Roland Gareis Consulting, Austria

Chapter 20
Stakeholders’ Perspectives on Sustainability in Project Management .......................... 321
Ramanda Achman, TU Delft, The Netherlands

Chapter 21
Application of Sustainability Considerations in Practice: The Open Remote Case ............. 337
Ron Schipper, Van Aetsveld Project Management and Change, The Netherlands
Snezana Nedeski, Maastricht University, The Netherlands
Chapter 22
Drivers for Sustainable Project Management Behaviours in Facilities Management:
Fluorescent Tube Business Case Example........................................................................................................ 360
    Stephanie Steele, USI Group, Australia

Chapter 23
Experimenting with Project Stakeholder Analysis: A Case Study................................................................. 380
    Claudia Weninger, WU Vienna, Austria
    Martina Huemann, WU Vienna, Austria
    Jairo Cardoso de Oliveira, Siemens Ltd, Brazil
    Luis Fernando Mendonça Barros Filho, Siemens Ltd, Brazil
    Erwin Weitlaner, Siemens AG, Germany

Chapter 24
Instruments and Methods for the Integration of Sustainability in the Project Management:
Case Study from Slovenia.......................................................................................................................... 394
    Aleksander Janeš, University of Primorska, Slovenia
    Armand Faganel, University of Primorska, Slovenia

Overview of Literature on Sustainability in Projects and Project Management.................. 408

Compilation of References ....................................................................................................................... 416

About the Contributors .......................................................................................................................... 443

Index......................................................................................................................................................... 452