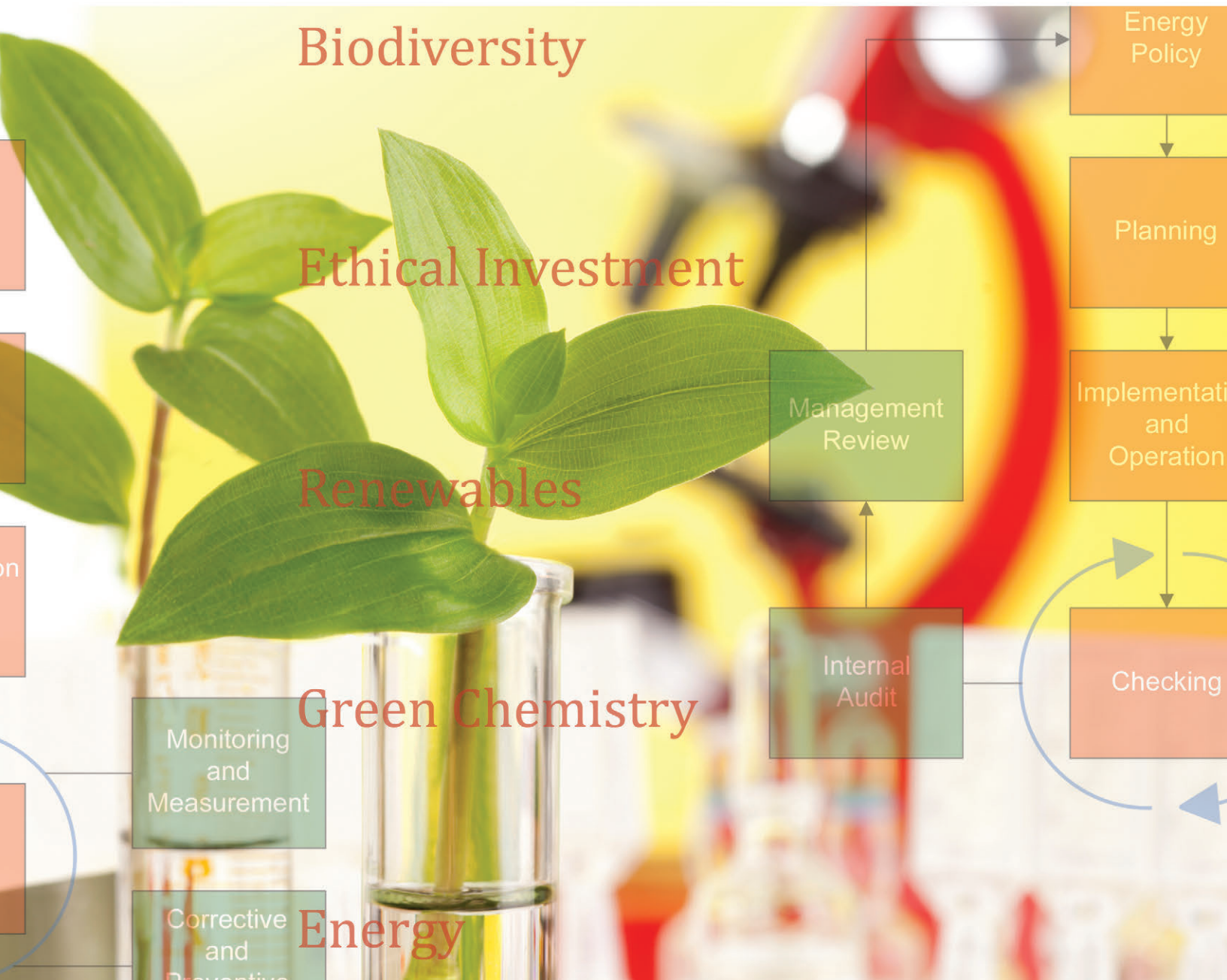


# Sustainability Handbook





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# Sustainability Handbook

**Disclaimer:**

This ISPE Handbook on Sustainability is intended to provide information at the front end of projects that will be useful to the project team in understanding sustainability and its associated criteria as applied to the life sciences industry, with examples where considered useful to explain or provide cause for thought. ISPE cannot ensure and does not warrant that a system managed in accordance with this Handbook will be acceptable to regulatory authorities. Further, this Handbook does not replace the need for hiring professional engineers or technicians.

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# Preface

The *ISPE Handbook: Sustainability* considers sustainability in the context of our life sciences industry, although much of the content is relevant to any industry. It is the first handbook of its type rather than Baseline® Guide or Good Practice Guide that has been published by ISPE.

As an updatable source book with typical guidance in each of the key topic areas rather than set of a definitive guidance items it has been designed to be improved as new information, methods and technologies present themselves.

There are two key sections: Principles/Policy and Design/Engineering application. The first is about what sustainability is, legislative and regulatory impacts, and guidance on sustainability policy making. The second considers the impact of and provides indicative guidance on sustainable drug process and manufacture from facility location and design to equipment selection and use.

Who it is for: A broad spectrum from board to operations/facility manager; from project manager through design engineer and architect to site based equipment engineer as a flick through, pause-and-find tool in the resolution of a better way.

# Acknowledgements

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## Core Team/Chapter Leaders

The following individuals took lead roles and made valuable contributions in the preparation of this document and each managed one or more chapter teams made up of writers and contributors.

Robert J.E. Bowen	Facilities Integration Ltd.	United Kingdom
Dennis Begonis	BR+A Consulting Engineers	USA
Justin Cantor	PSC Biotech	USA
Robert Dream	HDR Company, LLC	USA
Gordon Farquharson	Critical Systems, Ltd.	United Kingdom
Peter Gardner	Torcon, Inc	USA
Nicholas Haycocks	Amgen Inc.	USA
Paolo Leani	Stilmas SpA	Italy
Cristina Testoni	Icos Pharma, Steelco Group	Italy
Josef Trapl	Takeda Pharmaceutical International GmbH	Switzerland
Kacy Wander	Baker Nowicki Design Studio	USA
Martin Wheeler	Energy & Carbon Reduction Solutions	United Kingdom
Ian Wilson	Schneider Electric	United Kingdom

## Chapter Writers and Team Reviewers

These individuals made fundamental contributions during the preparation of this Handbook.

Michelle M. Gonzalez	BioPharm Engineering Consultant	USA
Phil Sumner, Jr.	Pfizer Global Engineering	USA
Johannes Tvrdinic	M+W Group GmbH	Germany
Gary Zoccolante	Evoqua Water Technologies LLC	USA

The team leads would also like to express their grateful thanks to the many individuals and companies from around the world who reviewed and provided comments during the preparation of this Guide; although they are too numerous to list here, their input is greatly appreciated.

Company affiliations are as of the final draft of the Handbook.



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