

Contents

Prefacevii

Foreword.....ix

Part 1: LCA in perspective.....1

1. Why a new Guide to LCA?.....5
2. Main characteristics of LCA.....5
3. International developments10
4. Guiding principles for the present Guide12
5. Reading guide13

Part 2a: Guide.....15

Reading guidance.....19
1. Management of LCA projects: procedures.....21
2. Goal and scope definition31
3. Inventory analysis.....41
4. Impact assessment.....63
5. Interpretation.....97
Appendix A: Terms, definitions and abbreviations109

Part 2b: Operational annex.....121

List of tables125
Reading guidance.....127
1. Management of LCA projects: procedures.....129
2. Goal and scope definition131
3. Inventory analysis.....133
4. Impact assessment.....161
5. Interpretation.....389
6. References.....391

Part 3: Scientific background.....	395
Reading guidance.....	401
1. General introduction.....	403
2. Goal and scope definition	455
3. Inventory analysis.....	477
4. Impact assessment.....	525
5. Interpretation	635
6. References.....	645
Annex A: Contributors	659
Appendix B: Areas of application of LCA.....	661
Appendix C: Partitioning economic inputs and outputs to product systems..	675