

LCI Data for Packaging - 2008

A comprehensive examination of LCI data
specifically for the Packaging Industry

“**LCI** Data for Packaging - 2008” was researched with the ultimate objective of generating a complete set of Life Cycle Inventory (LCI) data for a comprehensive set of packaging raw materials. As a result, several unique LCI data sets were generated and are presented in the study.

Also unique, is the step-by-step methodology used to generate this LCI data. The methodology is examined in great detail in the study; as a result, you will:

- understand the critical relationship between life cycle inventory (LCI) data and the life cycle analysis (LCA) process
- learn the sources of LCI data around the globe
- learn the relevance and importance of these sources to packaging
- understand the drivers, strategies, and decisions that impact published LCI data values
- see comparisons of the data provided by these sources
- gain an understanding of reasons for the differences in the data provided by these sources
- see that only a small portion of the important packaging raw materials are covered by published data
- learn how Allied Development “filled in the blanks” and completed six LCI data sets specifically for packaging raw materials
- gain access to the LCI data sets completed for this study
- use the data for comparison and for your own environmental impact analyses

This study was written for:

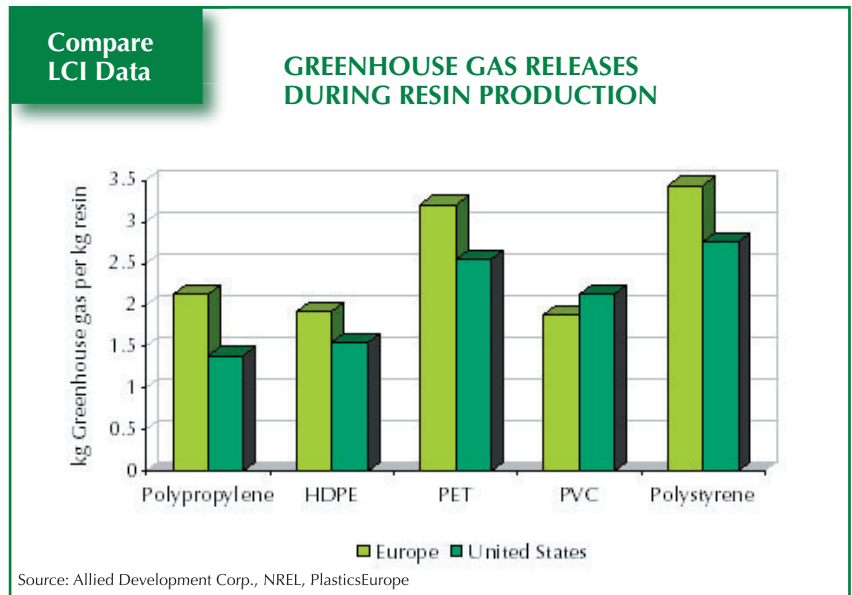
- Packaging professionals interested in sustainability
- Members of sustainability departments
- Sustainability professionals responsible for environmental analysis of packaging
- Packaging professionals interested in quantified environmental impact analysis



LCI Data for Packaging - 2008

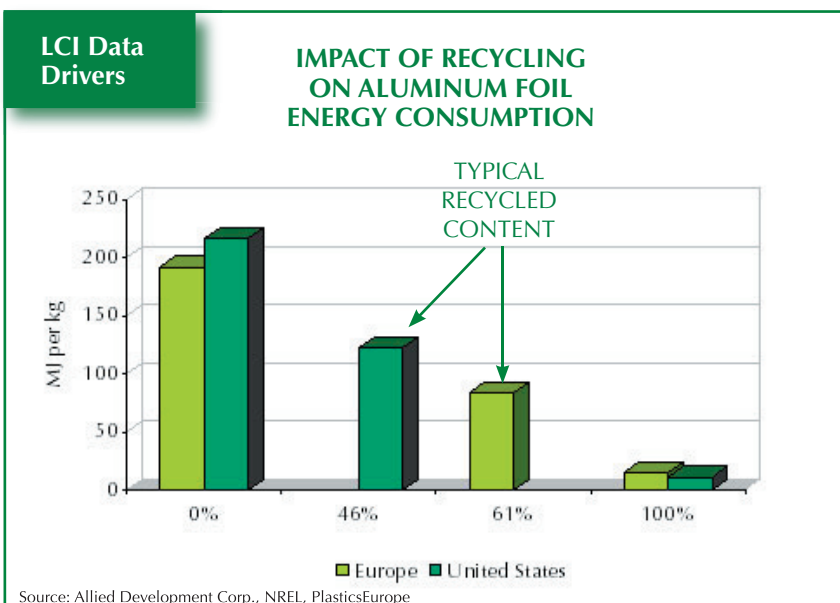
LCI Data for Packaging - 2008 required a rigorous analysis to successfully conclude with accurate LCI data for packaging. In the study we:

- ◇ Identify over 100 raw materials critical to packaging manufacturing
- ◇ Identify sources of LCI data
- ◇ Compare and quantify the data available
- ◇ Document & explain this analysis
- ◇ Supplement available data with our own analysis
- ◇ Complete six (6) unique sets of LCI data for packaging raw materials
- ◇ Present these LCI data sets that include European, North American, and Global data



“LCI Data for Packaging - 2008” guides you through the process, drivers, strategies, and decisions that can affect LCI data. For example, there are many variations in the process of generating LCI data; sampling strategy, data collection, data analysis, and many other factors can effect LCI data values. There are many key decisions that can affect LCI data including LCI data boundaries, biomass credits, other energy and greenhouse gas credits, recycling, disposal, and many others. In addition, the world is continuously changing; as production processes, technology, energy sources, and other factors change, so do LCI data values.

All of these influences were evaluated during the process of developing the data sets for this study.



Learn the cause and effect on published LCI data for:

- ◇ recycling
- ◇ incineration
- ◇ biomass credits
- ◇ data collection
- ◇ life cycle methodology
- ◇ process variables
- ◇ technology advances
- ◇ land filling
- ◇ age of LCI data
- ◇ product grades

Table of Contents

Section I:

Introduction

- A. Key definitions
 - 1. Life cycle inventory data
 - 2. Life cycle analysis
 - 3. Cradle-to-grave
 - 4. Cradle-to-gate
 - 5. Gate-to-gate
 - 6. Biomass credits
- B. Study organization
- C. Geographic regions
- D. Methodology
- E. Conventions

Section II:

Executive Summary

- A. LCI data sources
 - 1. Publicly available LCI sources
 - 2. Packaging raw materials
 - 3. LCI data explained
 - 4. LCI data concepts
 - 5. LCI data applied to packaging
- B. LCI data quality
 - 1. LCI data comparisons
 - 2. Causes of LCI data differences
- C. LCI Data sets for packaging
 - 1. United States
 - 2. Europe
 - 3. Global Data

Section III:

LCI Data Sources

- A. LCI data sources
 - 1. Public LCI sources
 - 2. Industry associations and government agencies
 - 3. Other LCI sources
- B. Packaging raw materials
- C. LCI data explained
 - 1. LCI data categories
 - 2. Basic information

- 3. Inputs from nature
- 4. Outputs to nature
- 5. Production outputs
- D. LCI data concepts
 - 1. Inputs from nature
 - 2. Outputs to nature
 - 3. Production outputs
- E. LCI data applied to packaging
 - 1. Original LCI data concept
 - 2. LCI data set for this study
 - 3. Two process types
- F. LCI data standards

Section IV:

LCI Data Quality

- A. LCI data comparisons
 - 1. Energy consumption
 - 2. Greenhouse gases
- B. Causes of LCI data differences
 - 1. Methodology
 - 2. Energy mix
 - 3. Feedstock energy for polymer resins
 - 4. Product (grades) coverage
 - 5. LCI data boundaries
 - 6. Process variation
 - 7. Technology changes
 - 8. Accounting for biomass
 - 9. Carbon credits and renewable energy credits
 - 10. Recycling sensitivity to LCI data
 - 11. Recycling definitions and concepts
 - 12. Recycling popularity
 - 13. End-of-life
 - 14. Transportation
- C. Data availability
- D. LCI data sets for this study – defined
 - 1. Why multiple data sets?
 - 2. Summary
- E. Detailed methodology
 - 1. Overall methodology

- 2. Resins
- 3. Ink, adhesive, coatings
- 4. Paper and paperboard
- 5. Films and non-wovens
- 6. Aluminum foil and sheet
- 7. Steel sheet
- 8. Glass

Section V:

LCI Data Sets for Packaging Raw Materials

- A. United States
 - 1. UnitedStates1
 - 2. UnitedStates2
 - 3. UnitedStates3
- B. Europe
 - 1. Europe1
 - 2. Europe2
- C. Global Data
 - 1. Global1
 - 2. Global2

Section VI:

LCI Data Source Profiles

Section VII:

Glossary

Tables - 37

Figures - 6

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