



[CLICK TO VIEW](#)

[Table of Contents 2](#)

[List of Tables & Charts 3](#)

[Study Overview 4](#)

[Sample Text, Table & Chart 5](#)

[Sample Profile, Table & Forecast 6](#)

[Order Form & Corporate Use License 7](#)

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# World Green Packaging

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Industry Study with Forecasts for **2015 & 2020**

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Study #2796 | August 2011 | \$6100 | 510 pages

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## Table of Contents

### EXECUTIVE SUMMARY

### MARKET ENVIRONMENT

General .....	4
World Economic Overview .....	5
Recent Historical Trends .....	6
Macroeconomic Outlook .....	7
World Demographic Outlook .....	11
World Population Outlook .....	12
World Urban Population Outlook .....	13
World Per Capita Gross Domestic Product.....	15
World Personal Consumption	
& Expenditure Trends.....	17
World Manufacturing Outlook .....	19
World Food & Beverage Manufacturing Outlook	21
World Packaging Outlook.....	24
Environmental Issues.....	28
Regulatory Overview .....	31

### OVERVIEW

Regional Overview.....	35
Product Overview .....	37
Recycled Content Packaging .....	40
Paper .....	44
Metal .....	46
Plastic.....	48
Glass.....	51
Reusable Packaging.....	53
Drums .....	57
Plastic Containers.....	58
Intermediate Bulk Containers.....	61
Other Reusable Packaging.....	64
Degradable Packaging.....	68
Market Overview .....	71
Food.....	74
Beverages.....	77
Consumer Products.....	80
Other Markets .....	85
World Trade Overview.....	88

### NORTH AMERICA

General .....	91
Green Packaging Markets .....	92
Green Packaging Products.....	94
United States .....	95
Canada .....	104
Mexico .....	111

### WESTERN EUROPE

General .....	119
Green Packaging Markets .....	120
Green Packaging Products.....	122
France.....	124
Germany .....	130
Italy .....	137
Netherlands .....	143

Spain .....	148
United Kingdom.....	154
Other Western Europe .....	161

### ASIA/PACIFIC

General .....	169
Green Packaging Markets .....	170
Green Packaging Products.....	173
Australia.....	175
China .....	181
India .....	189
Indonesia .....	196
Japan.....	201
South Korea .....	209
Taiwan .....	214
Other Asia/Pacific .....	220

### OTHER REGIONS

Central & South America .....	229
Brazil.....	233
Other Central & South America.....	240
Eastern Europe .....	246
Russia.....	250
Other Eastern Europe.....	256
Africa/Mideast.....	263
Turkey.....	268
Other Africa/Mideast .....	274

### INDUSTRY STRUCTURE

General .....	282
Market Leaders .....	283
Recycled Content Packaging .....	286
Reusable Packaging.....	288
Degradable Packaging.....	289
Acquisitions & Divestitures.....	291
Cooperative Agreements.....	298
Competitive Strategies.....	304
Manufacturing .....	306
Marketing & Distribution .....	308

### COMPANY PROFILES

Amtcor Limited.....	313
Ardagh Group .....	317
Ball Corporation.....	319
Bemis Company .....	323
Braskem SA .....	327
Caraustar Industries .....	329
Cargill Incorporated.....	331
Cascades Incorporated .....	333
Clear Lam Packaging.....	337
Consolidated Container .....	340
Crown Holdings.....	341
DuPont (EI) de Nemours.....	346
Earthcycle Packaging .....	348
Fabri-Kal Corporation .....	349
Graham Packaging.....	351
Graphic Packaging.....	355
Greif Incorporated.....	358
Huhtamaki Oyj.....	365
Illinois Tool Works.....	369

Innovia Films .....	373
International Paper .....	375
Klabin SA.....	379
Klöckner Pentaplast.....	382
Koch Industries .....	385
MAUSER AG .....	389
MeadWestvaco Corporation .....	393
Menasha Corporation .....	396
Mondi Group .....	400
Myers Industries .....	403
Owens-Illinois Group .....	407
Plastipak Holdings .....	410
Pregis Corporation.....	412
Rengo Company .....	415
Rexam plc.....	418
Reynolds Group.....	421
Rock-Tenn Company .....	429
Rodenburg Biopolymers.....	436
Saint-Gobain .....	437
Schoeller Arca Systems .....	439
SCHÜTZ GmbH .....	441
Sealed Air.....	444
Solo Cup.....	449
Sonoco Products .....	451
Temple-Inland Incorporated.....	456
Tetra Laval International.....	458
Toyo Seikan Kaisha.....	460
Visy Pty.....	462
Other Companies Mentioned in the Study.....	465

## List of Charts

### OVERVIEW

1 World Green Packaging Demand	
by Region, 2010 .....	37
2 World Green Packaging Demand	
by Type, 2010 .....	39
3 World Recycled Content Packaging	
Demand by Region & Material, 2010 ....	43
4 World Reusable Packaging Demand	
by Region & Product, 2010.....	56
5 World Degradable Packaging	
Demand by Region, 2010 .....	71
6 World Green Packaging Demand	
by Market, 2010 .....	73

### NORTH AMERICA

1 North America -- Green Packaging	
Demand by Country, 2010.....	94

### WESTERN EUROPE

1 Western Europe -- Green Packaging	
Demand by Major Country, 2010 .....	122

### ASIA/PACIFIC

1 Asia/Pacific -- Green Packaging	
Demand by Major Country, 2010 .....	173

## List of Tables

### EXECUTIVE SUMMARY

1 Summary Table..... 3

### MARKET ENVIRONMENT

1 World Gross Domestic Product by Region .. 11  
 2 World Population by Region ..... 13  
 3 World Urban Population by Region ..... 15  
 4 World Per Capita Gross Domestic Product  
 by Region ..... 17  
 5 World Personal Consumption  
 Expenditures by Region ..... 19  
 6 World Manufacturing Value Added  
 by Region ..... 21  
 7 World Food & Beverage Manufacturing  
 Value Added by Region ..... 23  
 8 World Packaging Demand  
 by Region & Material ..... 27

### OVERVIEW

1 World Green Packaging Demand by Region 36  
 2 World Green Packaging Demand by Type... 39  
 3 World Recycled Content Packaging  
 Demand by Region & Material ..... 42  
 4 World Recycled Content Paper Packaging  
 Demand by Region & Product ..... 45  
 5 World Recycled Content Metal Packaging  
 Demand by Region & Type ..... 48  
 6 World Recycled Content Plastic Packaging  
 Demand by Region & Product ..... 50  
 7 World Recycled Content Glass Packaging  
 Demand by Region ..... 53  
 8 World Reusable Packaging  
 Demand by Region & Product ..... 55  
 9 World Reusable Drum Demand  
 by Region & Material ..... 58  
 10 World Reusable Plastic Container  
 Demand by Region & Product ..... 61  
 11 World Reusable Intermediate Bulk  
 Container Demand by Region & Type .... 64  
 12 World Other Reusable Packaging  
 Demand by Region & Product ..... 67  
 13 World Degradable Packaging  
 Demand by Region & Product ..... 70  
 14 World Green Packaging Demand by Market 73  
 15 World Food Market for Green  
 Packaging by Region ..... 76  
 16 World Beverage Market for Green  
 Packaging by Region ..... 80  
 17 World Consumer Product Market for  
 Green Packaging by Region ..... 84  
 18 World Other Markets for Green  
 Packaging by Region & Market ..... 87

### NORTH AMERICA

1 North America -- Green Packaging  
 Demand by Market ..... 93  
 2 North America -- Green Packaging  
 Demand by Type ..... 95

3 United States -- Green Packaging  
 Demand by Market ..... 99  
 4 United States -- Green Packaging  
 Demand by Type ..... 101  
 5 Canada -- Green Packaging  
 Demand by Market ..... 107  
 6 Canada -- Green Packaging  
 Demand by Type ..... 109  
 7 Mexico -- Green Packaging  
 Demand by Market ..... 114  
 8 Mexico -- Green Packaging  
 Demand by Type ..... 116

### WESTERN EUROPE

1 Western Europe -- Green Packaging  
 Demand by Market ..... 121  
 2 Western Europe -- Green Packaging  
 Demand by Type ..... 123  
 3 France -- Green Packaging  
 Demand by Market ..... 126  
 4 France -- Green Packaging  
 Demand by Type ..... 128  
 5 Germany -- Green Packaging  
 Demand by Market ..... 133  
 6 Germany -- Green Packaging  
 Demand by Type ..... 135  
 7 Italy -- Green Packaging  
 Demand by Market ..... 140  
 8 Italy -- Green Packaging  
 Demand by Type ..... 141  
 9 Netherlands -- Green Packaging  
 Demand by Market ..... 145  
 10 Netherlands -- Green Packaging  
 Demand by Type ..... 147  
 11 Spain -- Green Packaging  
 Demand by Market ..... 151  
 12 Spain -- Green Packaging  
 Demand by Type ..... 153  
 13 United Kingdom -- Green Packaging  
 Demand by Market ..... 157  
 14 United Kingdom -- Green Packaging  
 Demand by Type ..... 159  
 15 Other Western Europe -- Green Packaging  
 Demand by Market & Country ..... 164  
 16 Other Western Europe -- Green Packaging  
 Demand by Type ..... 166

### ASIA/PACIFIC

1 Asia/Pacific -- Green Packaging  
 Demand by Market ..... 172  
 2 Asia/Pacific -- Green Packaging  
 Demand by Type ..... 174  
 3 Australia -- Green Packaging  
 Demand by Market ..... 177  
 4 Australia -- Green Packaging  
 Demand by Type ..... 179  
 5 China -- Green Packaging  
 Demand by Market ..... 185  
 6 China -- Green Packaging  
 Demand by Type ..... 187  
 7 India -- Green Packaging  
 Demand by Market ..... 192  
 8 India -- Green Packaging  
 Demand by Type ..... 194

9 Indonesia -- Green Packaging  
 Demand by Market ..... 198  
 10 Indonesia -- Green Packaging  
 Demand by Type ..... 200  
 11 Japan -- Green Packaging  
 Demand by Market ..... 205  
 12 Japan -- Green Packaging  
 Demand by Type ..... 207  
 13 South Korea -- Green Packaging  
 Demand by Market ..... 211  
 14 South Korea -- Green Packaging  
 Demand by Type ..... 213  
 15 Taiwan -- Green Packaging  
 Demand by Market ..... 217  
 16 Taiwan -- Green Packaging  
 Demand by Type ..... 219  
 17 Other Asia/Pacific -- Green Packaging  
 Demand by Market & Country ..... 223  
 18 Other Asia/Pacific -- Green Packaging  
 Demand by Type ..... 225

### OTHER REGIONS

1 Central & South America -- Green  
 Packaging Demand by Market ..... 231  
 2 Central & South America -- Green  
 Packaging Demand by Type ..... 233  
 3 Brazil -- Green Packaging  
 Demand by Market ..... 236  
 4 Brazil -- Green Packaging  
 Demand by Type ..... 238  
 5 Other Central & South America --  
 Green Packaging Demand  
 by Market & Country ..... 242  
 6 Other Central & South America --  
 Green Packaging Demand by Type ..... 244  
 7 Eastern Europe -- Green Packaging  
 Demand by Market ..... 248  
 8 Eastern Europe -- Green Packaging  
 Demand by Type ..... 250  
 9 Russia -- Green Packaging  
 Demand by Market ..... 253  
 10 Russia -- Green Packaging  
 Demand by Type ..... 255  
 11 Other Eastern Europe -- Green Packaging  
 Demand by Market & Country ..... 259  
 12 Other Eastern Europe -- Green  
 Packaging Demand by Type ..... 261  
 13 Africa/Mideast -- Green Packaging  
 Demand by Market ..... 266  
 14 Africa/Mideast -- Green Packaging  
 Demand by Type ..... 268  
 15 Turkey -- Green Packaging  
 Demand by Market ..... 271  
 16 Turkey -- Green Packaging  
 Demand by Type ..... 273  
 17 Other Africa/Mideast -- Green  
 Packaging Demand by Market ..... 277  
 18 Other Africa/Mideast -- Green  
 Packaging Demand by Type ..... 279

### INDUSTRY STRUCTURE

1 Selected Green Packaging Companies..... 284  
 2 Selected Acquisitions & Divestitures..... 294  
 3 Selected Cooperative Agreements..... 300

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*Advances in world green packaging demand will be driven by growth in the broader “green” movement and trends toward environmentally friendly packaging.*

## World demand to rise 5.7% annually through 2015

World demand for green packaging (which encompasses recycled content, reusable and degradable packaging) is projected to rise 5.7 percent per year to \$212 billion in 2015. Advances will be driven by growth in the broader “green” movement and trends toward environmentally friendly packaging. While recycled content packaging will remain by far the largest product type through the forecast period and beyond, this segment will see the slowest increases due to the maturity of products such as metal cans and glass containers. On the other hand, above-average demand growth is expected in reusable and degradable packaging. In particular, demand for degradable packaging will continue to see double-digit annual growth rates.

## Recycled content packaging to remain dominant

Gains in recycled content packaging will be supported by increased collection activity and processing capacity, coupled with greater use of recycled content packaging by firms seeking to demonstrate environmental responsibility and differentiate their products. Also supporting advances will be efforts by industry associations, brand owners, packaging firms and others to promote recycling initiatives in order to raise the recycling rates of different types of packaging materials. However, increases in recycled content packaging demand will be

## World Green Packaging Demand (\$160.8 billion, 2010)



limited by the general maturity of products such as corrugated boxes and metal cans, and the existing high levels of recycled content in them.

## Reusable, degradable packaging to grow fastest

Demand for reusable packaging will be boosted by an acceleration in global manufacturing activity. In particular, demand for reusable drums will benefit from an upswing in global chemical output, as chemicals comprise the leading application for these products. However, competition from larger reusable formats such as intermediate bulk containers (IBCs) will prevent faster growth in drum demand. Additionally, the

relatively long service life of most reusable packaging will limit the need for purchasing replacement units, a factor that will offer source reduction and cost advantages, but will continue to hamper growth in sales of new units. Degradable packaging will continue to see the fastest advances in demand, but will only account for approximately one percent of the overall green packaging market through 2015. Gains will be driven by greater price competitiveness with conventional packaging options, capacity expansions, increased importance of sustainability in packaging, and enhanced performance properties brought about by the use of additives, improved polymerization and new blending techniques.

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**Sample Text,  
 Table & Chart**

**ASIA/PACIFIC**

**India: Green Packaging Products**

Recycled content packaging is by far the largest green product segment, accounting for 87 percent of India's total demand in 2010. Despite facing tough competition from plastic material, content paper and metal packaging demand will continue to grow for the biggest shares of the recycled content packaging segment with a wide margin. The fastest gains are expected for recycled content packaging, which will continue to take market share from metal and glass containers due to plastic's lower cost, lighter weight and performance properties. Packaging requirements largely control expensive containers, which holds down market value. The use of and/or reusable packaging alternatives -- such as newspaper, and wood crates in lieu of paper, metal, plastic or glass containers also limit demand for recycled content packaging.

Reusable drum demand will be supported by India's very large and fast-growing chemical and pharmaceutical industry, which is the largest market for drums (India's chemical and pharmaceutical output level is the third highest in the world, behind the US and China). Demand for reusable plastic containers and IBCs will benefit from increasing requirements for good barrier properties, as well as value-added features, such as durability and corrosion resistance. Unlike in many other countries, polyethylene terephthalate (PET) is among the most broadly used packaging materials in India, as the country's abundant domestic PET supplies render the high-performance resin more affordable than in other markets. Reusable glass bottles will remain popular in beverage markets, as it is easier for manufacturers to collect, sanitize and refill bottles than plastic. Despite the growth, demand for glass containers will remain limited due to prohibitively high costs.

**SAMPLE  
 TEXT**

**TABLE VI-8**

**INDIA -- GREEN PACKAGING DEMAND BY TYPE  
 (million dollars)**

Item	2000	2005	2010	2015	2020
Packaging Demand (bil \$)					
% green packaging					
Green Packaging Demand					
Recycled Content Packaging:					
Paper					
Metal					
Plastic					
Glass					
Reusable Packaging:					
Drums					
Plastic Containers					
Intermediate Bulk Containers					
Other Reusable Packaging					
Degradable Packaging					

**SAMPLE  
 TABLE**

**CHART III-6**

**WORLD GREEN PACKAGING DEMAND BY MARKET  
 (\$160.8 billion, 2010)**



**SAMPLE  
 CHART**

## Sample Profile, Table & Forecast

### COMPANY PROFILES

**Earthcycle Packaging Limited**  
 210-1200 West 73rd Avenue  
 Vancouver, British Columbia V6P 6G5  
 Canada  
 604-899-0928  
 http://www.ear

Annual Sales:  
 Employment:

Key Products:  
 palm fiber

**SAMPLE  
PROFILE**

Earthcycle Packaging produces biodegradable and compostable packaging based on palm fiber for the produce, foodservice, poultry, seafood and garden markets, among others. The Company is privately held.

The Company is active in the world green packaging industry through the manufacture of EARTHCYCLE packaging, which is made from renewable palm fiber and engineered to decompose within 90 days in home compost areas. This recyclable packaging includes fresh produce packs for blueberries, strawberries, raspberries, kiwi fruit, mangoes, tomatoes, bell peppers, zucchini, and other fruits and vegetables; and foodservice takeout containers, which can be used for packaging sandwiches, salads, French fries, hamburgers and other foods. Earthcycle Packaging also manufactures customized packaging products designed to meet specific customer requirements. The Company's EARTHCYCLE packaging is available with several lid options, including rigid polyethylene terephthalate (PET) and recycled PET types and low density polyethylene stretch wrap, as well as NATUREFLEX film made by Innovia Films Limited (United Kingdom).

348

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TABLE VI-7

### INDIA -- GREEN PACKAGING DEMAND BY MARKET

Item	2000	2005	2010	2015	2020
Population (mil persons)					12
\$ GDP/capita					0
Gross Domestic Product (bil 2009\$)					5
Personal Consumption Expend (bil 2009\$)					0
Manufacturing Value Added (bil 2009\$)					0
Food & Beverage MVA (bil 2009\$)					5
\$ green packaging/000\$ GDP					4
Green Packaging Demand (mil \$)					0
Food					0
Beverages					0
Consumer Products					0
Other Markets					0
% India					9
Asia/Pacific Green Packaging (mil \$)					20

**SAMPLE  
TABLE**

"Through 2015, green packaging demand in India is forecast to increase 12.4 percent per year to \$5.1 billion. This represents one of the fastest growth rates in the world, but advances will stem from a small base. Despite these rapid gains, usage intensity (as measured against gross domestic output) of green packaging in India will remain among the lowest in the world. As a result, long-term growth potential exists in this country for all major product types, and in virtually all major markets. Furthermore, ..."

--Section VI, pg. 191

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**OTHER STUDIES**

**Foodservice Disposables**

US demand for foodservice disposables is expected to increase 4.1 percent annually through 2015. Packaging products will achieve the fastest gains, followed by serviceware, napkins and other products. Retail and vending will be the fastest growing market, while the eating and drinking places segment remains dominant. This study analyzes the \$15.3 billion US foodservice disposables industry, with forecasts for 2015 and 2020 by product and market. The study also evaluates company market share and profiles industry players.

#2787 ..... August 2011 ..... \$5100

**Food Containers: Rigid & Flexible**

US demand for food containers is forecast to increase three percent annually through 2015. Plastic containers and bags and pouches will be the fastest growing segments, continuing to supplant paperboard, metal and glass containers. Best market prospects include frozen specialties, snack foods, dairy products, and sauces and condiments. This study analyzes the \$23 billion US rigid and flexible food container industry, with forecasts for 2015 and 2020 by type and market. The study also evaluates company market share and profiles industry competitors.

#2754 ..... April 2011 ..... \$5100

**World Cups & Lids**

World demand for cups and lids will rise five percent per year through 2014, fueled in part by advances in the quick service restaurant industry. Products made from biodegradable, recyclable or recycled materials will post robust advances. The US will remain by far the largest market, while developing regions grow the fastest. This study analyzes the \$18.3 billion world cup and lid industry, with forecasts for 2014 and 2019 by product, market, world region and for 18 countries. It also evaluates company market share and profiles industry players.

#2741 ..... March 2011 ..... \$5800

**Green Packaging**

US demand for green packaging will rise 3.9 percent annually through 2014, outpacing growth in overall packaging demand. The fastest gains are anticipated for degradable packaging -- from a relatively small base -- and for plastic recycled content packaging. This study analyzes the \$34 billion US market for recycled content, reusable and degradable packaging, with forecasts for 2014 and 2019 by material, product and market. It also discusses source reduction and recycling activity, details industry structure and profiles industry competitors.

#2721 ..... January 2011 ..... \$5100

**Paper versus Plastic in Packaging**

In selected packaging markets where paper and plastic compete, plastic will make further inroads into paper. Rigid packaging demand will slightly outpace flexible packaging based on above-average growth for tubs and cups, trays, clamshells and two-piece high visibility plastic containers. This study analyzes the 23.2 billion pound competitive plastic and paper packaging industry in the US, with forecasts for 2014 and 2019 by product and market. It also discusses market leaders and profiles selected industry players.

#2698 ..... November 2010 ..... \$4900

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