

# The Global Active, Intelligent and Smart Food & Drink Packaging Market 2011-2021

<https://marketpublishers.com/r/GE91DF5CC39EN.html>

Date: February 2011

Pages: 132

Price: US\$ 2,325.00 (Single User License)

ID: GE91DF5CC39EN

## Abstracts

This brand new materials report analyses the evolving industry trends occurring in the global active, intelligent and smart food & drink packaging and anticipates the progression in the market over the next decade. The report also surveys recent market trends among major companies and reveals where the market will experience growth, laying out the market's strengths and weaknesses with targeted forecasts. Visiongain's analysis has concluded that the global value of the active, intelligent and smart food & drink packaging market will reach \$11.7bn in 2011.

The Global Active, Intelligent and Smart Food & Drink Packaging Market 2011-2021 report examines the scope of growth available in this dynamic market sector along with the developments related to the changing demographics of the world population, increasing health issues, emerging economies, rising GDPs, and the reformation in laws and regulations, and their impact on the active, intelligent and smart food & drink packaging industry. Our detailed study analyses the global active, intelligent and smart food & drink packaging industry and explores the promising emerging market potential as the demand for active, intelligent and smart packaging increases in these countries due to rising concerns over health awareness, food safety, ecological packaging and food wastage.

As the global active, intelligent and smart food & drink packaging market undergoes regional shifts and technological changes, the future of the industry will look very different, leading to growth opportunities. Moreover, the industry is likely to experience several revolutions and reformations, as new products and processes will be introduced to the world market, along with the improved production and recycling processes. These business opportunities are described in detail within this report.

Which nations offer the most significant growth opportunities between 2011 and 2021? To what extent can active, intelligent and smart food & drink packaging prove beneficial? How and why is active, intelligent and smart food & drink packaging considered a better option than other packaging options used for several industrial applications? Which factors are influencing the design and requirements of active, intelligent and smart food & drink packaging products?

Visiongain answers these critical questions and many more through the in-depth analyses that are presented in this report.

### Comprehensive analysis of The Global Active, Intelligent and Smart Food & Drink Packaging Market

The Global Active, Intelligent and Smart Food & Drink Packaging Market 2011-2021 report examines this important sector critically. We supply a comprehensive review of contracts via analysis of policy documents, news reports, industry publications, market analysis and consultations with experts. This report provides detailed global and national market forecasts, a SWOT analysis, technological developments and analyses of commercial drivers and restraints. There are original interviews from key players in the field who provide insights into different aspects of the global active, intelligent and smart food & drink packaging market and offer their own analysis. You will not find these analyses anywhere else.

Why your prospects should buy The Global Active, Intelligent and Smart Food & Drink Packaging Market 2011-2021

#### **The main benefits from purchasing this report:**

You will gain an understanding of the current global active, intelligent and smart food & drink packaging market and how it will evolve over the next decade.

You will receive global sales forecasts for the period 2011-2021.

You will be able to examine sales forecasts for the leading 10 national markets for the period 2011-2021.

You will be able to study 56 tables, charts and graphs quantifying the active, intelligent and smart food & drink packaging market in detail.

You will gain insight into the market drivers and restraints influencing the active, intelligent and smart food & drink packaging over the period 2011-2021.

You will gain insight into major important game-changing technological developments within the active, intelligent and smart food & drink packaging market.

You will gain knowledge of who the leading players are within the active, intelligent and smart food & drink packaging marketplace.

You will receive a SWOT analysis for the global active, intelligent and smart food & drink packaging market from 2011-2021.

You will read original interviews, with expert views from companies working on projects that will define the future of the active, intelligent and smart food & drink packaging, which offer insights into the analysis, as well as their own reflections on the market. These companies include :

Zebra Technologies

NTERA Inc.

## Contents

### **1. EXECUTIVE SUMMARY**

1.1 Growth in the National Active, Intelligent and Smart Food & Drink Packaging Markets

1.2 Key Technologies in the Active, Intelligent and Smart Food & Drink Packaging Industry

### **2. INTRODUCTION TO THE ACTIVE, INTELLIGENT AND SMART FOOD & DRINK PACKAGING MARKET**

2.1 Active Packaging

2.2 Intelligent Packaging

2.3 Smart Packaging

2.4 Factors Leading to the Growth of Active, Intelligent and Smart Food & Drink Packaging Market

2.4.1 Intelligent Packaging to Assist in Communicating

2.4.2 Quality Assurance Using Intelligent Labels

2.4.3 Enhanced Packaging for Fresh Fruits & Vegetables

2.4.4 Self-Heating and Self-Chilling Packaging

2.4.5 Smart Packaging Concepts for Pharmaceuticals

2.4.6 Intelligent Tamper-Proof Packaging

2.5 Active, Intelligent and Smart Packaging Systems and Their Applications

2.5.1 Oxygen Scavenging

2.5.2 Carbon Dioxide Production

2.5.3 Water Vapour Removal / Humidity Control

2.5.4 Ethylene Scavenging / Ethylene Removal

2.5.5 Ethanol Release

2.6 Benefits of the Report

### **3. THE GLOBAL ACTIVE, INTELLIGENT AND SMART FOOD & DRINK PACKAGING MARKET 2011-2021**

3.1 Chief Active, Intelligent and Smart Packaging Consuming Markets

3.2 Key Technology Contributing to the Growth of the Active, Intelligent and Smart Packaging Market

3.3 Factors Leading to the Growth of Active, Intelligent and Smart Food and Drink Packaging Market

### 3.4 Active, Intelligent and Smart Food & Drink Packaging Market by Technology Type

#### 3.4.1 Gas Scavengers

##### 3.4.1.1 Other Forms of Scavengers

#### 3.4.2 Corrosion Control Packaging

#### 3.4.3 Moisture Control Packaging

#### 3.4.4 Other Intelligent Packaging

#### 3.4.5 Other Active Packaging

### 3.5 Positive Outlook for Active, Intelligent and Smart Food & Drink Packaging

### 3.6 Growth in Leading Nations

## **4. LEADING NATIONAL ACTIVE, INTELLIGENT AND SMART FOOD & DRINK PACKAGING MARKETS 2011-2021**

### 4.1 The US Active, Intelligent & Smart Food & Drink Packaging Market 2011-2021

### 4.2 Japanese Active, Intelligent & Smart Food & Drink Packaging Market 2011-2021

### 4.3 Australian Active, Intelligent & Smart Food & Drink Packaging Market 2011-2021

### 4.4 The UK Active, Intelligent & Smart Food & Drink Packaging Market 2011-2021

### 4.5 German Active, Intelligent & Smart Food & Drink Packaging Market 2011-2021

### 4.6 Chinese Active, Intelligent & Smart Food & Drink Packaging Market 2011-2021

### 4.7 Italian Active, Intelligent & Smart Food & Drink Packaging Market 2011-2021

### 4.8 Thai Active, Intelligent & Smart Food & Drink Packaging Market 2011-2021

### 4.9 French Active, Intelligent & Smart Food & Drink Packaging Market 2011-2021

### 4.10 Indian Active, Intelligent & Smart Food & Drink Packaging Market 2011-2021

### 4.11 Rest of the World Active, Intelligent & Smart Food & Drink Packaging Market 2011-2021

## **5. SWOT ANALYSIS OF THE GLOBAL ACTIVE, INTELLIGENT AND SMART FOOD & DRINK PACKAGING MARKET 2011-2021**

### 5.1 Strengths

#### 5.1.1 Rising Demand for Fresh and Quality Packaged Food

#### 5.1.2 Offers Longer Shelf Life and Product Monitoring

#### 5.1.3 Sustainable Form of Packaging

#### 5.1.4 Emerging Trend in Developing Economies

#### 5.1.5 Offers Product Monitoring Capability to Curb Increasing Number of Counterfeit Products

### 5.2 Weaknesses

#### 5.2.1 RFID System is Not Infallible

#### 5.2.2 Recycling of AI&S Packaging is Still a Concern

5.2.3 Sales Predominantly to a Few Large Customers

5.2.4 Lack of Market Awareness about Advanced Packaging Technologies and its Benefits

5.3 Opportunities

5.3.1 Developing Economies offer Tremendous Scope

5.3.2 Growing Market Supported by EU, USA and Japan

5.3.3 Rising Health Consciousness Offers Several Prospects

5.3.4 Increasing Demand for Organic Food

5.4 Threats

5.4.1 Harmful Effects of Packaging Materials on Consumer's Body

5.4.2 Consumers Feel Loss of Privacy

5.4.3 Increasing Testing and Infrastructure Costs

5.4.4 Small Players with Lack of Sufficient Research and Development Infrastructure

## **6. EXPERT OPINION**

6.1 Matthew Parker, Market Development Manager at Zebra Technologies EMEA

6.1.1 Growth Drivers

6.1.2 Technical Issues Surrounding the AI&S Packaging Market

6.1.3 Leading National Markets and Expanding Applications

6.1.4 Leading Nations in AI&S Food & Drink Packaging Applications

6.1.5 Emerging AI&S Food & Drink Packaging Markets

6.2 Chris Giacoponello, Vice President, Business Development and Marketing, NTERA, Inc

6.2.1 Current Status of AI&S Food & Drink Packaging Market

6.2.2 Outlook of the AI&S Packaging Market

6.2.3 Technologies Driving the AI&S Food & Drink Packaging Market

6.2.4 Factors Restraining the AI&S Food & Drink Packaging Market

6.2.5 Factors Driving the AI&S Food & Drink Packaging Market

6.2.6 Paradigm Shift in the AI&S Packaging Market

6.2.7 Anticipated Growth Rates

6.2.8 Prevailing Trends in the Global AI&S Packaging Market

6.2.9 Main Drivers Leading to the Growth of AI&S Packaging

6.2.10 Concerns Revolving Around AI&S Food & Drink Packaging Market

6.2.11 Competition from Other Markets Foreseen

6.2.12 Future AI&S Food & Drink Packaging Market

## **7. LEADING COMPANIES IN THE ACTIVE, INTELLIGENT AND SMART FOOD & DRINK PACKAGING MARKET**

- 7.1 Amcor Limited
- 7.2 Ampacet Corporation
- 7.3 Ball Corporation
- 7.4 Constar International
- 7.5 Crown Holdings
- 7.6 Desiccare Inc.
- 7.7 Freshpoint Holdings SA
- 7.8 Graham Packaging
- 7.9 Information Mediary Corporation
- 7.10 Infratab Incorporated
- 7.11 Landec Corporation
- 7.12 Maxwell Chase Technologies LLC
- 7.13 MeadWestvaco Corporation
- 7.14 Mitsubishi Gas Chemical Company Ltd.
- 7.15 Multisorb Technologies
- 7.16 PakSense Incorporated
- 7.17 Paper Pak Industries
- 7.18 Rexam PLC
- 7.19 Timestrip PLC
- 7.20 VIP Packaging
- 7.21 Other Leading Active, Intelligent and Smart Food & Drink Packaging Companies

## **8. CONCLUSIONS**

- 8.1 The Growth of the Global Active, Intelligent and Smart Food & Drink Packaging Market 2011
- 8.2 Sub-Markets Contributing to the Global Growth of Active, Intelligent & Smart Food & Drink Packaging
- 8.3 Leading National Active, Intelligent and Smart Food & Drink Packaging Markets
- 8.4 Drivers and Restraints in the Global Active, Intelligent and Smart Food & Drink Packaging Market
- 8.5 Positive Outlook of the Global Active, Intelligent and Smart Food & Drink Packaging Market

## **9. GLOSSARY**

## List Of Tables

### LIST OF TABLES

Table 2.1 Active, Intelligent and Smart Packaging Applications in Food and Beverage Market 2011

Table 3.1 Global Active, Intelligent & Smart Food & Drink Packaging Market Forecast 2011-2021 (\$bn, AGR %)

Table 3.2 Global Active, Intelligent & Smart Food & Drink Packaging Market Forecast CAGR (%) 2011-2021, 2011-2016, and 2016-2021

Table 3.3 Factors Contributing to the Growth of Active, Intelligent and Smart Food & Drink Packaging 2011

Table 3.4 Types of Scavengers Used in Active, Intelligent and Smart Food & Drink Packaging 2011

Table 3.5 Drivers and Restraints of the Global Active, Intelligent and Smart Food & Drink Packaging Market 2011-2021

Table 4.1 Leading National Active, Intelligent & Smart Food & Drink Packaging Market Forecasts 2011-2021 (\$bn, AGR %)

Table 4.2 US Active, Intelligent & Smart Food & Drink Packaging Market Forecast 2011-2021 (\$bn, AGR %)

Table 4.3 US Active, Intelligent & Smart Food & Drink Packaging Market Forecast CAGR (%) 2011-2021, 2011-2016, and 2016-2021

Table 4.4 Japanese Active, Intelligent & Smart Food & Drink Packaging Market Forecast 2011-2021 (\$bn, AGR %)

Table 4.5 Japanese Active, Intelligent & Smart Food & Drink Packaging Market Forecast CAGR (%) 2011-2021, 2011-2016, and 2016-2021

Table 4.6 Leading Japanese Active, Intelligent & Smart Food & Drink Packaging Manufacturers

Table 4.7 Major Technology Developments in the Japanese Active, Intelligent & Smart Food & Drink Packaging Market

Table 4.8 Packaging Material Innovations in the Japanese Active, Intelligent & Smart Food & Drink Packaging Market

Table 4.9 Eco-friendly Packaging Solutions in the Japanese Active, Intelligent & Smart Food & Drink Packaging Market

Table 4.10 Australian Active, Intelligent & Smart Food & Drink Packaging Market Forecast 2011-2021 (\$bn, AGR %)

Table 4.11 Australian Active, Intelligent & Smart Food & Drink Packaging Market Forecast CAGR (%) 2011-2021, 2011-2016, and 2016-2021

Table 4.12 UK Active, Intelligent & Smart Food & Drink Packaging Market Forecast



2011-2021 (\$bn, AGR %)

Table 4.13 UK Active, Intelligent & Smart Food & Drink Packaging Market Forecast  
CAGR (%) 2011-2021, 2011-2016, and 2016-2021

Table 4.14 German Active, Intelligent & Smart Food & Drink Packaging Market Forecast  
2011-2021 (\$bn, AGR %)

Table 4.15 German Active, Intelligent & Smart Food & Drink Packaging Market Forecast  
CAGR (%) 2011-2021, 2011-2016, and 2016-2021

Table 4.16 Chinese Active, Intelligent and Smart Food and Drink Packaging Market  
Forecast 2011-2021 (\$bn, AGR %)

Table 4.17 Chinese Active, Intelligent and Smart Food and Drink Packaging Market  
Forecast CAGR (%) 2011-2021, 2011-2016, and 2016-2021

Table 4.18 Italian Active, Intelligent & Smart Food & Drink Packaging Market Forecast  
2011-2021 (\$bn, AGR %)

Table 4.19 Italian Active, Intelligent & Smart Food & Drink Packaging Market Forecast  
CAGR (%) 2011-2021, 2011-2016, and 2016-2021

Table 4.20 Thai Active, Intelligent & Smart Food & Drink Packaging Market Forecast  
2011-2021 (\$bn, AGR %)

Table 4.21 Thai Active, Intelligent & Smart Food & Drink Packaging Market Forecast  
CAGR (%) 2011-2021, 2011-2016, and 2016-2021

Table 4.22 French Active, Intelligent & Smart Food & Drink Packaging Market Forecast  
2011-2021 (\$bn, AGR %)

Table 4.23 French Active, Intelligent & Smart Food & Drink Packaging Market Forecast  
CAGR (%) 2011-2021, 2011-2016, and 2016-2021

Table 4.24 Indian Active, Intelligent & Smart Food & Drink Packaging Market Forecast  
2011-2021 (\$bn, AGR %)

Table 4.25 Indian Active, Intelligent & Smart Food & Drink Packaging Market Forecast  
CAGR (%) 2011-2021, 2011-2016, and 2016-2021

Table 4.26 RoW Active, Intelligent & Smart Food & Drink Packaging Market Forecast  
2011-2021 (\$bn, AGR %)

Table 4.27 RoW Active, Intelligent & Smart Food & Drink Packaging Market Forecast  
CAGR (%) 2011-2021, 2011-2016, and 2016-2021

Table 5.1 SWOT Analysis of the Active, Intelligent & Smart Packaging Food & Drink  
Packaging Market 2011-2021

Table 7.1 Leading Companies in the Active, Intelligent and Smart Food & Drink  
Packaging Market 2011

## List Of Figures

### LIST OF FIGURES

Figure 1.1 Global Active, Intelligent and Smart Packaging Applications in Food and Drink Market by Value 2011, 2016, 2021 (\$bn)

Figure 1.2 Comparisons Between Global Active, Intelligent and Smart Food & Drink Packaging Market CAGR (%) in 2011-2016 and 2016-2021

Figure 1.3 National Active, Intelligent and Smart Food & Drink Packaging Market Forecast 2011-2021(\$bn)

Figure 1.4 Active, Intelligent and Smart Food & Drink Packaging Market Share by Technology 2011-2021

Figure 2.1 Submarket Share by Application of the Global Active, Intelligent and Smart Food & Drink Packaging Market 2011 (%)

Figure 2.2 Model of a Colour Indicating Tag to Monitor the Freshness of Seafood Products

Figure 3.1 Global Active, Intelligent & Smart Food & Drink Packaging Market Forecast 2011-2021 (\$bn)

Figure 3.2 Global Active, Intelligent & Smart Food & Drink Packaging Market by Sub Market Applications 2011 (%)

Figure 3.3 Global Active, Intelligent & Smart Food & Drink Packaging Market by Technology 2011 (%)

Figure 4.1 Leading National Active, Intelligent & Smart Food & Drink Packaging National Markets 2011-2021(\$bn)

Figure 4.2 US Active, Intelligent & Smart Food & Drink Packaging Market Forecast 2011-2021 (\$bn)

Figure 4.3 Japanese Active, Intelligent & Smart Food & Drink Packaging Market Forecast 2011-2021 (\$bn)

Figure 4.4 Australian Active, Intelligent & Smart Food & Drink Packaging Market Forecast 2011-2021 (\$bn)

Figure 4.5 UK Active, Intelligent & Smart Food & Drink Packaging Market Forecast 2011-2021 (\$bn)

Figure 4.6 German Active, Intelligent & Smart Food & Drink Packaging Market Forecast 2011-2021 (\$bn)

Figure 4.7 Chinese Active, Intelligent and Smart Food and Drink Packaging Market Forecast 2011-2021 (\$bn)

Figure 4.8 Italian Active, Intelligent & Smart Food & Drink Packaging Market Forecast 2011-2021 (\$bn)

Figure 4.9 Thai Active, Intelligent & Smart Food & Drink Packaging Market Forecast

2011-2021 (\$bn)

Figure 4.10 French Active, Intelligent & Smart Food & Drink Packaging Market Forecast

2011-2021 (\$bn)

Figure 4.11 Indian Active, Intelligent & Smart Food & Drink Packaging Market Forecast

2011-2021 (\$bn)

Figure 4.12 RoW Active, Intelligent & Smart Food & Drink Packaging Market Forecast

2011-2021 (\$bn)

Figure 8.1 Global Active, Intelligent & Smart Food & Drink Packaging Market by Sub Markets Applications 2011(%)

## **COMPANIES MENTIONED IN THIS REPORT**

3M

Active Packaging Ltd.

Adept Technology

AgION Technologies

AMCOL Minerals Europe

Amcor Flexibles

Amcor Limited

Amcor PET Packaging

Ampacet Corporation

Avery Dennison

Ball Corporation

BASF SE

Bemis Company

BestBuy

Botest Systems GmbH

Carton Pack

Cheng Loong Corporation

Cheng Loong Corporation

Ciba Speciality Chemicals

Coles Supermarkets

ColorMatrix Corporation

Constar International

Coopbox Group

Cortec Corporation

COX Technologies

Crown Holdings

Cryolog

CSP Technologies  
Dai Nippon Printing Co. Ltd.  
Daiko Sangyo Co. Ltd.  
Daubert Industries  
Denka Polymer Co., Ltd.  
DuPont  
Edika  
EMBALLAGE  
EMCO Packaging Systems  
Finetec Co., Ltd.  
FreshPoint  
Freshpoint Holdings SA  
Grace Darex Packaging Technologies  
Graham Packaging  
Graphic Packaging Holding Company  
Groupe Casino  
Haliburton International Foods, Inc.  
Heinz  
Honeywell International Inc.  
Huber Packaging Group GmbH & Co KG  
Huhtamaki UK  
Illinois Tool Works Inc.  
Infratab Incorporated  
Interpack  
Jemco Industries Ltd.  
Kyodo Printing Co., Ltd.  
La Belle Chaurienne  
Landec Corporation  
Leclerc  
Linpac Packaging  
Maxwell Chase Technologies LLC  
Metal and Materials Technology Center  
Mitsubishi Gas Chemical Company Ltd.  
Monoprix  
Multisorb Technologies  
Nagata scale Co., Ltd.  
Nippon Soda Co., Ltd.  
NTERA, Inc.  
Oshio Sangyo Co., Ltd.

PakSense Incorporated  
Paper Pak Industries  
Protective Packaging Systems (PPS) Ltd.  
Rexam PLC  
RPC Bebo Plastik  
RPC Group  
ScentSational technologies  
Sealed Air Corporation  
Silgel Packaging  
Sonoco Product Company  
Southcorp Packaging  
Sued-Chemie AG  
Taghleef Industries  
Taisei Lamick Co., Ltd.  
Taogosei Chemical industry Co., Ltd.  
Tekni-Plex, Inc.  
Temptime Corporation  
Tetra Pak International AB  
Timestrip PLC  
Tohcello Co., Ltd.  
Toppan Printing Co., Ltd.  
Unitika Ltd.  
VIP Packaging  
VisyPakFood Packaging  
Vitsab International  
W. R. Grace & Company  
Wal-Mart  
Wisepac Active Packaging Components  
Woolworth's  
Zebra Technologies Corporation

## **ORGANISATIONS MENTIONED IN THIS REPORT**

Australian Food Industry Science Centre  
Commonwealth Science and Industrial Research Organisation, Division of Food  
Science and Technology (CSIRO)  
European Parliament  
Federation of Indian Chambers of Commerce and Industry (FICCI)  
Food Science Australia

Fraunhofer Institute  
Fraunhofer Institute for Process Engineering and Packaging  
Kasetsart University  
Strathclyde University  
University of Pennsylvania  
US Food and Drug Administration (FDA)

## I would like to order

Product name: The Global Active, Intelligent and Smart Food & Drink Packaging Market 2011-2021

Product link: <https://marketpublishers.com/r/GE91DF5CC39EN.html>

Price: US\$ 2,325.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GE91DF5CC39EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970