

CONTAINERBOARD MONITOR

(SAMPLE)

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EMGE & Co. Ltd.
Chirwyn
Truro
Cornwall
TR3 6LN
United Kingdom

Tel: +44 (0)1872 581000
Email: post@emge.com | URL: www.emge.com

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Introduction

In this document, you will find the latest **EMGE Containerboard Monitor**, which provides data for **(MONTH / YEAR)**, together with tables and charts showing the regional development of **Demand, Production, Capacity, Operating Ratios** and **Prices** for Containerboard globally.

REGIONAL SCOPE & DEFINITIONS:

W. EUROPE is defined as Austria, Belgium, Denmark, Finland, France, Germany, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, UK.

N. AMERICA is defined as Canada and the USA.

“BIG ASIA” is defined as China, Japan and South Korea.

REST OF WORLD is defined as every country/region globally, excluding the above.

WORLD is defined as the total of all countries/regions globally.

DEMAND is defined as apparent consumption, i.e. the volume of production plus imports less exports.

PRODUCTION is defined as total output from producers in one country/region to all world regions.

CAPACITY numbers are calculated on a monthly basis, derived from the EMGE global mill and machine database. They take account of changes in capacity (improvements and investments) and are adjusted for monthly variations in availability, but not for market-related downtime, strikes etc.

OPERATING RATIO is defined as production as a percentage of capacity.

PRICE is defined as the mill-delivered net price to Tier I buyers, i.e. those buying directly from the mills.

Methodology and Data

The data in this report are from EMGE's proprietary database, compiled from a wide range of sources, including in-house market research, country association statistics, trade statistics, company reports and other publicly available data. Data are provided on an aggregated basis throughout and confidentiality of company and private data is maintained. To make this document as easy as possible to use, we summarise the key results in the tables and charts below.

Demand Summary – Containerboard

Headline

This table provides a summary of global Containerboard Demand by region, based on the latest month, the last three months and year to date.

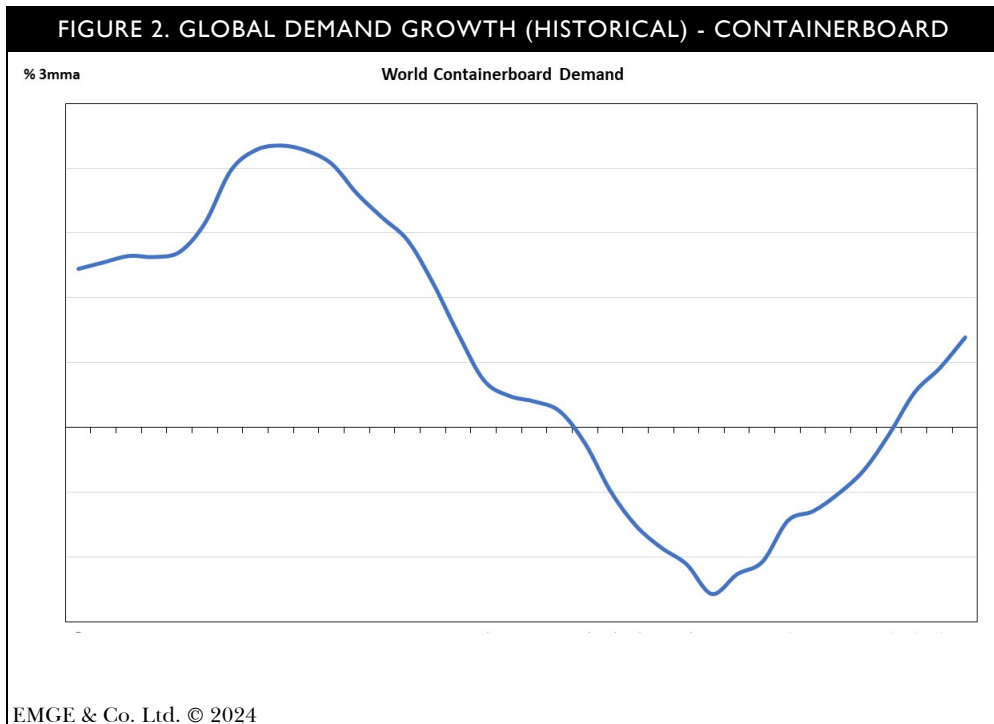
In (Month / Year), global demand declined/grew by x.x%, which was the xx consecutive month of decline/growth this year.

FIGURE 1. WORLD DEMAND BY REGION - CONTAINERBOARD					
(MONTH / YEAR) DATA					
	WORLD TOTAL	Western Europe	North America	China / Jp / Kr	Rest of World
Current Month	x.x%	x.x%	x.x%	x.x%	x.x%
Last 3 Months	x.x%	x.x%	x.x%	x.x%	x.x%
Year-to-Date	x.x%	x.x%	x.x%	x.x%	x.x%
(growth % change over previous year)					

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This chart shows the demand growth on a three-month moving average (3mma) basis.

Global demand continued its rapid decline/recovery in (Month / Year) and was down/up x.x% on a 3mma basis, compared the same period of last year.



Operating Ratio Summary – Containerboard

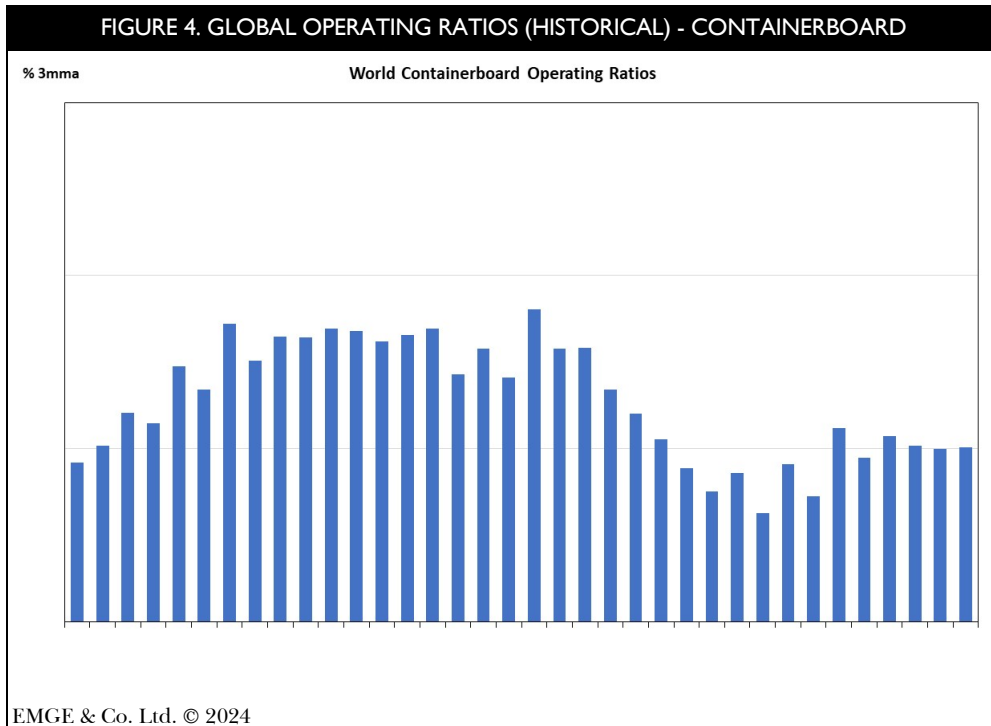
Headline

FIGURE 3. OPERATING RATIOS BY REGION - CONTAINERBOARD					
(MONTH / YEAR) DATA					
	WORLD TOTAL	Western Europe	North America	China / Jap / Kor	Rest of World
Current Month	xx%	xx%	xx%	xx%	xx%
Last 3 Months	xx%	xx%	xx%	xx%	xx%
Year-to-Date	xx%	xx%	xx%	xx%	xx%

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This table provides a summary of global Containerboard Operating Ratios by region, based on the latest month, the last three months and year to date.

In (Month / Year), the single month Ratio was xx%, which was down/stable/up compared to the trend for the year so far.



This chart shows the historical 3mma development of Containerboard Operating Ratios globally.

In (Month / Year), the 3mma ratio was also down/stable/up at xx%.

EMGE's Market Highlights - Containerboard

Headline

In (Month / Year), global Containerboard demand declined/grew by +x.x% year on year. This was the xx consecutive month of growth since (Month / Year) and improved the Year to Date (YTD) figure to x.x%.

On a three-month moving average (3mma) basis, global demand was down/up x.x% compared to same period of last year.

By region, August demand declined/grew by x% in Western Europe (YTD: x%), x% in China/Japan/Korea (YTD: x%) and x% in the Rest of the World (YTD: x%), but demand contracted/grew in North America by x% (YTD: x%).


Meanwhile, the global 3-month moving average (3mma) Containerboard Operating Ratio in (Month) was xx%.

The regional 3mma Containerboard Operating Ratios in (Month / Year) were:

- xx% in Western Europe
- xx% in North America
- xx% in China/Japan/Korea
- xx% in the Rest of the World

The latest and historical regional market data can be found at the end of this report.

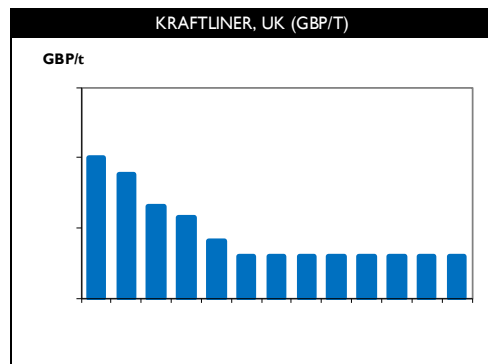
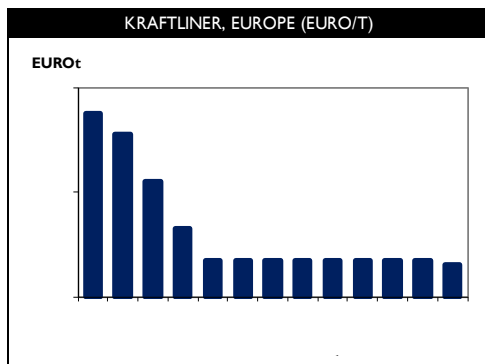
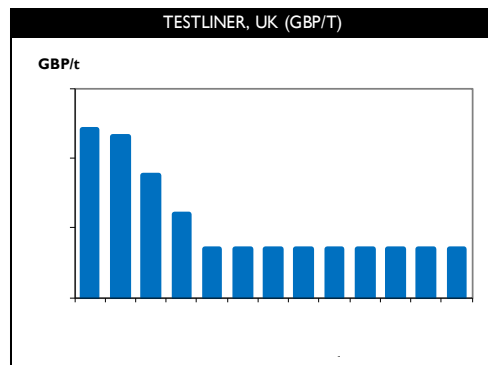
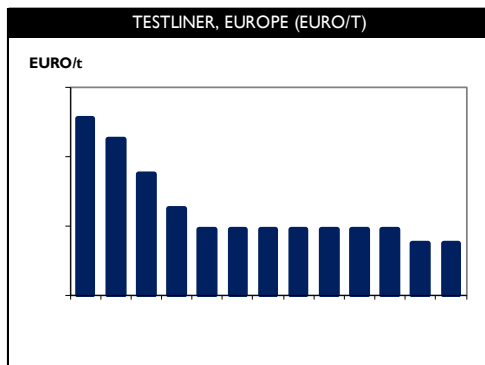
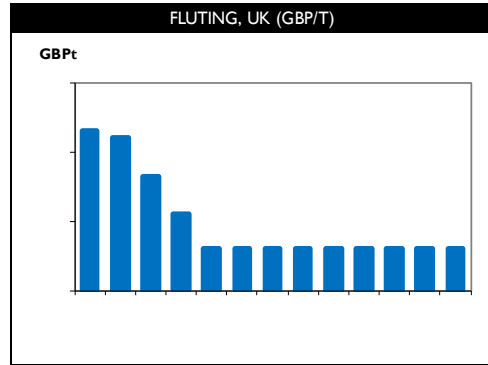
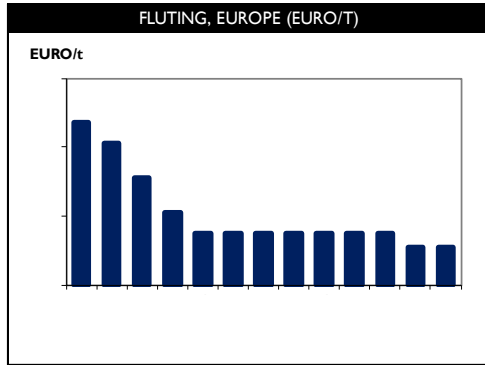
*Global Prices - Containerboard***Headline**

GLOBAL CONTAINERBOARD PRICES						
MONTHLY MONITOR		Month Year				
FLUTING		Current Month	Month-1	Month-3	Month-6	Month-12
EUROPE, EURO/t						
UK, GBP/t						
USA, USD/t						
SE ASIA, USD/t						
TESTLINER		Current Month	Month-1	Month-3	Month-6	Month-12
EUROPE, EURO/t						
UK, GBP/t						
USA, USD/t						
SE ASIA, USD/t						
KRAFTLINER		Current Month	Month-1	Month-3	Month-6	Month-12
EUROPE, EURO/t						
UK, GBP/t						
USA, USD/t						
SE ASIA, USD/t						

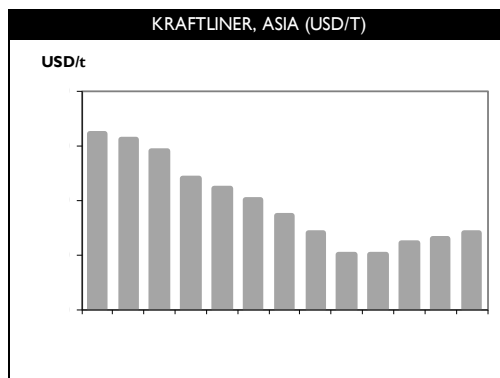
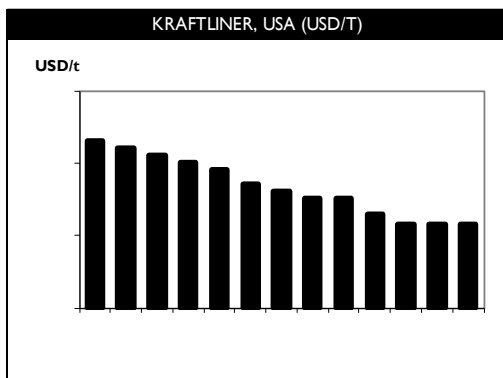
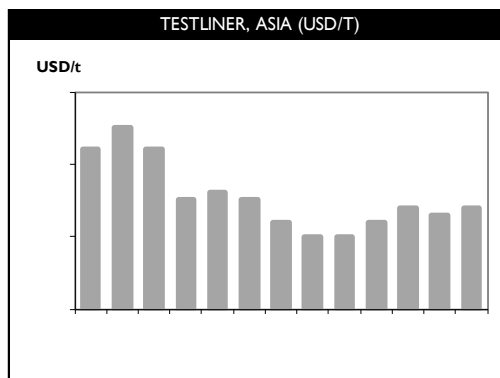
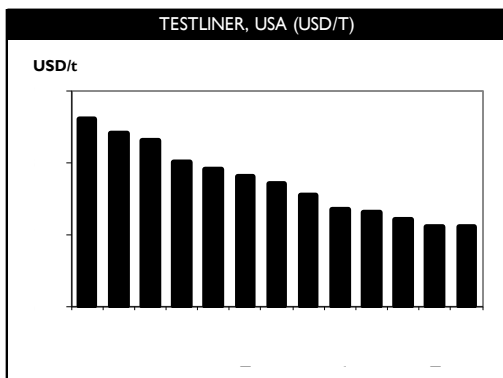
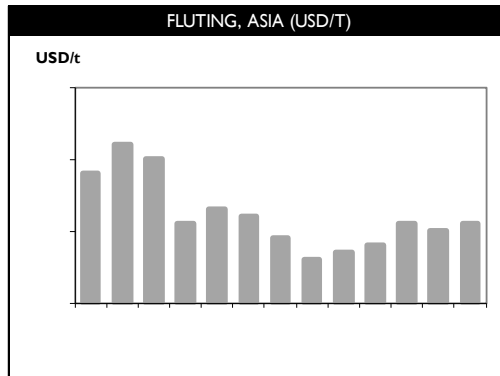
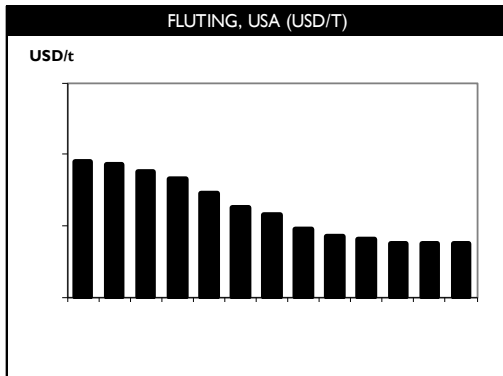
In (Month / Year), Containerboard prices were down/stable/up in Europe and the USA, but decreased/increased in SE Asia on the back falling/rising Pulp prices in the region.

The following pages show the historical development of prices for each grade and region over the past 12 months.

Historical Prices (Europe & UK) - Containerboard



Historical Prices (USA & SE Asia) - Containerboard

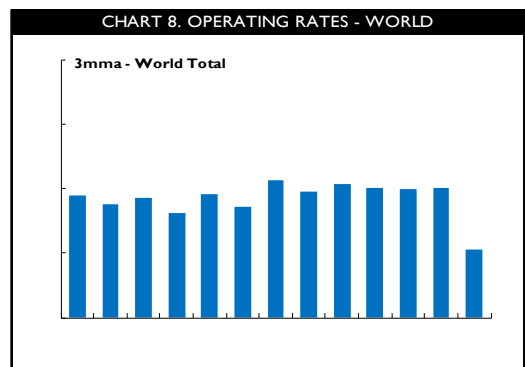
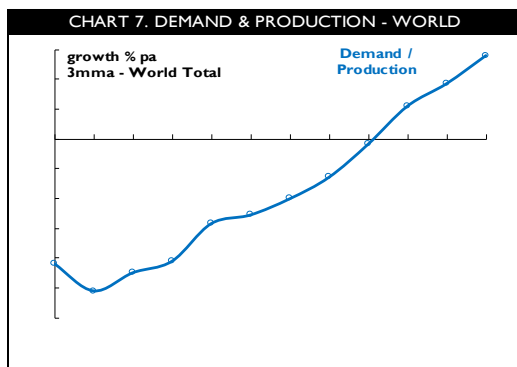
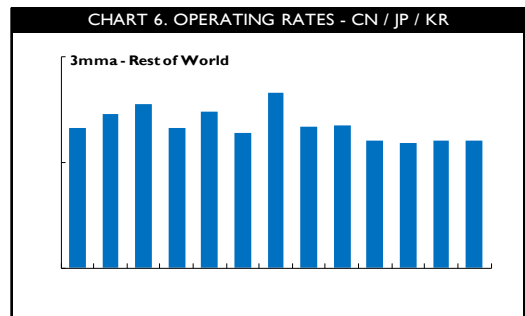
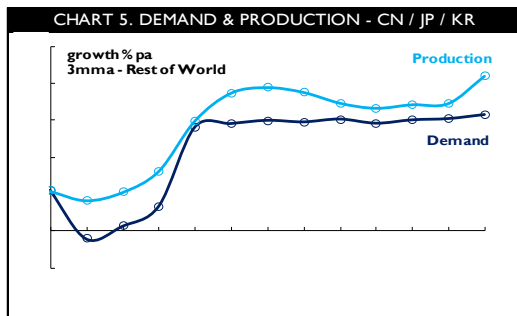
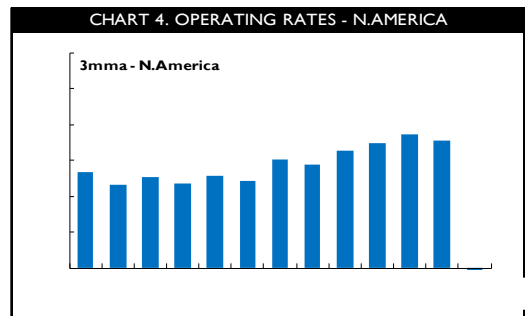
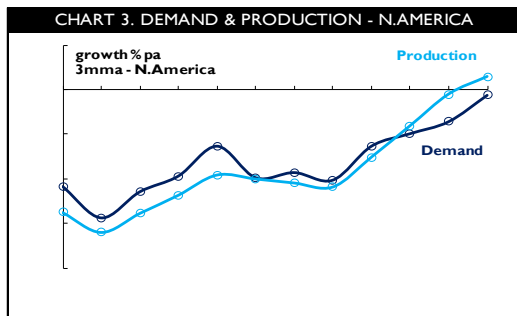
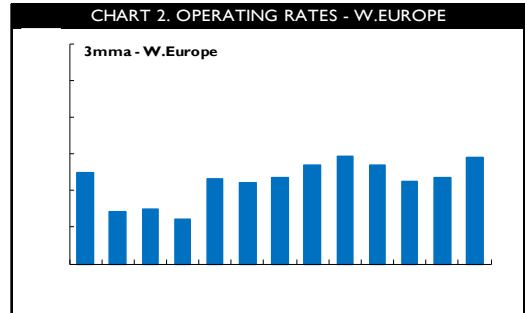
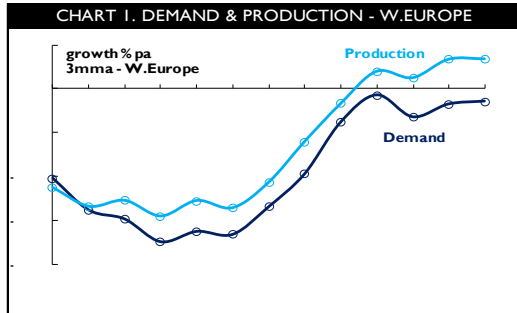


Market Indicators

Supply-Demand Balance by Region (Containerboard)

CONTAINERBOARD		EMGE Paper Industry Consultants			
GLOBAL MONTHLY MONITOR			Month	Year	
APPARENT DEMAND	Current Month (‘000 tonnes)	Growth %pa	Year To Date (‘000 tonnes)	Growth %pa	Growth %pa Last 3 Months
W.EUROPE					
N.AMERICA					
CN / JP / KR					
OTHERS					
WORLD					
OUTPUT/ PRODUCTION	Current Month (‘000 tonnes)	Growth %pa	Year To Date (‘000 tonnes)	Growth %pa	Growth %pa Last 3 Months
W.EUROPE					
N.AMERICA					
CN / JP / KR					
OTHERS					
WORLD					
CAPACITY					
W.EUROPE					
N.AMERICA					
CN / JP / KR					
OTHERS					
WORLD					
OPERATING RATIOS	Latest Month Current Month	Year Ago	Year To Date Current Month	Year Ago	Last 3 Months
W.EUROPE					
N.AMERICA					
CN / JP / KR					
OTHERS					
WORLD					

Historical Supply-Demand Charts by Region (Containerboard)



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Publication Papers & Prices



Regions: Germany
UK
USA

Paper Grades: Newsprint, LWC, SC

Information: Prices
Market Analysis
Demand
Capacity Changes
Supply/Demand Balance

Time Period: 3 Years Ahead



Regions: Global

Paper Grades: Newsprint

Information: Market Analysis
Demand
Capacity Changes
Supply/Demand Balance
Leading Suppliers List

Time Period: 5 Years Ahead
Relevant History



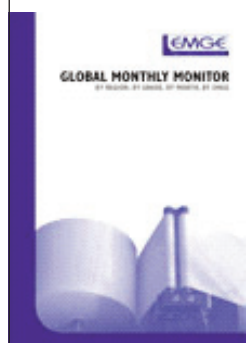
Regions: Global

Paper Grades: Newsprint

Information: Latest Pricing
Demand
Capacity Changes
Supply/Demand Balance
Market Analysis

Time Period: Current Month

Monthly Monitors

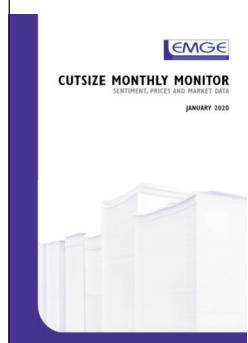


Regions: Global

Paper Grades: Coated Woodfree
Uncoated Woodfree
Coated Mechanical
Uncoated Mechanical

Information: Demand & Drivers
Shipments
Capacity
Supply/Demand Balance
Prices

Time Period: Current Month
Recent History



Regions: Western Europe

Paper Grades: UWF Cut Size

Information: Prices
Inventories
Demand
Delivery Times
Capacity Changes
Supply/Demand Balance

Time Period: Current Month
Recent History

Long-Term Forecasts



Regions: Global

Paper Grades: Coated Woodfree
Uncoated Woodfree
Coated Mechanical
Uncoated Mechanical

Information: Market Analysis
Demand
Capacity Changes
Supply/Demand Balance
Leading Suppliers List

Time Period: 5 Years Ahead
Relevant History



Regions: Western Europe
Eastern Europe
Russia

Paper Grades: Coated Woodfree
Uncoated Woodfree

Information: Market Analysis
Demand
Capacity Changes
Supply/Demand Balance
Leading Suppliers List

Time Period: 5 Years Ahead
Relevant History