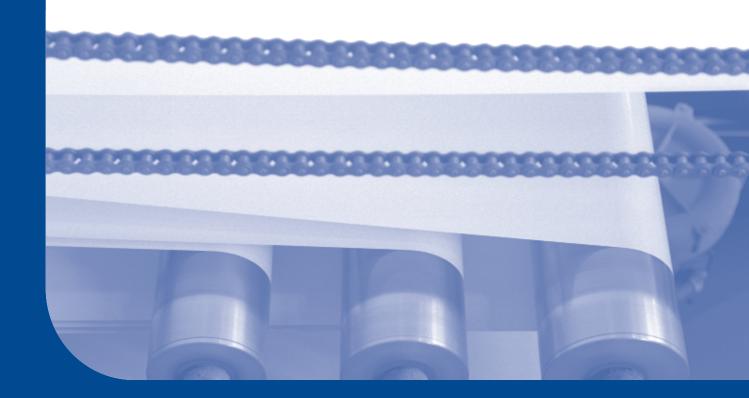


EUROPEAN WOODFREE

FORECAST REPORT - INCLUDING FORECASTS OF DEMAND, SUPPLY AND PRICES

NOVEMBER 2023



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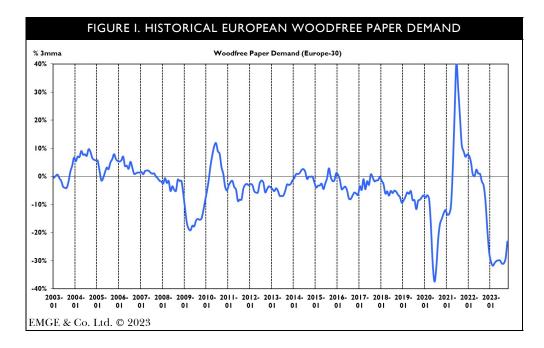
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Introduction



This chart shows the EMGE European Woodfree Paper demand growth rates historically on a 3-month moving average (3mma) basis.

This forecast report (**EUROPEAN WOODFREE – NOVEMBER 2023**) is an update in the EMGE series EUROPEAN WOODFREE FORECASTS. In this report, we present updated European Woodfree paper market **forecasts to 2027** (base year is 2022).

Based on the most recent data available and combining the latest developments in the markets, we present an updated outlook for demand, trade, investment, capacity, operating rates and prices for the European Woodfree paper markets.

The regional coverage is Europe-30, sub-divided into W.Europe-16 and E.Europe-14.

The sub-grades covered include Coated Woodfree (CWF) Sheets and Reels, as well as Uncoated Woodfree (UWF) Cut-Size, Folio Sheets and Reels. The report does not cover speciality grades or I-side Coateds.

The companion report, **EMGE WORLD GRAPHIC PAPERS**, evaluates the outlook for the **global** supply-demand balance for **Newsprint** and all **Printing/Writing** paper grades, including Coated Woodfree (CWF) and Uncoated Woodfree (UWF).



Regional Classifications

The EMGE European Woodfree Report is structured to include both Western Europe and Central/Other Europe region (excluding Russia), together with European-wide totals.

Specifically, there are 3 main geographical groupings in this report (W.Europe-16, E.Europe-14 and Europe-30), which are composed as follows:

W. Europe-16:

Germany, France, UK, Italy, Finland, Norway, Sweden, Belgium, Luxembourg, Netherlands, Spain, Portugal, Austria, Switzerland, Denmark, Ireland.

Within this:

Nordic = Finland, Norway, Sweden

Benelux = Belgium, Luxemburg, Netherlands

Iberia = Portugal, Spain

Others = Austria, Denmark, Ireland, Switzerland

E. Europe-14:

Poland, Greece, Czech Republic, Hungary, Romania, Slovakia, Estonia, Latvia, Lithuania, Slovenia, Bulgaria, Cyprus, Malta, Iceland.

Europe-30:

All the above.

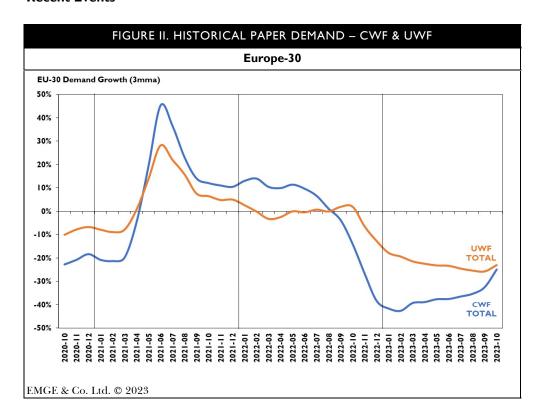
Quarterly market forecasts have been organised into their own section in the Appendix.

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Forecast Summary

Recent Events



It has been a difficult few months for European paper mills, with demand falling rapidly for all grades of paper, especially so for Coated Woodfrees, but also Uncoated Woodfrees.

In our last European Woodfree Papers report (June 2023), we said "For the longer term, we will have to wait and see exactly how much demand the high prices have killed. In the short term, we expect both demand and prices to (continue to) fall." Certainly, the latter part of this statement has been accurate so far, but we are still in the midst of this phenomenon, with paper demand continuing to fall by double-digit percentage figures since the first falls in November 2022. Prices too have been falling since their peak at around the same time.

The Navigator group recently announced plans to raise its UWF paper prices in Europe by +5-7% from December, following success in raising equivalent prices for its paper products in offshore markets (Middle East & Africa) in September. Sappi and Burgo have followed suit, with announcements of price hikes effective across December/January 2024.



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