



HAWKINS WRIGHT

Outlook for Market Pulp

Supply, Demand, Costs and Prices

A multi-client service, available now

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What our Outlook for Market Pulp service offers...

The Outlook for Market Pulp service was launched in 1984. It is now established as a vital planning tool for any company or organisation that requires access to the most authoritative analysis of the market pulp sector. Because this programme of research has continued without interruption for many years, Hawkins Wright has been able to develop an extensive bank of data, experience and contacts.

Over ninety organisations regularly support The Outlook service. These include pulp producers — who together account for more than 85% of world supply — buyers, international agents and trading houses, state and provincial governments and financial institutions.

The Outlook for Market pulp service comprises 12 reports per year that provide analysis of:

- **Demand and trade:** global market pulp demand trends and 5-year forecasts by grade, and by region/country. Imports by country of origin.
- **Supply:** global market pulp supply trends and 5-year capacity forecast by grade, and by region/country. The analysis includes a market pulp capacity listing by mill.
- **Supply/demand balances:** global supply deficit or capacity surplus, 5-year forecast by grade.
- **Production costs:** detailed analysis of the production costs of the global market pulp industry by grade and by region. The analysis presents the costs by individual component (wood, chemicals, energy, labour, maintenance, other mills costs, freight and marketing/sales). The data is sourced from Hawkins Wright's unique annual production cost survey and allows for the provision of costs curves for the softwood, hardwood and mechanical pulp sectors.
- **End use market review:** detailed appraisal of the end use markets for pulp, looking at paper and board demand trends and the outlook for supply. Global project listing for graphic papers and tissue.
- **Price Forecasts:** five year price forecast for BEKP and NBSK, delivered to North America, CIF West Europe and CIF China.

The following pages include a table of contents and list of figures and tables included in a typical Outlook for Market Pulp report.

About Hawkins Wright

Hawkins Wright is an independent consultancy providing a range of strategic, forecasting, market intelligence and business information services to the international forest products and bioenergy industries.

Since 1982 Hawkins Wright has provided authoritative and cost-effective services based on in-depth research of the global forest, pulp & paper and bioenergy industries. These services include private consultancy assignments covering a full range of marketing and strategic subjects as well as regular multi-client reports and newsletters.

Our consultancy services build on our global perspective of the macro- and micro-economic trends driving the international forest industry and downstream product markets. Assignments can range from advice on a client's business development or feedstock sourcing strategies to highly detailed market feasibility assessments of prospective projects.



The contents of a typical report

Section One:

Market pulp demand

Historical BCP demand by region and by grade

Chinese imports of market pulp

Consumer stocks

BCP demand forecast by region and by grade

Section Two:

Market pulp supply

Current market pulp capacity

Capacity forecast summary

Supply forecast risks

Confirmed changes to supply

Projects with uncertain schedules

Impact of dissolving pulp

Section Three:

Supply/Demand balance

Historical supply/demand balance

Supply/demand projections by grade

Short term supply and demand

Section Four:

Production costs

Global weighted average production costs

BSKP cash cost by region

BHKP cash cost by region

Global cost driver review

Net equilibrium price

High yield pulp costs review

Section Five:

Prices

Global economic review

Commodities

Exchange rates

Price forecast:

CIF West-Europe, CIF China, Del North America

Appendix 1:

Market pulp mill capacity listing, by region and by grade

Softwood kraft pulps

NBSK & SBSK

Radiata and other softwood

Fluff pulp

Hardwood kraft pulps

Birch

NMHW & SMHW

BEKP

Asian BHKP (including Acacia)

High-yield pulps (including BCTMP)

Unbleached kraft pulps

Sulphite

Appendix 2:

Top 20 market pulp producers by capacity, grade and market share

Appendix 3:

Paper capacity changes

Appendix 4:

Tissue capacity changes

The grades covered in the report include: NBSK, radiata, fluff/SBSK, birch, NBHK, SBHK, BEKP, BAKP, sulphite, UKP and HYP.

The regions covered by the report include: North America, Nordic, West Europe, Latin America, Japan, China, East Europe, Oceania and Other Asia.



List of Tables and Figures contained in a typical report

Table 1: World BCP demand, by region
Table 2: World BCP demand, by grade
Table 3: World BCP demand forecast by region
Table 4: World BCP demand forecast by grade
Table 5: World BSKP demand forecast by region
Table 6: World BHKP demand forecast by region
Table 7: World market pulp capacity, by grade and by region
Table 8: World market pulp capacity by region (all grades)
Table 9: World market pulp capacity forecast summary
Table 10: World market pulp capacity forecast summary
Table 11: World market pulp capacity forecast by region
Table 12: Projects with uncertain schedules
Table 13: Recently active swing capacity
Table 14: BSKP cash costs by region, CIF China
Table 15: BSKP cash costs by region, CIF West Europe
Table 16: BHKP cash costs by region, CIF China
Table 17: BHKP cash costs by region, CIF West Europe
Table 18: IMF GDP forecast
Table 19: Pulp price, US\$/t, CIF Europe to 2019, before discounts
Table 20: Pulp price, US\$/t, delivered North America to 2019, before discounts
Table 21: Pulp price, US\$/t, CIF China to 2019
Table 22: Market pulp capacity by mill, Canadian NBSK
Table 23: Market pulp capacity by mill, Scandinavia and Germany, NBSK
Table 24: Market pulp capacity by mill, NBSK mixed species/other softwood
Table 25: Market pulp capacity by mill, other softwood
Table 26: Market pulp capacity by mill, US southern softwood
Table 27: Market pulp capacity by mill, US fluff pulp
Table 28: Market pulp capacity by mill, Scandinavian birch
Table 29: Market pulp capacity by mill, Northern mixed hardwood
Table 30: Market pulp capacity by mill, Southern mixed hardwood and Asian hardwood
Table 31: Market pulp capacity by mill, eucalyptus
Table 32: Market pulp capacity by mill, sulphite
Table 33: Market pulp capacity by mill, unbleached kraft
Table 34: Market pulp capacity by mill, high yield pulp
Table 35: Top 20 market pulp producers by capacity
Table 36: Paper capacity changes, Europe
Table 37: Paper capacity changes, North America
Table 38: Paper capacity changes, China
Table 39: Tissue capacity changes, China
Table 40: Tissue capacity changes, Asia, Middle East & Africa
Table 41: Tissue capacity changes, Europe
Table 42: Tissue capacity changes, Latin America/North America
Figure 1: BCP demand by grade
Figure 2: Relative growth performance of BHKP/BSKP demand by market
Figure 3: BCP demand, mature vs. emerging markets
Figure 4: Chinese imports of BSKP and BHKP
Figures 5-12: World-20 shipments by grade and by region
Figure 13: Consumer stocks
Figure 14: Chinese BSKP pulp imports by month
Figure 15: Chinese BHKP pulp imports by month
Figure 16: Global fibre consumption by grade: market pulp vs. integrated pulp vs. recovered fibre
Figure 17: World BCP demand forecast by region
Figure 18: World BCP demand forecast growth by grade
Figure 19: World BCP demand forecast by grade
Figure 20: World market pulp capacity, by grade and by region
Figure 21: Annual change in BCP capacity and growth by grade



List of Tables and Figures contained in a typical report (continued)

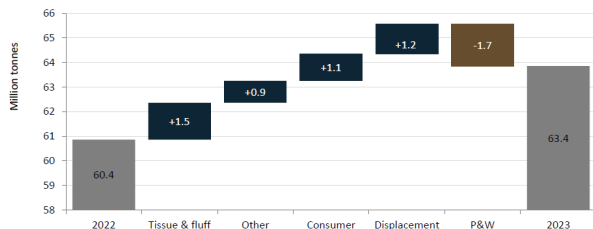
Figure 22: World BSKP capacity by grade
Figure 23: World BHKP capacity by grade
Figure 24: Latin American pulp projects by location
Figure 25: Cost (per tonne) of newly installed or converted capacity (excl. forestry resource)
Figure 26: Historical DWP price premium vs. BEKP and NBSK (net prices), CIF China
Figures 27-28: Illustration of long term annual BCP supply and demand projections
Figure 29: Illustration of long term annual BSKP supply and demand projections
Figure 30: Illustration of long term annual BHKP supply and demand projections
Figure 31: BHKP and BSKP ratios
Figure 32: World-20 producer inventories, days of supply
Figure 33: World-20 BSKP/BHKP production
Figure 34: Latin American market pulp production (BCP only)
Figures 35-38: BSKP seasonality
Figures 39-42: BHKP seasonality
Figures 43-46: BCP seasonality
Figure 47: World weighted average production cost history
Figure 48: Index of selected major pulp producing currencies against the US dollar since 2011
Figure 49: BSKP net equilibrium price, CIF China
Figure 50: BSKP cash costs by region, CIF China
Figure 51: BSKP cash costs by region, CIF West Europe
Figure 52: BHKP net equilibrium price, CIF China
Figure 53: BHKP cash costs by region, CIF China
Figure 54: BHKP cash costs by region, CIF West Europe
Figure 55: Evolution of the BHKP cost curve
Figure 56: Evolution of the BSKP cost curve
Figure 57: High yield costs by region, CIF China
Figure 58: The US dollar Index
Figure 59: Pulp prices against major commodities indices
Figures 60-65: Exchange rates: currency vs. US dollar
Figure 66: Exchange rates and pulp prices: BSKP vs Euro/Dollar
Figure 67: Exchange rates and pulp prices: BHKP vs Euro/Dollar
Figure 68: Printing & writing shipments from the mature markets
Figure 69: European market pulp vs P&W paper prices
Figure 70: European P&W shipments
Figure 71: North American UWF imports by month
Figure 72: North American P&W shipments
Figure 73: Chinese paper exports by month
Figures 74-79: Paper producers' converting margins
Figure 80: Converting margins for European CWF producer
Figure 81: Printing & writing paper prices as an index
Figure 82: Global tissue capacity investment by region
Figure 83: Global tissue production by region
Figure 84: Pulp price, US\$/tonne, CIF Europe (before discounts)
Figure 85: Pulp price, US\$/tonne, CIF China (net)
Figure 86: Pulp prices, €/t, CIF Europe
Figure 87: Pulp prices, reais/t, Canadian\$/t, CIF Europe
Figure 88: Hardwood price forecast, CIF Europe, different US\$ scenarios
Figure 89: Softwood price forecast, CIF Europe, different US\$ scenarios
Figure 90: NBSK price, US\$/t, by region, to 2017
Figure 91: BEKP price, US\$/t, by region, to 2017
Figure 92: Top 20 market pulp producers by capacity



Sample pages

Breakdown of shipments by driver, 2022 vs 2023

World BCP shipments by driver, 2022-2023



The chart above presents particularly challenging conditions for the hygiene sector. The hygiene sector continues to increase in shipments to these segments originating from the projects which are ramping up. Further growth in deliveries is almost exclusively in China. Conversely, we estimate

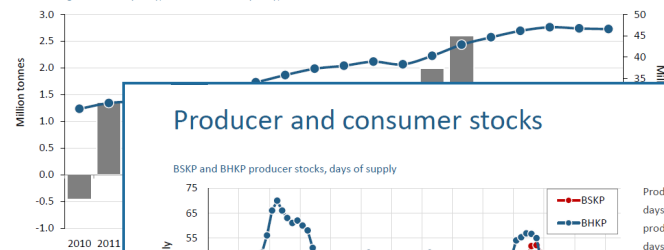
Section 1: Market Pulp Shipments

BHKP capacity forecast

BHKP capacity is forecast to rise by 3.7Mt over the five-year forecast period 2024-28. Latin American BEKP capacity will grow by 3.1Mt (net) through the expansions of Arauco MAPA (Chile), UPM Paso de los Toros (Uruguay), CMPC Guaiba (Brazil) and Suzano Cerrado (Brazil). We assume Bracell will increase dissolving pulp production and integrate with new tissue capacity from 2024, offsetting some of the growth from the projects which are ramping up.

Although the timing and magnitude of any market pulp capacity addition remains uncertain, we have assumed some growth from APP's OKI 2 project in Sumatra for the first time. However, this is likely to be offset by integrations by both APP and RGE Group companies (APRIL, Asia Symbol, and Sateri). See page 57. There are several BHKP projects which are relatively advanced in the planning stage and could start up in 2028 if they receive approval in the next twelve months (see page 64).

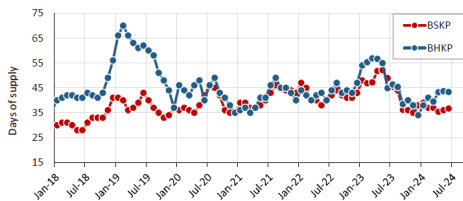
Annual change in BHKP capacity, and total BHKP capacity, 2010-2028



Section 3: Market Pulp Supply

Producer and consumer stocks

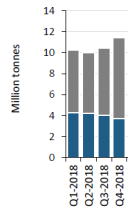
BSKP and BHKP producer stocks, days of supply



Producer stocks were estimated at 41 days at the end of June, with BSKP producers holding 37 days and BHKP 43 days.

Stocks are lower than they were at the beginning of the previous market downturn (Q4 2022), both in absolute terms and in days of supply. We would expect producer stocks to have risen in July due to the low order volumes in China and weakening demand in Europe. They are likely to climb further through Q3 as

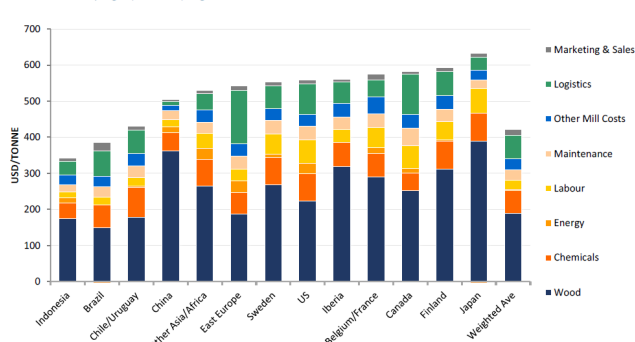
World producer and consumer stocks by quarter (Mt)



Section 4: Supply and demand

BHKP production costs by region

BHKP cash costs by region, CIF China, August 2024



Section 5: Production costs

CONFIDENTIAL: The Outlook for Market Pulp | 84



Deliverables and order form

An annual corporate subscription to the Outlook for Market Pulp service costs **£6,550** (or the equivalent in US dollars or euros). The service comprises:

- Three main reports published in April, August, and December. These comprehensive reports include detailed analyses of supply, demand, and pricing, along with five-year forecasts. Notably, the August report features the results of Hawkins Wright's exclusive Cost Survey. These reports are distributed electronically.
- In addition to the main reports, nine forecast updates are released in the intervening months. These updates, combined with the main reports, ensure that the critical forecast data, particularly price forecasts, are refreshed monthly. These updates are distributed electronically.
- Subscribers also benefit from Hawkins Wright's commitment to addressing any inquiries related to the international pulp and paper market throughout the year. This service effectively allows Hawkins Wright to serve as a virtual extension of the subscriber's marketing or market research department.
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