Cepi
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RECYCLED
RESPONSIBLE
EUROPEAN

Fourth quarter 2024

PRODUCTION STATISTICS

European pulp & paper industry



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[1] Data included in this report is related to Cepi members countries. The list of Cepi members countries is available on Cepi's website: https://www.cepi.org/about-cepi/members/

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Production in Europe - Evolution compared to 2023

Total Pulp Production

4th Quarter 2024	**xx** million tonnes	△ **x%**
January - December 2024	**xx** million tonnes	△ **x%**

Market Pulp Production

4th Quarter 2024

January - December 2024

Total Paper and Board Production

4th Quarter 2024

January - December 2024

Graphic Papers (inc. Newsprint)

4th Quarter 2024

January - December 2024

Packaging Paper and Board

4th Quarter 2024

January - December 2024

Sanitary and Household

4th Quarter 2024

January - December 2024

Other Paper and Board

4th Quarter 2024

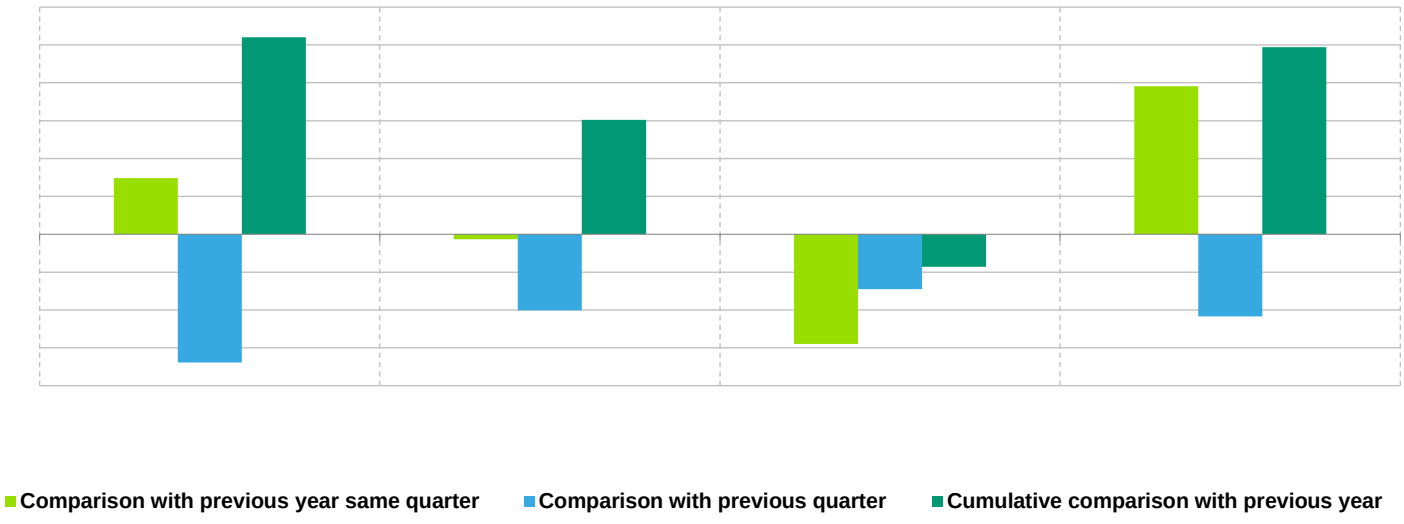
January - December 2024

Paper for Recycling Utilisation

4th Quarter 2024

January - December 2024

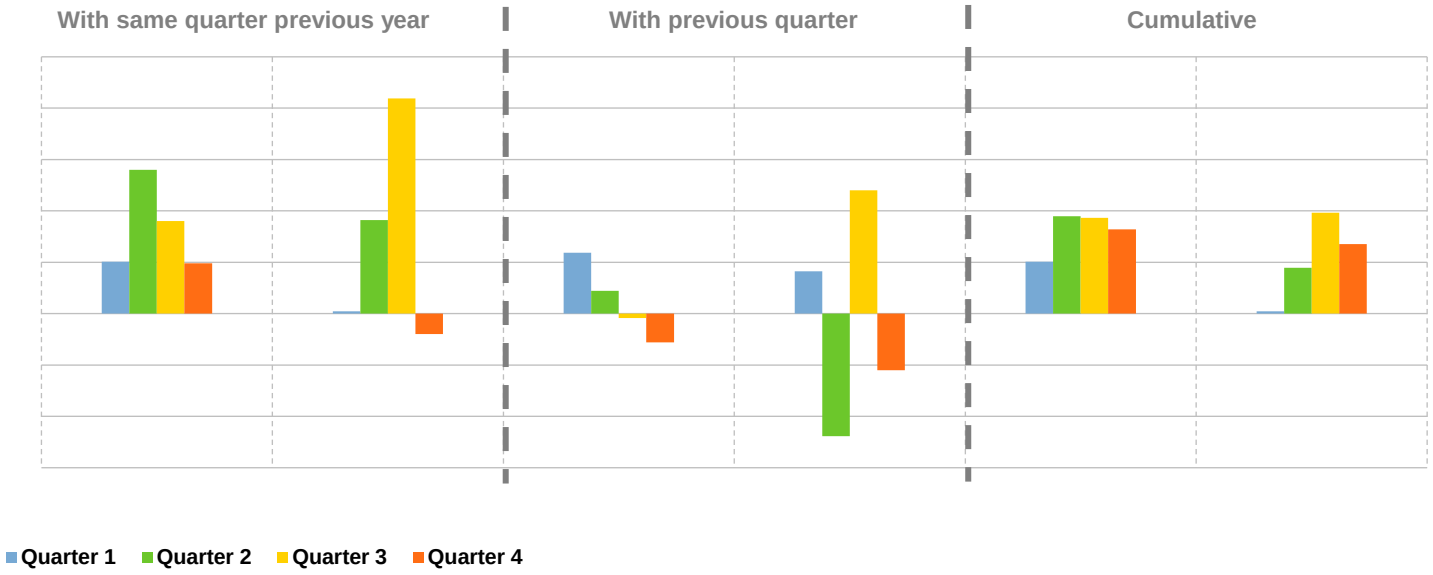
Comparison of % Changes



Total Pulp Production and Market Pulp Production in Europe

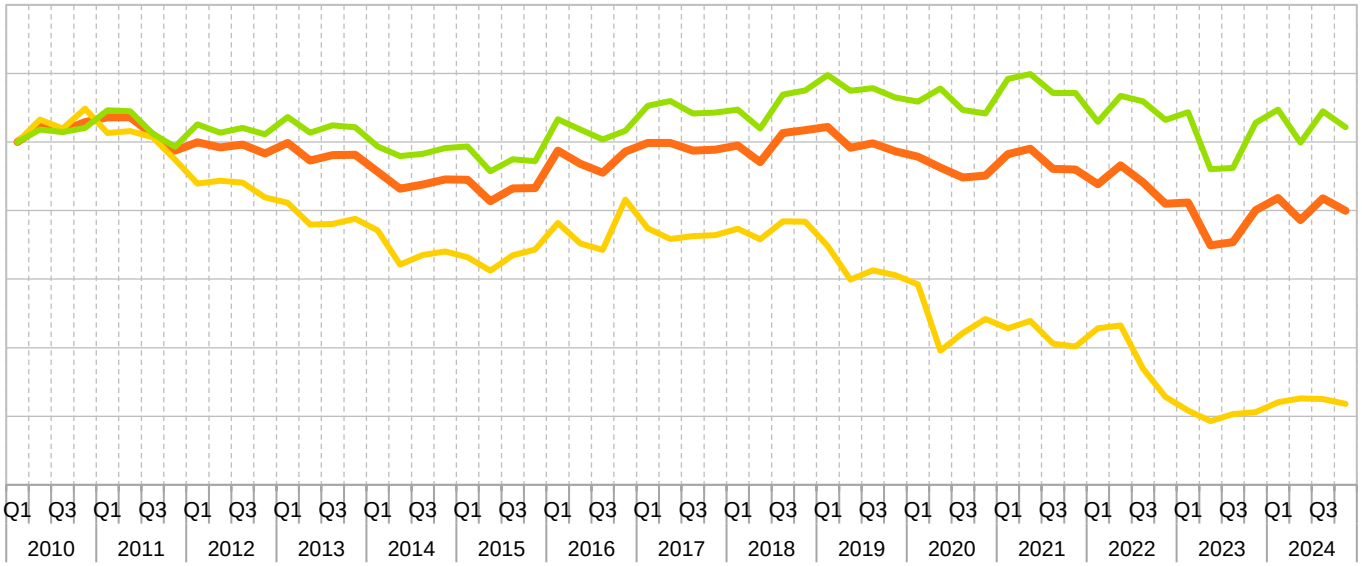
'000 Tonnes	This Quarter			Previous Quarter		Cumulative		
	4Q2024	4Q2023	% chge	3Q2024	% chge*	2024	2023	% chge
Mechanical Pulp								
Chemical and Other Pulp								
Total Pulp								
of which Market Pulp[1]								

Comparison of % Changes of Pulp Production by Grade in Europe



Quarterly Indexes of Pulp Production by Grade in Europe

Index (2010 Q1 = 100)



[1] Representing 85 % of Cepi annual market pulp production

* % change current quarter with previous quarter

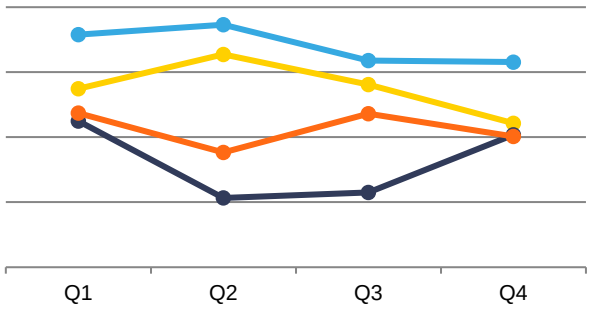
Total Pulp - Production in Europe

'000 Tonnes	First Quarter		Second Quarter		Third Quarter		Fourth Quarter		Cumulative		% change
	2024	2023	2024	2023	2024	2023	2024	2023	2024	2023	2024/2023
Austria											
France											
Norway											
Poland											
Portugal											
Spain											
Sweden											
Other Cepi Countries[1]											
Total Cepi											
of which Market Pulp[2]											

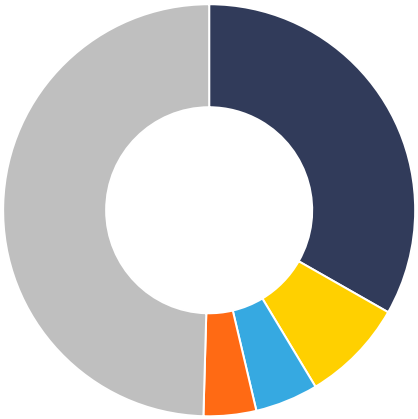
12 months 2024 / 12 months 2023: **4Q2024 / 4Q2023:** **4Q2024 / 3Q2024:**

Quarterly Pulp Production

Million Tonnes

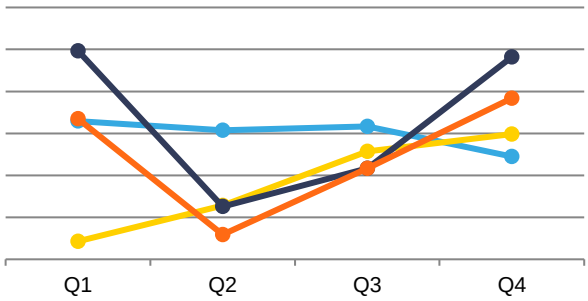


Main Pulp Producers *



Quarterly Market Pulp[2] Production

Million Tonnes



Notes

** Some main producers may be included in Other Cepi countries due to transparency reasons.*

[1] Greece : no production of pulp.

Belgium, Czech Republic, Finland, Germany, Hungary, Italy, Netherlands, Romania, Slovakia, Slovenia and the United Kingdom : production data can't be published to comply with EU competition rules. Poland: data for September has been estimated by Cepi.

[2] Representing 85% of Cepi annual market pulp production

Pulp Production by Grade and by Country in non-European Countries

12 months 2024

'000 Tonnes	Cepi	Canada (PPPC)	Japan (JPA)	South Korea (KPMA)	Brazil (BRACELPA)
Mechanical Pulp					
Chemical Pulp					
Total Pulp					

% Changes in Pulp Production by Grade and by Country

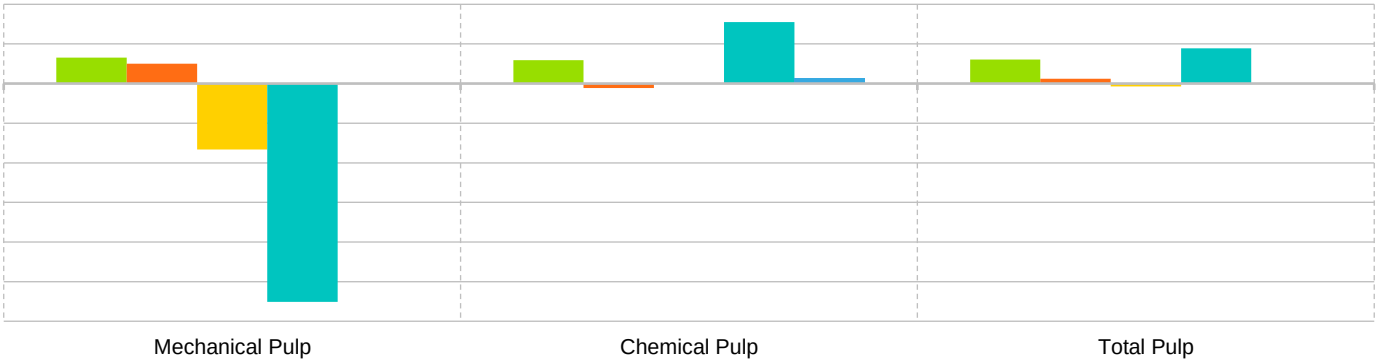
12 months 2024 / 12 months 2023

%	Cepi	Canada (PPPC)	Japan (JPA)	South Korea (KPMA)	Brazil (BRACELPA)	USA (AF&PA)
Mechanical Pulp						
Chemical Pulp						
Total Pulp						

Comparison of % Changes in Pulp Production by Grade and by Country

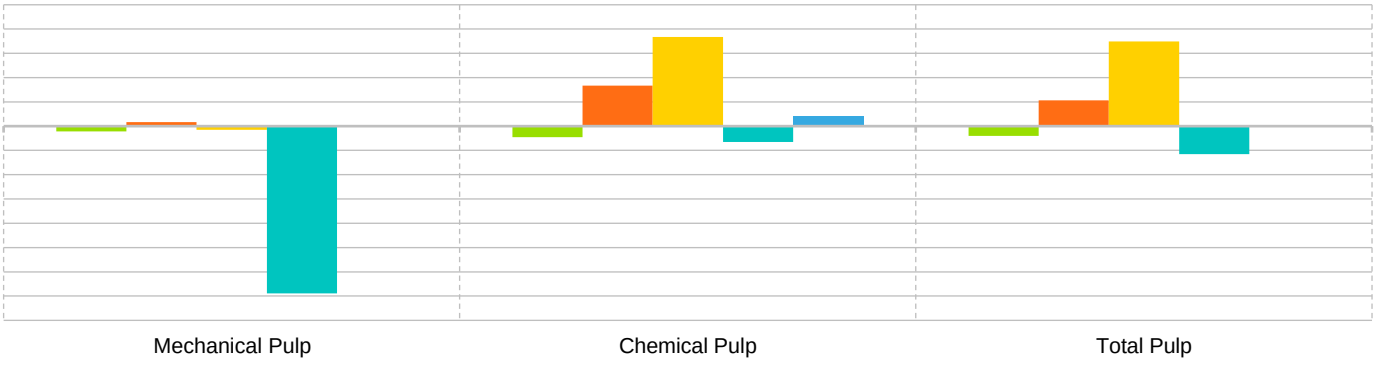
Cumulative comparison with previous year

12 months 2024 / 12 months 2023



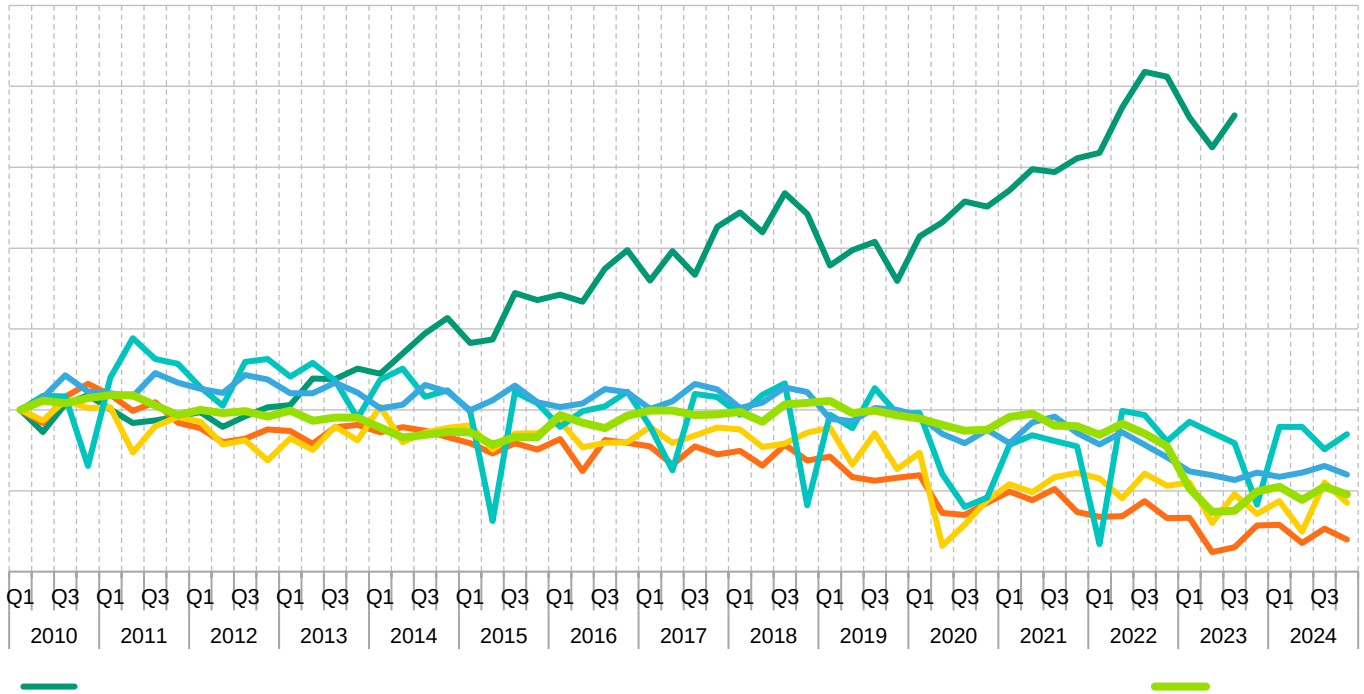
Comparison with previous quarter

4th quarter 2024 / 3rd quarter 2024



Quarterly Indexes of Pulp Production by Region

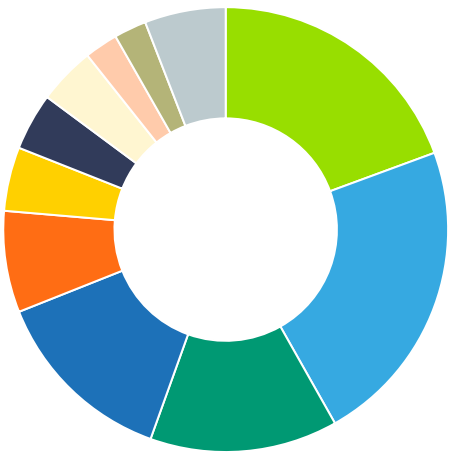
Index (2010 Q1 = 100)



** United States: chemical pulp only*

World Pulp Production in 2022

'000 Tonnes



Cepi
USA
China
Brazil
Canada
Indonesia
Russia
Japan
Chile
India
Rest of the World
Total World Production

Sources: National Associations - Fastmarkets RISI

Total Paper and Board Production by Grade in Europe

'000 Tonnes	This Quarter			Previous Quarter		Cumulative		
	4Q2024	4Q2023	% chge	3Q2024	% chge*	2024	2023	% chge
Newsprint								
Uncoated Mechanical								
Uncoated Woodfree								
Coated Mechanical								
Coated Woodfree								
Printing and Writing Papers								
Total Graphic Papers								
Sanitary and Household								
Containerboard								
Carton Boards								
Wrappings								
Other Paper and Board for Packaging								
Total Packaging Papers								
Other Paper and Board								
Total Paper and Board								

Of which Graphic Papers

'000 Tonnes	This Quarter			Previous Quarter		Cumulative		
	4Q2024	4Q2023	% chge	3Q2024	% chge*	2024	2023	% chge
Uncoated Papers								
Coated Papers								
Woodfree Papers								
Mechanical Papers								

* % change current quarter with previous quarter

Note: data for Hungary, Greece, Poland (December), Portugal (partly), Slovenia and Slovakia has been estimated by Cepi.

Comparison of % Changes of Paper and Board Production by Grade in Europe

Comparison with same quarter of previous year

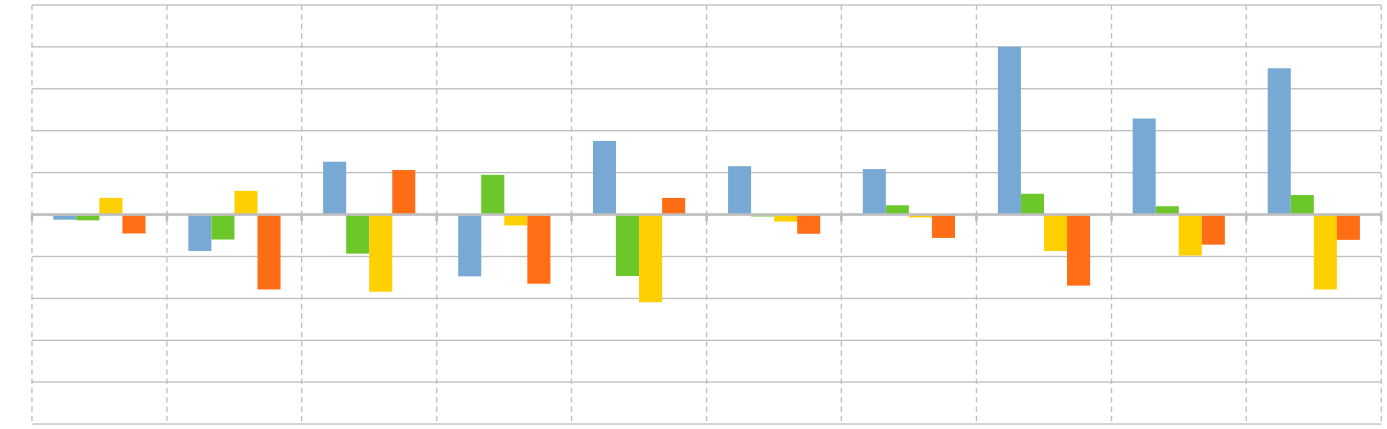
4th quarter 2024 / 4th quarter 2023



Quarter 1 **Quarter 2** **Quarter 3** **Quarter 4**

Comparison with previous quarter

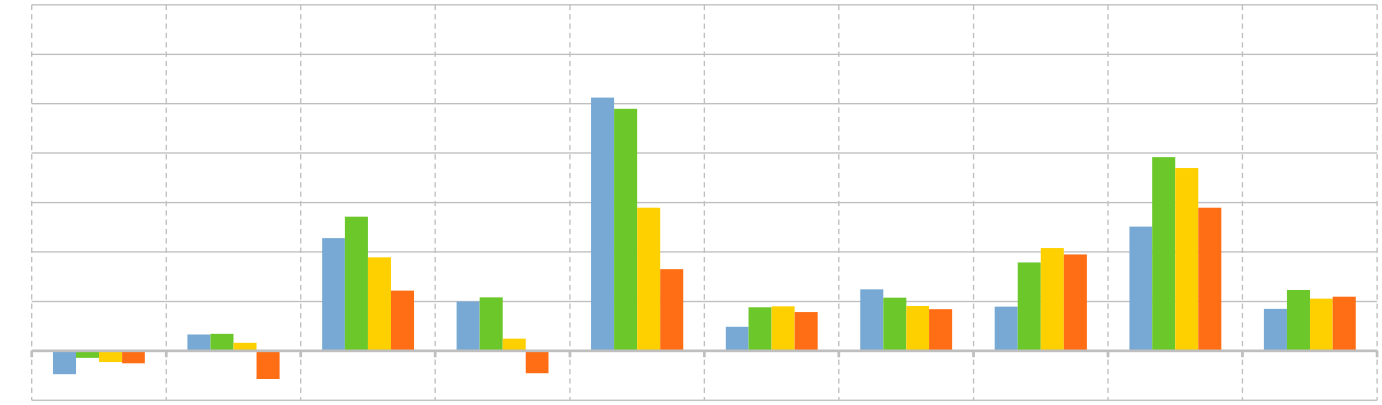
4th quarter 2024 / 3rd quarter 2024



Quarter 1 **Quarter 2** **Quarter 3** **Quarter 4**

Cumulative Comparison

12 months 2024 / 12 months 2023



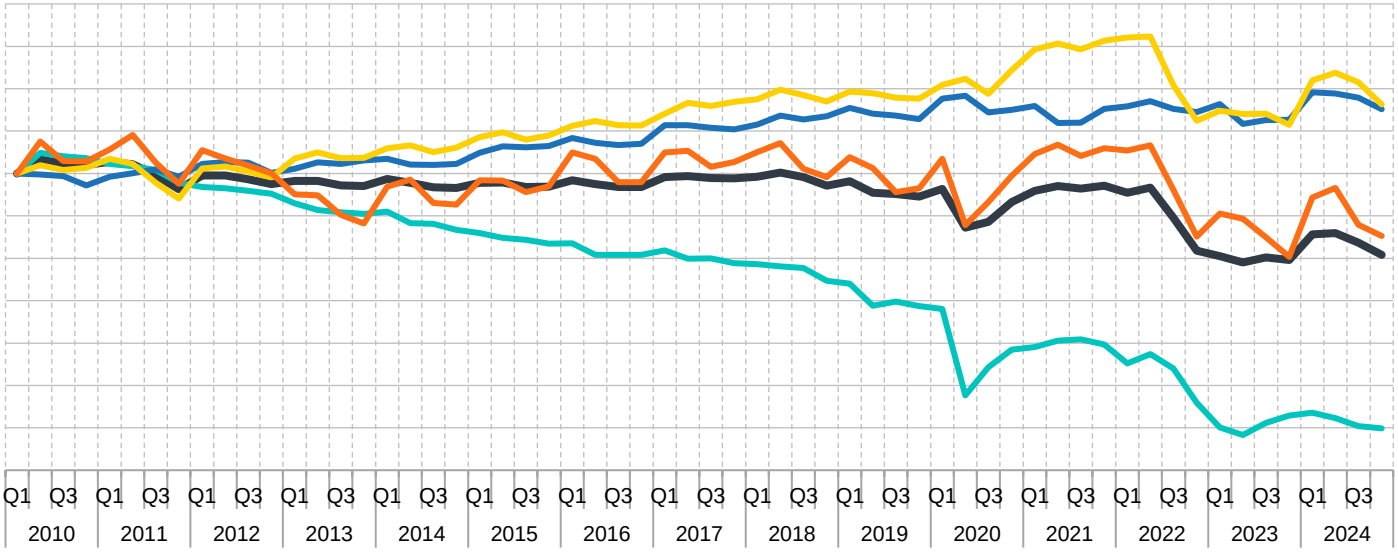
Quarter 1 **Quarter 2** **Quarter 3** **Quarter 4**

Paper and Board Production by Grade in Europe (Year-to-Date)



Quarterly Indexes of Paper and Board Production by Grade in Europe

Index (2010 Q1 = 100)

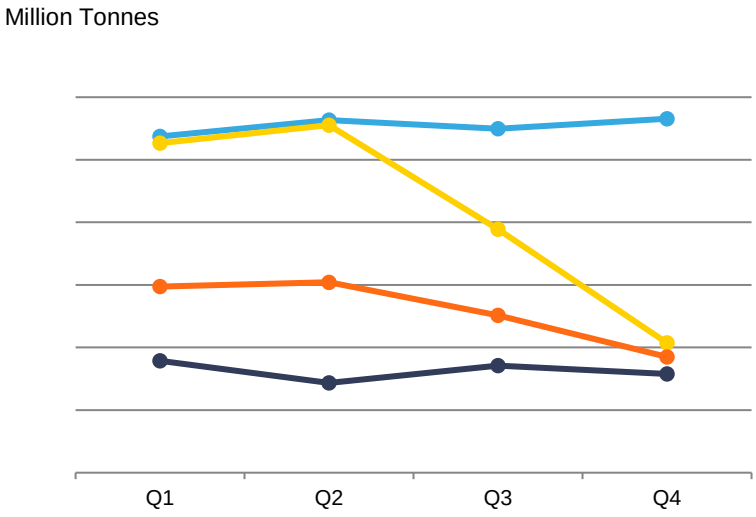


Total Paper and Board - Production in Europe

'000 Tonnes	First Quarter		Second Quarter		Third Quarter		Fourth Quarter		Cumulative		% change
	2024	2023	2024	2023	2024	2023	2024	2023	2024	2023	2024/2023
Austria											
Belgium											
Czech Republic											
Finland											
France											
Germany											
Italy											
Netherlands											
Poland											
Portugal											
Romania											
Spain											
Sweden											
United Kingdom											
Other Cepi Countries[1]											
Total Cepi											

12 months 2024 / 12 months 2023: **4Q2024 / 4Q2023:** **4Q2024 / 3Q2024:**

Quarterly Production



Main Producers



Notes

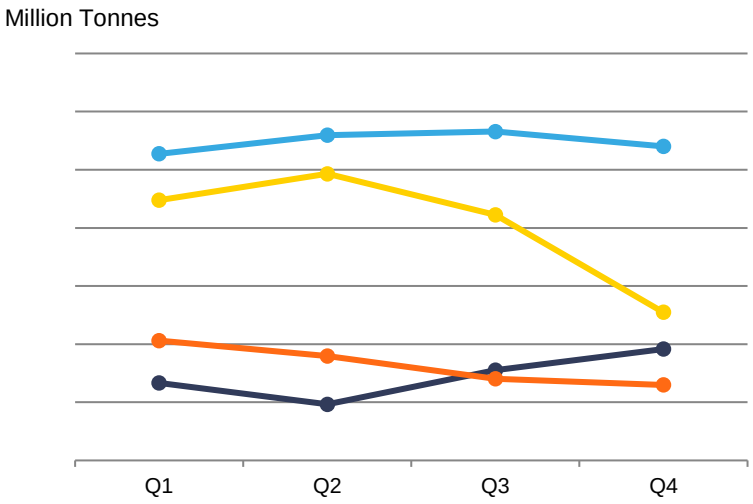
[1] Greece, Hungary, Norway, Slovakia and Slovenia
Greece, Hungary, Slovakia, Slovenia, Poland (December): figures have been estimated by Cepi
Portugal: figures have been partly estimated by Cepi.

Total Graphic Papers - Production in Europe

'000 Tonnes	First Quarter		Second Quarter		Third Quarter		Fourth Quarter		Cumulative		% change
	2024	2023	2024	2023	2024	2023	2024	2023	2024	2023	2024/2023
Austria											
Belgium											
France											
Germany											
Italy											
Spain											
Sweden											
Other Cepi Countries[1]											
Total Cepi											

12 months 2024 / 12 months 2023: **4Q2024 / 4Q2023:** **4Q2024 / 3Q2024:**

Quarterly Production



Main Producers *



Notes

** Some main producers may be included in Other Cepi countries due to transparency reasons.*

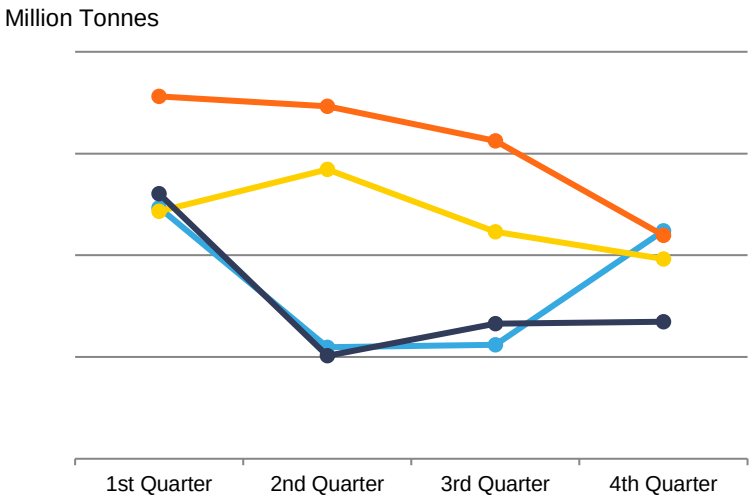
[1] Greece, Hungary and Romania: no production of graphic papers.
Czech Republic, Finland, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia and the United Kingdom: production data can't be published to comply with EU competition rules.

Sanitary & Household - Production in Europe

'000 Tonnes	First Quarter		Second Quarter		Third Quarter		Fourth Quarter		Cumulative		% change
	2024	2023	2024	2023	2024	2023	2024	2023	2024	2023	2024/2023
France											
Germany											
Italy											
Netherlands											
Poland											
Romania											
Spain											
United Kingdom											
Other Cepi Countries[1]											
Total Cepi											

12 months 2024 / 12 months 2023: **4Q2024 / 4Q2023:** **4Q2024 / 3Q2024:**

Quarterly Production



Main Producers *



Notes

** Some main producers may be included in Other Cepi countries due to transparency reasons.*

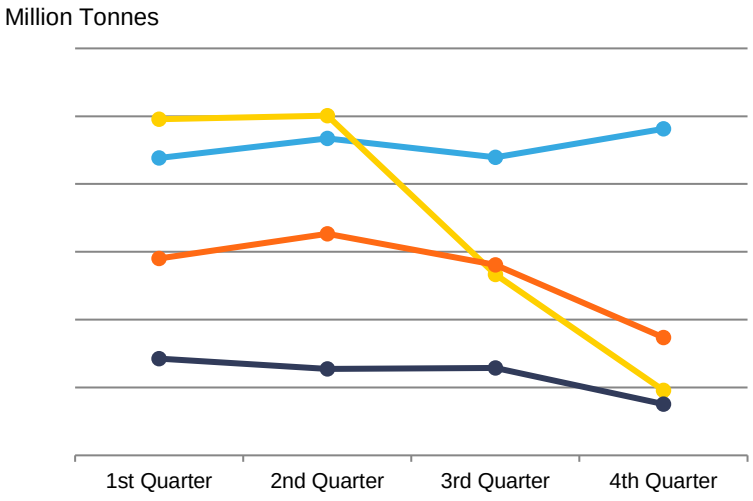
[1] Austria, Belgium, Czech Republic, Finland, Greece, Hungary, Norway, Portugal, Slovakia, Slovenia and Sweden: production data can't be published to comply with EU competition rules. Poland: data for September has been estimated by Cepi.

Total Packaging Paper and Board - Production in Europe

'000 Tonnes	First Quarter		Second Quarter		Third Quarter		Fourth Quarter		Cumulative		% change
	2024	2023	2024	2023	2024	2023	2024	2023	2024	2023	2024/2023
Austria											
Czech Republic											
Finland											
France											
Germany											
Italy											
Netherlands											
Poland											
Romania											
Spain											
Sweden											
United Kingdom											
Other Cepi Countries[1]											
Total Cepi											

12 months 2024 / 12 months 2023: **4Q2024 / 4Q2023:** **4Q2024 / 3Q2024:**

Quarterly Production



Main Producers *



Notes

** Some main producers may be included in Other Cepi countries due to transparency reasons.*

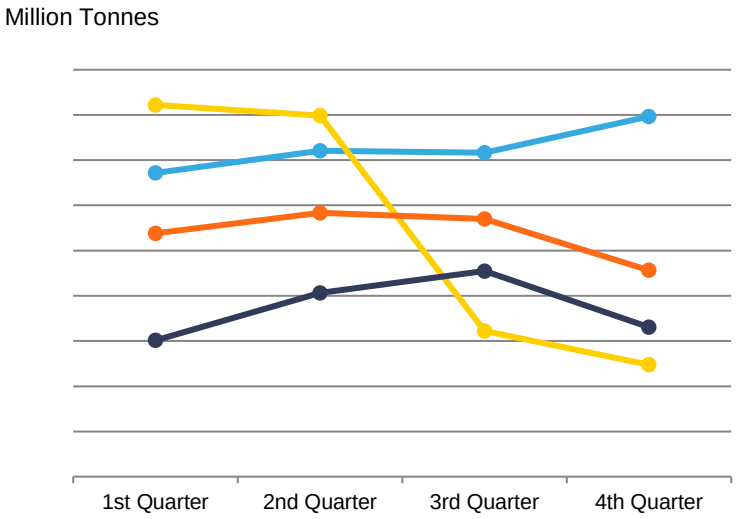
[1] Belgium, Greece, Hungary, Norway, Portugal, Slovakia and Slovenia: production data can't be published to comply with EU competition rules. Poland: data for September has been estimated by Cepi.

Containerboard - Production in Europe

'000 Tonnes	First Quarter		Second Quarter		Third Quarter		Fourth Quarter		Cumulative		% change
	2024	2023	2024	2023	2024	2023	2024	2023	2024	2023	2024/2023
Austria											
France											
Germany											
Italy											
Romania											
Spain											
Sweden											
Other Cepi Countries[1]											
Total Cepi											

12 months 2024 / 12 months 2023: **4Q2024 / 4Q2023:** **4Q2024 / 3Q2024:**

Quarterly Production



Main Producers *



Notes

** Some main producers may be included in Other Cepi countries due to transparency reasons.*

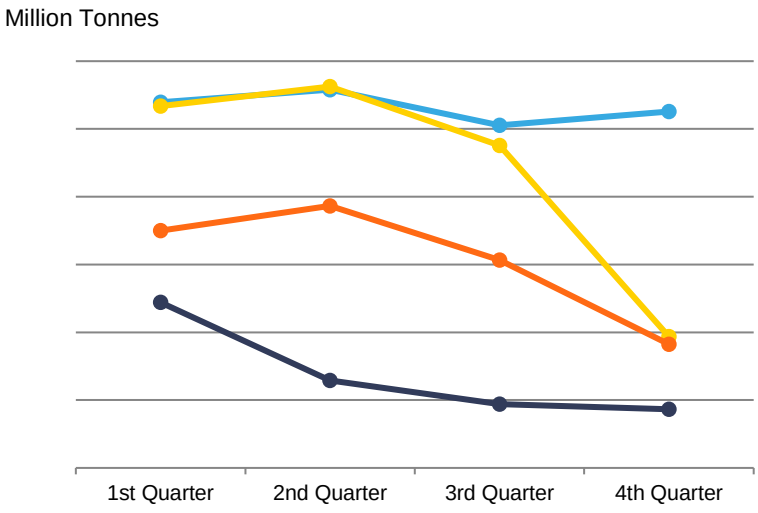
[1] Slovenia: no production of containerboard.
Belgium, Czech Republic, Finland, Greece, Hungary, Netherlands, Norway, Poland, Portugal, Slovakia and the United Kingdom: production data can't be published to comply with EU competition rules.

All other Paper and Board for Packaging - Production in Europe

'000 Tonnes	First Quarter		Second Quarter		Third Quarter		Fourth Quarter		Cumulative		% change
	2024	2023	2024	2023	2024	2023	2024	2023	2024	2023	2024/2023
Austria											
France											
Germany											
Italy											
Spain											
Sweden											
Other Cepi Countries[1]											
Total Cepi											

12 months 2024 / 12 months 2023: **4Q2024 / 4Q2023:** **4Q2024 / 3Q2024:**

Quarterly Production



Main Producers *



Notes

** Some main producers may be included in Other Cepi countries due to transparency reasons.*

[1] Romania: no production of other packaging than containerboard.
Belgium, Czech Republic, Finland, Greece, Hungary, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia and the United Kingdom: production data can't be published to comply with EU competition rules.

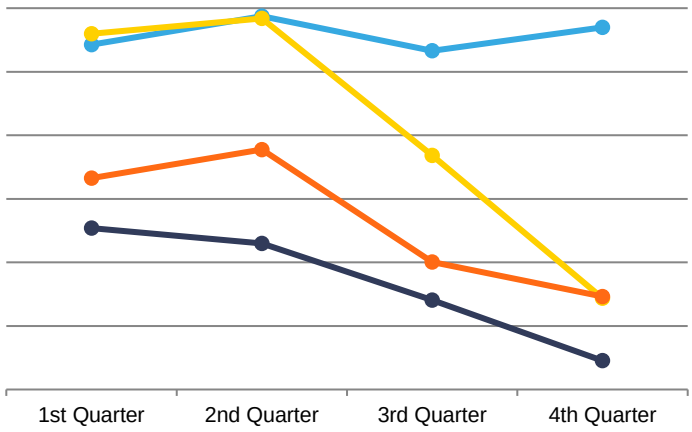
Other Paper and Board - Production in Europe

'000 Tonnes	First Quarter		Second Quarter		Third Quarter		Fourth Quarter		Cumulative		% change
	2024	2023	2024	2023	2024	2023	2024	2023	2024	2023	2024/2023
France											
Germany											
Italy											
Spain											
Other Cepi Countries[1]											
Total Cepi											

12 months 2024 / 12 months 2023: **4Q2024 / 4Q2023:** **4Q2024 / 3Q2024:**

Quarterly Production

Million Tonnes



Main Producers *



Notes

** Some main producers may be included in Other Cepi countries due to transparency reasons.*

[1] Greece, Netherlands, Norway, Portugal, Romania and Slovakia: no production of other paper and board.
Austria, Belgium, Czech Republic, Finland, Hungary, Poland, Slovenia, Sweden and the United Kingdom: production data can't be published to comply with EU competition rules.

Paper and Board Production by Grade and by Country in non-European Countries

12 months 2024

'000 Tonnes	Cepi	Canada (PPPC)	Japan (JPA)	South Korea (KPMA)	Brazil (BRACELPA)	China[3] (NBSC)
Newsprint [2]						
Uncoated Mechanical						
Uncoated Woodfree						
Coated Papers						
Printing and Writing Papers						
Total Graphic Papers						
Sanitary and Household						
Wrappings						
Containerboard						
Other P&B for Packaging						
Total Packaging Papers						
Other Paper & Board						
Total Paper & Board						

** included in Sanitary and Household*

*** included in Newsprint*

% Changes in Paper and Board Production by Grade and by Country

12 months 2024 / 12 months 2023

%	Cepi	Canada (PPPC)	Japan (JPA)	South Korea (KPMA)	Brazil (BRACELPA)	China[3] (NBSC)	USA[1] (AF&PA)
Newsprint [2]							
Uncoated Mechanical							
Uncoated Woodfree							
Coated Papers							
Printing and Writing Papers							
Total Graphic Papers							
Sanitary and Household							
Wrappings							
Containerboard							
Other P&B for Packaging							
Total Packaging Papers							
Other Paper & Board							
Total Paper & Board							

** included in Sanitary and Household*

*** included in Newsprint*

[1] The sub-divisions of Printing & Writing papers in USA are indicating shipments.

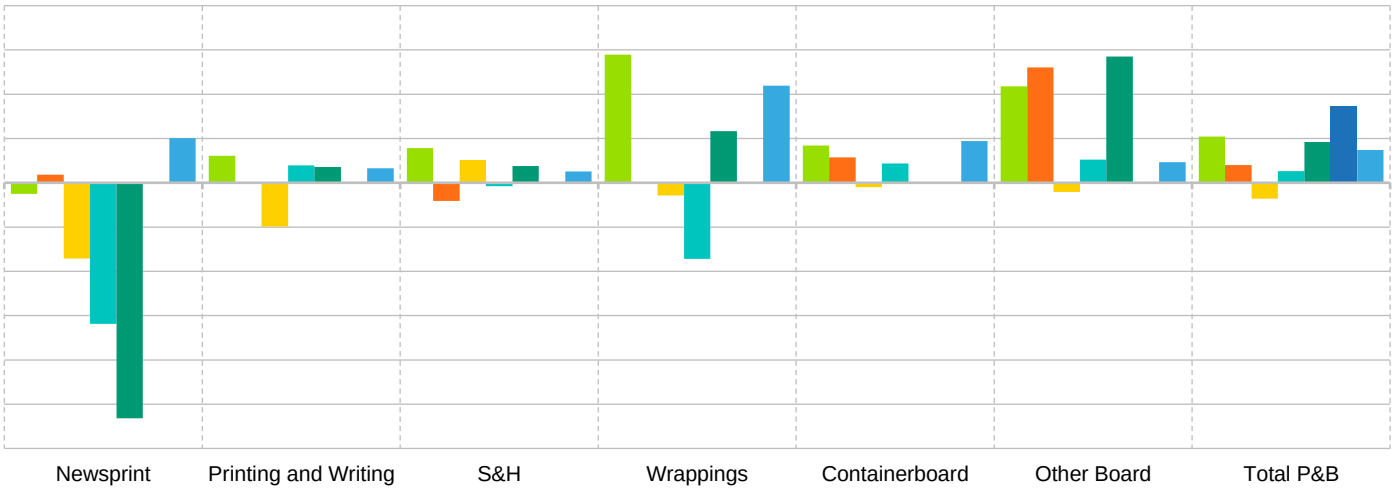
[2] USA Newsprint data are compiled by Pulp and Paper Products Council (PPPC)
Coated papers: coated woodfree only - Uncoated mechanical: includes coated mechanical.

[3] Source: National Bureau of Statistics of China

Comparison of % Changes in Paper and Board Production by Grade and by Country

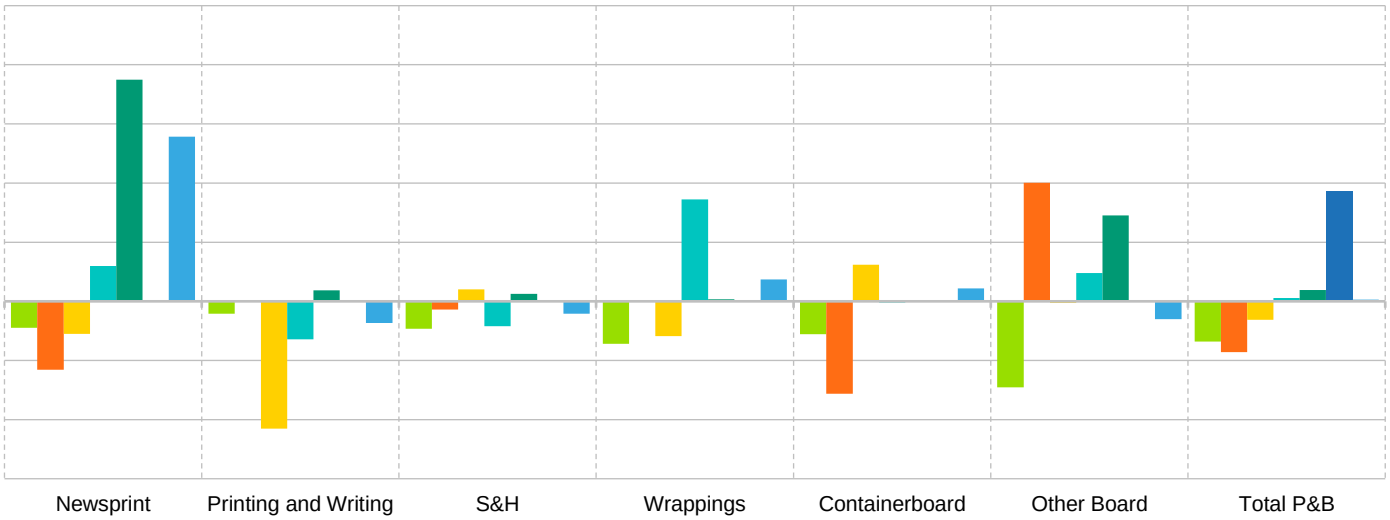
Cumulative comparison with previous year

12 months 2024 / 12 months 2023



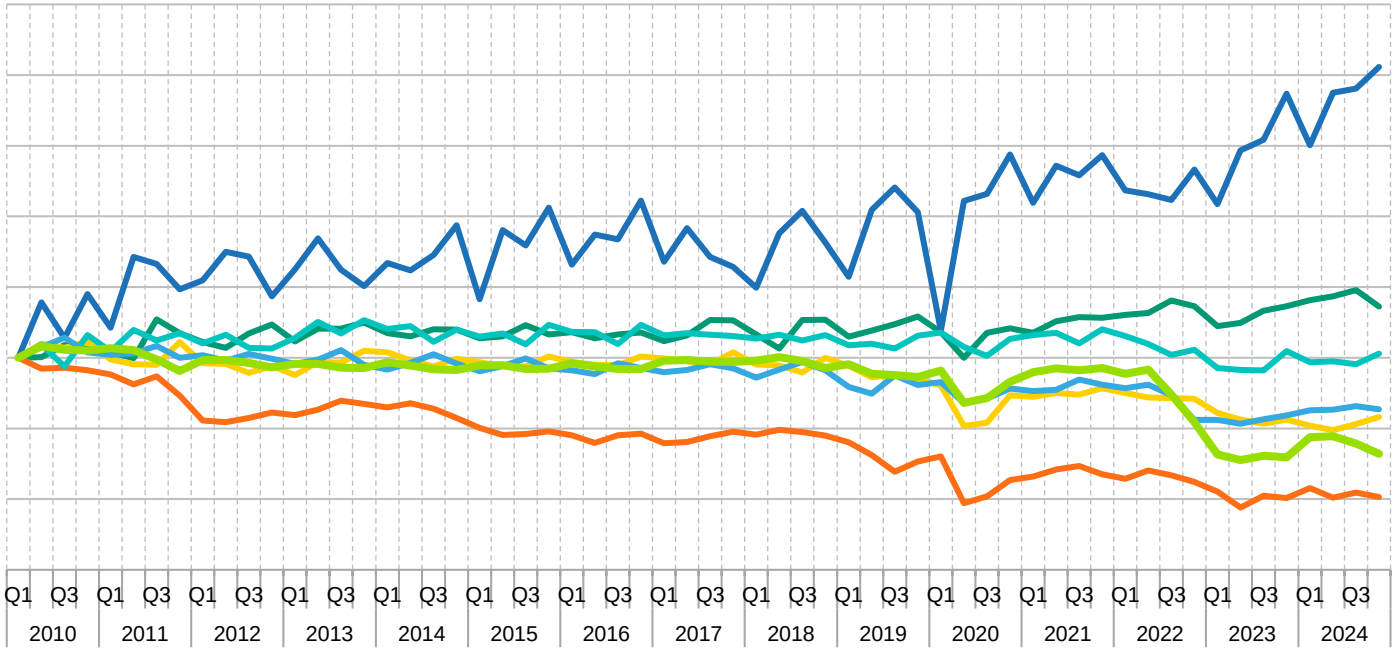
Comparison with previous quarter

4th Quarter 2024 / 3rd Quarter 2024



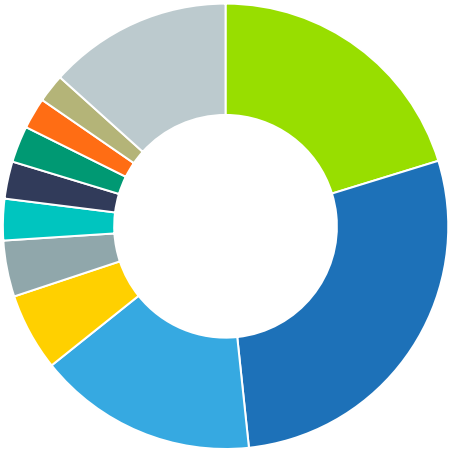
Quarterly Indexes of Paper and Board Production by Region

Index (2010 Q1 = 100)



World Paper and Board Production in 2022

'000 Tonnes



Cepi
China
USA
Japan
India
Indonesia
South Korea
Brazil
Russia
Canada
Rest of the World
Total World Production

Sources: National Associations - Fastmarkets RISI

Paper for Recycling - Utilisation by Class in Europe

'000 Tonnes	This Quarter			Previous Quarter		Cumulative		
	4Q2024	4Q2023	% chge	3Q2024	% chge*	2024	2023	% chge
Class I - Mixed Grades								
Class II - Corrugated and Kraft								
Class III - Newspapers and Magazines								
Class IV - Other Grades								
Paper for Recycling[1]								

* % change current quarter with previous quarter

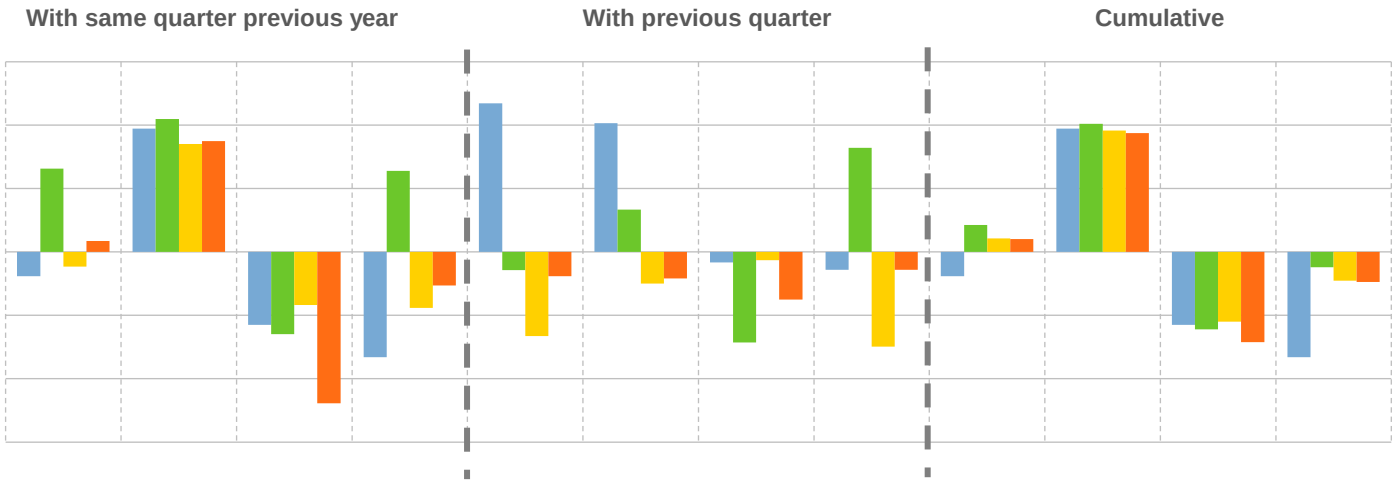
Note: data for Hungary and Slovakia has been estimated by Cepi.

[1] Quarterly data for some countries has been estimated by Cepi, accounting for 10 % of the total paper for recycling utilisation

Paper for Recycling Utilisation by Class in Europe (Year-to-Date)



Comparison of % Changes of Paper for Recycling Utilisation by Class

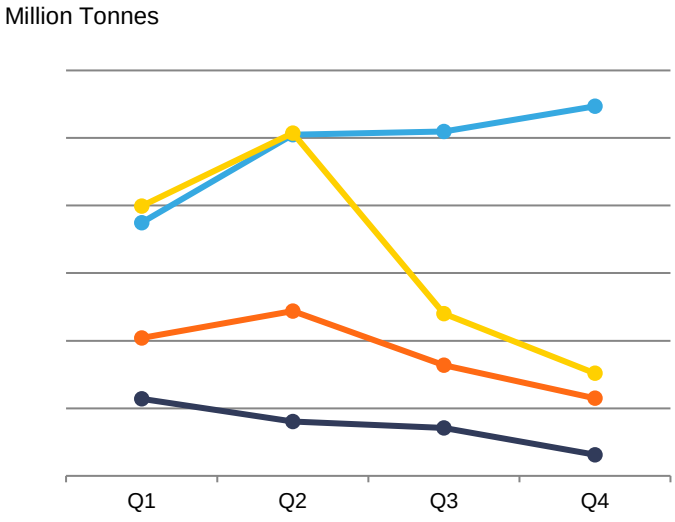


Paper for Recycling - Utilisation by Country in Europe*

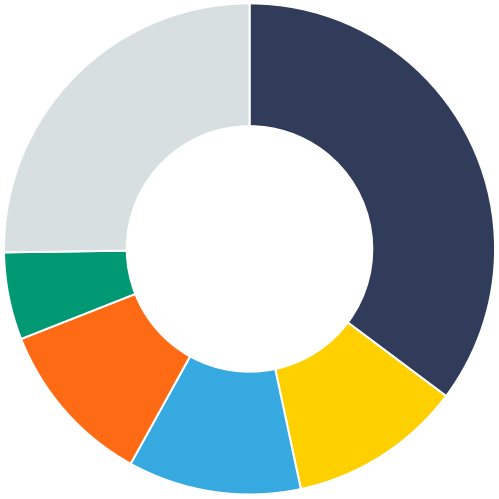
'000 Tonnes	First Quarter		Second Quarter		Third Quarter		Fourth Quarter		Cumulative		% change
	2024	2023	2024	2023	2024	2023	2024	2023	2024	2023	2024/2023
Austria											
Czech Republic											
France											
Germany											
Italy											
Netherlands											
Romania											
Spain											
Sweden											
United Kingdom											
Other Cepi Countries[1]											
Total Cepi											

12 months 2024 / 12 months 2023: **4Q2024 / 4Q2023:** **4Q2024 / 3Q2024:**

Quarterly Utilisation



Main Users



Notes

*Quarterly data for some countries has been estimated by Cepi, accounting for 10 % of the total paper for recycling utilisation.

[1]Belgium, Finland, Greece, Hungary, Norway, Poland, Portugal, Slovakia and Slovenia

Czech Republic: data reported account for 95% of national paper for recycling utilisation.

Netherlands: data reported account for 85% of national paper for recycling utilisation.

Spain: data reported account for 85% of national paper for recycling utilisation.