Interim report

January–September 2024

StoraEnso

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President and CEO Hans Sohlström:

"I am pleased to report that our value creation and profit improvement programmes are progressing well across all divisions."

Profit improvement and enhanced competitiveness

Value creation programmes focused on sourcing, operational, and commercial efficiencies are progressing well across all divisions. The profit improvement programme initiated in Q1/2024 with a target of EUR 120 million in fixed cost savings is expected to have full impact from 2025.

Value from forest

Stora Enso is preparing to sell approximately 12% of its 1.4 million hectares of forest assets in Sweden, valued at EUR 6.3 billion, to reduce debt confirming the financial value of the Company's forest holdings.

Beihai divestment discontinued

Stora Enso is of the view that the value in own use of the assets exceeds the achievable transaction value, and has therefore chosen to retain the Beihai packaging production site and forestry operations within the Group.

Cover photo: Packaging Materials division's products used in food packaging (AvantForte Brown, Natura, CKB Nude, Tambrite)

Continued growth and earnings improvement

Quarterly financial highlights (compared to Q3/23)

- Sales increased by 6% to EUR 2,261 (2,127) million.
- Adjusted EBIT increased to EUR 175 (21) million[2].
- Adjusted EBIT margin increased to 7.8% (1.0%).
- Operating result (IFRS) was EUR 139 (-1) million[2].
- Earnings per share (EPS) were EUR 0.11 (-0.04) and EPS excl. fair valuations (FV) was EUR 0.10 (-0.05).
- The value of the forest assets increased to EUR 8.8 (8.3) billion, equivalent to EUR 11.11 per share.
- Cash flow from operations amounted to EUR 271 (231) million. Cash flow after investing activities was EUR 4 (38) million.
- Net debt increased by EUR 409 million to EUR 3,528 (3,120) million, mainly due to the board investment at the Oulu site.
- The net debt to adjusted EBITDA (LTM[1]) ratio was 3.1 (2.4). The target to keep the ratio below 2.0 remains.

January–September result (compared to Jan-Sept 23)

- Sales were EUR 6,727 (7,222) million.
- Adjusted EBIT was EUR 478 (292) million.
- Operating result (IFRS) was EUR 372 (4) million.
- Earnings per share (EPS) were EUR 0.26 (-0.09) and EPS excl. fair valuations (FV) was EUR 0.25 (-0.09).
- Cash flow from operations amounted to EUR 863 (631) million. Cash flow after investing activities was EUR -15 (-31) million.
- Adjusted ROCE excluding the Forest division (LTM[1]) decreased to 2.7% (4.7%), the target being above 13%.

Key highlights

- The value creation programmes, centred on sourcing, operational and commercial efficiencies, are making good progress across all divisions.
- The profit improvement programme, initiated in Q1/2024 with a target of EUR 120 million in fixed cost savings, has progressed well, full impact is expected from 2025.
- In October, Stora Enso announced that it is preparing to sell approximately 12% of its total forest assets of 1.4 million hectares in Sweden, valued at EUR 6.3 billion. A sale would reduce debt, confirming the financial value of the Company's forest holdings.
- Stora Enso decided in October to discontinue the divestment process for its Beihai packaging board production site and forestry business. Stora Enso is of the view that the value in own use of the assets exceeds the achievable transaction value, and has therefore chosen to retain these operations within the Group. As a result of the reversal of classification as held for sale, Adjusted EBIT and IFRS operating result for Q1 to Q3/24 decreased by EUR 7.5 million per each quarter, EUR 30 million for the full year 2024, due to the inclusion of previously suspended depreciation into the restated results.[2]
- The consumer board investment at the Oulu site in Finland is progressing on schedule. Production is expected to start in the second quarter of 2025, with full capacity estimated to be reached during 2027.

Guidance

Stora Enso's full year 2024 adjusted EBIT is expected to be significantly higher than for the full year 2023, EUR 342 million.

Sales	Adjusted EBIT margin	Adjusted ROCE excl. the Forest division (LTM[1])
EUR 2,261 million (Q3/2023: 2,127)	**7.8%** (Q3/2023: 1.0%)	**2.7%** (Q3/2023: 4.7%)
Net debt to adjusted EBITDA (LTM[1])	**EPS (basic)**	**Cash flow from operations**
3.1 (Q3/2023: 2.4)	**EUR 0.11** (Q3/2023: -0.04)	**EUR 271 million** (Q3/2023: 231)

[1] LTM = Last 12 months

[2] The classification of the Beihai site as assets held for sale has been ceased. The previously published adjusted EBIT and IFRS operating result for January–June 2024 decreased by EUR 15 million due to the inclusion of the previously suspended depreciation into the restated results. Read more under Restatements.

Outlook

Market and business outlook

Stora Enso's recent profitability improvement initiatives have positively impacted the earnings trend over the past four quarters and reduced the Group's net debt to EBITDA ratio in the last two quarters. Stora Enso anticipates that the gradual market recovery will slow down for the rest of the year, which is expected to adversely impact its profits in the fourth quarter. This sequential slowdown is attributed to factors such as weak consumer board demand, corrugated board overcapacity, and an ongoing weak construction sector. Additionally, high wood costs are likely to continue compressing margins. Stora Enso anticipates persistent market volatility, including high inflation, potential labour strikes, and slow retail growth, along with other demand and price fluctuations through year-end.

Packaging Materials

The seasonally low fourth quarter is expected to encounter challenges, including decreased volumes due to weaker demand and annual maintenance shutdowns. The average price level across the division is expected to be lower in the fourth quarter, despite price increases in both consumer board and containerboard. This is due to product mix adjustments with a higher portion of lower-priced containerboard compared to higher-priced consumer board products. The planned annual shutdowns are at five of its production sites, of which four in consumer board including two major integrated sites, which will also elevate fixed costs. The persistent high cost of wood remains a primary concern. Weak order inflow during third quarter makes the fourth-quarter outlook uncertain. Demand for cartonboard, kraftliner, and testliner is expected to drop slightly, influenced by seasonal lows, while paper demand is forecasted to grow sequentially due to favourable seasonal effects.

Packaging Solutions

Market demand remains unpredictable and volatile, influenced by weekly fluctuations and pervasive overcapacity. Volumes in Western Europe are likely to decline sequentially due to seasonal effects, with any significant uplift from traditional peak periods like "Black week" and Christmas not anticipated. The Chinese market continues to struggle amid a weak economic environment. Despite no major anticipated cost increases in the fourth quarter, ongoing expenses related to increased containerboard prices and the ongoing ramp up of the corrugated packaging site in De Lier, NL, are expected to constrain margin growth.

Biomaterials

Demand will vary across segments, but the division's average is expected to remain unchanged quarter-on-quarter. In China, fourth-quarter demand is poised to rise due to low inventories, favourable seasonal demand, and lower prices. Conversely, demand in Europe is expected to weaken slightly, primarily due to reduced demand for printing and writing paper products, and tissue, although demand for fluff is projected to remain stable. Wood prices in the Nordics are forecasted to be high, while chemical prices are likely to stabilise at third-quarter levels.

Wood Products

Demand for classic sawn products and pellets, particularly for heating, is expected to rise sequentially in the fourth quarter due to seasonal factors. Demand for building solutions, such as construction beams and cross-laminated timber, is anticipated to drive higher volumes. Raw material costs in the fourth quarter are expected to align with third-quarter levels on average, although fixed costs may increase with volume growth. Elevated wood costs are projected to continue, with a year-on-year increase.

Forest

Wood markets in the Baltic Rim are forecasted to remain constrained due to a shortage of wood, driven by heightened demand for industrial wood (pulpwood and sawlogs). A robust and sustainable financial performance is expected to continue from the first three quarters into the fourth quarter. General cost inflation, particularly affecting logistics and harvesting costs from the third quarter, is also expected to impact the fourth quarter.

Long-term growth opportunities

Stora Enso maintains leading market positions in sectors positioned for long-term growth, including high-end consumer packaging, wood construction, and innovative biomaterials. The Group is set to capitalise on sustainability trends and regulatory advancements which favour its product offerings, enhancing its market presence and driving continuous progress.

Market demand development by division quarter-on-quarter, Q3/2024 to Q4/2024

Packaging Materials	• Demand for consumer board in Europe is expected to be slightly weaker and slightly stronger in China. • European demand for containerboard is expected to be slightly stronger. • European demand for paper is expected to be slightly stronger at a low level.
Packaging Solutions	• European demand for corrugated packaging is expected to be weaker.
Biomaterials	• The average demand for the division is expected to be unchanged. Demand for softwood and hardwood pulp in Europe is expected to be slightly weaker and slightly stronger in China. • Demand for fluff pulp is expected to be stable.
Wood Products	• Demand for sawn wood is expected to be significantly stronger due to seasonality. • Weak demand for building solutions in the construction segment is expected to persist.
Forest	• Demand for industrial wood is expected to be stronger across all markets, leading to continued tight market conditions in the Baltic Rim. • Demand for pulpwood for energy use is expected to be be stronger due to seasonality.

Key figures

EUR million	Q3/24	Q3/23	Change % Q3/24–Q3/23	Q2/24	Change % Q3/24–Q2/24	Q1–Q3/24	Q1–Q3/23	Change % Q1–Q3/24–Q1–Q3/23	2023
Sales	2,261	2,127	6.3%	2,301	-1.7%	6,727	7,222	-6.9%	9,396
Adjusted EBITDA	328	180	82.3%	312	5.1%	938	777	20.7%	989
Adjusted EBITDA margin	14.5%	8.5%		13.6%		13.9%	10.8%		10.5%
Adjusted EBIT[3]	175	21	n/m	153	14.4%	478	292	63.8%	342
Adjusted EBIT margin[3]	7.8%	1.0%		6.7%		7.1%	4.0%		3.6%
Operating result (IFRS)[3]	139	-1	n/m	92	52.4%	372	4	n/m	-322
Result before tax (IFRS)[3]	98	-41	n/m	43	129.9%	235	-117	n/m	-495
Net result for the period (IFRS)[3]	84	-34	n/m	35	142.3%	195	-106	284.4%	-431
Cash flow from operations	271	231	17.3%	323	-16.2%	863	631	36.7%	954
Cash flow after investing activities	4	38	-90.1%	86	-95.7%	-15	-31	53.0%	-40
Capital expenditure	229	242	-5.3%	285	-19.6%	741	704	5.2%	1,125
Capital expenditure excluding investments in biological assets	210	227	-7.4%	263	-20.2%	684	653	4.6%	1,054
Depreciation and impairment charges excl. IAC[3]	125	130	-3.9%	126	-0.8%	376	401	-6.1%	534
Net debt	3,528	3,120	13.1%	3,497	0.9%	3,528	3,120	13.1%	3,167
Forest assets[1,3]	8,758	8,256	6.1%	8,723	0.4%	8,758	8,256	6.1%	8,731
Adjusted return on capital employed (ROCE), LTM[2,3]	3.7%	4.5%		2.6%		3.7%	4.5%		2.4%
Adjusted ROCE excl. Forest division, LTM[2,3]	2.7%	4.7%		1.1%		2.7%	4.7%		1.0%
Earnings per share (EPS) excl. FV, EUR[3]	0.10	-0.05	n/m	0.06	66.7%	0.25	-0.09	n/m	-0.73
EPS (basic), EUR[3]	0.11	-0.04	n/m	0.05	131.6%	0.26	-0.09	n/m	-0.45
Return on equity (ROE), LTM[2,3]	-1.2%	4.1%		-2.3%		-1.2%	4.1%		-3.8%
Net debt/equity ratio	0.33	0.28		0.33		0.33	0.28		0.29
Net debt to LTM[2] adjusted EBITDA ratio	3.1	2.4		3.5		3.1	2.4		3.2
Equity per share, EUR[3]	13.73	14.03	-2.2%	13.60	1.0%	13.73	14.03	-2.2%	13.93
Average number of employees (FTE)	19,364	21,132	-8.4%	19,469	-0.5%	19,405	21,097	-8.0%	20,822

[1] Total forest assets value, including leased land, assets held for sale and Stora Enso's share of Tornator.
[2] LTM = Last 12 months. The calculation method explained in the section Alternative performance measures.
[3] Q2/24 restated, see chapter Restatements for more details.

IAC = Items affecting comparability, FV = Fair valuations and non-operational items

Adjusted key figures, items affecting comparability and other non-IFRS measures: Stora Enso's non-IFRS measures, and the calculation and definitions of the key figures are presented in the section Alternative performance measures.

From 1 January 2024 onwards, a slight change in terminology is applied with regards to certain key alternative performance measures. More information in the section Changes in Alternative performance measures.

Production and external deliveries

	Q3/24	Q3/23	Change % Q3/24–Q3/23	Q2/24	Change % Q3/24–Q2/24	Q1–Q3/24	Q1–Q3/23	Change % Q1–Q3/24–Q1–Q3/23	2023
Consumer board deliveries, 1,000 tonnes	870	651	33.6%	712	22.2%	2,261	2,057	9.9%	2,691
Consumer board production, 1,000 tonnes	771	664	16.1%	727	6.0%	2,200	2,033	8.2%	2,593
Containerboard deliveries, 1,000 tonnes	347	320	8.4%	332	4.6%	996	978	1.8%	1,236
Containerboard production, 1,000 tonnes	373	386	-3.3%	400	-6.7%	1,152	1,198	-3.9%	1,592
Corrugated packaging European deliveries, million m^2	313	304	3.1%	324	-3.2%	917	888	3.3%	1,167
Corrugated packaging European production, million m^2	300	273	9.8%	304	-1.5%	888	836	6.2%	1,094
Market pulp deliveries, 1,000 tonnes	494	555	-11.0%	561	-12.0%	1,441	1,671	-13.7%	2,220
Wood products deliveries, 1,000 m^3	912	863	5.7%	1,079	-15.5%	2,869	2,940	-2.4%	3,897
Wood deliveries, 1,000 m^3	3,108	3,003	3.5%	3,290	-5.5%	9,892	10,232	-3.3%	13,667
Paper deliveries, 1,000 tonnes	156	173	-10.1%	144	8.2%	457	588	-22.2%	761
Paper production, 1,000 tonnes	161	180	-11.0%	145	11.0%	457	583	-21.6%	752

The comparative figures for corrugated packaging European deliveries have been adjusted.

Total planned maintenance impact

Expected and historical impact as lost value of sales and planned maintenance costs

EUR million	Q4/2024[1]	Q3/2024[2]	Q2/2024	Q1/2024	Q4/2023	Q3/2023
Total maintenance impact	113	139	134	83	123	110

[1] The estimated numbers may be impacted by unforeseen additional costs and/or volume loss in connection with the planned maintenance stops and the restart of operations. [2] The estimate for Q3/2024 was EUR 127 million.

CEO comment

I am pleased to report that our value creation and profit improvement programmes are progressing well across all divisions. These initiatives, designed to optimise our processes and enhance our competitive edge, remain on track. Improvements in profitability, along with more favourable market conditions in some segments during the third quarter, continued to support a positive earnings trend. Our team is diligently managing operations, sales, sourcing, working capital, and refining processes to ensure operational efficiency, cost competitiveness and financial strength. And our profit improvement programme, initiated earlier this year with a goal of 120 million euro in fixed cost savings, is set to deliver its full impact from 2025.

We have seen a strong increase in our Group financial performance this quarter compared to last year, driven by higher prices and volumes, particularly in Packaging Materials. The Biomaterials division demonstrated strong performance, though demand weakened during the quarter with rapidly decreasing pulp prices. Our Forest division delivered a record high third quarter result, driven by increased wood prices. This resulted in a Group sales increase to 2,261 million euro from 2,127 million euro. The adjusted EBIT rose for the fourth consecutive quarter, reaching 175 million euro, up from 21 million euro in 2023, due to price hikes and cost cuts. This improved our margin to 7.8% from 1%. Challenges persist in the Wood Products division due to a weak construction sector and our Packaging Solutions face price lags and market overcapacity. Despite these challenges, our cost-saving measures have effectively reduced both fixed and variable costs.

On 23 October, we announced that after a thorough review and negotiations, we decided to stop the divestment process and instead retain our Beihai packaging production site and forestry business, recognising that the value in own use of these assets exceeds achievable sale proceeds. This decision supports our strategic aim to strengthen our leadership in the fiber-based packaging market and by optimising the product mix, this site will continue to enhance our position as a leading global supplier, especially in the Asia Pacific region. We are committed to financial prudence, with no significant capital expenditure expected in the mid-term as we pursue these strategic enhancements.

In our continuous pursuit of financial stability, we are preparing for the sale of approximately 12% of our forest assets in Sweden, covering 1.4 million hectares valued at 6.3 billion euro. This divestment aims to strengthen our balance sheet, underscoring the economic value and resilience of our forest holdings.

In our ongoing commitment to prioritise financial stability through strategic decisions such as the divestment of forest assets in Sweden, we remain equally dedicated to maintaining the highest environmental standards in all operational areas.

Looking ahead, we are intensifying our focus on capital allocation and asset strategy in growing market segments, laying the foundation for enhanced competitiveness and profitable growth across the Group. Our focused profitability improvement initiatives over the past year have strengthened Stora Enso's financial standing. However, we anticipate a slower market recovery for the remainder of the year to adversely impact profits due to the effect from declining pulp prices, subdued board demand and a changed mix of packaging products, together with continued high wood costs. We confirm our annual guidance for adjusted EBIT to be significantly higher than for the full year 2023 and remain committed to delivering exceptional service to our customers and robust value growth for our shareholders.

Sincerely,
Hans Sohlström
President and CEO, Stora Enso

Events and product update

Value creation programmes

Stora Enso's value creation programmes, centred on variable costs and pricing, as well as sourcing, operational and commercial efficiencies, are making good progress across all divisions. These efforts have had a significant positive impact on profits and cost competitiveness, creating a new way of working that enhances continuous improvements in processes.

Profit improvement programme proceeding well

Stora Enso's profit improvement programme initiated in February 2024, aimed at reducing fixed costs to boost annualised adjusted EBIT by EUR 120 million, is progressing successfully. The programme might result in an estimated reduction of around 1,000 employees, but no production sites will be closed. Reductions will be proportional to division sizes, addressing the persistently weak and uncertain market conditions. Full impact is expected from 2025.

Biographite demonstration plant at the Sunila site

CarbonScape, a New Zealand-based start-up company in which Stora Enso has a minority shareholding, chose Stora Enso's Sunila site in Finland as the location for its biographite demonstration plant, taking a step towards commercialising bio-based graphite for lithium-ion batteries. Biographite offers a carbon-negative alternative to traditional graphite, helping solve supply chain and sustainability challenges in the electric vehicle and energy storage sectors.

New collaboration on kraft lignin supply

Södra, Sweden's largest forest-owner association, will supply Stora Enso with kraft lignin from its Swedish production facility, which will begin operations in 2027. Through this supply agreement, Stora Enso and Södra aim to enhance the development of lignin as a sustainable non-fossil-based material, with broad applications across various industries.

Events after the quarter

On 3 October, Stora Enso announced that it was preparing to sell approximately 12% of its total forest assets in Sweden.

On 23 October, Stora Enso announced that it had decided to discontinue the divestment process of its Beihai production site in China.

Third quarter 2024 results (compared with Q3/2023)

Sales	Adjusted EBIT margin	Earnings per share
MEUR 2,261 (Q3/2023: 2,127)	**7.8%** (Q3/2023: 1.0%)	**EUR 0.11** (Q3/2023: -0.04)

Group sales increased by 6%, or EUR 134 million, to EUR 2,261 (2,127) million. Higher prices in all divisions except in Packaging Solutions and increased deliveries especially in Packaging Materials were only partly offset by the negative impact of structural changes. These changes related mainly to the closures of the De Hoop board unit in the Netherlands, the Anjala paper machine in Finland, and the Näpi sawmill in Estonia.

Group adjusted EBIT increased to EUR 175 (21) million, and the adjusted EBIT margin increased to 7.8% (1.0%). Higher prices and volumes increased profitability by EUR 99 million and EUR 33 million, respectively. Variable costs were EUR 19 million higher driven by increased pulpwood costs. Fixed costs decreased by EUR 13 million despite higher maintenance activity in Biomaterials, mainly due to cost saving actions. Net foreign exchange rates had a positive EUR 15 million impact on adjusted EBIT. The impact from the structural changes, depreciations, associated companies and other was a positive EUR 13 million on adjusted EBIT.

Fair valuations and non-operational items (FV) had an impact on the operating result of EUR 0 (5) million.

Items affecting comparability (IAC) had an adverse impact of EUR 36 (26) million on the operating result.

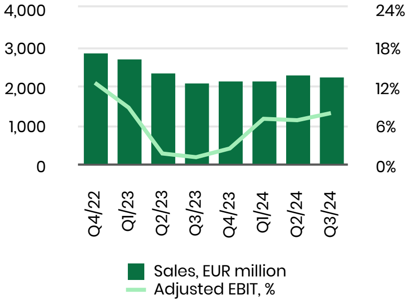
More details of the items affecting comparability and fair valuation items are included in the sections for each division and in the section Items affecting comparability (IAC), fair valuations and non-operational items (FV). Operating result (IFRS) was EUR 139 (-1) million.

Net financial items of EUR 41 million were EUR 1 million higher than the corresponding period last year. Net interest expenses of EUR 31 million increased by EUR 2 million. Other net financial expenses increased to EUR 13 (4) million. The net foreign exchange impact in respect of cash equivalents, interest-bearing assets and liabilities, and related foreign-currency hedges amounted to a gain of EUR 3 (loss of EUR 7) million.

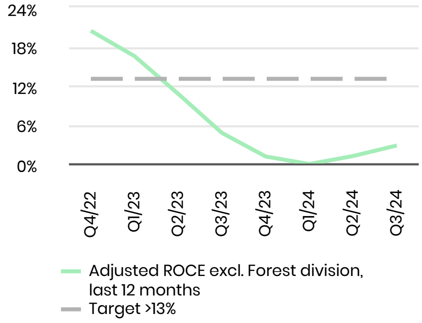
Earnings per share increased to EUR 0.11 (-0.04), and earnings per share excluding fair valuations were EUR 0.10 (-0.05).

The adjusted return on capital employed LTM (ROCE) was 3.7% (4.5%). Adjusted ROCE excluding the Forest division LTM was 2.7% (4.7%).

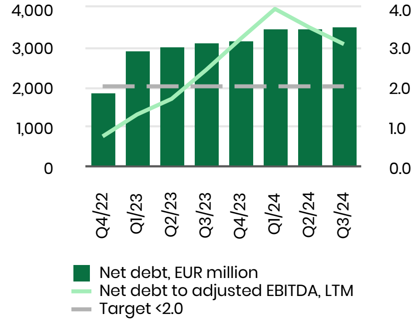
Sales and adjusted EBIT margin



Adjusted ROCE excl. Forest (LTM)



Net debt to adjusted EBITDA (LTM)



LTM = Last 12 months, the calculation method is explained in the section Alternative performance measures.

Breakdown of change in sales

Sales Q3/2023, EUR million	**2,127**
Price and mix	5%
Currency	0%
Volume	5%
Other sales[1]	0%
Total before structural changes	**9%**
Structural changes[2]	-3%
Total	**6%**
Sales Q3/2024, EUR million	**2,261**

[1] Energy, paper for recycling (PfR), by-products etc.
[2] Asset closures, major investments, divestments and acquisitions

Breakdown of change in capital employed

Capital employed 30 September 2023, EUR million	**14,126**
Capital expenditure excl. investments in biological assets less depreciation	577
Investments in biological assets less depletion of capitalised silviculture costs	6
Impairments and reversal of impairments	-610
Fair valuation of forest assets	232
Unlisted securities (mainly PVO)	20
Associated companies	71
Net liabilities in defined benefit plans	-46
Operating working capital and other interest-free items, net	-250
Emission rights	-21
Net tax liabilities	84
Acquisition of subsidiaries	71
Disposal of subsidiaries	-4
Translation difference	-6
Other changes	-1
Capital employed 30 September 2024	**14,249**

January–September results 2024 (compared with January–September 2023)

Group sales decreased by 7%, or EUR 495 million to EUR 6,727 (7,222) million, mainly due to structural changes. Lower sales prices were offset by higher deliveries. The structural changes relate to the paper site divestments at Hylte in Sweden and Maxau in Germany, and closures of the De Hoop board site in the Netherlands, the Anjala paper machine in Finland, the Sunila pulp mill in Finland and the Näpi sawmill in Estonia.

Adjusted EBIT increased to EUR 478 (292) million and the adjusted EBIT margin increased to 7.1% (4.0%). Lower sales prices, in all other divisions, except Biomaterials and Forest, decreased profitability by EUR 125 million. Higher volumes, despite the Finnish political strike in 2024, increased adjusted EBIT by EUR 153 million. Lower variable costs increased adjusted EBIT by EUR 39 million, as higher pulpwood costs were more than offset by lower other variable cost, especially chemical costs.

Fixed costs were EUR 149 million lower, mainly due to cost saving actions. Net foreign exchange rates increased profitability by EUR 28 million. The impact from the structural changes, depreciations, associated companies and other, had an adverse impact of EUR 58 million on adjusted EBIT. Operating result (IFRS) was EUR 372 (4) million.

Fair valuations and non-operational items (FV) had an adverse net impact on the operating result of EUR 4 (-2) million. Items affecting comparability (IAC) had an adverse impact of EUR 102 (290) million on the operating result. The main IAC and FV items are presented in the section Items affecting comparability (IAC), fair valuations and non-operational items (FV).

Sales

MEUR 6,727
(Q1–Q3/2023: 7,222)

Adjusted EBIT margin

7.1%
(Q1–Q3/2023: 4.0%)

Third quarter 2024 results (compared with Q2/2024)

Group sales decreased to EUR 2,261 (2,301) million. Higher sales prices, especially for board products were offset by lower deliveries.

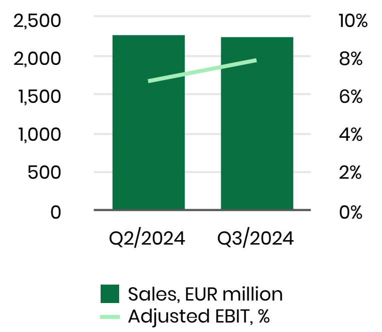
Adjusted EBIT increased to EUR 175 (153) million and the margin improved to 7.8% (6.7%). Higher sales prices increased adjusted EBIT by EUR 14 million. Variable costs increased by EUR 18 million driven by higher fiber costs, mainly pulpwood.

Volumes had a negative EUR 32 million impact. Fixed costs were EUR 21 million lower driven by cost reduction, profit improvement actions and seasonality. Net foreign exchange rates had a positive EUR 10 million impact on adjusted EBIT. The impact from structural changes, depreciations, associated companies and other was a positive EUR 26 million.

Operating result (IFRS) was EUR 139 (92) million.

More details of the items affecting comparability (IAC) and fair valuations (FV) are included in the sections for each division.

Sales and adjusted EBIT margin



Packaging Materials

- Solid quarter with high operating rates and results from profit improvement programme
- Price increases improved the result in containerboard

- The order inflow weakened for all segments during Q3
- Consumer board price increases successfully implemented on renewed contracts, representing a small portion of total volume

Adjusted ROOC (LTM)

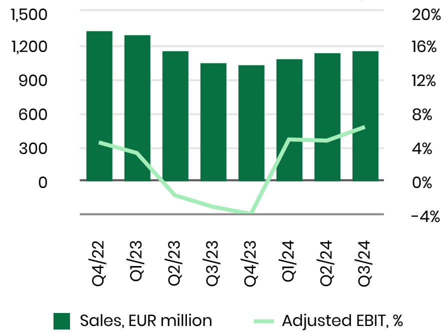
3.8%
(Target: >20%)

Planned maintenance shutdowns

	2023	2024
Q1	–	–
Q2	Beihai, Ostrołęka, Langerbrugge	Beihai, Langerbrugge
Q3	Anjalankoski, Heinola, Ostrołęka, Oulu, Varkaus, Ingerois	Oulu, Varkaus, Heinola
Q4	Fors, Imatra, Skoghall	Anjalankoski, Fors, Imatra, Ostrołęka, Skoghall

- Sales increased by 11%, or EUR 112 million, to EUR 1,169 million. Higher volumes and significantly higher containerboard prices were only partly offset by the adverse impact from production unit/line closures during 2023.
- Adjusted EBIT increased by EUR 107 million to EUR 73 million driven by improved topline and lower fixed costs. Higher cost of fiber was offset by lower energy, chemicals and other variable costs.
- Adjusted ROOC (LTM) was 3.8% (1.2%), below the long-term target of >20%.

Sales and adjusted EBIT margin



EUR million	Q3/24	Q3/23	Change % Q3/24–Q3/23	Q2/24	Change % Q3/24–Q2/24	Q1–Q3/24	Q1–Q3/23	Change % Q1–Q3/24–Q1–Q3/23	2023
Sales	1,169	1,057	10.6%	1,138	2.7%	3,407	3,512	-3.0%	4,557
Adjusted EBITDA	147	46	219.3%	127	16.3%	400	232	72.5%	267
Adjusted EBITDA margin	12.6%	4.4%		11.1%		11.8%	6.6%		5.9%
Adjusted EBIT[2]	73	-34	n/m	53	38.7%	178	-15	n/m	-57
Adjusted EBIT margin[2]	6.3%	-3.2%		4.6%		5.2%	-0.4%		-1.3%
Fair valuations and non-operational items[1]	-1	0	n/m	-1	4.1%	-3	0	n/m	12
Items affecting comparability (IAC)[1]	-10	-4	-142.2%	-27	63.0%	-42	-123	65.9%	-597
Operating result (IFRS)[2]	62	-38	262.6%	24	155.7%	133	-138	197.0%	-642
Adjusted EBIT, LTM[2]	135	44	205.5%	28	n/m	135	44	205.5%	-57
Operating capital, LTM average[2]	3,524	3,640	-3.2%	3,516	0.2%	3,524	3,640	-3.2%	3,580
Adjusted ROOC, LTM[2]	3.8%	1.2%		0.8%		3.8%	1.2%		-1.6%
Cash flow from operations[2]	130	140	-7.5%	64	103.6%	353	215	64.2%	370
Cash flow after investing activities[2]	-56	20	n/m	-99	43.6%	-283	-176	-61.1%	-235
Board and paper deliveries, 1,000 tonnes	1,440	1,215	18.5%	1,264	13.9%	3,929	3,787	3.8%	4,963
Board and paper production, 1,000 tonnes	1,304	1,230	6.1%	1,272	2.6%	3,809	3,719	2.4%	4,843

[1] The IAC for Q3/24 included EUR -10 million restructuring costs related to various units, mainly due to profit improvement programme actions. The IAC for Q3/23 included costs related to closure of De Hoop EUR -4 million and other restructuring costs of EUR -1 million. The fair valuations for Q3/24 included non-operational fair valuation changes of biological assets of EUR -1 (0) million.

[2] Q2/24 restated, see chapter Restatements for more details.

LTM = Last 12 months

Packaging Materials

Market development during Q3/2024

Product	Market	Demand Q3/24 compared with Q3/23	Demand Q3/24 compared with Q2/24	Price Q3/24 compared with Q3/23	Price Q3/24 compared with Q2/24
Consumer board	Europe	Significantly stronger	Stable	Slightly lower	Stable
Kraftliner	Global	Slightly stronger	Slightly weaker	Higher	Higher
Testliner	Europe	Slightly stronger	Slightly weaker	Significantly higher	Significantly higher
Paper	Europe	Slightly stronger	Weaker	Significantly lower	Stable

Source: Fastmarket RISI, Fastmarket FOEX, CEPI, Numera Analytics, Stora Enso. Consumer board prices include FBB only.

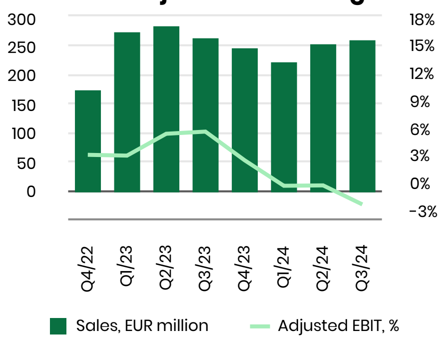
Packaging Solutions

- Margin pressure due to increased containerboard costs
- Volumes improved slightly, however selling prices were under pressure due to overcapacity and soft demand
- Ramp up of the new corrugated packaging site in The Netherlands burdened the result

Adjusted ROOC (LTM)	Sales YoY	Adjusted EBIT margin
-0.3% (Target: >15%)	**-2%**	**-2.5%** (Q3/2023: 5.4%)

- Sales decreased by 2% or EUR 5 million to EUR 262 million. Sales were negatively impacted by lower selling prices compared to last year, which were caused by earlier declines in the prices of containerboard, the main input material, and by market overcapacity.
- Adjusted EBIT decreased by EUR 21 million to EUR -6 million, mainly impacted by high margin pressure. This pressure primarily resulted from a contractual lag in passing the sequentially increased containerboard costs in Q3 this year onto customers.
- Adjusted ROOC (LTM) was -0.3%, below the long-term target of >15%.

Sales and adjusted EBIT margin



EUR million	Q3/24	Q3/23	Change % Q3/24–Q3/23	Q2/24	Change % Q3/24–Q2/24	Q1-Q3/24	Q1-Q3/23	Change % Q1-Q3/24–Q1-Q3/23	2023
Sales	262	266	-1.7%	254	2.9%	740	830	-10.8%	1,077
Adjusted EBITDA	13	31	-57.4%	18	-27.6%	50	87	-42.4%	111
Adjusted EBITDA margin	5.1%	11.7%		7.2%		6.8%	10.5%		10.3%
Adjusted EBIT	-6	14	-144.8%	-1	n/m	-9	37	-122.9%	43
Adjusted EBIT margin	-2.5%	5.4%		-0.4%		-1.2%	4.5%		4.0%
Items affecting comparability (IAC)[1]	-1	0	-146.4%	-3	52.8%	-6	-26	74.8%	-26
Operating result (IFRS)	-8	14	-154.9%	-4	-114.2%	-15	12	-227.0%	17
Adjusted EBIT, LTM	-3	42	-106.6%	18	-115.5%	-3	42	-106.6%	43
Operating capital, LTM average	1,023	709	44.4%	1,034	-1.0%	1,023	709	44.4%	874
Adjusted ROOC, LTM	-0.3%	6.0%		1.8%		-0.3%	6.0%		4.9%
Cash flow from operations	24	40	-39.8%	24	2.5%	54	98	-44.4%	145
Cash flow after investing activities	14	21	-31.3%	14	4.3%	22	36	-38.3%	62
Corrugated packaging European deliveries, million m^2	317	304	4.3%	326	-2.9%	926	900	2.9%	1,178
Corrugated packaging European production, million m^2	300	273	9.8%	304	-1.5%	888	836	6.2%	1,094

[1] The IAC for Q3/24 included EUR -1 million restructuring costs and asset impairments.
LTM = Last 12 months
The comparative figures for corrugated packaging European deliveries have been adjusted.

Market development during Q3/2024

Product	Market	Demand Q3/24 compared with Q3/23	Demand Q3/24 compared with Q2/24	Price Q3/24 compared with Q3/23	Price Q3/24 compared with Q2/24
Corrugated packaging	Europe	Slightly stronger	Slightly stronger	Slightly lower	Slightly higher

Source: Fastmarket RISI

Biomaterials

- Higher sales prices year-on-year yet sequentially pulp prices decreased across all pulp grades and markets.
- New market capacity ramp-ups affected supply demand balance
- Weakened overall pulp demand mainly due to seasonality
- Global inventories increased to above the 5-year average

Adjusted ROOC (LTM)

8.0%

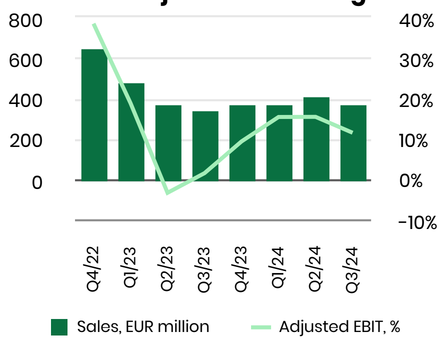
(Target: >15%)

Planned maintenance shutdowns

	2023	2024
Q1	Veracel	–
Q2	Montes del Plata, Skutskär	Montes del Plata, Skutskär
Q3	–	Enocell, Veracel
Q4	Enocell	–

- Sales increased by 10%, or EUR 36 million to EUR 380 million. Sales prices were higher, while deliveries were lower due to slower demand, and planned annual maintenance shutdown.
- Adjusted EBIT increased by EUR 39 million to EUR 43 million, primarily driven by higher sales prices compared to Q3/2023.
- Adjusted ROOC (LTM) was 8.0%, below the long-term target of >15%.

Sales and adjusted EBIT margin



EUR million	Q3/24	Q3/23	Change % Q3/24–Q3/23	Q2/24	Change % Q3/24–Q2/24	Q1-Q3/24	Q1-Q3/23	Change % Q1-Q3/24–Q1-Q3/23	2023
Sales	380	345	10.4%	413	-7.9%	1,168	1,212	-3.6%	1,587
Adjusted EBITDA	74	38	93.7%	99	-24.6%	263	186	41.3%	256
Adjusted EBITDA margin	19.6%	11.1%		23.9%		22.5%	15.3%		16.1%
Adjusted EBIT	43	5	n/m	63	-31.5%	164	83	97.0%	118
Adjusted EBIT margin	11.4%	1.4%		15.3%		14.1%	6.9%		7.4%
Fair valuations and non-operational items[1]	5	-3	291.7%	3	59.5%	10	1	n/m	25
Items affecting comparability (IAC)[1]	-2	-17	87.5%	-1	-139.9%	-4	-119	96.8%	-224
Operating result (IFRS)	46	-15	n/m	66	-29.3%	170	-34	n/m	-81
Adjusted EBIT, LTM	199	333	-40.2%	160	24.0%	199	333	-40.2%	118
Operating capital, LTM average	2,493	2,716	-8.2%	2,528	-1.4%	2,493	2,716	-8.2%	2,625
Adjusted ROOC, LTM	8.0%	12.2%		6.3%		8.0%	12.2%		4.5%
Cash flow from operations[2]	101	73	38.1%	139	-27.4%	369	361	2.4%	431
Cash flow after investing activities[2]	56	25	120.7%	98	-42.9%	241	208	16.3%	234
Pulp deliveries, 1,000 tonnes	521	580	-10.1%	537	-2.9%	1,594	1,710	-6.8%	2,277

[1] The IAC for Q3/24 included EUR -2 million environmental provision increase. The IAC for Q3/23 included EUR -16 million of costs related to the closure of the Sunila mill and other restructuring costs of EUR -2 million. The fair valuations for Q3/24 included non-operational fair valuation changes of biological assets of EUR 5 (-3) million.
[2] Q2/24 restated, see chapter Restatements for more details.
LTM = Last 12 months

Market development during Q3/2024

Product	Market	Demand Q3/24 compared with Q3/23	Demand Q3/24 compared with Q2/24	Price Q3/24 compared with Q3/23	Price Q3/24 compared with Q2/24
Softwood pulp	Europe	Slightly stronger	Slightly weaker	Significantly higher	Slightly higher
Hardwood pulp	Europe	Significantly stronger	Slightly weaker	Significantly higher	Lower
Hardwood pulp	China	Significantly weaker	Slightly stronger	Significantly higher	Significantly lower

Source: PPPC, Fastmarket FOEX, Fastmarket RISI, Stora Enso

Wood Products

- Stronger demand year-on-year, but continued weak markets and low construction activity
- Higher sales prices and volumes for sawn wood

- Improvement actions taken to mitigate increases in raw material costs
- Low building activity continued to suppress demand for Cross Laminated Timber (CLT) and Laminated Veneer Lumber (LVL)

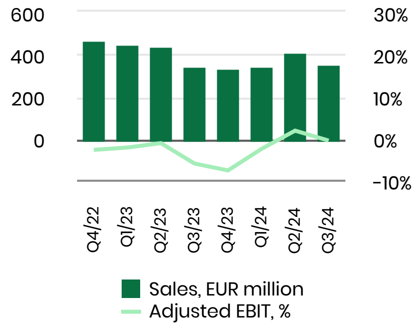
Photo: WO2 ©Patrick Raffin

Adjusted ROOC (LTM)	Sales YoY	Adjusted EBIT margin
-5.0% (Target: >20%)	**+3%**	**-0.7%** (Q3/2023: -6.1%)

- Sales increased by 3%, or EUR 9 million, to EUR 359 million, primarily due to higher sales prices and volumes for sawn wood.
- Adjusted EBIT increased by EUR 19 million to EUR -2 million, driven by higher volumes and prices, and a EUR 10 million insurance claim compensation offsetting increased raw material costs.

- Continued cost mitigation actions contributed to the improvement of results.
- Adjusted ROOC (LTM) was below the long-term target of >20% at -5.0% (-7.2%).

Sales and adjusted EBIT margin



EUR million	Q3/24	Q3/23	Change % Q3/24–Q3/23	Q2/24	Change % Q3/24–Q2/24	Q1–Q3/24	Q1–Q3/23	Change % Q1–Q3/24–Q1–Q3/23	2023
Sales	359	349	2.7%	414	-13.4%	1,122	1,239	-9.4%	1,580
Adjusted EBITDA	8	-10	182.5%	17	-54.4%	27	-1	n/m	-17
Adjusted EBITDA margin	2.2%	-2.8%		4.2%		2.4%	-0.1%		-1.0%
Adjusted EBIT	-2	-21	88.7%	7	-134.7%	-5	-38	87.6%	-64
Adjusted EBIT margin	-0.7%	-6.1%		1.7%		-0.4%	-3.0%		-4.1%
Items affecting comparability (IAC)[1]	0	-1	83.8%	0	-193.6%	0	-9	96.8%	-22
Operating result (IFRS)	-3	-22	88.6%	7	-135.5%	-5	-47	89.4%	-86
Adjusted EBIT, LTM	-31	-51	39.1%	-50	37.9%	-31	-51	39.1%	-64
Operating capital, LTM average	630	713	-11.7%	654	-3.8%	630	713	-11.7%	687
Adjusted ROOC, LTM	-5.0%	-7.2%		-7.7%		-5.0%	-7.2%		-9.3%
Cash flow from operations[2]	46	38	21.0%	32	41.8%	48	28	71.6%	43
Cash flow after investing activities[2]	32	31	5.2%	26	26.6%	11	4	168.4%	3
Wood products deliveries, 1,000 m^3	876	822	6.5%	1,029	-14.9%	2,753	2,812	-2.1%	3,727

[1] The IAC for Q3/23 included EUR -1 million restructuring costs.
[2] Q2/24 restated, see chapter Restatements for more details.

LTM = Last 12 months

Market development during Q3/2024

Product	Market	Demand Q3/24 compared with Q3/23	Demand Q3/24 compared with Q2/24	Price Q3/24 compared with Q3/23	Price Q3/24 compared with Q2/24
Wood products	Europe	Significantly stronger	Significantly weaker	Higher	Stable
Wood products	Overseas	Weaker	Significantly weaker	Slightly higher	Stable

Source: Stora Enso

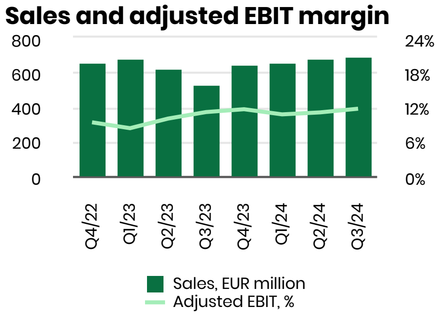
Forest

- Record high third quarter result driven by increased wood prices, strong demand, and good operational performance in all areas
- Continued high demand for all wood assortments in the Nordics, with prices increasing both year-on-year and quarter-on-quarter
- The forest valuation remained stable at EUR 8.8 billion, equivalent to EUR 11.11 per share

Adjusted ROCE (LTM)	Sales YoY	Total value of forest assets
5.1% (Target: >3.5%)	**+30%**	**EUR 8.8 billion** (Q3/2023: EUR 8.3 billion)

- Sales increased by 30%, or EUR 161 million, to EUR 695 million, mainly due to higher volumes and wood prices.
- A record high third quarter adjusted EBIT increased by EUR 22 million to EUR 81 million reflecting strong operational performance in the Group's forest assets and wood supply.
- Adjusted ROCE (LTM), at 5.1% (4.3%), was above the 3.5% long-term target.

Sales and adjusted EBIT margin



EUR million	Q3/24	Q3/23	Change % Q3/24–Q3/23	Q2/24	Change % Q3/24–Q2/24	Q1-Q3/24	Q1-Q3/23	Change % Q1-Q3/24–Q1-Q3/23	2023
Sales[1]	695	534	30.2%	690	0.7%	2,043	1,841	11.0%	2,490
Adjusted EBITDA	96	72	34.0%	94	2.4%	270	215	25.9%	305
Adjusted EBITDA margin	13.8%	13.4%		13.6%		13.2%	11.7%		12.2%
Adjusted EBIT	81	59	37.0%	76	6.5%	228	178	27.9%	253
Adjusted EBIT margin	11.7%	11.1%		11.0%		11.1%	9.7%		10.2%
Fair valuations and non-operational items[2]	-9	-5	-83.4%	-29	68.6%	-45	-14	-212.1%	206
Items affecting comparability (IAC)[2]	-3	3	-204.4%	2	-254.0%	-3	-2	-57.7%	2
Operating result (IFRS)[3]	69	57	20.7%	49	41.7%	180	162	11.3%	461
Adjusted EBIT, LTM	303	240	26.3%	281	7.8%	303	240	26.3%	253
Capital employed, LTM average	5,925	5,620	5.4%	5,834	1.6%	5,925	5,620	5.4%	5,740
Adjusted ROCE, LTM	5.1%	4.3%		4.8%		5.1%	4.3%		4.4%
Cash flow from operations[4]	30	-12	n/m	116	-73.7%	164	16	n/m	70
Cash flow after investing activities[4]	18	-24	173.9%	100	-82.1%	126	-20	n/m	19
Wood deliveries, 1,000 m³	8,104	7,069	14.6%	8,587	-5.6%	24,960	24,552	1.7%	32,401
Operational fair value change of biological assets	27	27	-1.1%	29	-6.4%	91	86	5.3%	120

[1] In Q3/24, internal wood sales to Stora Enso divisions represented 62% of net sales, external sales to other forest companies represented 38%.
[2] The IAC for Q3/24 included EUR -3 million mainly related to environmental provision costs. The IAC for Q3/23 included reversal of restructuring costs of EUR 3 million. The fair valuations for Q3/24 included non-operational items of associated companies of EUR -9 (-5) million. The fair valuations for Q3/24 additionally included a EUR -1 million impact from adjustments for differences between the fair value and acquisition cost of forest assets upon disposal.
[3] Includes the full fair value change of the Nordic biological assets (standing trees)
[4] Q2/24 restated, see chapter Restatements for more details. LTM = Last 12 months

Market development during Q3/2024

Product	Market	Demand Q3/24 compared with Q3/23	Demand Q3/24 compared with Q2/24	Price Q3/24 compared with Q3/23	Price Q3/24 compared with Q2/24
Pulp wood, Finland	Europe	Significantly stronger	Slightly stronger	Significantly higher	Higher
Sawlogs, Finland	Europe	Significantly stronger	Stable	Higher	Slightly higher
Pulpwood, Sweden	Europe	Significantly stronger	Significantly stronger	Significantly higher	Higher
Sawlogs, Sweden	Europe	Significantly weaker	Significantly weaker	Significantly higher	Significantly higher

Source: Stora Enso

Segment Other

The segment Other includes the reporting of the emerging businesses as well as Stora Enso's shareholding in the energy company Pohjolan Voima (PVO), and the Group's shared services and administration.

EUR million	Q3/24	Q3/23	Change % Q3/24–Q3/23	Q2/24	Change % Q3/24–Q2/24	Q1–Q3/24	Q1–Q3/23	Change % Q1–Q3/24–Q1–Q3/23	2023
Sales	37	179	-79.2%	36	4.2%	129	756	-82.9%	964
Adjusted EBITDA	-14	-11	-29.3%	-30	52.3%	-53	16	n/m	18
Adjusted EBITDA margin	-38.1%	-6.1%		-83.2%		-40.8%	2.1%		1.9%
Adjusted EBIT	-16	-15	-8.1%	-32	48.3%	-60	2	n/m	1
Adjusted EBIT margin	-44.3%	-8.5%		-89.2%		-46.0%	0.3%		0.1%
Fair valuations and non-operational items[1]	5	12	-56.7%	11	-53.3%	33	15	123.0%	-13
Items affecting comparability (IAC)[1]	-20	-6	-201.4%	-17	-15.5%	-46	-12	-292.0%	-28
Operating result (IFRS)	-31	-10	-219.9%	-38	18.0%	-72	5	n/m	-41
Cash flow from operations[2]	-60	-47	-26.3%	-51	-16.9%	-126	-86	-46.8%	-105
Cash flow after investing activities[2]	-61	-35	-74.1%	-53	-15.2%	-131	-83	-58.4%	-123

[1] The IAC for Q3/24 included EUR -14 of consulting costs related to profit improvement programme, EUR -1 million other restructuring costs, EUR -7 million related to closure of De Hoop and EUR 2 million reversal of provisions related to closure of Sunila. The IAC in Q3/23 included EUR -14 million related to disposal of biocomposite business, EUR 4 million related to restructuring of Kvarnsveden, EUR 1 million to restructuring of Veitsiluoto, EUR 1 million related to disposal of Hylte site, EUR -1 million related to disposal of Nymölla site, EUR 3 million related to disposal of Maxau site and EUR -1 million other restructuring costs. The fair valuations for Q3/24 included non-cash income and expenses related to CO_2 emission rights and liabilities of EUR 5 (12) million.
[2] Q2/24 restated, see chapter Restatements for more details.

- Sales decreased by EUR 142 million to EUR 37 million. The main impacts were largely attributable to lower internal invoicing from the new decentralised operating model, and lower energy sales due to lower market prices.
- Adjusted EBIT decreased by EUR 1 million to EUR -16 million, mainly due to lower margins for electricity sales and legacy costs related to closed production sites.
- The divisions are charged for electricity at market prices. Through its 16.1% shareholding in the Finnish energy company Pohjolan Voima (PVO), Stora Enso is entitled to receive, at cost, 8.9% of the electricity produced by the Olkiluoto nuclear reactors, and 20.6% of the electricity from the hydropower plants.

Capital structure Q3/2024 (compared with Q2/2024)

EUR million	30 Sep 2024	30 Jun 2024	31 Dec 2023	30 Sep 2023
Fixed assets[1]	14,326	14,257	14,206	14,014
Associated companies	936	922	926	865
Operating working capital, net[2]	492	414	488	752
Non-current interest-free items, net	-243	-231	-252	-184
Operating capital total[3]	**15,510**	**15,362**	**15,368**	**15,447**
Net tax liabilities	-1,262	-1,246	-1,312	-1,321
Capital employed[3]	**14,249**	**14,115**	**14,056**	**14,126**
Equity attributable to owners of the Parent[3]	10,826	10,722	10,985	11,067
Non-controlling interests[3]	-106	-103	-97	-61
Net debt	3,528	3,497	3,167	3,120
Financing total[3]	**14,249**	**14,115**	**14,056**	**14,126**

[1] Fixed assets include goodwill, other intangible assets, property, plant and equipment, right-of-use assets, forest assets, emission rights, and unlisted securities.
[2] Operating working capital, net includes inventories, trade receivables, trade payables and all other short-term operating receivables, payables, accruals, and provisions.
[3] 30 Jun 2024 restated, see chapter Restatements for more details..

Net debt increased by EUR 31 million to EUR 3,528 (3,497) million during the third quarter. The ratio of net debt to the last 12 months' adjusted EBITDA was at 3.1 (3.5). The net debt/equity ratio on 30 September 2024 remained stable at 0.33 (0.33). The average interest expense rate on borrowings at the reporting date was 4.1% (4.1%). Cash and cash equivalents net of overdrafts decreased by EUR 75 million to EUR 1,978 million.

Stora Enso had in total EUR 800 million committed undrawn credit facilities as per 30 September 2024. Additionally, the Company has access to EUR 1,100 million statutory pension premium loans in Finland.

In July, Stora Enso secured a EUR 435 million long-term loan from the European Investment Bank to fund its EUR 1 billion investment in the Oulu mill, Finland. Loan repayment extends until 2036, and it is currently undrawn.

Operating working capital, i.e. Inventories, trade receivables and trade payables, decreased by EUR 368 million year-on-year. Other operating working capital increased by EUR 108 million year-on-year.

Valuation of forest assets
The value of total forest assets, including leased land and Stora Enso's share of Tornator's forest assets, increased sequentially, from Q2/2024 to Q3/2024, by EUR 35 million to EUR 8,758 (8,723) million. The increase was mainly due to the impact of foreign exchange rates. Year-on-year, the fair value of total forest assets increased by EUR 502 million to EUR 8,758 (8,256) million.

Year-on-year, the fair value of biological assets, including Stora Enso's share of Tornator, increased by EUR 514 million to EUR 6,158 (5,644) million. The value of forest land, including leased land and Stora Enso's share of Tornator, decreased by EUR 12 million to EUR 2,600 (2,611) million.

Credit ratings

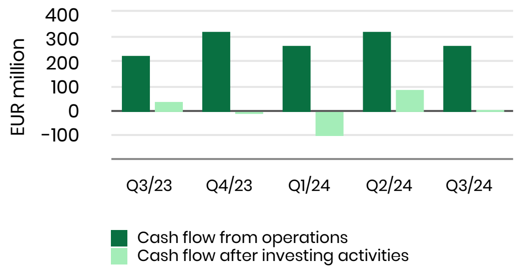
Rating agency	Long/short-term rating	Valid from
Fitch Ratings	BBB- (stable)	4 August 2023
Moody's	Baa3 (stable) / P-3	17 November 2023

Cash flow Q3/2024 (compared with Q2/2024)

Cash flow (non-IFRS)

EUR million	Q3/24	Q3/23	Change % Q3/24–Q3/23	Q2/24	Change % Q3/24–Q2/24	Q1–Q3/24	Q1–Q3/23	Change % Q1–Q3/24–Q1–Q3/23	2023
Adjusted EBITDA	328	180	82.3 %	312	5.1 %	938	777	20.7 %	989
IAC on adjusted EBITDA	-35	-11	-214.5 %	-38	8.0 %	-93	-120	22.7 %	-126
Other adjustments	-50	-37	-34.8 %	-43	-14.7 %	-113	-118	4.6 %	-210
Change in working capital	28	99	-72.2 %	92	-70.2 %	130	92	41.2 %	300
Cash flow from operations	**271**	**231**	**17.3%**	**323**	**-16.2%**	**863**	**631**	**36.7%**	**954**
Cash spent on fixed and biological assets	-267	-193	-38.0 %	-237	-12.6 %	-877	-661	-32.7 %	-989
Acquisitions of associated companies	0	0	n/m	0	-170.8 %	0	-2	84.1 %	-5
Cash flow after investing activities	**4**	**38**	**-90.1%**	**86**	**-95.7%**	**-15**	**-31**	**53.0%**	**-40**

Cash flow after investing activities was EUR 4 (86) million. Working capital decreased by EUR 28 million, mainly due to lower trade receivables and higher trade payables. Cash spent on fixed and biological assets was EUR 267 million. Payments related to the previously announced provisions amounted to EUR 19 million. Cash flow from operations at EUR 271 (323) million was strong due to increased adjusted EBITDA and due to working capital reduction.



Capital expenditure Q3/2024 (compared with Q3/2023)

Additions to fixed and biological assets totalled EUR 229 (242) million, of which EUR 210 (227) million were fixed assets and EUR 19 (15) million biological assets.

Depreciations and impairment charges excluding IACs totalled EUR 125 (130) million. Additions in fixed and biological assets had a cash outflow impact of EUR 267 (193) million.

Capital expenditure by division

EUR million	Q3/24	Q1-Q3/24		Investment to be finalised
Packaging Materials	152	519	Oulu consumer board investment in Finland	2025
Packaging Solutions	11	29		
Biomaterials	46	121	Skutskär fluff pulp, winder and roll handling Enocell unbleached kraft pulp (UKP)	2025 2024
Wood Products	9	29		
Forest	4	17		
Other	7	26		
Total	**229**	**741**		

Capital expenditure and depreciation forecast 2024

EUR million	Forecast 2024
Capital expenditure	1,030–1,130
Depreciation and depletion of capitalised silviculture costs	610–660

Stora Enso's capital expenditure forecast includes approximately EUR 80 million for the Group's forest assets.

The depletion of capitalised silviculture costs is forecast to be EUR 75–85 million.

Key sustainability targets and performance

Stora Enso contributes to the circular bioeconomy transition in the three areas in which it has the biggest impact and opportunities: climate change, circularity, and biodiversity. The foundation for these is the conduct of everyday business in a responsible manner.

- Stora Enso is renewing the energy set-up and process equipment at the Heinola fluting site to replace the remaining fossil-based fuels with renewable bioenergy. This will reduce the site's greenhouse gas emissions by over 90%, contributing to the Group's climate target. The construction work is expected to be completed in the latter half of 2025.
- An environmental incident occurred in Hukkajoki, Finland, when a sub-contractor's forestry machinery crossed a river inhabited by endangered freshwater pearl mussel. Stora Enso takes responsibility for the incident, which took place despite the presence of strict guidelines. Following an internal investigation, a range of corrective measures are being implemented.

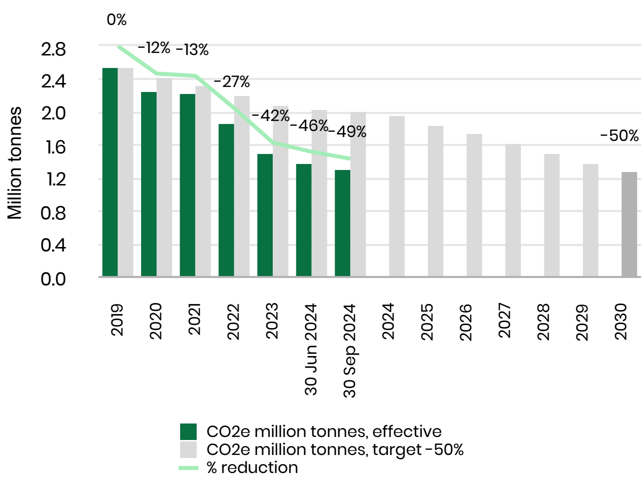
Climate change

Stora Enso's science-based target for 2030 is to reduce absolute Scope 1 and 2 greenhouse gas (CO_2e) emissions by 50% from the 2019 baseline, in line with the 1.5-degree scenario. Furthermore, the Group is committed to reducing Scope 3 emissions by 50% from the 2019 baseline by 2030.

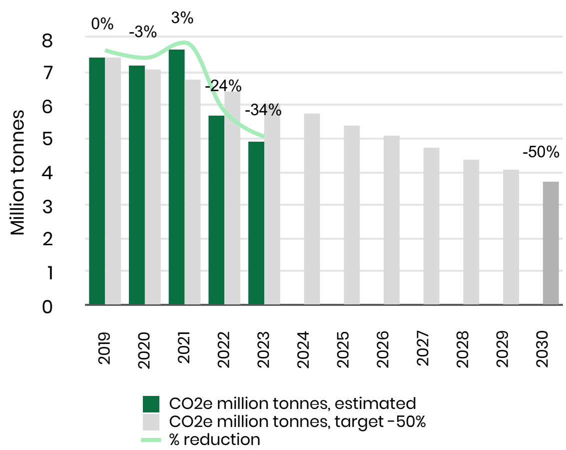
By the end of the Q3/2024, the Scope 1 and 2 CO_2e emissions were 1.32 million tonnes or 49% less than in the base year. Compared with Q3/2023, the decrease is mainly attributed to both active measures to reduce emissions, and site and production line closures. The Group continues to further lower emissions by improving energy efficiency, replacing fossil fuels with renewables, and increasing the share of non-fossil electricity.

In 2023, Stora Enso's estimated Scope 3 CO_2e emissions were 4.95 million tonnes or 34% less than in the base year. The decrease in emissions was mainly a result of site and production line closures. Stora Enso continues to further improve its Scope 3 performance by enhancing efficiency and lowering carbon intensity in the value chain together with raw material suppliers, logistics suppliers, and customers.

Direct and indirect CO_2e emissions (Scope 1+2, rolling four quarters)[1, 2]



CO_2e emissions along the value chain (Scope 3)[1]

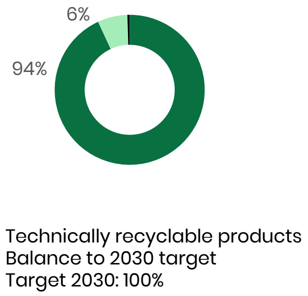


[1] Calculated as rolling four quarters. For more on definitions, see Calculation of key sustainability figures. [2] Comparative figures are recalculated due to additional data after previous interim reports.

Circularity

Stora Enso's target is to reach 100% recyclable products by 2030. By the end of 2023, 94% (2022: 94%) of the Group's products were technically recyclable. Stora Enso aims to ensure the recyclability of products through an increased focus on circularity in innovation processes and collaborates actively with customers and partners to set up infrastructure to improve the actual recycling of products.

Share of technically recyclable products[1, 2]



[1] As of 31 December 2023
[2] For definitions, see *Calculation of key sustainability figures*.

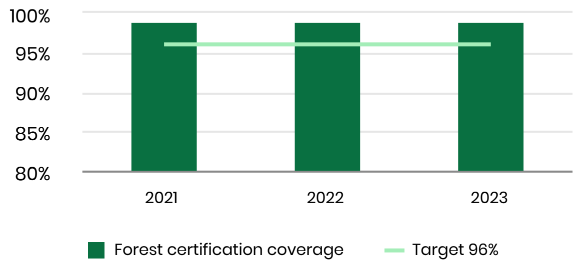
Biodiversity

After the environmental incident in Finland, Stora Enso has, and continues to, introduce robust measures to prevent similar events. Stora Enso remains fully committed to the long-term target to achieve a net positive impact on biodiversity in its own forests and plantations by 2050 through active biodiversity management.

The Group steers its biodiversity actions through a Biodiversity Leadership Programme to improve biodiversity at species, habitat and landscape levels. Progress is monitored with science-based impact indicators reported on the Group's website.

Biodiversity is an integral part of forest certifications including protection of valuable ecosystems. Stora Enso's target is to maintain a forest certification coverage level of at least 96% for the Group's own and leased forest lands. The forest certification coverage has remained stable and amounted to 99% in 2023 (2022: 99%).

Biodiversity: forest certification coverage[1]



[1] For definitions, see *Calculation of key sustainability figures*.

Responsible business practices

Stora Enso reports on the sustainability indicators below on a quarterly basis. For full annual overview of Stora Enso's sustainability targets and 2023 performance, see storaenso.com.

Key performance indicators (KPIs)	30 Sep 2024	30 Jun 2024	31 Dec 2023	30 Sep 2023	Target
Occupational safety: TRI rate, year-to-date	5.0	5.1	4.7	4.8	4.6 by the end of 2024
Gender balance: % of female managers among all managers	25%	24%	24%	25%	25% by the end of 2024
Water: total water withdrawal per saleable tonne (m^3/tonne)[1]	62	61	61	60	Decreasing trend from 2016 baseline (60m^3/tonne)
Water: process water discharges per saleable tonne, (m^3/tonne)[1,2]	34	34	35	35	17% reduction by 2030 from 2019 baseline (36m^3/tonne)
Sustainable sourcing: % of supplier spend covered by the Supplier Code of Conduct (SCoC)[2]	96%	96%	95%	96%	95% or above

[1] Comparative figures restated due to structural changes. [2] Excluding Business Unit Western Europe in Packaging Solutions. For definitions, see *Calculation of key sustainability figures*.

At the end of Q3/2024, the Group's TRI rate was 5.0. Additionally, Stora Enso tracks proactive safety reporting using a leading indicator known as the 'Safety Engagement Rate' to continuously enhance safety culture and performance.

Stora Enso promotes a diverse and inclusive working environment throughout the organisation to enhance performance, collaboration, and innovation. At the end of Q3/2024, the share of female managers was 25%, in line with the target set for the end of 2024. Similarly, the share of female representation among all employees was 25%, and 30% within the Group Leadership Team.

Water performance per saleable tonne, measured over rolling four quarters, has been impacted by lower production volumes as a steady water flow needs to be maintained at the water treatment plants. While water is relatively abundant at the Group's production sites, water stress may still impact operations locally and through wider supply chains. Approximately 96% of water is recycled back into the environment while only 4% is consumed in production.

Stora Enso continuously works to maintain a high coverage rate for the Supplier Code of Conduct, outlining common requirements for all suppliers. During the third quarter, the coverage rate remained on target level.

ESG ratings and recognitions

ESG rating	Stora Enso score / best possible score	Rating compared to peers
CDP	Climate A-/A Forest A/A Water A-/A	Among the highest ranked in the industry
FTSE Russell	4.4/5	Among the highest ranked in the industry
ISS Corporate Rating	B/A+	Among the highest ranked in the industry
ISS QualityScore	Governance 7/1* Social 1/1* Environment 2/1*	Above the industry average
MSCI	AAA/AAA	Among the highest ranked in the industry
Sustainalytics	13.8/0**	Among the highest ranked in the industry
VigeoEiris	71/100	Among the highest ranked in the industry

*1 to 10 (1 indicating the best possible score) **0 to 100 (0 indicating the lowest risk)

Short-term risks

Risk is characterised by both threats and opportunities, which may affect future performance and the financial results of Stora Enso, reputation, as well as its ability to meet certain social and environmental objectives.

The geopolitical unrest could have an adverse impact on the Group. Retaliatory measures, conflict-related risks to people, operations, trade credit, cyber security, supply, and demand, could also affect the Group negatively.

The risk of a prolonged global economic downturn and recession, continued high inflation, as well as sudden interest rate changes, currency fluctuations, trade union and political strike actions, and logistical chain disruptions could all adversely affect the Group's profits, cash flow and financial position, as well as access to material, flow of goods and transport.

Macroeconomic and geopolitical disruption may increase costs, add complexity, and lower short-term visibility, which could further impact market demand, prices, profit margins, and volumes of the Group's products. New capacity and volume entering the market might distort demand, volumes, inventories and pricing. Moreover, forced capacity cuts might further impact on profitability.

There is a risk of continued price volatility for raw materials such as wood, chemicals, other components and energy in Europe. The continued tight wood market, especially in the Nordics, could cause increased costs, limit harvesting and cause disruptions such as delays and/or lack of wood supply to the Group's production sites. Regulatory or similar initiatives might challenge the Group's strategy, growth and operations.

Other risks and uncertainties include, but are not limited to; general industry conditions, unanticipated expenditures related to the cost of compliance with existing and new environmental and other governmental regulations, and related to actual or potential litigation; material process disruption at Stora Enso's manufacturing facilities with operational or environmental impacts; risks inherent in conducting business through joint ventures; and other factors.

Stora Enso has been granted various investment subsidies and compensations, and has given certain investment commitments in several countries e.g., Finland, China and Sweden. If commitments to planning conditions are not met, local officials may pursue administrative measures to reclaim some of the formerly granted investment subsidies or to impose penalties on Stora Enso, the outcome of such a process could result in adverse financial impact on Stora Enso.

A more detailed risk description is included in Stora Enso's Annual Report 2023, available at storaenso.com/annualreport.

Sensitivity analysis

Energy sensitivity analysis: the direct effect of a 10% change in electricity and fossil fuel market prices would have an impact of approximately EUR 6 million on adjusted EBIT for the next 12 months.

Wood sensitivity analysis: the direct effect of a 10% change in wood prices would have an impact of approximately EUR 233 million on adjusted EBIT for the next 12 months.

Pulp sensitivity analysis: the direct effect of a 10% change in pulp market prices would have an impact of approximately EUR 125 million on adjusted EBIT for the next 12 months.

Chemical and filler sensitivity analysis: the direct effect of a 10% change in chemical and filler prices would have an impact of approximately EUR 44 million on adjusted EBIT for the next 12 months.

Foreign exchange rates transaction risk sensitivity analysis for the next twelve months: the direct effect on adjusted EBIT of a 10% strengthening in the value of the US dollar, Swedish krona and British pound would be approximately positive EUR 88 million, negative EUR 8 million and positive EUR 12 million annual impact, respectively. Weakening of the currencies would have the opposite impact. These numbers are net of hedges and assuming no changes occur other than a single currency exchange rate movement in an exposure currency.

The Group's consolidated income statement on adjusted EBIT level is exposed to a foreign-currency translation risk worth approximately EUR 179 million expense exposure in Brazilian real (BRL) and approximately EUR 67 million income exposure in Chinese Renminbi (CNY). These exposures arise from the foreign subsidiaries and joint operations located in Brazil and China, respectively. For these exposures a 10% strengthening in the value of a foreign currency would have a negative EUR 18 million and a positive EUR 7 million impact on adjusted EBIT, respectively.

Legal proceedings

Contingent liabilities

Stora Enso has undertaken significant restructuring actions in recent years which have included the divestment of companies, sale of assets and mill closures. These transactions include a risk of possible environmental or other obligations the existence of which would be confirmed only by the occurrence or non-occurrence of one or more uncertain future events not wholly within the control of the Group. A provision has been recognised for obligations for which the related amount can be estimated reliably and for which the related future cost is considered to be at least probable.

Stora Enso is party to legal proceedings that arise in the ordinary course of business and which primarily involve claims arising out of commercial law. The management does not consider that liabilities related to such proceedings before insurance recoveries, if any, are likely to be material to the Group's financial condition or results of operations.

Veracel

On 11 July 2008, Stora Enso announced that a federal judge in Brazil had issued a decision claiming that the permits issued by the State of Bahia for the operations of Stora Enso's joint operations company Veracel were not valid. The judge also ordered Veracel to take certain actions, including reforestation with native trees on part of Veracel's plantations and a possible fine of, at the time of the decision, BRL 20 (EUR 4) million. Veracel disputes the decision and has filed an appeal against it. Veracel operates in full compliance with all Brazilian laws and has obtained all the necessary environmental and operating licences for its industrial and forestry activities from the relevant authorities. In November 2008, a Federal Court suspended the effects of the decision. No provisions have been recorded in Veracel's or Stora Enso's accounts for the reforestation or the possible fine.

Changes in Group management

Pasi Kyckling was appointed acting CFO as of 1 November 2024 until Niclas Rosenlew starts in his position as the new CFO, at the latest in January 2025.

Shareholders' Nomination Board

Stora Enso's Shareholders' Nomination Board was established in September. The Shareholders' Nomination Board consists of the following members: Kari Jordan (Chair of Stora Enso's Board of Directors), Håkan Buskhe (Vice Chair of Stora Enso's Board of Directors), Jouko Karvinen (Solidium Oy), and Marcus Wallenberg (FAM AB).

The Shareholders' Nomination Board elected Marcus Wallenberg as its Chair.

Resolutions by the Annual General Meeting

Stora Enso Oyj's Annual General Meeting was held on 20 March 2024 in Helsinki, Finland. The AGM adopted the accounts for 2023, adopted the remuneration report for 2023 through an advisory resolution and granted the Company's Board of Directors and Chief Executive Officer discharge from liability for the period.

The AGM resolved, in accordance with the proposal by the Board of Directors, that the Company shall distribute a dividend of EUR 0.10 per share for the year 2023. The dividend was paid on 4 April 2024. In addition, the AGM resolved that the Board of Directors is authorised to decide at its discretion on the payment of an additional dividend up to a maximum of EUR 0.20 per share. The authorisation is valid until 31 December 2024.

The AGM resolved, in accordance with the proposal by the Shareholders' Nomination Board, that the Board of Directors shall have eight (8) members. The AGM further resolved to re-elect the current members of the Board of Directors – Håkan Buskhe, Elisabeth Fleuriot, Helena Hedblom, Astrid Hermann, Kari Jordan, Christiane Kuehne, and Richard Nilsson – as members of the Board of Directors until the end of the following AGM and to elect Reima Rytsölä as a new member of the Board of Directors for the same term of office. The AGM resolved to elect Kari Jordan as Chair of the Board of Directors and Håkan Buskhe as Vice Chair of the Board of Directors.

The AGM resolved, in accordance with the proposal by the Shareholders' Nomination Board, that the annual remuneration for the Board of Directors be paid as follows:

Chair	EUR 215,270 (2023: 209,000)
Vice Chair	EUR 121,540 (2023: 118,000)
Members	EUR 83,430 (2023: 81,000)

The AGM also resolved that the annual remuneration for the members of the Board of Directors be paid in Company shares and cash so that 40% is paid in Stora Enso R shares.

The AGM resolved the annual remuneration for the Board committees in accordance with the proposal by the Shareholders' Nomination Board.

The AGM resolved to elect PricewaterhouseCoopers Oy as auditor until the end of the Company's next AGM. PricewaterhouseCoopers Oy has notified the Company that Samuli Perälä, APA, will act as the principally responsible auditor.

PricewaterhouseCoopers Oy will also act as the sustainability reporting assurance provider of the Company until the end of the Company's next AGM.

Resolutions by the organising meeting of the Board of Directors

Richard Nilsson (Chair), Elisabeth Fleuriot and Astrid Hermann were elected members of the Financial and Audit Committee.

Kari Jordan (Chair), Håkan Buskhe and Reima Rytsölä were elected members of the People and Culture Committee.

Christiane Kuehne (Chair), Helena Hedblom and Richard Nilsson were elected members of the Sustainability and Ethics Committee.

More information about the AGM in 2024 is available in the release Stora Enso's Annual General Meeting and decisions by the Board of Directors.

This report has been prepared in English and Finnish. If there are any variations in the content between the versions, the English version shall govern. This report is unaudited.

Helsinki, 24 October 2024
Stora Enso Oyj
Board of Directors

Financials

Basis of Preparation

This unaudited interim financial report has been prepared in accordance with the accounting policies set out in International Accounting Standard 34 on Interim Financial Reporting and in the Group's Financial Report for 2023 with the exception of new and amended standards applied to the annual periods beginning on 1 January 2024 and changes in accounting principles described below.

All figures in this Interim Report have been rounded to the nearest million, unless otherwise stated. Therefore, percentages and figures in this report may not add up precisely to the totals presented and may vary from previously published financial information.

Acquisition of Group companies

In March 2024 Stora Enso's 50% owned joint operation MdP (Montes del Plata, Uruguay) completed transaction to acquire forest assets and related forestry business in Uruguay. Stora Enso's share of the transaction includes approximately 16.3 thousand hectares of land, of which about 9.8 thousand hectares are productive land. The acquired units are fully owned and reported in Biomaterials division.

The acquired forest land and operations are located in different regions in Uruguay. The acquired operations mainly include forestry plantations to supply wood for pulp production.

Stora Enso's share of the cash purchase consideration was EUR 72 million. The related transaction costs were not considered to be significant.

The fair values of the identifiable assets and liabilities as of the acquisition date consisted mainly of forest assets (Stora Enso's share EUR 72 million). The amount of other items were not significant.

The fair values of the acquired assets and liabilities as at acquisition date have been determined on a provisional basis pending finalisation of the post-combination review of the fair values. If new information obtained within one year of the date of acquisition about facts and circumstances that existed at the date of acquisition or any other adjustment items are identified, the above amounts are adjusted accordingly and the accounting for the acquisition will be adjusted. There were no measurement period adjustments in Q3 2024.

The acquisition is not considered to have significant impact on Stora Enso Group's sales or net profit.

Disposal of Group companies

In Q3/2024 Stora Enso completed a transaction for a unit in Packaging Materials division, specialised in paper for recycling trading. The transaction did not have significant impact to the Group. The following table reflects the net assets of the companies sold in 2024.

EUR million	Q1-Q3/24	Q1-Q3/23
Net assets sold		
Cash and cash equivalents	1	28
Property, plant and equipment	0	266
Intangible assets	0	60
Working capital	0	-6
Tax assets and liabilities	0	-27
Interest-bearing assets and liabilities	0	-92
Non-controlling interest	0	0
Net assets in disposed companies	**0**	**230**
Total disposal consideration	**1**	**264**

Assets held for sale

As announced in December 2022, Stora Enso initiated a sales process for divesting its Beihai packaging board production site and forestry operations in Guangxi, China.

Assets are classified as held for sale, if their carrying amounts will be recovered mainly through a sale transaction rather than through continuing use. The assets must be available for immediate sale in their present condition subject only to terms that are usual and customary for the sale of such assets. In addition, the sale must be highly probable and expected to be completed within one year after the date of classification.

These assets and related liabilities are presented separately in the consolidated statement of financial position and are measured at the lower of the carrying amount and fair value less costs to sell. Comparative information is not restated. Assets classified as held for sale are not depreciated.

The Beihai operations were classified as held for sale since Q4/2023 and based on latest evaluation the divestment is not seen as highly probable anymore. Stora Enso's view is that the value in own use of the assets exceeds the achievable transaction value, and has therefore chosen to retain these operations within the Group. Therefore, the held for sale classification was ceased at the end of Q3/2024. Comparative figures have been restated accordingly, including recognising depreciations for Q1 and Q2/2024 which were not recognised during the held for sale classification. See section Restatements below for more details.

Assets held for sale included mainly fixed assets, forest assets, inventories and operating receivables, whereas related liabilities consisted mainly of non-current and current interest bearing liabilities and operating liabilities.

The following new and amended standards are applied to the annual periods beginning on 1 January 2024

- Amended standards and interpretations did not have material effect on the Group.

Future standard changes endorsed by the EU but not yet effective in 2024

- No future standard changes endorsed by the EU which would have material effect on the Group.

Condensed consolidated income statement

EUR million	Q3/24	Q3/23	Q2/24	Q1-Q3/24	Q1-Q3/23	2023
Sales	2,261	2,127	2,301	6,727	7,222	9,396
Other operating income	55	62	66	235	297	378
Change in inventories of finished goods and WIP	50	-75	30	96	-126	-209
Materials and services	-1,511	-1,394	-1,491	-4,415	-4,703	-6,133
Freight and sales commissions	-212	-195	-219	-634	-685	-883
Personnel expenses	-286	-283	-328	-916	-956	-1,275
Other operating expenses	-116	-113	-131	-378	-534	-638
Share of results of associated companies	14	15	4	29	54	136
Change in net value of biological assets	11	1	-6	13	5	209
Depreciation, amortisation and impairment charges	-126	-145	-133	-385	-570	-1,303
Operating result	**139**	**-1**	**92**	**372**	**4**	**-322**
Net financial items	-41	-40	-49	-137	-121	-173
Result before tax	**98**	**-41**	**43**	**235**	**-117**	**-495**
Income tax	-14	7	-8	-40	11	64
Net result for the period	**84**	**-34**	**35**	**195**	**-106**	**-431**
Attributable to						
Owners of the Parent	88	-33	38	204	-70	-357
Non-controlling interests	-4	-1	-3	-9	-36	-74
Net result for the period	**84**	**-34**	**35**	**195**	**-106**	**-431**
Earnings per share						
Basic earnings per share, EUR	0.11	-0.04	0.05	0.26	-0.09	-0.45
Diluted earnings per share, EUR	0.11	-0.04	0.05	0.26	-0.09	-0.45

Q2/24 restated, see chapter Restatements for more details.

Consolidated statement of comprehensive income

EUR million	Q3/24	Q3/23	Q2/24	Q1-Q3/24	Q1-Q3/23	2023
Net result for the period	**84**	**-34**	**35**	**195**	**-106**	**-431**
Other comprehensive income (OCI)						
Items that will not be reclassified to profit and loss						
Equity instruments at fair value through OCI	63	-85	-150	-147	-816	-645
Actuarial gains and losses on defined benefit plans	-14	3	4	10	19	-52
Revaluation of forest land	0	0	6	6	18	-49
Share of OCI of associated companies	0	0	-5	-5	1	-23
Income tax relating to items that will not be reclassified	2	-2	-1	-3	-5	22
	51	**-84**	**-147**	**-139**	**-783**	**-748**
Items that may be reclassified subsequently to profit and loss						
Cumulative translation adjustment (CTA)	-54	115	60	-133	-79	56
Net investment hedges and loans	7	8	0	4	-17	-15
Cash flow hedges and cost of hedging	18	-8	6	-14	-43	-1
Share of OCI of Non-controlling Interests (NCI)	1	-2	-1	0	2	5
Income tax relating to items that may be reclassified	-6	2	-1	2	10	-1
	-34	**115**	**64**	**-141**	**-126**	**44**
Total comprehensive income	**102**	**-3**	**-48**	**-85**	**-1,015**	**-1,135**
Attributable to						
Owners of the parent	104	0	-44	-76	-982	-1,066
Non-controlling interests	-2	-3	-4	-9	-33	-69
Total comprehensive income	**102**	**-3**	**-48**	**-85**	**-1,015**	**-1,135**

CTA = Cumulative translation adjustment
OCI = Other comprehensive income

Q2/24 restated, see chapter Restatements for more details.

Condensed consolidated statement of financial position

EUR million		30 Sep 2024	31 Dec 2023	30 Sep 2023
Assets				
Goodwill	O	504	505	576
Other intangible assets	O	296	304	318
Property, plant and equipment	O	5,110	4,854	5,072
Right-of-use assets	O	499	521	536
		6,410	**6,183**	**6,502**
Forest assets	O	7,127	7,105	6,722
Biological assets	O	4,844	4,836	4,462
Forest land	O	2,283	2,269	2,260
Emission rights	O	129	108	150
Investments in associated companies	O	936	926	865
Listed securities	I	9	9	7
Unlisted securities	O	660	810	640
Non-current interest-bearing receivables	I	24	76	104
Deferred tax assets	T	141	134	106
Other non-current assets	O	52	59	79
Non-current assets		**15,487**	**15,411**	**15,175**
Inventories	O	1,696	1,545	1,652
Tax receivables	T	36	31	36
Operating receivables	O	1,048	1,239	1,258
Interest-bearing receivables	I	121	64	27
Cash and cash equivalents	I	1,999	2,464	2,077
Current assets		**4,900**	**5,343**	**5,051**
Assets held for sale		**0**	**0**	**0**
Total assets		**20,387**	**20,754**	**20,226**
Equity and liabilities				
Owners of the Parent		10,826	10,985	11,067
Non-controlling Interests		-106	-97	-61
Total equity		**10,720**	**10,889**	**11,007**
Post-employment benefit obligations	O	202	217	172
Provisions	O	83	83	81
Deferred tax liabilities	T	1,428	1,433	1,419
Non-current interest-bearing liabilities	I	4,090	4,775	4,182
Non-current operating liabilities	O	10	11	10
Non-current liabilities		**5,813**	**6,520**	**5,864**
Current portion of non-current debt	I	839	347	489
Interest-bearing liabilities	I	732	657	640
Bank overdrafts	I	21	0	24
Provisions	O	61	85	105
Operating liabilities	O	2,191	2,211	2,054
Tax liabilities	T	10	45	43
Current liabilities		**3,855**	**3,346**	**3,355**
Liabilities related to assets held for sale		**0**	**0**	**0**
Total liabilities		**9,667**	**9,865**	**9,219**
Total equity and liabilities		**20,387**	**20,754**	**20,226**

Items designated with “O” comprise Operating Capital
Items designated with “I” comprise Net debt
Items designated with “T” comprise Net Tax Liabilities
31 Dec 2023 restated, see chapter Restatements for more details.

Condensed consolidated statement of cash flows

EUR million	Q1-Q3/24	Q1-Q3/23
Cash flow from operating activities		
Operating result	372	4
Adjustments for non-cash items	360	535
Change in net working capital	130	92
Cash flow from operations	**863**	**631**
Net financial items paid	-115	-75
Income taxes paid, net	-70	-99
Net cash provided by operating activities	**678**	**456**
Cash flow from investing activities		
Acquisition of subsidiary shares and business operations, net of acquired cash	-70	-584
Acquisitions of associated companies	0	-2
Acquisitions of unlisted securities	0	-18
Cash flow on disposal of subsidiary shares and business operations, net of disposed cash	0	235
Cash flow on disposal of unlisted securities	3	0
Cash flow on disposal of forest and intangible assets and property, plant and equipment	16	42
Capital expenditure	-877	-661
Proceeds from/payment of non-current receivables, net	-16	3
Net cash used in investing activities	**-944**	**-984**
Cash flow from financing activities		
Proceeds from issue of new long-term debt	15	1,441
Repayment of long-term debt and lease liabilities	-229	-554
Change in short-term interest-bearing liabilities	83	240
Dividends paid	-79	-473
Purchase of own shares[1]	-3	-6
Net cash provided by financing activities	**-212**	**648**
Net change in cash and cash equivalents	**-477**	**121**
Translation adjustment	-9	15
Net cash and cash equivalents at the beginning of period	2,464	1,917
Net cash and cash equivalents at period end	**1,978**	**2,053**
Cash and cash equivalents at period end	**1,999**	**2,077**
Bank overdrafts at period end	**-21**	**-24**
Net cash and cash equivalents at period end	**1,978**	**2,053**

[1] Own shares purchased for the Group's share award programme. The Group did not hold any of its own shares on 30 September 2024.

Statement of changes in equity

					Fair value reserve								
EUR million	**Share capital**	**Share premium and reserve fund**	**Invested non-restricted equity fund**	**Treasury shares**	**Equity instruments through OCI**	**Cash flow hedges**	**Revaluation reserve**	**OCI of associated companies**	**CTA and net investment hedges and loans**	**Retained earnings**	**Attributable to owners of the parent**	**Non-controlling interests**	**Total**
Balance at 1 January 2023	**1,342**	**77**	**633**	**—**	**1,298**	**39**	**1,579**	**87**	**-415**	**7,893**	**12,532**	**-30**	**12,502**
Net result for the period	—	—	—	—	—	—	—	—	—	-70	-70	-36	-106
OCI before tax	—	—	—	—	-816	-43	18	1	-95	19	-916	2	-913
Income tax relating to OCI	—	—	—	—	—	8	-4	—	1	-2	4	—	4
Total comprehensive income	**—**	**—**	**—**	**—**	**-815**	**-34**	**14**	**1**	**-94**	**-53**	**-982**	**-33**	**-1,015**
Dividend	—	—	—	—	—	—	—	—	—	-473	-473	—	-473
Acquisitions and disposals	—	—	—	—	—	—	—	—	—	—	—	2	2
Purchase of treasury shares	—	—	—	-6	—	—	—	—	—	—	-6	—	-6
Share-based payments	—	—	—	6	—	—	—	—	—	-10	-4	—	-4
Balance at 30 September 2023	**1,342**	**77**	**633**	**—**	**482**	**5**	**1,593**	**88**	**-510**	**7,357**	**11,067**	**-61**	**11,007**
Net result for the period	—	—	—	—	—	—	—	—	—	-287	-287	-38	-325
OCI before tax	—	—	—	—	171	41	-67	-24	136	-72	186	2	188
Income tax relating to OCI	—	—	—	—	—	-9	14	—	-1	14	17	—	17
Total Comprehensive Income	**—**	**—**	**—**	**—**	**170**	**33**	**-53**	**-24**	**135**	**-344**	**-84**	**-36**	**-120**
Dividend	—	—	—	—	—	—	—	—	—	—	—	—	—
Acquisitions and disposals	—	—	—	—	—	—	—	—	—	—	—	—	—
Purchase of treasury shares	—	—	—	—	—	—	—	—	—	—	—	—	—
Share-based payments	—	—	—	—	—	—	—	—	—	2	2	—	2
Balance at 31 December 2023	**1,342**	**77**	**633**	**—**	**653**	**38**	**1,540**	**63**	**-375**	**7,015**	**10,985**	**-97**	**10,889**
Net result for the period	—	—	—	—	—	—	—	—	—	204	204	-9	195
OCI before tax	—	—	—	—	-147	-14	6	-5	-129	10	-279	—	-279
Income tax relating to OCI	—	—	—	—	0	3	-1	—	-1	-2	-2	—	-2
Total comprehensive income	**—**	**—**	**—**	**—**	**-146**	**-11**	**4**	**-5**	**-130**	**212**	**-76**	**-9**	**-85**
Dividend	—	—	—	—	—	—	—	—	—	-79	-79	—	-79
Acquisitions and disposals	—	—	—	—	—	—	—	—	—	—	—	—	—
Purchase of treasury shares	—	—	—	-3	—	—	—	—	—	—	-3	—	-3
Share-based payments	—	—	—	3	—	—	—	—	—	-5	-1	—	-1
Balance at 30 September 2024	**1,342**	**77**	**633**	**—**	**506**	**26**	**1,544**	**58**	**-505**	**7,144**	**10,826**	**-106**	**10,720**

CTA = Cumulative Translation Adjustment OCI = Other Comprehensive Income NCI = Non-controlling Interests

Goodwill, other intangible assets, property, plant and equipment, right-of-use assets and forest assets

EUR million	Q1-Q3/24	Q1-Q3/23	2023
Carrying value at 1 January	**13,289**	**12,489**	**12,489**
Additions in tangible and intangible assets	640	557	946
Additions in right-of-use assets	44	96	108
Additions in biological assets	57	50	71
Depletion of capitalised silviculture costs	-57	-61	-81
Acquisition of subsidiaries	71	858	859
Disposals and classification as held for sale[1]	-10	-16	-15
Depreciation and impairment	-385	-570	-1,303
Fair valuation of forest assets	75	84	241
Translation difference and other	-188	-262	-27
Statement of Financial Position Total	**13,537**	**13,224**	**13,289**

[1] Including company disposals. 2023 restated, see chapter Restatements for more details.

Borrowings

EUR million	30 Sep 2024	30 Sep 2023	31 Dec 2023
Bond loans	3,446	3,136	3,601
Loans from credit institutions	972	1,013	997
Lease liabilities	506	517	520
Long-term derivative financial liabilities	2	3	1
Other non-current liabilities	2	3	2
Non-current interest-bearing liabilities including current portion	**4,928**	**4,671**	**5,123**
Short-term borrowings	666	556	595
Interest payable	58	44	56
Short-term derivative financial liabilities	9	40	6
Bank overdrafts	21	24	0
Total Interest-bearing Liabilities[1]	**5,682**	**5,335**	**5,780**

EUR million	Q1-Q3/24	Q1-Q3/23	2023
Carrying value at 1 January	**5,780**	**3,972**	**3,972**
Additions in long-term debt, companies acquired	0	131	131
Proceeds of new long-term debt	15	1,441	2,006
Repayment of long-term debt	-168	-481	-619
Additions in lease liabilities, companies acquired	0	99	99
Additions in lease liabilities	44	97	109
Repayment of lease liabilities and interest	-67	-54	-87
Change in short-term borrowings	69	132	177
Change in interest payable	20	27	45
Change in derivative financial liabilities	3	-6	-41
Disposals and classification as held for sale	0	-8	-8
Other	20	27	26
Translation differences	-34	-42	-29
Total Interest-bearing Liabilities[1]	**5,682**	**5,335**	**5,780**

[1] 2023 restated, see chapter Restatements for more details.

Commitments and contingencies

EUR million	30 Sep 2024	31 Dec 2023	30 Sep 2023
On Own Behalf			
Guarantees	18	18	18
Other commitments	6	6	4
On Behalf of associated companies			
Guarantees	4	5	5
On Behalf of Others			
Guarantees	16	16	16
Other commitments	0	0	36
Total	**43**	**44**	**78**
Guarantees	38	38	38
Other commitments	6	6	40
Total	**43**	**44**	**78**

As previously disclosed, Stora Enso has been granted investment subsidies and has given certain investment commitments in China. There is a risk that the majority owned local Chinese company may be subject to a claim based on alleged costs resulting from certain uncompleted investment commitments. Given the specific mitigating circumstances surrounding the investment case as a whole, Stora Enso does not consider it to be probable that this situation would result in an outflow of economic benefits that would be material to the Group. The Company continues to monitor the situation as the divestment process proceeds.

Capital commitments

EUR million	30 Sep 2024	31 Dec 2023	30 Sep 2023
Total	**374**	**683**	**792**

The Group's direct capital expenditure contracts include the Group's share of direct capital expenditure contracts in joint operations.

Key exchange rates for the euro

One Euro is	Closing Rate		Average Rate (Year-to-date)	
	30 Sep 2024	31 Dec 2023	30 Sep 2024	31 Dec 2023
SEK	11.3000	11.0960	11.4088	11.4728
USD	1.1196	1.1050	1.0870	1.0816
GBP	0.8354	0.8691	0.8514	0.8699

Fair Values of Financial Instruments

The Group uses the following hierarchy for determining and disclosing the fair value of financial instruments by valuation technique:

- Level 1: quoted (unadjusted) prices in active markets for identical assets or liabilities;
- Level 2: other techniques, for which all inputs that have a significant effect on the recorded fair value are observable, either directly or indirectly;
- Level 3: techniques which use inputs that have a significant effect on the recorded fair values that are not based on observable market data.

The valuation techniques are described in more detail in the Group's Financial Report. The instruments carried at fair value in the following tables are measured at fair value on a recurring basis.

Carrying amounts of financial assets and liabilities by measurement and fair value categories: 30 September 2024

EUR million	Amortised cost	Fair value through OCI	Fair value through income statement	Total carrying amount	Fair value	Fair value hierarchy Level 1	Level 2	Level 3
Financial assets								
Listed securities	—	9	—	9	9	9	—	—
Unlisted securities	—	645	15	660	660	—	—	660
Non-current interest-bearing receivables	14	10	—	24	24	—	10	—
Derivative assets	—	10	—	10	10	—	10	—
Loan receivables	14	—	—	14	14	—	—	—
Trade and other operating receivables	601	96	—	697	697	—	96	—
Current interest-bearing receivables	88	32	1	121	121	—	33	—
Derivative assets	—	32	1	33	33	—	33	—
Other short-term receivables	88	—	—	88	88	—	—	—
Cash and cash equivalents	1,999	—	—	1,999	1,999	—	—	—
Total	**2,703**	**792**	**16**	**3,511**	**3,511**	**9**	**139**	**660**

EUR million	Amortised cost	Fair value through OCI	Fair value through income statement	Total carrying amount	Fair value	Fair value hierarchy Level 1	Level 2	Level 3
Financial liabilities								
Non-current interest-bearing liabilities	4,087	2	—	4,090	4,366	—	2	—
Derivative liabilities	—	2	—	2	2	—	2	—
Non-current debt	4,087	—	—	4,087	4,364	—	—	—
Current portion of non-current debt	839	—	—	839	839	—	—	—
Current interest-bearing liabilities	724	6	3	732	732	—	9	—
Derivative liabilities	—	6	3	9	9	—	9	—
Current debt	724	—	—	724	724	—	—	—
Trade and other operating payables	1,882	—	—	1,882	1,882	—	—	—
Bank overdrafts	21	—	—	21	21	—	—	—
Total	**7,553**	**8**	**3**	**7,564**	**7,841**	**—**	**11**	**—**

In accordance with IFRS, derivatives are classified as fair value through income statement. In the above tables for financial assets and liabilities the cash flow hedge accounted derivatives are however presented as fair value through OCI, in line with how they are booked for the effective portion.

Carrying amounts of financial assets and liabilities by measurement and fair value categories: 31 December 2023

EUR million	Amortised cost	Fair value through OCI	Fair value through income statement	Total carrying amount	Fair value	Fair value hierarchy		
						Level 1	Level 2	Level 3
Financial assets								
Listed securities	–	9	–	9	9	9	–	–
Unlisted securities	–	794	15	810	810	–	–	810
Non-current interest-bearing receivables	62	14	–	76	76	–	15	–
Derivative assets	–	14	–	15	15	–	15	–
Loan receivables	62	–	–	62	62	–	–	–
Trade and other operating receivables	882	30	–	912	912	–	30	–
Current interest-bearing receivables	21	39	4	64	64	–	43	–
Derivative assets	–	39	4	43	43	–	43	–
Other short-term receivables	21	–	–	21	21	–	–	–
Cash and cash equivalents	2,464	–	–	2,464	2,464	–	–	–
Total	**3,428**	**887**	**19**	**4,334**	**4,334**	**9**	**87**	**810**

EUR million	Amortised cost	Fair value through OCI	Fair value through income statement	Total carrying amount	Fair value	Fair value hierarchy		
						Level 1	Level 2	Level 3
Financial liabilities								
Non-current interest-bearing liabilities	4,774	1	–	4,775	4,926	–	1	–
Derivative liabilities	–	1	–	1	1	–	1	–
Non-current debt	4,774	–	–	4,774	4,925	–	–	–
Current portion of non-current debt	347	–	–	347	347	–	–	–
Current interest-bearing liabilities	651	4	2	657	657	–	6	–
Derivative liabilities	–	4	2	6	6	–	6	–
Current debt	651	–	–	651	651	–	–	–
Trade and other operating payables	1,892	–	–	1,892	1,892	–	–	–
Bank overdrafts	–	–	–	–	–	–	–	–
Total	**7,664**	**6**	**2**	**7,672**	**7,823**	**–**	**8**	**–**

31 December 2023 restated, see chapter Restatements for more details.

In accordance with IFRS, derivatives are classified as fair value through income statement. In the above tables for financial assets and liabilities the cash flow hedge accounted derivatives are however presented as fair value through OCI, in line with how they are booked for the effective portion.

Reconciliation of level 3 fair value measurement of financial assets and liabilities: 30 September 2024

EUR million	Q1–Q3/24	2023	Q1–Q3/23
Financial assets			
Opening balance at 1 January	**810**	**1,437**	**1,437**
Reclassifications	0	0	0
Gains/losses recognised in other comprehensive income	-147	-646	-814
Additions	0	18	18
Disposals	-3	0	0
Closing balance	**660**	**810**	**640**

The Group did not have level 3 financial liabilities as at 30 September 2024.

Level 3 Financial Assets

At period end, Level 3 financial assets included EUR 628 million of Pohjolan Voima Oy (PVO) shares for which the valuation method is described in more detail in the Annual Report. The valuation decreased by EUR 149 million versus December 2023, mainly due to lower electricity market prices and higher costs. The valuation is most sensitive to changes in electricity prices and discount rates. The discount rate of 6.49% used in the valuation model is determined using the weighted average cost of capital method. A +/- 5% change in the electricity price used in the DCF would change the valuation by EUR +91 million and -91 million, respectively. A +/- percentage point change in the discount rate would change the valuation by EUR -115 million and +150 million, respectively.

Stora Enso shares

During the third quarter of 2024, the conversions of 441 A shares into R shares were recorded in the Finnish trade register.

On 30 September 2024, Stora Enso had 175,880,250 A shares and 612,739,737 R shares in issue. The company did not hold its own shares. The total number of Stora Enso shares in issue was 788,619,987 and the total number votes at least 237,154,223.

On 15 October 2024, the conversion of 50,979 A shares into R shares was recorded in the Finnish trade register.

Trading volume

	Helsinki		Stockholm	
	A share	R share	A share	R share
July	56,565	31,455,493	43,801	5,119,505
August	112,043	35,892,217	58,554	4,679,962
September	70,638	31,940,575	48,230	4,558,663
Total	**239,246**	**99,288,285**	**150,585**	**14,358,130**

Closing price

	Helsinki, EUR		Stockholm, SEK	
	A share	R share	A share	R share
July	11.50	11.54	129.00	133.90
August	11.60	11.70	130.50	132.70
September	11.60	11.50	129.50	129.90

Number of shares

Million	Q3/24	Q3/23	Q2/24	2023
At period end	788.6	788.6	788.6	788.6
Average	788.6	788.6	788.6	788.6
Average, diluted	789.6	789.8	789.6	789.7

Sales

Sales by segment – total

EUR million	Q3/24	Q2/24	Q1/24	2023	Q4/23	Q3/23	Q2/23	Q1/23
Packaging Materials	1,169	1,138	1,100	4,557	1,045	1,057	1,155	1,300
Packaging Solutions	262	254	224	1,077	247	266	288	276
Biomaterials	380	413	374	1,587	375	345	379	488
Wood Products	359	414	349	1,580	341	349	436	454
Forest	695	690	659	2,490	650	534	620	687
Other	37	36	57	964	207	179	213	364
Inter-segment sales	-640	-644	-599	-2,859	-691	-603	-717	-848
Total	**2,261**	**2,301**	**2,164**	**9,396**	**2,174**	**2,127**	**2,374**	**2,721**

Sales by segment – external

EUR million	Q3/24	Q2/24	Q1/24	2023	Q4/23	Q3/23	Q2/23	Q1/23
Packaging Materials	1,094	1,062	1,033	4,362	1,006	1,012	1,103	1,242
Packaging Solutions	259	252	221	1,066	244	264	285	273
Biomaterials	315	326	298	1,363	322	297	321	423
Wood Products	320	373	315	1,453	313	322	400	416
Forest	267	282	278	989	266	218	246	258
Other	7	7	20	162	22	14	18	108
Total	**2,261**	**2,301**	**2,164**	**9,396**	**2,174**	**2,127**	**2,374**	**2,721**

Disaggregation of revenue

EUR million	Q3/24	Q2/24	Q1/24	2023	Q4/23	Q3/23	Q2/23	Q1/23
Product sales	2,246	2,283	2,154	9,317	2,153	2,109	2,348	2,707
Service sales	16	18	10	79	21	18	25	15
Total	**2,261**	**2,301**	**2,164**	**9,396**	**2,174**	**2,127**	**2,374**	**2,721**

Restatement of comparative figures

The Beihai site was classified as assets held for sale from the end of 2023. As at the end of September 2024, such classification has been ceased, because the sale is not anymore considered to be highly probable. Adjusted EBIT and IFRS operating result for January–June 2024 decreased by EUR 15 million due to the inclusion of the previously suspended depreciation into the restated results. In accordance with IFRS, depreciation has not been booked on the Beihai assets during their classification as held for sale. There are no cash flow impacts as a result of the restatements. The following table illustrates the restatements.

Key figures - Group	Restated			As published			Change		
	Q1 2024	Q2 2024	Q1–Q2 2024	Q1 2024	Q2 2024	Q1–Q2 2024	Q1 2024	Q2 2024	Q1–Q2 2024
Adjusted EBIT	149	153	302	156	161	317	-8	-8	-15
Adjusted EBIT margin	6.9%	6.7%	6.8%	7.2%	7.0%	7.1%	-0.3%	-0.3%	-0.3%
Operating result (IFRS)	141	92	232	148	99	247	-8	-8	-15
Result before tax (IFRS)	94	43	137	101	50	152	-8	-8	-15
Net result for the period (IFRS)	77	35	111	84	42	126	-8	-8	-15
Depreciation and impairment charges excl. IAC	125	126	251	118	118	236	8	8	15
Forest assets	8,625	8,723	8,723	8,626	8,725	8,725	-1	-2	-2
Adjusted return on capital employed (ROCE), LTM	1.8%	2.6%	2.6%	1.9%	2.8%	2.8%	-0.1%	-0.1%	-0.1%
Adjusted ROCE excl. Forest division, LTM	-0.1%	1.1%	1.1%	0.0%	1.3%	1.3%	-0.1%	-0.2%	-0.2%
Earnings per share (EPS) excl. FV, EUR	0.08	0.06	0.14	0.09	0.07	0.16	-0.01	-0.01	-0.02
EPS (basic), EUR	0.10	0.05	0.15	0.11	0.06	0.16	-0.01	-0.01	-0.02
Return on equity (ROE), LTM	-4.9%	-2.3%	-2.3%	-4.8%	-2.1%	-2.1%	-0.1%	-0.1%	-0.2%
Equity per share, EUR	13.65	13.60	13.60	13.66	13.61	13.61	-0.01	-0.02	-0.02
Operating capital, total	15,417	15,362	15,362	15,425	15,377	15,377	-8	-15	-15
Capital employed	14,183	14,115	14,115	14,190	14,131	14,131	-8	-15	-15
Equity attributable to owners of the Parent	10,765	10,722	10,722	10,771	10,734	10,734	-6	-12	-12
Non-controlling interests	-100	-103	-103	-98	-100	-100	-1	-3	-3
Net result attributable to owners of the parent	79	38	117	85	44	129	-6	-6	-12
Net profit for the period attributable to owners of the parent excl. FV	65	49	114	71	55	126	-6	-6	-12
Adjusted EBIT, LTM	257	374	374	265	389	389	-8	-15	-15
Capital employed, LTM average	14,195	14,104	14,104	14,197	14,108	14,108	-2	-5	-5
Adjusted EBIT excl. Forest division, LTM	-9	93	93	-2	108	108	-8	-15	-15
Capital employed excl. Forest division, LTM average	8,413	8,270	8,270	8,415	8,274	8,274	-2	-5	-5
Net result for the period, LTM	-539	-248	-248	-532	-233	-233	-8	-15	-15
Total equity, LTM average	11,045	10,838	10,838	11,047	10,842	10,842	-2	-5	-5

Key figures - Packaging Materials	Restated			As published			Change		
	Q1 2024	Q2 2024	Q1–Q2 2024	Q1 2024	Q2 2024	Q1–Q2 2024	Q1 2024	Q2 2024	Q1–Q2 2024
Adjusted EBIT	52	53	105	60	60	120	-8	-8	-15
Adjusted EBIT margin	4.8%	4.6%	4.7%	5.5%	5.3%	5.4%	-0.7%	-0.7%	-0.7%
Operating result (IFRS)	47	24	71	55	32	87	-8	-8	-15
Adjusted EBIT, LTM	-46	28	28	-38	43	43	-8	-15	-15
Operating capital, LTM	3,565	3,516	3,516	3,566	3,520	3,520	-2	-5	-5
Adjusted ROOC, LTM	-1.3%	0.8%	0.8%	-1.1%	1.2%	1.2%	-0.2%	-0.4%	-0.4%

The below tables present a restatement of the divisions' cash flows due to an incorrect allocation in the previously published figures. The Group's figures are unchanged.

Cash Flow from Operations (non-IFRS)	Restated		As published		Change	
	Q2 2024	Q1-Q2 2024	Q2 2024	Q1-Q2 2024	Q2 2024	Q1-Q2 2024
Packaging Materials	64	223	75	235	-11	-12
Packaging Solutions	24	30	24	30	0	0
Biomaterials	139	269	141	271	-2	-2
Wood Products	32	2	40	10	-8	-8
Forest	116	134	120	137	-4	-3
Other	-51	-66	-76	-91	25	25
Group	**323**	**592**	**323**	**592**	**0**	**0**

Cash Flow after Investing Activities (non-IFRS)	Restated		As published		Change	
	Q2 2024	Q1-Q2 2024	Q2 2024	Q1-Q2 2024	Q2 2024	Q1-Q2 2024
Packaging Materials	-99	-228	-87	-216	-12	-12
Packaging Solutions	14	8	14	8	0	0
Biomaterials	98	185	101	187	-3	-2
Wood Products	26	-22	34	-14	-8	-8
Forest	100	108	104	111	-4	-3
Other	-53	-70	-78	-95	25	25
Group	**86**	**-18**	**86**	**-18**	**0**	**0**

Alternative performance measures

Definitions and purpose for alternative performance measures can be found at the end of this section.

Changes in alternative performance measures

From 1 January 2024 onwards, a slight change in terminology is applied with regards to certain key alternative performance measures as detailed in the table below:

Name until 31 Dec 2023	New name from 1 Jan 2024
Operational EBIT	Adjusted EBIT
Operational EBIT margin	Adjusted EBIT margin
Operational EBITDA	Adjusted EBITDA
Operational EBITDA margin	Adjusted EBITDA margin
Net debt to LTM operational EBITDA	Net debt to LTM adjusted EBITDA
Operational return on capital employed (op. ROCE)	Adjusted Return on capital employed (Adj. ROCE)
Operational ROCE excl. Forest division	Adjusted ROCE excl. Forest division
Operational return on operating capital (op. ROOC)	Adjusted Return on operating capital (Adj. ROOC)

In addition, the Company specifies that in order for the qualifying cases to be considered as items affecting comparability, a materiality threshold will be applied of at least EUR 4 million for Packaging Materials, EUR 2 million for Biomaterials, and EUR 1 million for the rest of the divisions including the segment Other. No restatements were prepared for the alternative performance measures as this change did not have a significant impact on the comparative figures.

Reconciliation of operating result

EUR million	Q3/24	Q3/23	Change % Q3/24–Q3/23	Q2/24	Change % Q3/24–Q2/24	Q1–Q3/24	Q1–Q3/23	Change % Q1–Q3/24–Q1–Q3/23	2023
Adjusted EBITDA	328	180	82.3%	312	5.1%	938	777	20.7%	989
Depreciation and silviculture costs of associated companies	-4	-3	-54.9%	-4	9.3%	-10	-7	-32.6%	-11
Silviculture costs[1]	-24	-27	10.5%	-29	17.0%	-75	-77	3.6%	-102
Depreciation and impairment excl. IAC[2]	-125	-130	3.9%	-126	0.8%	-376	-401	6.1%	-534
Adjusted EBIT[2]	**175**	**21**	**n/m**	**153**	**14.4%**	**478**	**292**	**63.8%**	**342**
Fair valuations and non-operational items	0	5	-93.7%	-16	101.8%	-4	2	n/m	231
Items affecting comparability (IAC)	-36	-26	-37.9%	-46	20.9%	-102	-290	64.9%	-895
Operating result (IFRS)[2]	**139**	**-1**	**n/m**	**92**	**52.4%**	**372**	**4**	**n/m**	**-322**

[1] Including damages to forests
[2] Q2/24 restated, see chapter Restatements for more details.

Adjusted EBIT by segment

EUR million	Q3/24	Q2/24	Q1/24	2023	Q4/23	Q3/23	Q2/23	Q1/23
Packaging Materials	73	53	52	-57	-43	-34	-22	41
Packaging Solutions	-6	-1	-1	43	6	14	15	8
Biomaterials	43	63	57	118	35	5	-13	91
Wood Products	-2	7	-9	-64	-27	-21	-6	-11
Forest	81	76	70	253	75	59	62	57
Other	-16	-32	-11	1	-1	-15	-9	27
Inter-segment eliminations	3	-13	-10	49	5	13	9	21
Adjusted EBIT	**175**	**153**	**149**	**342**	**51**	**21**	**37**	**234**
Fair valuations and non-operational items	0	-16	11	231	229	5	-14	11
Items affecting comparability	-36	-46	-20	-895	-605	-26	-276	12
Operating result (IFRS)	**139**	**92**	**141**	**-322**	**-326**	**-1**	**-253**	**258**
Net financial items	-41	-49	-47	-173	-52	-40	-51	-29
Result before Tax	**98**	**43**	**94**	**-495**	**-378**	**-41**	**-304**	**228**
Income tax expense	-14	-8	-17	64	53	7	47	-43
Net result	**84**	**35**	**77**	**-431**	**-325**	**-34**	**-257**	**185**

The Packaging Materials and Group figures were restated for Q2/24 and Q1/24. See chapter Restatements for more details.

Items affecting comparability (IAC), fair valuations and non-operational items (FV)

Items affecting comparability in Q3/2024

EUR million	Q3/24	Q1-Q3/24
Restructuring - Packaging Materials	-9	-30
Restructuring - Packaging Solutions	-1	-6
Restructuring - Biomaterials	0	-2
Restructuring - Forest	0	-3
Restructuring - Group functions and segment Other	2	-3
Profit improvement programme - consulting costs	-14	-32
Closure De Hoop	-7	-11
Environmental provisions	-5	-5
Other items	-2	-9
Total	**-36**	**-102**

Items affecting comparability in Q3/2023

EUR million	Q3/23	Q1-Q3/23
Impairment reversal - Forest	0	1
Disposal of Nymölla	-1	-30
Disposal of Hylte	1	-47
Disposal of Maxau	3	52
Disposal of biocomposite business	-14	-14
Disposal of Wood Products DIY unit	0	-3
Disposals related transaction costs	0	-5
Acquisition of De Jong Packaging Group	-1	-16
Closure of Sunila pulp mill	-13	-117
Closure De Hoop	-4	-80
Restructuring (2021 announced) - Kvarnsveden	4	28
Restructuring (2021 announced) - Veitsiluoto	1	10
Restructuring - Anjala	0	-26
Restructuring - Packaging Materials	-1	-17
Restructuring - Packaging Solutions	0	-10
Restructuring - Biomaterials	-2	-2
Restructuring - Wood Products	0	-8
Restructuring - Group functions	-1	-11
Environmental provisions - mainly closed Finnish sites	0	6
Other items	0	-1
Total	**-26**	**-290**

Fair valuations and non-operational items

EUR million	Q3/24	Q1-Q3/24	Q3/23	Q1-Q3/23
Non-operational fair valuation changes of biological assets, Packaging Materials	-1	-3	0	0
Non-operational fair valuation changes of biological assets, Biomaterials	5	10	-3	1
Non-operational fair valuation changes of biological assets, Forest	0	-11	0	-6
Non-cash income and expenses related to CO_2 emission rights and liabilities, Other	5	34	12	15
Non-operational items of associated companies, Forest	-9	-33	-5	-3
Adjustments for differences between fair value and acquisition cost of forest assets upon disposal, Forest	-1	-2	0	-5
Total	**0**	**-4**	**5**	**2**

Items affecting comparability (IAC) by segment

EUR million	Q3/24	Q2/24	Q1/24	2023	Q4/23	Q3/23	Q2/23	Q1/23
Packaging Materials	-10	-27	-4	-597	-474	-4	-98	-21
Packaging Solutions	-1	-3	-3	-26	-1	0	-5	-20
Biomaterials	-2	-1	-1	-224	-105	-17	-101	0
Wood Products	0	0	0	-22	-13	-1	-8	0
Forest	-3	2	-2	2	4	3	-2	-3
Other	-20	-17	-10	-28	-16	-6	-61	56
IAC on operating result	**-36**	**-46**	**-20**	**-895**	**-605**	**-26**	**-276**	**12**
Tax on IAC	5	8	4	100	53	6	43	-3
IAC on net result	**-31**	**-38**	**-16**	**-795**	**-552**	**-20**	**-233**	**10**

Fair valuations and non-operational items by segment

EUR million	Q3/24	Q2/24	Q1/24	2023	Q4/23	Q3/23	Q2/23	Q1/23
Packaging Materials	-1	-1	-1	12	12	0	0	0
Packaging Solutions	0	0	0	0	0	0	0	0
Biomaterials	5	3	1	25	24	-3	5	-1
Wood Products	0	0	0	0	0	0	0	0
Forest	-9	-29	-6	206	221	-5	0	-9
Other	5	11	17	-13	-28	12	-19	21
FV on operating result	**0**	**-16**	**11**	**231**	**229**	**5**	**-14**	**11**
Tax on FV	1	3	-1	-25	-24	-1	4	-3
FV on net result	**1**	**-13**	**11**	**206**	**205**	**3**	**-10**	**8**

Operating result by segment

EUR million	Q3/24	Q2/24	Q1/24	2023	Q4/23	Q3/23	Q2/23	Q1/23
Packaging Materials	62	24	47	-642	-504	-38	-120	21
Packaging Solutions	-8	-4	-4	17	5	14	10	-12
Biomaterials	46	66	58	-81	-46	-15	-109	90
Wood Products	-3	7	-10	-86	-40	-22	-14	-11
Forest	69	49	63	461	300	57	60	44
Other	-31	-38	-4	-41	-46	-10	-89	104
Inter-segment eliminations	3	-13	-10	49	5	13	9	21
Operating result (IFRS)	**139**	**92**	**141**	**-322**	**-326**	**-1**	**-253**	**258**
Net financial items	-41	-49	-47	-173	-52	-40	-51	-29
Result before tax	**98**	**43**	**94**	**-495**	**-378**	**-41**	**-304**	**228**
Income tax expense	-14	-8	-17	64	53	7	47	-43
Net result	**84**	**35**	**77**	**-431**	**-325**	**-34**	**-257**	**185**

The Packaging Materials and Group figures were restated for Q2/24 and Q1/24. See chapter Restatements for more details.

Calculation of adjusted return on capital employed (ROCE) and return on equity (ROE) based on the last 12 months

EUR million	Q3/24	Q3/23	Q2/24	Q4/23
Adjusted EBIT, LTM[1]	528	647	374	342
Capital employed, LTM average[1]	14,146	14,336	14,104	14,230
Adjusted ROCE, LTM[1]	**3.7%**	**4.5%**	**2.6%**	**2.4%**
Adjusted EBIT excl. Forest division, LTM[1]	225	407	93	89
Capital employed excl. Forest division, LTM average[1]	8,220	8,715	8,270	8,490
Adjusted ROCE excl. Forest division, LTM[1]	**2.7%**	**4.7%**	**1.1%**	**1.0%**
Net result for the period, LTM[1]	-130	478	-248	-431
Total equity, LTM average[1]	10,780	11,727	10,838	11,413
Return on equity (ROE), LTM[1]	**-1.2%**	**4.1%**	**-2.3%**	**-3.8%**
Net debt	3,528	3,120	3,497	3,167
Adjusted EBITDA, LTM	1,150	1,292	1,002	989
Net debt to LTM adjusted EBITDA ratio	**3.1**	**2.4**	**3.5**	**3.2**

LTM = Last 12 months.

[1] Q2/24 restated, see chapter Restatements for more details.

Calculation of EPS excl. FV

EUR million	Q3/24	Q3/23	Q2/24	Q1-Q3/24	Q1-Q3/23	2023
Earnings per share (EPS) excl. FV EUR						
Net profit for the period attributable to owners of the Parent[1]	88	-33	38	204	-70	-357
FV on net profit for the period attributable to owners of the Parent	7	3	-11	10	1	218
Net profit for the period attributable to owners of the parent excl. FV[1]	**81**	**-37**	**49**	**195**	**-72**	**-575**
Average number of shares	789	789	789	789	789	789
Earnings per share (EPS) excl. FV EUR[1]	0.10	-0.05	0.06	0.25	-0.09	-0.73

[1] Q2/24 restated, see chapter Restatements for more details.

Calculation of net debt

EUR million	30 Sep 2024	30 Sep 2023	30 Jun 2024	31 Dec 2023
Listed securities	9	7	10	9
Non-current interest-bearing receivables	24	104	27	76
Interest-bearing receivables	121	27	121	64
Cash and cash equivalents	1,999	2,077	2,074	2,464
Interest-bearing assets	**2,154**	**2,216**	**2,232**	**2,613**
Non-current interest-bearing liabilities	4,090	4,182	4,383	4,775
Current portion of non-current debt	839	489	599	347
Interest-bearing liabilities	732	640	728	657
Bank overdrafts	21	24	19	0
Interest-bearing liabilities held-for-sale	0	0	0	0
Interest-bearing Liabilities	**5,682**	**5,335**	**5,729**	**5,780**
Net debt	**3,528**	**3,120**	**3,497**	**3,167**

31 Dec 2023 restated, see chapter Restatements for more details.

Definitions and calculation of alternative performance measures

According to the European Securities and Markets Authority (ESMA) Guidelines, an alternative performance measure is understood as a financial measure of historical or future financial performance, financial position, or cash flows, not defined under IFRS. Used together with the IFRS measures, alternative performance measures provide meaningful supplemental information to the management, investors, analysts and other parties with regards to the financial development of the business operations.

Alternative performance measure	Definition	Purpose
Operating result (IFRS)	Net result for the period excluding income tax and net financial items (finance costs).	Used in combination with below measures to determine the profitability of the Group.
Adjusted EBIT	Operating result (IFRS) excluding items affecting comparability (IAC) and fair valuations and non-operational items (FV) of the line-by-line consolidated entities and Stora Enso's share of operating result excluding IAC and FV of its associated companies.	The Group's key non-IFRS performance metric, which is used to evaluate the performance of operating segments and, in combination with below ratios, to steer allocation of resources to them.
Adjusted EBITDA	Operating result (IFRS) excluding silviculture costs and damage to forests, fixed asset depreciation and impairment, IACs and FV. The definition includes the respective items of subsidiaries, joint arrangements and associated companies.	Used by management to analyse the business and, from time-to-time, for short term and long-term target setting.
Adjusted return on capital employed (ROCE), LTM[3] (%)	Adjusted EBIT[3] / Capital employed[1] x 100	Used for long-term Group financial targets setting.
Adjusted return on operating capital (ROOC), LTM[3] (%)	Adjusted EBIT[3] / Operating capital[1] x 100	Used for long-term divisional financial targets setting.
Return on equity, ROE, LTM[3] (%)	Net result for the period / Total equity[1] x 100	A measure of the profitability in relation to equity.
Net debt	Interest-bearing liabilities – interest-bearing assets, marked with "I" in the statement of financial position.	Used for long-term Group financial targets setting.

Alternative performance measure	Definition	Purpose
Net debt/equity ratio	Net debt / Equity[2]	Used for long-term Group financial targets setting.
Net debt/last 12 months' adjusted EBITDA ratio	Net debt / LTM adjusted EBITDA	Used for long-term Group financial targets setting.
Earnings per share (EPS) excluding FV	Net result for the period excluding fair valuations and non-operational items after tax divided by the weighted average number of shares	Stora Enso's dividend policy is to distribute 50% of earnings per share (EPS) excluding fair valuation over the cycle.
Operating capital and capital employed	Operating capital is comprised of items marked with "O" in the statement of financial position. Capital employed = Operating capital – Net tax liabilities. Net tax liabilities are marked with "T" in the statement of financial position.	Used for long-term Group financial targets setting.
Items affecting comparability (IAC)	The most common IAC are significant capital gains and losses, impairments or impairment reversals, disposal gains and losses relating to Group companies, provisions for planned restructurings, environmental provisions, changes in depreciation due to restructuring and penalties. In order for qualifying cases to be considered as items affecting comparability, a materiality threshold will be applied of at least EUR 4 million for Packaging Materials, EUR 2 million for Biomaterials, and EUR 1 million for the rest of the divisions including segment Other.	Represent certain significant items, identified by the management, considered not indicative of the operating business performance due to their nature and/or frequency.
Fair valuations and non-operational items (FV)	Fair valuations and non-operational items include non-cash income and expenses related to CO_2 emission rights and liabilities, non-operational fair valuation changes of biological assets, adjustments for differences between fair value and acquisition cost of forest assets upon disposal and the Group's share of income tax and net financial items of associated companies. Non-operational fair value changes of biological assets reflect changes made to valuation assumptions and parameters. The adjustments for differences between fair value and acquisition cost of forest assets upon disposal are a result of the fact that the cumulative non-operational fair valuation changes of disposed forest assets were included in previous periods in IFRS operating result (biological assets) and other comprehensive income (forest land) and are included in adjusted EBIT only at the disposal date (for non-strategic forest assets disposals).	Represent adjustments for certain items considered by the management less relevant for understanding operating business performance. These adjustments result in differences in the recognition and measurement principles applicable under IFRS.
Operational fair value change of biological assets	Operational fair value changes of biological assets contain all other fair value changes (see above about non-operational fair value changes of biological assets), mainly due to inflation and differences in actual harvesting levels compared to the harvesting plan.	The long-term value change of the growing forests is an important component of the forestry business profitability.
Cash flow from operations (non-IFRS) and cash flow after investing activities (non-IFRS)	Cash flow from operations (non-IFRS) is equal to net cash provided by operating activities (IFRS) before cash flows related to financial items and income taxes. Cash flow after investing activities (non-IFRS) is equal to cash flow from operations (non-IFRS) minus cash spent on intangible assets, property, plant and equipment, and biological assets and acquisitions of associated companies.	These are measures of cash generation, working capital efficiency and capital expenditure outflows.
Capital expenditure	Capital expenditure on fixed assets includes investments in and acquisitions of tangible and intangible assets as well as internally generated assets and capitalised borrowing costs, net of any related subsidies. Capital expenditure on leased assets includes new capitalised leasing contracts. Capital expenditure on biological assets consists of acquisitions of biological assets and capitalisation of costs directly linked to growing trees in plantation forests. The cash flow impact of capital expenditure is presented in cash flow from investing activities, excluding lease capex, where the cash flow impact is based on paid lease liabilities and presented in cash flow from financing and operating activities.	A measure of the operating business investments capitalised as tangible and intangibles assets.
Fixed costs	Maintenance, personnel and other administration type of costs, excluding IAC and FV.	A measure of the costs that are less variable in nature.

[1]Average for the last five quarter ends [2]Attributable to the owners of the Parent [3]Last 12 months prior to the end of reporting period

Definitions and calculation of key sustainability figures

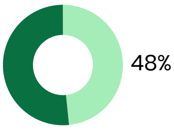
GHG emissions, Scope 1 + 2	Direct absolute CO_2e emissions from production (Scope 1) and indirect absolute CO_2e emissions related to purchased electricity and heat (Scope 2). Excluding joint operations. Reported as rolling 12 months. Calculated in accordance with the Greenhouse Gas Protocol of the World Resource Institute (WRI).
GHG emissions, Scope 3	Absolute CO_2e emissions from other sources along the value chain of all production units are estimated based on the most recent methodology. Joint operations included as suppliers. Currently, material emission categories for Scope 3 emissions are updated annually. Accounting based on guidelines provided by the Greenhouse Gas Protocol and the World Business Council for Sustainable Development (WBCSD).
Forest certification coverage	The proportion of land in wood production and harvesting owned or leased by Stora Enso that is covered by forest certification schemes. Reporting on total land area and its forest certification coverage aligned with financial reporting on forests assets.
Share of technically recyclable products	The proportion of technically recyclable products based on production volumes as tonnes. Technical recyclability is defined by international standards and tests when available, and in the absence of these, by Stora Enso's tests that prove recyclability. The reporting scope includes Stora Enso's packaging, pulp, paper and solid wood products as well as biochemical by-products.
TRI (Total recordable incidents) rate	Number of incidents per one million hours worked. Including joint operations.
Gender balance: % of female managers among all managers	The share of female managers is calculated as the headcount of all permanent managers with at least one direct report. The manager must be permanent, but the subordinates can be temporary or permanent. Reported as rolling 12 months. Excluding joint operations.
Total water withdrawal per saleable tonne	Reported as rolling 12 months. Excluding joint operations. Total water withdrawal includes process water and cooling and non-contact water intakes by board, pulp, and paper production sites as cubic metres (m^3).
Process water discharges per saleable tonne	Reported as rolling 12 months. Excluding joint operations and Business Unit Western Europe in Packaging Solutions. Process water discharges include the discharges of board, pulp, and paper production sites as cubic metres (m^3).
Supplier Code of Conduct (SCoC) coverage	The share of supplier spend (rolling 12 months) covered by the Supplier Code of Conduct (SCoC). Excludes contracts with an annual value below EUR 10,000, joint operations, intellectual property rights, leasing fees, financial trading, government fees such as customs, and wood purchases from private individual forest owners. Excluding Business Unit Western Europe in Packaging Solutions.

Divisions

Packaging Materials

Leading the development of circular packaging, providing premium packaging materials based on virgin and recycled fiber.

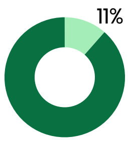
Share of Group external sales



Packaging Solutions

Developing and selling premium fiber-based packaging products and services.

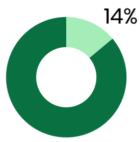
Share of Group external sales



Biomaterials

Meeting the growing demand for bio-based solutions with innovations and being customers choice in selected pulp grades.

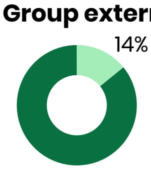
Share of Group external sales



Wood Products

One of the largest sawn wood producers in Europe and a global leading provider of renewable wood-based solutions.

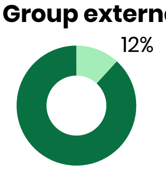
Share of Group external sales



Forest

Creating value through sustainable forest management, competitive wood supply and innovation.

Share of Group external sales



Information about Stora Enso's production capacities is available in the Annual Report 2023.

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Stora Enso's Q4 and full year 2024 results will be published on

11 February 2025

Part of the global bioeconomy, Stora Enso is a leading provider of renewable products in packaging, biomaterials, and wooden construction, and one of the largest private forest owners in the world. We create value with our low-carbon and recyclable fiber-based products, through which we support our customers in meeting the demand for renewable sustainable products. Stora Enso has approximately 20,000 employees and our sales in 2023 were EUR 9.4 billion. Stora Enso shares are listed on Nasdaq Helsinki Oy (STEAV, STERV) and Nasdaq Stockholm AB (STE A, STE R). In addition, the shares are traded on OTC Markets (OTCQX) in the USA as ADRs and ordinary shares (SEOAY, SEOFF, SEOJF). **storaenso.com/investors**

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