

# Tornator Oyj

## Half-year report, 1 January – 30 June 2024



*Wild thyme in the prescribed burning area of Huuhanranta, 2022.  
Photo: Petri Martikainen*

## Tornator’s strong performance remains steady – forest acquisitions of almost 15,000 hectares improved the company’s growth prospects

Half-year report – stock exchange release, *20 August 2024 at 4.00 pm*

### SUMMARY 1 JAN – 30 JUNE 2024 (1 JAN – 30 JUNE 2023)

- Turnover increased by 1.0% to €85.1 million (84.2). The volume of wood deliveries was slightly lower than in the comparison period, but the high demand for wood pushed up unit prices.
- The operating profit was at the same level as in the comparison period, €60.0 million (60.8). The operating profit as reported in accordance with the International Financial Reporting Standards (IFRS) was €60.8 million (131.0).
- Tornator continued to purchase forestland in Finland. Nearly 15,000 hectares of new forestland was acquired, with a total investment of almost €50 million.
- The company restored 115 hectares of peatland and burned 41 hectares of forest as part of its 10-year Biodiversity Program.
- IFRS profit at fair value for the reporting period was €40.1 million (100.0). The change in the fair value of interest rate instruments was +€1.1 million (+2.6) before taxes. The change in the fair value of biological assets was -€0.5 million before taxes (+63.4).
- Comparable return on equity was 3.5% (4.2) and 3.7% (10.1) at fair value. The equity ratio was 60.1% (59.5).

### Key figures (consolidated)

	H1/2024	H1/2023	Change, %
Net sales, € million	85.1	84.2	1 %
Operating profit (IFRS), € million	60.8	131.0	-54 %
Operating profit, %	71.5	155.5	-54 %
Profit for the period (IFRS), € million	40.1	100.0	-60 %
Return on equity, %	3.7	10.1	-64 %
Return on capital employed, %	4.2	9.3	-55 %
Equity ratio, %	60.1	59.5	1 %
Average number of personnel	187	188	-1 %

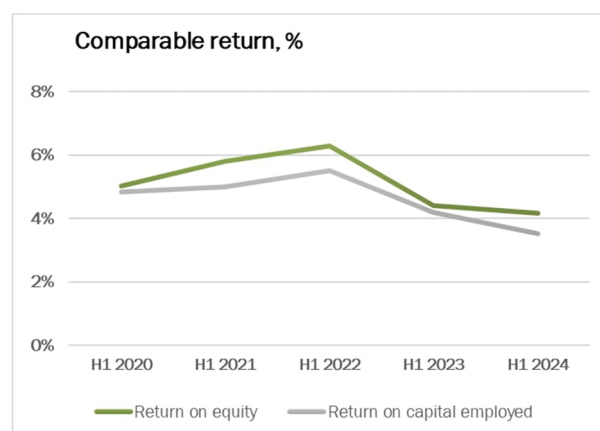
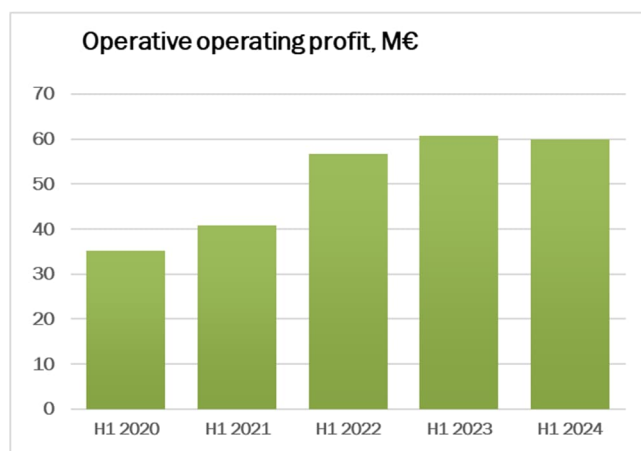
The key figures are calculated according to the International Financial Reporting Standards (IFRS).

## Comparable key figures

	H1/2024	H1/2023	Change, %
Net sales, € million	85.1	84.2	1 %
Operative operating profit, € million	60.0	60.8	-1 %
Operative operating profit, %	70.5	72.2	-2 %
Comparable net profit, € million	38.3	41.3	-7 %
Comparable return on equity, %	3.5	4.2	-16 %
Comparable return on capital employed, %	4.2	4.4	-5 %

In addition to official key figures calculated in accordance with the IFRS, Tornator Group uses key figures that are calculated without changes in fair value. The figures are comparable between years and therefore better describe the success of the company's operations. The figures are calculated as follows (€ million):

<b>Operating profit, IFRS</b>	<b>60.8</b>
- Change in fair value of biological assets	+0.5
- Change in fair value of provisions and and receivables from additional wind power sales prices	-1.3
<b>= Operative operating profit, comparable</b>	<b>60.0</b>
<b>Profit for the period, IFRS</b>	<b>40.1</b>
- Change in fair value of biological assets	+0.5
- Change in fair value of provisions and long-term receivables	-1.3
- Change in fair value of financial instruments	-1.1
- Share of taxes of above mentioned items	+0.1
<b>= Comparable net profit</b>	<b>38.3</b>



**CEO Henrik Nieminen:**

*Steady returns sustainably*

For Tornator's owners, steadiness is a virtue to strive for. Compared to many cyclical industries, forestry provides owners with reasonable and steady long-term returns with moderate risk. In addition to annual yields, sustainable forestry involves preserving the value of assets and ensuring that forests are passed on to future generations in healthy condition and able to grow. Tornator has been meeting the expectations of its owners since its beginning over two decades ago, and the first half of 2024 was no exception. The company's committed personnel implemented its strategy of sustainability, partnership and growth with professionalism and determination. The collaboration with our key client Stora Enso was seamless, and significant progress was made in improving operational predictability, which is important to both parties. The timber delivery progressed as planned, and thanks to joint process development, the silviculture services business reached a growth milestone, with turnover increasing by more than 50 per cent. Thanks to the efficiency of operations, there were no material changes in the company's costs, while the interest expenses reflected the rise in market interest rates. As an important part of our growth strategy, we succeeded in acquiring almost 15,000 hectares of new forestland in Finland. Under Tornator's ownership, these forests will qualify for double certification and the objectives of our Biodiversity Program and Climate Program. Also noteworthy is the employment effect of the purchased forestland in dispersed areas and the inflow of corporation taxes to Finland.

*Tornator supports biodiversity*

The outlook for timber demand is good. There are many uses for renewable, sustainably produced raw material, and the demand for wood products is being driven by several megatrends. The use of forests is also being widely discussed. In Finland, the European Union's recent Nature Restoration Regulation was a hot topic in various media. Tornator's position is clear: we support the EU's objectives to restore nature and safeguard biodiversity. Environmental and sustainability principles are not in conflict with each other, and different uses of forests can be reconciled in the commercial forests we manage. Tornator's own Biodiversity Program for the 2021–2030 period includes many impactful restoration objectives, such as restoring marshland and habitats. The degree of achievement of these objectives will be measured and progress will be reported regularly. For example, the three-year project set up to protect running waters by Tornator, WWF and Stora Enso was again fruitful in various ways, in stream restoration, for example.

*Supply chain development: a major priority*

In terms of social responsibility, it is essential to take care of working conditions throughout the value chain. In the big picture, we identify challenges in the use of foreign labour, especially in the case of less experienced contractors and subcontractors. This is why increasing the ethical sustainability of the contracting chain is one of our key priorities. We train and help contractors to meet their employer obligations, and have, for example, developed multilingual silviculture and occupational-safety manuals and online courses for foreign workers. As a client, we closely monitor the supply chain and tackle any problems that we become aware of. We value the work of the Regional State Administrative Agency in promoting legal protection, fundamental rights and fair and safe working environments. Without foreign labour, the forestry sector will not survive. Combating climate change requires healthy, well-managed forests, and Finnish resources are no longer sufficient to cope with this huge workload. Operators in many other sectors have reached the same conclusion. However, the client must take overall responsibility for ethical treatment of workers, regardless of whether they are Finnish or foreign.

### *Renewable energy and digital development*

During the first half of the year, Tornator once again signed several land lease agreements with energy operators for the development of wind and solar power. As a major landowner, Tornator is well placed to diversify its revenue streams while contributing to the green transition. Digital development has made Tornator's silviculture operations more efficient and improved risk management. The company has created a number of applications for large-scale forest ownership, both in-house and with consultancy partners. These include applications for road management, remote sensing of the need for tending of seedling stands, and biodiversity monitoring. Training in the use of AI is provided extensively to all personnel.

### *Good relations with financial markets*

To finance growth, Tornator has established and maintained good and diversified relationships with financiers. At the Capital Markets Day events and one-to-one meetings, Tornator has ensured that up-to-date information and views are communicated both to credit banks and debt capital investors. To reduce the market risk related to the timing of maturities, the company prepares for significant refinancing of loans well in advance. Thanks to interest rate hedges, changes in market interest rates do not fully affect the company's financing cost.

### *Investing in personnel*

Thanks to its profitable growth in recent years, Tornator has been able to recruit many new forestry professionals for various positions. Along with the forestland itself, skilled personnel are the company's most valuable asset, of which we want to take the best possible care. One important part of our growth strategy is personal growth, and projects related to improving well-being at work aim to continuously enhance the motivation, competence and job satisfaction of our personnel. In addition to the previous economic and environmental criteria, the long-term monetary incentive scheme was complemented by a social responsibility criterion, measured by the personnel's satisfaction with the company (employer net promoter score, eNPS).

### *Good outlook for the rest of the year*

Tornator's prospects for the remainder of 2024 look promising. Demand and prices for timber will remain good, and the company has secured cash flows through a long-term binding timber sales agreement. All of Tornator's personnel have shown that they are motivated and capable of managing the company's forests responsibly and with the highest degree of professionalism. Tornator is entering the final stretch of the current strategy period on a firm footing, and the success of the new strategy period will be ensured by involving all the personnel in its preparation. Tornator's vision is challenging but rewarding: we want to be the *forerunner in responsible use of forests*.

### **Effects of the war in Ukraine**

Russia's invasion of Ukraine and the consequent general economic instability did not have any major negative impact on Tornator's performance, balance sheet or cash flows. Tornator's turnover and operating profit were historically high during the reporting period. Cash flow from operating activities was also good. The company has not experienced an increase in credit losses or financial risks, nor a decrease in the value of its assets. The contractors used by Tornator have found replacement labour for the Ukrainian seasonal workers, so the forest management operations have not been jeopardised. We have facilitated aid deliveries to Ukrainians suffering from the Russian invasion through our Romanian subsidiary, and we will continue this support for as long as necessary.

### Notable events during the reporting period

Timber deliveries were well realised at approximately 1.5 million cubic metres (1.7) and €76.7 million (79.0). The improved outlook for the forestry industry, the raw material needs of the energy sector, and the decrease in imported wood on the market have increased the demand and price of renewable wood raw material. Thanks to excellent customer collaboration, the timber harvesting went smoothly, and the silviculture services business took a leap forward.

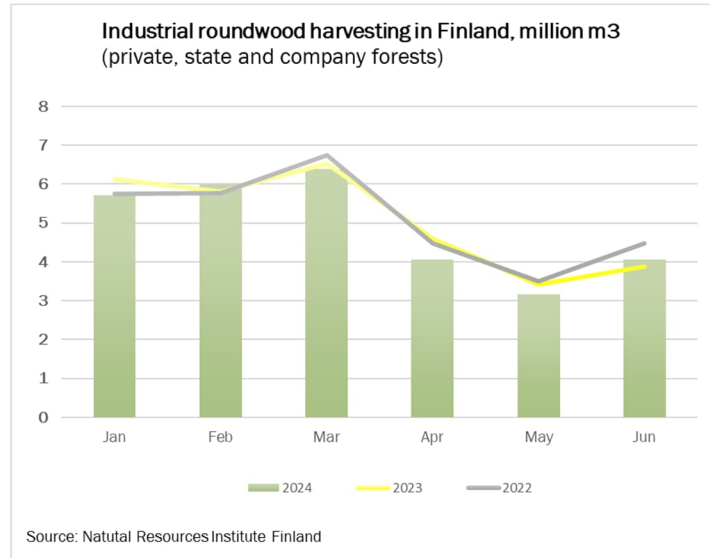


The turnover of silviculture services increased to €6.6 million (4.2). In total, the group recorded €1.9 million (1.0) in real estate turnover. Other income totalled €2.9 million (2.1).

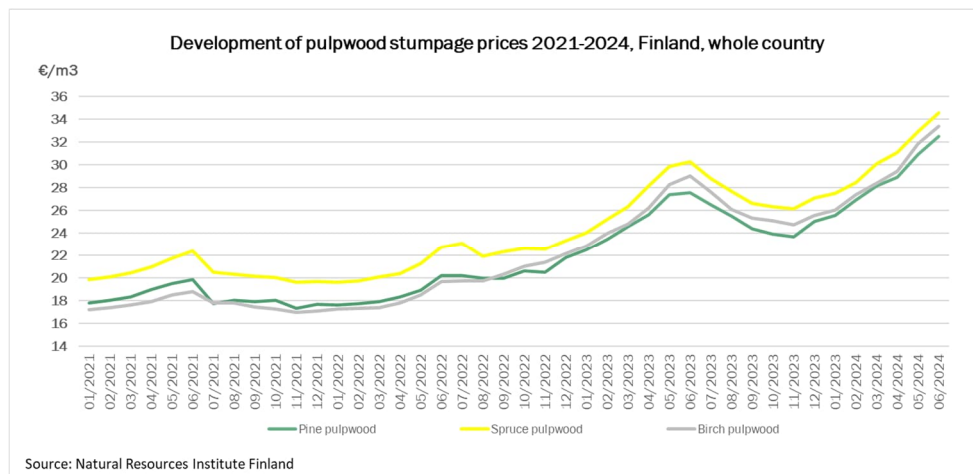
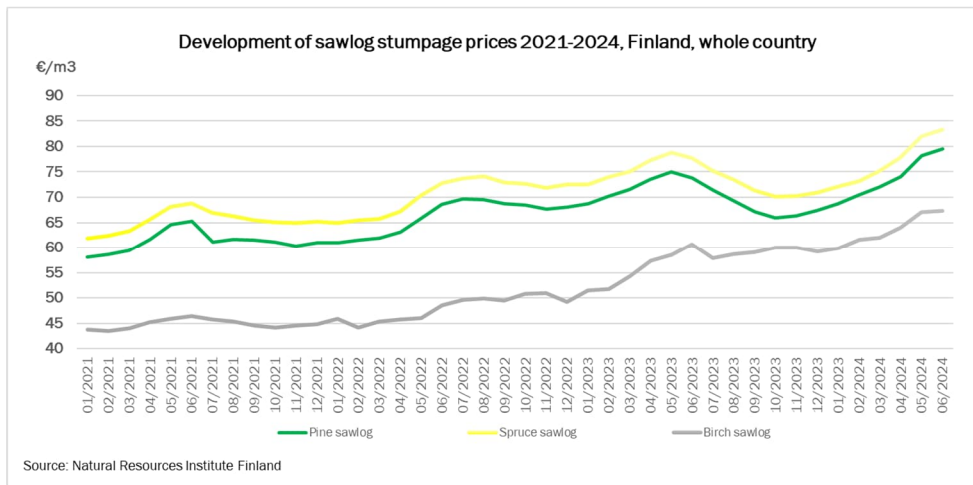
The impact on profit of the changes in the fair value of interest rate instruments was +€1.1 million (+2.6) from the beginning of the year. At the end of June, the fair value of interest rate derivatives was positive by €36.6 million (31 December 2023: +35.5). The fair value of forests at the end of June was €3,490.7 million (31 December 2023: 3,455.5)

### Business environment

At the beginning of the year, a global increase in demand for timber products pushed up the prices of both sawn timber and pulp. Approximately 29.4 million cubic metres of industrial wood was felled in Finland during the period between January and June. The felling volume was slightly less than in the corresponding period in 2023 (30.3 million m<sup>3</sup>).



The improved outlook for the forestry industry, the raw material needs of the energy sector, and the absence of imported wood from Russia in the market have led to a positive development in timber prices. Market prices for timber have risen to record highs since the beginning of the year. The average price of sawlogs in the period between January and June has been on average 5% higher than in the previous year, and the price of pulpwood log has been around 15% higher than in the previous year.



Demand for leisure building plots was modest. For forestland, supply continued to be lower than demand, although price increases were more moderate than in recent years.

In Estonia, the price level of timber fell clearly from the previous year. Prices in the forestland market remained high.

In Romania, the price level of timber fell clearly from the previous year. The forestland markets were quiet.

## Finance

The group's financial position remained good, and cash flow from operations before financial items was €34.8 million (47.5).

The group's net financing expenses during the period between January and June were -€11.9 (-8.5) million. Tornator's interest-bearing liabilities amounted to €954.9 million (31 December 2023: 947.7), of which long-term liabilities amounted to €649.4 million (31 December 2023: 849.0) and current liabilities to €305.5 million (31 December 2023: 98.8).

In the period under review, the net cash flow impact of the company's investments was -€21.3 million (-50.7). Cash flow from financing activities was -€28.2 million (+19.3). Liquid financial assets and cash and cash equivalents on 30 June 2024 amounted to €7.4 million (31 December 2023: 40.5). The company's bank account has an overdraft limit of €10 million, and the company also has a committed revolving credit facility of €200 million, available for withdrawal in full on the date of reporting. On the date of reporting, €107 million of Tornator's €300-million commercial paper programme is in use.

## Estimate of future development

Tornator estimates that its cash flow and debt service capacity will remain stable and solid for the rest of the year. The company will update its long-term sustainable planned cut in the autumn, and the annual fair value update of its forests will be carried out in the final quarter.

The forest industry is expected to continue its positive performance, and the demand for timber is expected to remain good. Market prices for timber are expected to remain at the current level, at least for the short term. In the forestland market, prices are likely to remain at the level of the early part of the year. Silviculture will be continued according to the normal annual cycle, and development projects for the digital roadmap will be carried out as planned.

## Decisions of the Annual General Meeting

The Annual General Meeting of Tornator Oyj, held on 8 March 2024, decided to distribute a dividend of no more than €7.0 per share, totalling €35 million, as proposed by the Board of Directors. In addition, the Annual General Meeting authorised the Board of Directors to decide on an additional dividend of the same amount during the remainder of 2024. No decision on the distribution of the additional dividend has been taken by the date of reporting. The Annual General Meeting approved the financial statements for the financial period 2023 and discharged the members of the Board of Directors and the CEO from liability. Furthermore, PricewaterhouseCoopers was elected as the auditor. The Annual General Meeting elected the following members and deputy members to the new Board of Directors:

<u>Ordinary member</u>	<u>Deputy member</u>
Hanna Kaskela	Sampsa Ratia
Tuomas Virtala	Erkko Ryyänen
Seppo Toikka	Jari Suvanto
Esko Torsti	Ilja Ripatti



## Organisation of the Board of Directors

On 8 March 2024, the new board elected Esko Torsti as the chairperson and Hanna Kaskela as the deputy chairperson. Tuomas Virtala was elected as a member of the Remuneration Committee in addition to the aforementioned two persons. The committee reports to the board. Hanna Kaskela was elected as the chairperson of the Oversight Committee, while Esko Torsti and Tuomas Virtala were elected as members and Seppo Toikka as a deputy member.

The minutes of the Annual General Meeting are available in full on the company's website at [www.tornator.fi/en/investors](http://www.tornator.fi/en/investors).

## Notable events after the end of the reporting period

No notable events took place after the end of the reporting period.

## Major shareholders, 30 June 2024

Shareholder	%
Stora Enso Oyj	41,00 %
Keskinäinen eläkevakuutusyhtiö Ilmarinen	23,13 %
Keskinäinen työeläkevakuutusyhtiö Varma	15,33 %
OP Henkivakuutus Oy	6,25 %
OP-Metsänomistaja -erikoissijoitusrahasto	5,00 %
OP-Eläkesäätiö	2,08 %
Pensionsförsäkringsaktiebolaget Veritas	2,50 %
Finnairin Eläkesäätiö	2,18 %
Pohjola Vakuutus Oy	1,04 %
Riffu Oy	0,75 %
Danilostock Oy	0,75 %
<b>Total</b>	<b>100,00 %</b>

## For further information, please contact:

Chief Executive Officer (CEO) Henrik Nieminen, tel. +358 40 869 7613

Chief Financial Officer (CFO) Antti Siirtola, tel. +358 40 773 0975

[www.tornator.fi/en](http://www.tornator.fi/en)

*Tornator is a leader in sustainable forestry in Europe. It owns forests in Finland, Estonia and Romania. In 2023, the group's turnover was approximately €195 million, and the balance sheet value was about €3.6 billion. The group has around 190 employees. Tornator's own employees, and other companies and their employees working on its forestland, add up to around 1,600 person-years of employment. The owners of the parent company are Finnish, mainly institutional investors. Tornator's mission is to generate sustainable wellbeing from forests.*

Tables – Condensed half-year financial statements and notes  
Condensed Consolidated Income Statement

EUR thousand	30 June 2024 (unaudited)	30 June 2023 (unaudited)	31 Dec 2023 (audited)
<b>Net sales</b>	<b>85,056</b>	<b>84,204</b>	<b>194,895</b>
Other operating income	3,269	4,391	4,895
Change in fair value of biological assets and harvesting	-498	63,420	295,747
Change in inventories of finished goods and work in progress	-459	-254	-544
Materials and services	-14,513	-12,437	-35,357
Personnel expenses	-5,692	-5,584	-11,036
Depreciation and amortisation	-1,674	-1,653	8,447
Reversal of impairment		3,400	
Other operating expenses	-4,684	-4,528	-14,160
<b>Operating profit</b>	<b>60,805</b>	<b>130,959</b>	<b>442,888</b>
Financial income	4,994	982	6,392
Financial expenses	-18,039	-12,088	-30,039
Change in fair value of financial instruments	1,111	2,636	-5,534
<b>Net financial items</b>	<b>-11,934</b>	<b>-8,470</b>	<b>-29,181</b>
<b>Profit before tax</b>	<b>48,871</b>	<b>122,490</b>	<b>413,708</b>
Income taxes	-9,019	-9,510	-19,163
Change in deferred taxes	269	-13,004	-53,900
<b>Profit for the period</b>	<b>40,121</b>	<b>99,976</b>	<b>340,644</b>
Distribution: To shareholders of the parent company	40,121	99,976	340,644
<b>Consolidated statement of comprehensive income</b>			
<b>Profit for the period</b>	<b>40,121</b>	<b>99,976</b>	<b>340,644</b>
<b>Other comprehensive income for the period after taxes:</b> <i>Items not recognised later through profit and loss</i>			
Other items of comprehensive income (after taxes)			-2
<i>Items that may later be recognised through profit and loss</i>			
Translation difference	-14	-29	-135
Revaluation of forest land	-11,796	2,137	-57,088
<b>Comprehensive income for the period total</b>	<b>28,311</b>	<b>102,084</b>	<b>283,419</b>
Distribution: To shareholders of the parent company	28,311	102,084	283,419

TORNATOR OYJ – HALF-YEAR REPORT  
1 Jan – 30 June 2024

**Condensed consolidated balance sheet**

EUR thousand	30 June 2024 (unaudited)	30 June 2023 (unaudited)	31 Dec 2023 (audited)
<b>ASSETS</b>			
<b>Non-current assets</b>			
Forest assets	3,490,743	3,219,492	3,455,543
Biological assets	3,183,580	2,844,251	3,139,184
Bare land	307,163	375,242	316,358
Other property, plant and equipment	15,805	15,737	16,306
Intangible assets	2,307	1,734	2,331
Right-of-use assets	1,606	1,820	1,818
Derivatives	36,632	43,692	35,516
Other investments	111	111	111
Non-current receivables	17,679	10,447	17,385
<b>Non-current assets total</b>	<b>3,564,884</b>	<b>3,293,034</b>	<b>3,529,010</b>
<b>Current assets</b>			
Inventories	67	90	55
Accounts receivable and other receivables	48,516	62,139	30,572
Investments		932	30,567
Cash and cash equivalents	7,368	5,604	40,500
<b>Current assets total</b>	<b>55,951</b>	<b>68,765</b>	<b>101,694</b>
<b>Total assets</b>	<b>3,620,835</b>	<b>3,361,799</b>	<b>3,630,705</b>
<b>EQUITY AND LIABILITIES</b>			
<b>Equity attributable to shareholders of the parent company</b>			
Share capital	50,000	50,000	50,000
Other equity	2,118,577	1,943,931	2,125,266
<b>Total equity</b>	<b>2,168,577</b>	<b>1,993,931</b>	<b>2,175,266</b>
<b>Liabilities</b>			
<b>Non-current liabilities</b>			
Deferred tax liabilities	455,322	433,361	458,541
Financial liabilities	649,432	799,103	848,959
Lease liabilities	1,399	1,578	1,565
Other non-current liabilities	148	186	148
<b>Non-current liabilities total</b>	<b>1,106,301</b>	<b>1,234,228</b>	<b>1,309,212</b>
<b>Current liabilities</b>			
Financial liabilities	305,484	98,351	98,771
Accounts payable and other payables	28,672	23,025	33,460
Income tax liabilities	611	1,646	1,829
Lease liabilities	320	340	357
Provisions	10,871	10,278	11,810
<b>Current liabilities total</b>	<b>345,958</b>	<b>133,640</b>	<b>146,227</b>
<b>Total liabilities</b>	<b>1,452,258</b>	<b>1,367,868</b>	<b>1,455,439</b>
<b>Total equity and liabilities</b>	<b>3,620,835</b>	<b>3,361,799</b>	<b>3,630,705</b>

Statement of changes in equity

EUR thousand						
	Share capital	Share premium	Translation difference	Revaluation reserve	Retained earnings	Total equity
<b>Equity 1 January 2024</b>	50,000	29,995	-11,012	154,336	1,951,946	2,175,265
<b>Comprehensive income</b>						
Profit for the period					40,121	40,121
<i>Other items of comprehensive income (after taxes)</i>						
Revaluation of forest land				-11,796		-11,796
Translation difference			-14			-14
<b>Comprehensive income for the period</b>			-14	-11,796	40,121	28,311
<b>Transactions with shareholders</b>						
Dividends paid					-35,000	-35,000
<b>Total transactions with shareholders</b>					-35,000	-35,000
<b>Equity 30 June 2024 (unaudited)</b>	50,000	29,995	-11,026	142,541	1,957,067	2,168,577
<b>Equity 1 January 2023</b>	50,000	29,995	-10,877	211,424	1,671,304	1,951,847
<b>Comprehensive income</b>						
Profit for the period					99,976	99,976
<i>Other items of comprehensive income (after taxes)</i>						
Translation difference			-29			-29
<b>Comprehensive income for the period</b>			-29	2,137	99,976	102,084
<b>Transactions with shareholders</b>						
Dividends paid					-60,000	-60,000
<b>Total transactions with shareholders</b>					-60,000.0	-60,000.0
<b>Equity 30 June 2023 (unaudited)</b>	50,000	29,995	-10,906	213,562	1,711,280	1,993,931
<b>Equity 1 January 2023</b>	50,000	29,995	-10,877	211,424	1,671,304	1,951,847
<b>Comprehensive income</b>						
Profit for the period					340,644	340,644
<i>Other items of comprehensive income (after taxes)</i>						
Revaluation of forest land				-57,088		-57,088
Items derived from the redefinition of net defined benefit liability (or asset items)					-2	-2
Translation difference			-135			-135
<b>Comprehensive income for the period</b>			-135	-57,088	340,642	283,419
<b>Transactions with shareholders</b>						
Dividends paid					-60,000	-60,000
<b>Total transactions with shareholders</b>					-60,000.0	-60,000.0
<b>Equity on 31 Dec 2023</b>	50,000	29,995	-11,012	154,336	1,951,946	2,175,265

## Condensed statement of cash flows

EUR thousand	1 Jan - 30 Jun 2024	1 Jan - 30 Jun 2023	1 Jan – 31 Dec 2023
<b>Cash flow from operating activities</b>			
Cash receipts from transactions in forestry	65,539	72,113	199,773
Cash receipts from transactions in land sales	1,859	968	1,828
Cash receipts from other operating income	4,080	3,152	6,096
Cash paid to suppliers and employees	-36,642	-28,737	-49,792
<b>Cash flow from operating activities before financial items and taxes</b>	<b>34,836</b>	<b>47,496</b>	<b>157,904</b>
Interest paid, interest-bearing debt	-11,902	-8,536	-24,990
Interest received		-142	-264
Other financial expenses	-1,223	-1,016	-2,916
Interest received, operating activities	1,698	788	2,728
Interest received, derivatives	3,251		3,226
Income taxes	-10,237	-20,783	-30,102
<b>Cash flow from operating activities</b>	<b>16,423</b>	<b>17,807</b>	<b>105,585</b>
<b>Cash flow from investing activities</b>			
Investments in biological assets	-45,312	-43,872	-106,786
Investments in tangible assets, forestland	-5,600	-5,422	-13,198
Investments in other tangible and intangible assets	-964	-868	-3,508
Investments in money market investments		-576	-30,212
Proceeds from sale of money market investments	30,567		
<b>Cash flow from investing activities</b>	<b>-21,310</b>	<b>-50,738</b>	<b>-153,704</b>
<b>Cash flow from financing activities</b>			
Withdrawal of long-term loans			100,001
Withdrawal of short-term loans	6,933	79,485	29,754
Repayment of leasing liabilities	-178	-174	-353
Dividends paid	-35,000	-60,000	-60,000
<b>Cash flow from financing activities</b>	<b>-28,244</b>	<b>19,311</b>	<b>69,402</b>
<b>Net increase/decrease in cash and cash equivalents</b>	<b>-33,132</b>	<b>-13,620</b>	<b>21,284</b>
Cash and cash equivalents at beginning of period	40,500	19,244	19,244
Effect of exchange rate changes on cash and cash equivalents	-1	-21	-28
<b>Cash and cash equivalents at end of period</b>	<b>7,368</b>	<b>5,604</b>	<b>40,500</b>

## Notes to the half-year report

### General Information

Tornator Oyj (Tornator or the company) with its subsidiaries (together, the Group) is a leading company specialised in sustainable forest management in Europe. Tornator's main business is wood production and the sale of cutting rights. It also provides forest management and silviculture services, sells land for recreational use and buys forestland. The Group's main market is Finland, but it also owns forestland in Estonia and Romania. All Tornator Group's forests are FSC® certified. Forestland is split between countries as follows: Finland 697 000 (31 December 2023: 683 000), Estonia 65 000 (65 000) and Romania 12 000 (12 000) hectares. Average number of personnel during the financial period was 187 (188).

*Finland FSC-C123368*

*Estonia FSC-C132610*

*Romania FSC-C132426*

The Group's Half-year financial report for the six months ended 30 June 2024 has been prepared in accordance with the international financial reporting standard IAS 34 Interim Financial Reporting. The half-year report should be read in conjunction with the annual financial statements for the year ended 31 December 2023, which have been prepared in accordance with the International Financial Reporting Standards, IFRS. The following subsidiaries engaged in wind power development were merged with the parent company 31 December 2023.

- Lavakorven Tuulipuisto Oy, merged with Tornator Oyj 31 December 2023
- Maaselän Tuulipuisto Oy, merged with Tornator Oyj 31 December 2023
- Martimon Tuulipuisto Oy, merged with Tornator Oyj 31 December 2023
- Niinimäen Tuulipuisto Oy, merged with Tornator Oyj 31 December 2023
- Pahkavaaran Tuulipuisto Oy, merged with Tornator Oyj 31 December 2023

The accounting policies adopted are consistent with those of the previous financial year, except for new IFRS standards which have been adopted for financial periods beginning on or after 1 January 2024. Annual amendments to IFRS have had no effects on the preparation of the Half-year report for the period ended 30 June 2024.

The preparation of the Half-year report requires management to make certain estimates and assumptions. Making of these assumptions and estimates has an impact on the assets and liabilities reported on the balance sheet date, the presentation of contingent assets and liabilities in the notes and the income and expenses reported for the half-year period. These estimates are based on the management's best knowledge of the events; thus, the final actual results may differ from the estimates made.

In preparing the Half-year report, the significant judgements made by management in applying the accounting policies and the key sources of estimation uncertainty were the same as those that applied to the consolidated financial statements for the year ended 31 December 2023.

The amounts presented in this half-year report are rounded, so the sums of individual amounts may differ from the total amounts reported.

### Operating segments

The Group's main business is wood production and the sale of cutting rights to planned harvesting sites covering normal felling methods and wood assortments. The Group's operations are managed and monitored as a whole and the Group only has one operating segment. Therefore, operating segment information is not presented as it would re-present the income statement and the balance sheet.

Timber delivery (= a customer harvests marked stands and gains ownership of the timber) represented 90.2% of total revenues (93.8 % 1 Jan - 30 June 2023).

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The following tables present the geographical distribution of revenues and non-current assets. Sales are allocated to countries on the basis of the geographical location of forests:

	1 Jan - 30 Jun 2024		1 Jan - 30 Jun 2023		1 Jan - 31 Dec 2023	
Revenues:	EUR thousand	%	EUR thousand	%	EUR thousand	%
Finland	77,257	90.8	71,075	84.4	172,660	88.6
Romania and Estonia	7,798	9.2	13,129	15.6	22,235	11.4
<b>Total</b>	<b>85,056</b>	<b>100.0</b>	<b>84,204</b>	<b>100.0</b>	<b>194,895</b>	<b>100.0</b>

	30 Jun 2024		30 Jun 2023		31 Dec 2023	
Biological assets:	EUR thousand	%	EUR thousand	%	EUR thousand	%
Finland	3,214,519	92.1	2,984,377	92.7	3,180,835	92.1
Romania and Estonia	276,224	7.9	235,115	7.3	274,708	7.9
<b>Total</b>	<b>3,490,743</b>	<b>100.0</b>	<b>3,219,492</b>	<b>100.0</b>	<b>3,455,543</b>	<b>100.0</b>

## Forest assets

The value of forest assets comprises growing stock (biological assets) and the value of the land area.

	Biological assets		
EUR thousand	30 June 2024	30 June 2023	31 Dec 2023
<b>Value at the beginning of the period</b>	<b>3,139,184</b>	<b>2,737,264</b>	<b>2,737,264</b>
Harvesting	-70,530	-70,037	-141,888
Change in fair value of biological assets and growth	70,032	133,458	437,635
<b>Change in Income statement</b>	<b>-498</b>	<b>63,420</b>	<b>295,747</b>
Purchases	45,312	43,872	106,908
Sales	-408	-220	-477
Translation difference	-10	-85	-256
<b>Value at the end of the period</b>	<b>3,183,580</b>	<b>2,844,251</b>	<b>3,139,184</b>

	Land areas		
EUR thousand	30 June 2024	30 June 2023	31 Dec 2023
<b>Value at the beginning of the period</b>	<b>316,358</b>	<b>363,785</b>	<b>363,785</b>
Reversal of amortisation of land areas		3,400	11,720
<b>Change in Income statement</b>		<b>3,400</b>	<b>11,720</b>
Revaluation of land areas, other comprehensive income	-14,744	2,672	-72,270
Purchases	5,600	5,422	13,213
Sales	-50	-27	-59
Translation difference	-1	-11	-32
<b>Value at the end of the period</b>	<b>307,163</b>	<b>375,242</b>	<b>316,358</b>

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EUR thousand	Total forest assets		
	30 June 2024	30 June 2023	31 Dec 2023
<b>Value at the beginning of the period</b>	<b>3,455,543</b>	<b>3,101,049</b>	<b>3,101,049</b>
Harvesting	-70,530	-70,037	-141,888
Change in fair value of biological assets and growth	70,032	133,458	437,635
Reversal of amortisation of land areas		3,400	11,720
<b>Change in Income statement</b>	<b>-498</b>	<b>66,820</b>	<b>307,467</b>
Revaluation of land areas, other comprehensive income	-14,744	2,672	-72,270
Purchases	50,913	49,294	120,121
Sales	-459	-247	-536
Translation difference	-12	-96	-288
<b>Value at the end of the period</b>	<b>3,490,743</b>	<b>3,219,492</b>	<b>3,455,543</b>

### Property, Plant and Equipment

EUR thousand	Buildings	Machinery and equipment	Roads and ditches	Purchases in progress	Total
<b>Acquisition cost at 1 January 2024</b>	<b>1,771</b>	<b>3,225</b>	<b>41,476</b>	<b>3,420</b>	<b>49,892</b>
Translation difference	3	0	-1	0	2
Increases	3	57	589	792	1,441
Decreases				-803	-803
<b>Acquisition cost at 30 June 2024</b>	<b>1,777</b>	<b>3,282</b>	<b>42,065</b>	<b>3,409</b>	<b>50,532</b>
<b>Accrued depreciation and impairment</b>					
Accrued depreciation and impairment at 1 January 2024	-811	-2,888	-29,887		-33,586
Depreciation and amortisation expense and impairments	-44	-77	-1,020		-1,141
<b>Accrued depreciation and impairment at 30 June 2024</b>	<b>-855</b>	<b>-2,965</b>	<b>-30,907</b>		<b>-34,727</b>
<b>Book value at 30 June 2024</b>	<b>922</b>	<b>317</b>	<b>11,158</b>	<b>3,409</b>	<b>15,805</b>
Book value at 1 January 2024	959	337	11,589	3,420	16,306



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EUR thousand	Buildings	Machinery and equipment	Roads and ditches	Purchases in progress	Total
<b>Acquisition cost at 1 January 2023</b>	<b>1,774</b>	<b>3,105</b>	<b>39,293</b>	<b>3,104</b>	<b>47,276</b>
Translation difference	-2	27	-1	0	24
Increases		34	314	822	1,170
Decreases		-12		-199	-212
<b>Acquisition cost at 30 June 2023</b>	<b>1,772</b>	<b>3,153</b>	<b>39,606</b>	<b>3,727</b>	<b>48,258</b>
<b>Accrued depreciation and impairment</b>					
Accrued depreciation and impairment at 1 January 2023	-730	-2,740	-27,799		-31,269
Depreciation and amortisation expense and impairments	-41	-70	-1,071	-70	-1,252
<b>Accrued depreciation and impairment at 30 June 2023</b>	<b>-771</b>	<b>-2,811</b>	<b>-28,870</b>	<b>-70</b>	<b>-32,521</b>
<b>Book value at 30 June 2023</b>	<b>1,001</b>	<b>343</b>	<b>10,736</b>	<b>3,657</b>	<b>15,737</b>
Book value at 1 January 2023	1,043	365	11,494	3,104	16,006

EUR thousand	Buildings	Machinery and equipment	Roads and ditches	Purchases in progress	Total
<b>Acquisition cost at 1 January 2023</b>	<b>1,774</b>	<b>3,105</b>	<b>39,293</b>	<b>3,104</b>	<b>47,276</b>
Translation difference	-3	-1	-4	-1	-9
Increases		134	2,188	3,152	5,473
Decreases		-12		-2,835	-2,848
<b>Acquisition cost at 31 December 2023</b>	<b>1,771</b>	<b>3,225</b>	<b>41,476</b>	<b>3,420</b>	<b>49,892</b>
<b>Accrued depreciation and impairment</b>					
Accrued depreciation and impairment at 1 January 2023	-730	-2,740	-27,799		-31,269
Depreciation and amortisation expense and impairments	-81	-148	-2,088		-2,317
<b>Accrued depreciation and impairment at 31 December 2023</b>	<b>-811</b>	<b>-2,888</b>	<b>-29,887</b>		<b>-33,586</b>
<b>Book value at 31 December 2023</b>	<b>959</b>	<b>337</b>	<b>11,589</b>	<b>3,420</b>	<b>16,306</b>
Book value at 1 January 2023	1,043	365	11,494	3,104	16,006

## Intangible assets

EUR thousand	ICT software	Other intangible rights	Total
<b>Acquisition cost at 1 January 2024</b>	<b>11,764</b>	<b>82</b>	<b>11,846</b>
Translation difference	-13		-13
Increases	337		337
Decreases			
<b>Acquisition cost at 30 June 2024</b>	<b>12,088</b>	<b>82</b>	<b>12,170</b>
<b>Accrued depreciation and impairment</b>			
Accrued depreciation and impairment at 1 January 2024	-9,433	-82	-9,515
Depreciation and amortization expense and impairments	-347		-347
<b>Accrued depreciation and impairment at 30 June 2024</b>	<b>-9,779</b>	<b>-82</b>	<b>-9,861</b>
<b>Book value at 30 June 2024</b>	<b>2,308</b>		<b>2,308</b>
Book value at 1 January 2024	2,331		2,331

EUR thousand	ICT software	Other intangible rights	Total
<b>Acquisition cost at 1 January 2023</b>	<b>10,835</b>	<b>82</b>	<b>10,917</b>
Translation difference	-27		-27
Increases	58		58
Decreases			
<b>Acquisition cost at 30 June 2023</b>	<b>10,866</b>	<b>82</b>	<b>10,948</b>
<b>Accrued depreciation and impairment</b>			
Accrued depreciation and impairment at 1 January 2023	-8,851	-82	-8,933
Depreciation and amortization expense and impairments	-280		-280
<b>Accrued depreciation and impairment at 30 June 2023</b>	<b>-9,132</b>	<b>-82</b>	<b>-9,214</b>
<b>Book value at 30 June 2023</b>	<b>1,734</b>		<b>1,734</b>
Book value at 1 January 2023	1,378		1,378

EUR thousand	ICT software	Other intangible rights	Total
<b>Acquisition cost at 1 January 2023</b>	<b>10,835</b>	<b>82</b>	<b>10,917</b>
Translation difference	-1		-1
Increases	930		930
Decreases			
<b>Acquisition cost at 31 December 2023</b>	<b>11,764</b>	<b>82</b>	<b>11,846</b>
<b>Accrued depreciation and impairment</b>			
Accrued depreciation and impairment at 1 January 2023	-8,851	-82	-8,933
Depreciation and amortization expense and impairments	-581		-581
<b>Accrued depreciation and impairment at 31 December 2023</b>	<b>-9,433</b>	<b>-82</b>	<b>-9,515</b>
<b>Book value at 31 December 2023</b>	<b>2,331</b>		<b>2,331</b>
Book value at 1 January 2023	1,984		1,984

Right-of-use assets

EUR thousand	Office space	Machinery and equipment	Right-of-use assets, total
<b>Acquisition cost on 1 January 2024</b>	<b>2,254</b>	<b>1,376</b>	<b>3,630</b>
Increases			
Decreases	-24	-1	-26
<b>Acquisition cost on 30 June 2024</b>	<b>2,230</b>	<b>1,374</b>	<b>3,604</b>
<b>Accrued depreciation and impairment</b>			
Accrued depreciation and impairment on 1 January 2024	-900	-911	-1,811
Depreciation expense and impairment	-68	-118	-186
<b>Accrued depreciation and impairment at 30 June 2024</b>	<b>-969</b>	<b>-1,029</b>	<b>-1,997</b>
<b>Book value at 30 June 2024</b>	<b>1,261</b>	<b>345</b>	<b>1,607</b>

EUR thousand	Office space	Machinery and equipment	Right-of-use assets, total
<b>Acquisition cost at 1 January 2023</b>	<b>2,092</b>	<b>1,256</b>	<b>3,348</b>
Increases	236	3	239
Decreases	-145	0	-145
<b>Acquisition cost on 30 June 2023</b>	<b>2,182</b>	<b>1,259</b>	<b>3,441</b>
<b>Accrued depreciation and impairment</b>			
Accrued depreciation and impairment on 1 January 2021	-761	-676	-1,437
Depreciation expense and impairment	-69	-116	-184
<b>Accrued depreciation and impairment on 30 June 2023</b>	<b>-830</b>	<b>-792</b>	<b>-1,621</b>
<b>Book value on 30 June 2023</b>	<b>1,353</b>	<b>467</b>	<b>1,820</b>

EUR thousand	Office space	Machinery and equipment	Right-of-use assets, total
<b>Acquisition cost on 1 January 2023</b>	<b>2,092</b>	<b>1,256</b>	<b>3,348</b>
Increases	333	119	453
Decreases	-171		-171
<b>Acquisition cost on 31 December 2023</b>	<b>2,254</b>	<b>1,376</b>	<b>3,630</b>
<b>Accrued depreciation and impairment</b>			
Accrued depreciation and impairment on 1 January 2023	-761	-676	-1,437
Depreciation expense and impairment	-140	-235	-375
<b>Accrued depreciation and impairment on 31 December 2023</b>	<b>-900</b>	<b>-911</b>	<b>-1,811</b>
<b>Book value on 31 December 2023</b>	<b>1,354</b>	<b>465</b>	<b>1,819</b>

### Financial liabilities

EUR thousand	1 January 2024	Cash flow from financing activities	Financial expenses	Fair value changes	30 June 2024
Bonds	448,842		150		448,992
Loans from financial institutions	400,140		103		400,243
Commercial paper	98,748	6,933			105,681
<b>Yhteensä</b>	<b>947,730</b>	<b>6,933</b>	<b>253</b>		<b>954,916</b>
Lease liabilities	1,922	-178			1,718
<b>Financial liabilities total</b>	<b>949,652</b>	<b>6,756</b>	<b>253</b>		<b>956,634</b>

EUR thousand	1 January 2023	Cash flow from financing activities	Financial expenses	Fair value changes	30 June 2023
Bonds	349,024		127		349,152
Loans from financial institutions	400,049	50,485	-77		450,458
Commercial paper	68,994	29,000	-150		97,845
<b>Yhteensä</b>	<b>818,068</b>	<b>79,485</b>	<b>-99</b>		<b>897,454</b>
Lease liabilities	1,998	-174		93	1,918
<b>Financial liabilities total</b>	<b>820,066</b>	<b>79,311</b>	<b>-99</b>	<b>93</b>	<b>899,372</b>

EUR thousand	1 January 2023	Cash flow from financing activities	Financial expenses	Fair value changes	31 December 2023
Bonds	349,024	100,000	-183	-	448,842
Loans from financial institutions	400,049	1	168	-78	400,140
Commercial paper	68,994	29,754		-	98,748
<b>Yhteensä</b>	<b>818,068</b>	<b>129,755</b>	<b>-14</b>	<b>-78</b>	<b>947,730</b>
Lease liabilities	1,998	-353		276	1,922
<b>Financial liabilities total</b>	<b>820,066</b>	<b>129,402</b>	<b>-14</b>	<b>198</b>	<b>949,652</b>

### Lease Liabilities

EUR thousand	30 June 2024	30 June 2023	31 December 2023
Non-current	1,399	1,578	1,565
Current	320	340	357
<b>Total</b>	<b>1,718</b>	<b>1,918</b>	<b>1,922</b>

## Derivatives

Tornator uses derivative contracts to hedge against interest rate risk. During the reporting period Tornator replaced old, long-term interest rate swaps with new interest rate cap options that have shorter maturity

### Fair value of derivatives

EUR thousand	30 June 2024			30 June 2023	31 December 2023
	Assets	Liabilities	Net	Net	Net
Interest rate swaps	-	-	-	-	-
Interest rate options	36,632	-	36,632	43,692	35,516
<b>Total fair values of derivatives</b>	<b>36,632</b>	<b>-</b>	<b>36,632</b>	<b>43,692</b>	<b>35,516</b>

### Nominal value of derivatives

EUR thousand	30 June 2024	30 June 2023	31 December 2023
Interest rate swaps	-	-	-
Interest rate options	170,000	170,000	170,000
<b>Total fair values of derivatives</b>	<b>170,000</b>	<b>170,000</b>	<b>170,000</b>

### Change in fair value of interest rate derivatives during the reporting period

EUR thousand	30 June 2024	30 June 2023	31 December 2023
<b>Derivatives at the beginning of the period</b>	<b>35,516</b>	<b>40,731</b>	<b>40,731</b>
<b>Changes</b>			
<b>Income statement:</b>			
Interest rate swaps, fair value change	-	6,655	6,903
Interest rate options, fair value change	1,111	-3,988	-12,437
Portion of the change in accrued interest*	4	293	319
<b>Effect in income statement (changes in total)</b>	<b>1,115</b>	<b>2,960</b>	<b>-5,215</b>
<b>Derivatives at the end of the period</b>	<b>36,632</b>	<b>43,692</b>	<b>35,516</b>

\* Included in financial expenses in the income statement

Book values and fair values of financial assets and liabilities by category at 30 June 2024

EUR thousand	Amortised cost	Fair value through income statement	Book value	Fair value
<b>Non-current</b>				
Unlisted shares		111	111	111
Derivatives		36,632	36,632	36,632
Additional purchase price of wind power transactions		17,679	17,679	17,679
<b>Total</b>		<b>54,422</b>	<b>54,422</b>	<b>54,422</b>
<b>Current</b>				
Accounts receivable	48,268		48,268	48,268
Cash and cash equivalents	7,368		7,368	7,368
<b>Total</b>	<b>55,636</b>		<b>55,636</b>	<b>55,636</b>
<b>Financial liabilities</b>				
EUR thousand	Amortised cost	Fair value through income statement	Book value	Fair value
<b>Non-current</b>				
Interest-bearing debt	649,432		649,432	631,815
<b>Total</b>	<b>649,432</b>		<b>649,432</b>	<b>631,815</b>
<b>Current</b>				
Current portion of long-term interest-bearing debt				
Interest-bearing debt	305,484		305,484	306,197
Accounts payable	4,859		4,859	4,859
<b>Total</b>	<b>310,343</b>		<b>310,343</b>	<b>311,057</b>

Book values and fair values of financial assets and liabilities by category at 30 June 2023

Financial assets

EUR thousand	Amortised cost	Fair value through income statement	Book value	Fair value
<b>Non-current</b>				
Unlisted shares		111	111	111
Derivatives		43 692	43 692	43 692
Additional purchase price receivable of wind power transactions		10 447	10 447	10 447
<b>Total</b>		<b>54 250</b>	<b>54 250</b>	<b>54 250</b>
<b>Current</b>				
Investments in money market funds		932	932	932
Accounts receivable	46 627		46 627	46 627
Additional purchase price receivable of wind power transactions		15 120	15 120	15 120
Cash and cash equivalents	5 604		5 604	5 604
<b>Total</b>	<b>52 231</b>	<b>16 052</b>	<b>68 282</b>	<b>68 282</b>

Financial liabilities

EUR thousand	Amortised cost	Fair value through income statement	Book value	Fair value
<b>Non-current</b>				
Interest-bearing debt	799 103		799 103	767 151
<b>Total</b>	<b>799 103</b>		<b>799 103</b>	<b>767 151</b>
<b>Current</b>				
Interest-bearing debt	98 351		98 351	98 351
Accounts payable	4 981		4 981	4 981
<b>Total</b>	<b>103 333</b>		<b>103 333</b>	<b>103 333</b>

**Book values and fair values of financial assets and liabilities by category at 31 December 2023**

**Financial assets**

EUR thousand	Amortised cost	Fair value through income statement	Book value	Fair value
<b>Non-current</b>				
Unlisted shares		111	111	111
Derivatives		35,516	35,516	35,516
Additional purchase price of wind power transactions		17,385	17,385	17,385
<b>Total</b>		<b>53,012</b>	<b>53,012</b>	<b>53,012</b>
<b>Current</b>				
Investments in money market funds		567	567	567
Investments in money market deposits	30,000		30,000	30,000
Accounts receivable	29,991		29,991	29,991
Cash and cash equivalents	40,500		40,500	40,500
<b>Total</b>	<b>100,491</b>	<b>567</b>	<b>101,058</b>	<b>101,058</b>

**Financial liabilities**

EUR thousand	Amortised cost	Fair value through income statement	Book value	Fair value
<b>Non-current</b>				
Interest-bearing debt	848,959		848,959	832,300
<b>Total</b>	<b>848,959</b>	<b>0</b>	<b>848,959</b>	<b>832,300</b>
<b>Current</b>				
Interest-bearing debt	98,771		98,771	98,771
Accounts payable	1,324		1,324	1,324
<b>Total</b>	<b>100,095</b>		<b>100,095</b>	<b>100,095</b>

**Fair value hierarchy of assets and liabilities valued at fair value**

The fair values for level 1 are based on the quoted prices of similar assets or liabilities in active markets.

The fair values for level 2 instruments, in turn, are based largely on input data other than quoted prices used for level 1. The used information is, however, observable from the market either directly (i.e. as prices) or indirectly (i.e. derived from prices). The Group generally determines the fair value of these instruments using generally accepted valuation models, utilising input data that is largely based on verifiable market data. The fair value of derivatives has been determined as the present value of cash flows arising from the respective contracts.

The fair values of level 3 instruments are calculated based on the input data regarding the asset or liability. This input data is not based on verifiable market data, but rather rests largely on management estimates and utilising these estimates using generally accepted valuation models.

The determination of fair values are described in a more detailed in Financial Statements. During the reporting period, there were no transfers made between fair value hierarchy levels 1 and 2, nor to or away from level 3.



TORNATOR OYJ – HALF-YEAR REPORT  
1 Jan – 30 June 2024

The principle of the group is that any changes in the classification of items to be recorded at fair value are made at the end of the reporting period

<b>30 June 2024</b>				
EUR thousand	Level 1	Level 2	Level 3	Total
<b>Assets</b>				
Forest assets			3,490,743	3,490,743
Receivables				
Additional purchase price of wind power transactions			17,679	17,679
Derivatives		36,632		36,632
Investments				
Unlisted shares			111	111
Investments in money market funds				
<b>Total assets</b>		<b>36,632</b>	<b>3,508,534</b>	<b>3,545,165</b>

<b>30 June 2023</b>				
EUR thousand	Level 1	Level 2	Level 3	Total
<b>Assets</b>				
Forest assets			3,219,492	3,219,492
Receivables				
Additional purchase price of wind power transactions			20,893	20,893
Derivatives		43,692		43,692
Investments				
Unlisted shares			111	111
Investments in money market funds	932			932
<b>Total assets</b>	<b>932</b>	<b>43,692</b>	<b>3,240,497</b>	<b>3,285,121</b>

<b>31 Dec 2023</b>				
EUR thousand	Level 1	Level 2	Level 3	Total
<b>Assets</b>				
Forest assets			3,455,543	3,455,543
Receivables				
Additional purchase price of wind power transactions			17,385	17,385
Derivatives		35,516		35,516
Investments				
Unlisted shares			111	111
Investments in money market funds	567			567
<b>Total assets</b>	<b>567</b>	<b>35,516</b>	<b>3,473,039</b>	<b>3,509,122</b>

### Related party transactions

The following transactions were carried out with related parties:

Stora Enso Group owns 41% of the parent company Tornator's shares, which gives Stora Enso significant influence within the Group. The following transactions were carried out with Stora Enso:

EUR thousand	30 June 2024	30 June 2023	31 Dec 2023
Sales	75,137	63,721	180,259
Purchases	5	1	32
Receivables	46,980	38,532	27,960
Liabilities	9,164	4,773	8,357

Related party transactions occurred under the same terms and conditions as transactions between unrelated parties.

### Employment benefits of management

EUR thousand	30 June 2024	30 June 2023	31 Dec 2023
Total paid remuneration for management team	857	978	1,317
Total amount was divided to following items			
Short term employment benefits	705	807	1,110
Post-employment benefits	213	171	263
Other long term employment benefits			
Board remuneration	37	26	53

### Other collateral pledged by the Group on its own behalf

The group has pledged forest assets located in Finland as collateral for debts and has agreed with a financial institution on a limit to cover rental deposits and to verify soil remediation, which has been used as follows:

	30 June 2024	30 June 2023	31 Dec 2023
Pledged land-areas and biological assets, m€	2,470	1,978	2,470
Bank guarantee limit, 1000 euro	253	204	252

At 30 June 2024 Tornator's lease liabilities from short-term lease contracts amount to EUR 20 thousand. At 30 June 2024 Tornator's lease liabilities from low-value lease contracts amount to EUR 60 thousand.