# Aydem Yenilenebilir Enerji Anonim Şirketi and Its Subsidiaries

Interim Condensed Consolidated Financial Statements As At and For The Six – Month Period Ended 30 June 2023 Together With Independent Auditor's Review Report

# Aydem Yenilenebilir Enerji Anonim Şirketi and Its Subsidiaries

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(Convenience translation of a report and condensed consolidated financial statements originally issued in Turkish)

Report on Review of Interim Condensed Consolidated Financial Statements

To the Board of Directors of Aydem Yenilenebilir Enerji Anonim Şirketi

#### Introduction

We have reviewed the accompanying interim condensed consolidated statement of financial position of Aydem Yenilenebilir Enerji Anonim Sirketi (the Company) and its subsidiaries (the Group) as of June 30, 2023 and the interim condensed consolidated statement of profit or loss and other comprehensive income, consolidated statement of changes in equity and the consolidated statement of cash flows for the six-month period then ended, and explanatory notes. Group management is responsible for the preparation and presentation of these interim condensed consolidated financial statements in accordance with Turkish Accounting Standard 34, Interim Financial Reporting (TAS 34). Our responsibility is to express a conclusion on these interim condensed consolidated financial statements based on our review.

#### Scope of Review

We conducted our review in accordance with the Standard on Review Engagements (SRE) 2410 "Review of Interim Financial Information Performed by the Independent Auditor of the Entity". A review of interim financial information consists of making inquiries, primarily of persons responsible for financial and accounting matters, and applying analytical and other review procedures. A review of interim financial information is substantially less in scope than an audit conducted in accordance with Independent Auditing Standards and the objective of which is to express an opinion on the financial statements. Consequently, a review of the interim financial information does not provide assurance that the audit firm will be aware of all significant matters that might be identified in an audit. Accordingly, we do not express an audit opinion.

#### Matter of emphasis

We draw attention to Note 2.12 that describes the reissuance of the the financial statements as of June 30, 2023 on which we had previously issued our review conclusion dated August 15, 2023. Our review conclusion is not modified in respect of this matter.

#### Conclusion

Based on our review, nothing has come to our attention that causes us to believe that the accompanying interim condensed consolidated financial statements are not prepared, in all material respects, in accordance with TAS 34.

Güney Bağımsız Denetim ve Serbest Muhasebeci Mali Müşavirlik Anonim Şirketi A member firm of Ernst & Young Global Limited

Onur Ünal, SMMM Partner

17 August 2023 İstanbul, Türkiye

# Aydem Yenilenebilir Enerji Anonim Şirketi and Its Subsidiaries Interim condensed consolidated statement of financial position as at 30 June 2023

(Amounts expressed in Turkish Lira (TL), unless otherwise indicated)

		Reviewed	Audited
	Notes	30 June 2023	31 December 2022
ASSETS			
Current Assets			
Cash and Cash Equivalents	3	1,879,401,741	1,293,793,214
Derivative Assets		10,495,598	-
Financial Investments	18	1,052,375,379	355,344,664
Trade Receivables		1,246,576,357	1,304,097,762
- Due from Related Parties	5	1,204,717,207	1,232,399,579
- Due from Third Parties	6	41,859,150	71,698,183
Other Receivables		62,560,919	65,474,749
- Due from Related Parties	5	49,626,464	35,007,156
- Due from Third Parties	7	12,934,455	30,467,593
Inventories	8	11,264,206	8,961,584
Prepaid Expenses	17	56,403,109	20,098,838
Other Current Assets	13.1	22,137	51,062
TOTAL CURRENT ASSETS		4,319,099,446	3,047,821,873
N G			
Non-Current Assets			
Other Receivables		2,350,703	1,551,818
- Other Receivables due from Third Parties	7	2,350,703	1,551,818
Property, Plant and Equipments	9.1	31,659,812,493	31,516,128,533
Right of Use Assets	9.2	151,431,120	119,616,453
Intangible Assets	10	288,904,185	293,108,113
Investment Properties		-	10,131,324
Prepaid Expenses	17	615,643,553	390,314,940
Other Non-current Assets	13.2	32,723,346	11,032,099
7TOTAL NON-CURRENT ASSETS		32,750,865,400	32,341,883,280
TOTAL ASSETS		37,069,964,846	35,389,705,153

# Aydem Yenilenebilir Enerji Anonim Şirketi and Its Subsidiaries Interim condensed consolidated statement of financial position as at 30 June 2023

(Amounts expressed in Turkish Lira (TL), unless otherwise indicated)

		Reviewed	Audited
	Notes	30 June 2023	31 December 2022
LIABILITIES			
Current Liabilities			
Short-term portion of Long-term Financial Liabilities	14.1	1,358,148,049	1,005,910,538
Lease Liabilities	14.2	18,308,852	5,439,020
Trade Payables		600,127,713	475,174,256
- Due to Related Parties	5	2,286,744	7,724,157
- Due to Third Parties	6	597,840,969	467,450,099
Liabilities for Employee Benefits	12	10,197,301	3,332,249
Other Payables		236,074	235,708
- Due to Third Parties		236,074	235,708
Current Provisions		40,928,587	35,058,175
- Provisions for Employee Benefits	11.1	24,630,593	22,597,724
- Other Short-term Provisions	11.1	16,297,994	12,460,451
Other Current Liabilities	13.3	194,241,422	72,995,119
TOTAL CURRENT LIABILITIES		2,222,187,998	1,598,145,065
Non-Current Liabilities			
Financial Liabilities	14.1	16,792,779,464	12,181,302,520
Lease Liabilities	14.2	43,309,659	25,138,096
Other Payables		44,977,201	40,210,706
- Due to Related Parties	5	44,977,201	40,210,706
Non-current Provisions		62,823,515	34,742,233
- Provisions for Employee Benefits	11.4	62,823,515	34,742,233
Deferred Tax Liabilities	20	3,840,251,140	4,431,914,609
TOTAL NON-CURRENT LIABILITIES		20,784,140,979	16,713,308,164
TOTAL LIABILITIES		23,006,328,977	18,311,453,229

# Aydem Yenilenebilir Enerji Anonim Şirketi and Its Subsidiaries Interim condensed consolidated statement of financial position as at 30 June 2023

(Amounts expressed in Turkish Lira (TL), unless otherwise indicated)

		Reviewed	Audited
	Notes	30 June 2023	31 December 2022
EQUITY			
Paid-in Capital		705,000,000	705,000,000
Share Premiums		186,171,649	186,171,649
Treasury Shares		(76,400,088)	· · · · -
Restricted Reserves		77,923,954	1,523,866
Other Comprehensive Income that will not be			
reclassified to profit or loss in subsequent periods - Gains on Revaluation of Property, Plant and Equipment		20,672,748,977 20,705,662,656	21,091,055,621 21,105,254,202
- Actuarial Losses on Defined Benefit Plans		(32,913,679)	(14,198,581)
Other Comprehensive Income that may be		(6 502 002 044)	(5 220 600 025)
reclassified to loss or profit it subsequent periods - Reserve of Losses on Cash Flow Hedge		(6,592,093,044) (6,592,093,044)	(5,228,688,835) (5,228,688,835)
Accumulated Gains / (Losses)		646,381,081	(694,880,978)
Net Income / (Loss) for the Period		(1,556,096,660)	1,018,070,601
<b>Equity Attributable to Equity Holders of the Parent</b>		14,063,635,869	17,078,251,924
TOTAL EQUITY		14,063,635,869	17,078,251,924
TOTAL EQUITY AND LIABILITIES		37,069,964,846	35,389,705,153

# Aydem Yenilenebilir Enerji Anonim Şirketi and Its Subsidiaries Interim condensed consolidated statement of profit or loss and other comprehensive income for the six-months period ended 30 June 2023

(Amounts expressed in Turkish Lira (TL), unless otherwise indicated)

		Reviewed	Unaudited	Reviewed	Unaudited
	Notes	1 January – 30 June 2023	1 April – 30 June 2023	1 January – 30 June 2022	1 April – 30 June 2022
	riotes	30 gune 2023	30 gune 2023	30 Sunc 2022	30 gune 2022
Loss or Profit Statement					
Revenue		2,339,474,033	1,522,194,530	2,033,836,260	1,185,017,371
Cost of Sales		(1,209,401,532)	(641,949,690)	(706,553,114)	(386,082,927)
Gross Profit		1,130,072,501	880,244,840	1,327,283,146	798,934,444
General Administrative Expenses		(285,897,668)	(206,782,240)	(71,749,578)	(30,151,791)
Other Operating Income		304,823,175	217,950,290	212,060,546	169,536,423
Other Operating Expenses		(44,299,633)	(29,126,878)	(4,579,906)	(2,131,203)
Operating Profit		1,104,698,375	862,286,012	1,463,014,208	936,187,873
Gains from Investing Activities		296,857,697	221,296,905	4,234,114	373,967
Profit Before Net Finance Expense		1,401,556,072	1,083,582,917	1,467,248,322	936,561,840
Tront Before Net Finance Expense		1,401,550,072	1,003,302,717	1,407,240,322	220,201,040
Finance Income	19	489,106,565	449,035,966	293,170,646	137,864,733
Finance Expense	19	(3,692,892,939)	(2,825,424,059)	(761,718,811)	(494,047,996)
Net Finance Expense		(3,203,786,374)	(2,376,388,093)	(468,548,165)	(356,183,263)
(Loss) / Gain Before Tax		(1,802,230,302)	(1,292,805,176)	998,700,157	580,378,577
Tax Expense		246,133,642	153,750,651	(265,632,290)	(155,448,383)
- Current Tax Expense		-	-	-	-
- Deferred Tax Expense	20	246,133,642	153,750,651	(265,632,290)	(155,448,383)
Net Income / (Loss) for the Period		(1,556,096,660)	(1,139,054,525)	733,067,867	424,930,194
Gain / (Loss) Attributable To:					
Equity Holders of the Parent		(1,556,096,660)	(1,139,054,525)	733,067,867	424,930,194
Gain Earnings per share					
- Gain Earnings per share	16	(2.22)	(1.63)	1.04	0.61
Other Comprehensive Income that will not be					
reclassified to profit or loss in subsequent periods		(18,715,098)	(18,230,528)	(4,237,450)	(1,188,376)
- Actuarial Losses on Defined Benefit Plans		(23,393,873)	(22,788,161)	(5,296,813)	(1,485,470)
- Tax Related to Other Comprehensive Income that					
will not be reclassified to Loss or Profit Other Comprehensive Income that may be		4,678,775	4,557,633	1,059,363	297,094
reclassified to loss or profit in subsequent periods		(1,363,404,209)	(1,682,962,924)	(1,637,136,989)	(912,384,213)
- Reserve of Losses on Cash Flow Hedge		(1,704,255,261)	(2,103,703,655)	(2,046,421,236)	(1,140,480,266)
- Tax Related to Other Comprehensive Income that					
will be reclassified to Loss or Profit		340,851,052	420,740,731	409,284,247	228,096,053
Other Comprehensive Income		(1,382,119,307)	(1,701,193,452)	(1,641,374,439)	(913,572,589)
Total Camprohansiya Ingeme		(2,938.215.967)	(2,840,247,977)	(908,306,572)	(488,642,395)
Total Comprehensive Income		(4,930.413.907)	(4,040,441,977)	(900,300,372)	(400,044,393)

# Aydem Yenilenebilir Enerji Anonim Şirketi and Its Subsidiaries Interim condensed consolidated statement changes in equity for the six-month period ended 30 June 2023

(Amounts expressed in Turkish Lira (TL), unless otherwise indicated)

					Other comprehen will not be reclass pro	sified to (loss) or	Other comprehensive income that will be reclassified to (loss) or profit			
	Paid-in capital	Share premiums	Treasury shares	Restricted Reserves	Gains on revaluation of property, plant and equipment	Actuarial (losses)/ gains on defined benefit plans	Reserve of (losses) gains on cash flow hedge	Accumulated losses	Net income / (loss) for the period	Total equity
Balance as of 1 January 2022	705,000,000	91,418,338	-	1,523,866	13,225,881,526	2,782,668	(3,000,188,096)	(1,102,866,722)	(120,291,640)	9,803,259,940
Transfers	-	-	-	-	-	-	-	(120,291,640)	120,291,640	-
Net income / (loss) for the period	-	-	-	-	-	-	-	-	733,067,867	733,067,867
Other comprehensive income / (expense)	-	-	-	-	-	(4,237,450)	(1,637,136,989)	-	-	(1,641,374,439)
Total comprehensive income	-	-	-	-	-	(4,237,450)	(1,637,136,989)	-	733,067,867	(908,306,572)
Capital increase	-	-	-	-	-	-	-	-	-	-
Acquisition of own shares	-	-	(44,505,426)	44,505,426	-	-	-	(44,505,426)	-	(44,505,426)
Depreciation transfers related to revaluation										
of property, plant and equipment	-	-	-	-	(254,524,211)	-	-	254,524,211	-	-
Balance as of 30 June 2022	705,000,000	91,418,338	(44,505,426)	46,029,292	12,971,357,315	(1,454,782)	(4,637,325,085)	(1,013,139,577)	733,067,867	8,850,447,942
Balance as of 1 January 2023	705,000,000	186,171,649		1,523,866	21,105,254,202	(14,198,581)	(5,228,688,835)	(694,880,978)	1,018,070,601	17,078,251,924
Transfers	-	-	-	-	-	-	-	1,018,070,601	(1,018,070,601)	-
Net loss for the period	-	-	-	-	-	-	-	-	(1,556,096,660)	(1,556,096,660)
Other comprehensive income / (expense)						(18,715,098)	(1,363,404,209)			(1,382,119,307)
Total comprehensive (expense) / income	-	-	-	-	-	(18,715,098)	(1,363,404,209)	-	(1,556,096,660)	(2,938,215,967)
Acquisition of own shares *	-	-	(76,400,088)	76,400,088	-	-	-	(76,400,088)	-	(76,400,088)
Depreciation transfers related to revaluation										
of property, plant and equipment	-	-	-	-	(399,591,546)	-	-	399,591,546	-	-
Balance as of 30 June 2023	705,000,000	186,171,649	(76,400,088)	77,923,954	20,705,662,656	(32,913,679)	(6,592,093,044)	646,381,081	(1,556,096,660)	14,063,635,869

<sup>\*</sup> The Company has planned to make its own share repurchase transactions in order to protect its shareholders, to contribute to the formation of a stable share price in line with its real value, and to preserve the confidence in the Company, in line with the CMB's statements on 14 February 2022, dated 21 July 2016, 25 July 2016 and 23 March 2020. It has been unanimously approved by the Board of Directors and the maximum number of shares that can be repurchased has been determined as 20,000,000 with a nominal value of TL 20,000,000. The Company Management has evaluated that it will not have any consequences against the Company and the investors and that the use of the Company's existing resources for repurchase will not affect the Company's cash needs. In this context, the fund to be allocated for repurchase has been determined as a maximum of TL 170,000,000, to be met from the cash generated from the Company's activities and its current resources.

Within the scope of the share buyback transactions initiated by the decision of the Board of Directors, 5,605,026 shares have been bought back in the amount of TL 76,400,088 by our Company for the period ended 30 June 2023. The total amount of purchases provided from the internal resources of the company is 76,400,088 TL and its share in the Company's capital is 0.7950%. The Company has shown TL 76,400,088 in the "Repurchased Shares (-)" account, which was paid in connection with the repurchase of shares.

In accordance with Article 520 of the Law No. 6102, the Company has set aside a reserve fund for the shares bought back in an amount that meets the acquisition value. Since these reserves are dissolved when the repurchased shares are transferred or cancelled, they are shown in the "Restricted Reserves Set aside from Profit" item.

# Aydem Yenilenebilir Enerji Anonim Şirketi and Its Subsidiaries Interim consolidated statement of cash flows for the six-month period ended 30 June 2023

(Amounts expressed in Turkish Lira (TL), unless otherwise indicated)

	Reviewed 1 January-	Reviewed 1 January
Notes	30 June 2023	30 June 2022
A. CASH FLOWS FROM OPERATING ACTIVITIES	2,139,173,664	1,073,417,080
Net income / (loss) for the period	(1,556,096,660)	733,067,86
Net income / (loss) for the period adjustment to reconcile	3,825,063,864	1,406,589,94
Adjustment related to amortization and depreciation	613,208,805	393,066,59
Adjustment related to provisions	13,840,655	5,052,79
Adjustment related to incomes / expenses of interest, net	342,196,358	402,089,64
Adjustment related to tax income / expense	(246,133,642)	265,632,29
Adjustment related to exchanges differences	3,272,790,209	344,773,97
Adjustment related to gains of sales of tangible and intangible assets, net	(165,109,418)	(3,344,996
Adjustments to related fair value gains	(10,495,598)	
Other adjustments to reconcile net loss / income	4,766,495	(680,355
Change in working capital	(126,492,055)	(1,056,901,535
Related to increase / decrease in restricted accounts	(153,614,406)	(326,518,450
Related to increase / decrease in trade receivables	57,540,056	(990,700,892
Related to increase / decrease in other receivables	(281,180,262)	(10,009,899
Related to increase / decrease in the inventories	(2,302,622)	76,68
Related to increase / decrease in trade payables	124,953,457	219,927,29
Related to increase / decrease in other payables	121,246,670	46,197,42
Related to increase / decrease in liabilities for employee benefits	6,865,052	4,126,30
Taxes paid	-	(8,790,808
Employee termination benefit paid	(3,301,485)	(548,384
B. CASH FLOWS FROM INVESTING ACTIVITIES	(919,047,493)	(629,544,133
Interest received	61,606,426	69,936,30
Inflow related to sales of tangible and intangible assets	211,147,154	5,037,22
Outflow related to purchase of tangible and intangible assets	(776,730,268)	(704,517,663
Cash inflows arising from acquisition of shares or debt instruments of other businesses or funds	61,124,620	
Cash outflows arising from acquisition of shares or debt instruments of other businesses or funds	(476,195,425)	
C. CASH FLOWS FROM FINANCIAL ACTIVITIES	(634,517,644)	(746,824,015
Cash inflow related to proceeds from borrowings 14.1	(31,902,842)	(273,156,538
Cash outflow related to lease liabilities 14.2	(17,612,954)	(41,565,842
Other cash inflow / outflow	-	882,22
Cash outflows for the acquisition of own shares	(76,400,088)	(44,505,426
Interest paid 14.1	(508,601,760)	(388,478,438
NET INCREASE / DECREASE CASH AND CASH EQUIVALENTS (A+B+C)	585,608,527	(302,951,068
D. CASH AND CASH EQUIVALENTS BEGINNING OF PERIOD	1,293,793,214	1,525,592,11
	1,879,401,741	1,222,641,05

(Amounts expressed in Turkish Lira ("TL"), unless otherwise indicated)

## 1 Organization and nature of operations of the Group

Aydem Yenilenebilir Enerji Anonim Şirketi ("Aydem Yenilenebilir" or "the Company") was established on 6 July 1995 as Bereket Enerji Üretim Otoprodüktör Grubu Sanayi ve Ticaret Anonim Şirketi. The Company first changed its corporate name to Bereket Enerji Üretim Anonim Şirketi on 21 May 2004 and then on 27 December 2019, the Company changed again its corporate name to Aydem Yenilenebilir Enerji Anonim Şirketi. In 2019, the Company has been restructured in a way that it operates solely in renewable energy generation business. In relation to the restructuring process, Aydem Yenilenebilir has merged with all of its subsidiaries which are operating in renewable energy generation business and disposed the non-relevant operations and subsidiaries and became a pure renewable energy generation Company. The Company has started to be traded on Borsa Istanbul as of 29 April 2021.

In these consolidated financial statements, Aydem Yenilenebilir, its subsidiaries and its associate are referred to together as "the Group".

Aydem Yenilenebilir generates electricity from local renewable sources. The Group installed its first hydroelectric power plant ("HPP") on the Bereket Çayı stream and continues to generate electricity with hydro, wind ("WPP"), solar power plant ("SPP") and geothermal ("GPP") in different regions of the country.

The address of the registered office of the Group is as follows:

Adalet Mah. Hasan Gönüllü Bulvarı No:15/1 Merkezefendi, Denizli.

As of 30 June 2023 and 31 December 2022, the Group's subsidiaries ("subsidiaries") and their main business activities are as follows:

			Ownership Percentage		
Subsidiaries	Location	Main Activities	30 June 2023	31 December 2022	
Ey-Tur Enerji Elektrik Üretim ve Ticaret Ltd. Şti. ("Ey-tur") /HPP		Electricity generation by hydropower	100%	100%	
Başat Elektrik Üretim ve Ticaret Ltd. Şti. ("Başat") / HPP	**	Electricity generation by hydropower	100%	100%	
Sarı Perakende Enerji Satış ve Ticaret A.Ş. ("Sarı Perakende")	İzmir	Trading of electricity	100%	100%	
Akköprü Yenilenebilir Enerji A.Ş. ("Akköprü HPP") *	Muğla	Electricity generation by hydropower	100%	100%	

<sup>\*</sup> Akköprü HPP was established on 15 October 2021. The Group was awarded the Akköprü HPP with a capacity of 115 MW in the tender held by The Republic of Turkey Prime Ministry Privatization administration on 23 September 2021. However, the tender was cancelled on 19 January 2022 with the President's Decision and this decision was notified to Company on 24 January 2022

(Amounts expressed in Turkish Lira ("TL"), unless otherwise indicated)

## 1 Organization and nature of operations of the Group (continued)

As of 30 June 2023 and 31 December 2022, the number of employees of the Company and its subsidiaries and its associate are as shown in the table below:

The Company and its subsidiaries	30 June 2023	31 December 2022
Aydem Yenilenebilir	566	556
Sarı Perakende	-	-
Ey-Tur	-	-
Başat	-	-
Akköprü	-	-
Total	566	556

### Laws and regulations affecting the business activities

The Group is subject to the regulation and board decisions communiques issued by the Energy Market Regulatory Authority (EMRA) and obliged to carry out electricity generation and sales activities in accordance with the Electricity Market Law No.6446 dated 14 March 2013 which entered into force with the Official Gazzette No.28603 dated 30 March 2013.

#### List of shareholders

As of 30 June 2023 and 31 December 2022, the composition of shareholders and their respective percentage of ownership can be summarized as follows:

	30 J	une 2023	31 December	<b>31 December 2022</b>	
Shareholders	TL	0/0	TL	%	
Aydem Enerji Yatırımları A.Ş.*	574,975,680	%81.56	574,975,680	%81.56	
Publicly traded	130,000,000	%18.44	130,000,000	%18.44	
Others	24,320	%0.00	24,320	%0.00	
Total	705,000,000	%100	705,000,000	%100	

<sup>\*</sup> Aydem Enerji Yatırımları A.Ş. is controlled by Aydem Holding A.Ş.

As of April 29, 2021, the company started to be traded on Borsa Istanbul - Star Market.

### Approval of consolidated financial statements:

Consolidated financial statements prepared as of 30 June 2023 were approved for publication by the Board of Directors on 17 August 2023. The General Assembly have the right to amend the consolidated financial statements.

(Amounts expressed in Turkish Lira ("TL"), unless otherwise indicated)

## 2 Basis of presentation of consolidated financial statements

### 2.1 Basic principles of presentation

The accompanying interim condensed consolidated financial statements are prepared in accordance with Turkish Financial Reporting Standards ("TFRS") published by Public Oversight Accounting and Auditing Standards Authority ("POA") as set out in the Communiqué numbered II-14.1 "Communiqué on Principles of Financial Reporting in Capital Markets" published in the Official Gazette numbered 28676 on 13 June 2013. TFRSs consist of standards and interpretations which are published as Turkish Accounting Standards ("TAS"), Turkish Financial Reporting Standards, interpretations of TAS and interpretations of TFRS.

The consolidated financial statements are presented in accordance with the TFRS Taxonomy developed based on the Illustrative Financial Statements and User Guide published in the Official Gazette numbered 31973 on 4 October 2022.

The Group and its subsidiaries and associate maintain their books of accounts and prepare their statutory financial statements in accordance with the Turkish Commercial Code ("TCC"), tax legislation, the Uniform Chart of Accounts issued by the Ministry of Finance.

Consolidated financial statements are based on the statutory records, which are maintained under historical cost conventions except for the revaluated power plants, with the required adjustments and reclassifications reflected for the purpose of fair presentation in accordance with TFRS.

#### 2.2 Functional and presentation currency

The Group has presented its consolidated financial statements in TL, which is the functional currency of the Company and its subsidiaries as well as its associate.

Foreign currency transactions are translated into the functional currency (currencies other than TL) using the exchange rates prevailing at the dates of the transactions or valuation where items are remeasured. Foreign exchange gains and losses resulting from the settlement of such transactions and from the translation at period-end exchange rates of monetary assets and liabilities denominated in foreign currencies are recognised in the statement of profit or loss.

(Amounts expressed in Turkish Lira ("TL"), unless otherwise indicated)

## 2 Basis of presentation of consolidated financial statements (continued)

#### 2.3 Basis of Consolidation

Consolidated financial statements include the financial statements of the company and its subsidiaries as of 31 December 2022. Subsidiaries are companies over which the Group has direct or indirect control over their operations. Control is provided if the Group meets the following conditions:

- Power over the investee (i.e., existing rights that give it the current ability to direct the relevant activities of the investee)
- Exposure, or rights, to variable returns from its involvement with the investee
- The ability to use its power over the investee to affect its returns

Generally, there is a presumption that a majority of voting rights results in control. To support this presumption and when the Group has less than a majority of the voting or similar rights of an investee, the Group considers all relevant facts and circumstances in assessing whether it has power over an investee, including:

- The contractual arrangement(s) with the other vote holders of the investee
- Rights arising from other contractual arrangements
- The Group's voting rights and potential voting rights
- Events and conditions that may indicate whether the Group has the power to decide on management of operations (including voting at previous general assembly meetings)

Consolidation of a subsidiary begins when the Group obtains control over the subsidiary and ceases when the Group loses control of the subsidiary. Assets, liabilities, income and expenses of a subsidiary acquired or disposed of during the year are included in the consolidated financial statements from the date the Group gains control until the date the Group ceases to control the subsidiary.

When necessary, adjustments are made to the financial statements of subsidiaries to bring their accounting policies in line with the Group's accounting policies.

(Amounts expressed in Turkish Lira ("TL"), unless otherwise indicated)

## 2 Basis of presentation of consolidated financial statements (continued)

#### 2.3 Basis of Consolidation (continued)

#### i) Business combinations

Business combinations are accounted for using the acquisition method. The cost of an acquisition is measured as the aggregate of the consideration transferred, which is measured at acquisition date fair value, and the amount of any non-controlling interests in the acquiree. For each business combination, the Group elects whether to measure the non-controlling interests in the acquiree at fair value or at the proportionate share of the acquiree's identifiable net assets. Acquisition-related costs are expensed as incurred and included in administrative expenses.

Any contingent consideration to be transferred by the acquirer will be recognised at fair value at the acquisition date. Contingent consideration classified as equity is not remeasured and its subsequent settlement is accounted for within equity. Contingent consideration classified as an asset or liability that is a financial instrument and within the scope of TFRS 9 Financial Instruments, is measured at fair value with the changes in fair value recognised in the statement of profit or loss in accordance with TFRS 9. Other contingent consideration that is not within the scope of TFRS 9 is measured at fair value at each reporting.

Goodwill is initially measured at cost (being the excess of the aggregate of the consideration transferred and the amount recognised for non-controlling interests and any previous interest held over the net identifiable assets acquired and liabilities assumed). If the fair value of the net assets acquired is in excess of the aggregate consideration transferred, the Group re-assesses whether it has correctly identified all of the assets acquired and all of the liabilities assumed and reviews the procedures used to measure the amounts to be recognised at the acquisition date. If the reassessment still results in an excess of the fair value of net assets acquired over the aggregate consideration transferred, then the gain is recognised in profit or loss.

#### ii) Subsidiaries:

Subsidiaries are entities controlled by the Group. The Group controls an entity when it is exposed to, or has rights to, variable returns from its involvement with the entity and has the ability to affect those returns through its power over the entity.

(Amounts expressed in Turkish Lira ("TL"), unless otherwise indicated)

# 2 Basis of presentation of consolidated financial statements (continued)

#### 2.3 Basis of consolidation (continued)

#### iii) Associates:

An associate is an entity over which the Group has significant influence. Significant influence is the power to participate in the financial and operating policy decisions of the investee, but is not control or joint control over those policies. Associates are accounted for equity method in the consolidated financial statements. Under equity method, investment in an associate is initially recognised at cost. After initial recognition, Group's share of the profit or loss of the investee, is recorded to the financial statements by increasing or decreasing the net book value. Group's share of the profit or loss and other comprehensive income of equity-accounted investees, after adjustments to align the accounting policies with those of the Group, from the date that significant influence commences until the date that significant influence ceases.

In addition, when there has been a change recognised directly in the equity of the associate, the Group recognises its share of any changes, when applicable, in the statement of changes in equity. Goodwill relating to the associate or joint venture is included in the carrying amount of the investment and is not tested for impairment separately. Unrealised gains and losses resulting from transactions between the Group and the associate are eliminated to the extent of the interest in the associate or joint venture.

When the Group's share of losses exceeds its interest in an equity-accounted investee, the carrying amount of the investment, including any long-term interests that form part thereof, is reduced to zero, and the recognition of further losses is discontinued except to the extent that the Group has an obligation or has made payments on behalf of the investee.

The aggregate of the Group's share of profit or loss of an associate is shown on the face of the statement of profit or loss within operating profit when the associate's main course of business is renewable energy generation and represents profit or loss after tax.

The financial statements of the associate are prepared for the same reporting period as the Group.

After application of the equity method, the Group determines whether it is necessary to recognise an impairment loss on its investment in its associate. At each reporting date, the Group determines whether there is objective evidence that the investment in the associate is impaired. If there is such evidence, the Group calculates the amount of impairment as the difference between the recoverable amount of the associate and its carrying value, and then recognises the loss within 'Share of profit of an associate' in the statement of profit or loss.

### iv) Non-controlling interests

For each business combination, the Group elects to measure any non-controlling interests in the acquiree either:

- at fair value; or
- at their proportionate share of the acquiree's identifiable net assets, which are generally at fair value.

Profit or loss and each component of OCI are attributed to the equity holders of the parent of the Group and to the non-controlling interests, even if this results in the non-controlling interests having a deficit balance.

(Amounts expressed in Turkish Lira ("TL"), unless otherwise indicated)

# 2 Basis of presentation of consolidated financial statements (continued)

#### 2.3 Basis of consolidation (continued)

#### v) Partial share purchase and sale transactions with non-controlling interests

Changes in the Group's interest in a subsidiary that do not result in a loss of control are accounted for as transactions with owners in their capacity as owners. Accordingly, in the case of additional share purchases from and sales to non-controlling interests, the difference between the acquisition cost and the carrying amount of the net assets of the subsidiary in proportion to the acquired interest is recognized in equity. No adjustments are made to goodwill and no gain or loss is recognised in profit or loss.

#### vi) Acquisition of companies under common control

For the accounting of business combinations under common control, assets and liabilities subject to business combination are included in the consolidated financial statements with carrying values of historical TFRS financial statements which were prepared for the purpose of consolidation of the ultimate parents' consolidated financial statements. The financial statements of the acquired entities have been consolidated from the beginning of the financial year in which the business combination occurs. Prior period financial statements have been restated in the same manner for comparability purposes. As a result of these transactions, no goodwill or negative goodwill has been calculated. Any difference between the consideration paid and the share capital of the acquired entity are accounted under equity as "Share Premium / Discount".

## vii) Eliminations

During the preparation of the consolidated financial statements, unrealized gains and losses arising from intra-group transactions transactions between entities included in the consolidated financial statements, intra-group balances and intra-group transactions are eliminated. Gains and losses arising from the transactions between the associate and the parent company and the consolidated subsidiaries of the parent company and jointly controlled entities are offset against the parent company's interest in the associate. Unrealized losses are eliminated in the same manner as unrealized gains, unless there is evidence of impairment.

#### viii) Loss of control

Upon the loss of control, the Group derecognizes the assets and liabilities of the subsidiary, any non-controlling interests and the other components of equity related to the subsidiary. Any surplus or deficit arising on the loss of control is recognised in profit or loss. If the Group retains any interest in the previous subsidiary, then such interest is measured at fair value at the date that control is lost. Subsequently it is accounted for as an equity-accounted investee or as an available-for-sale financial asset depending on the level of influence retained.

#### 2.4 Going Concern

The consolidated financial statements have been prepared in accordance with the going concern principle.

(Amounts expressed in Turkish Lira ("TL"), unless otherwise indicated)

# 2 Basis of presentation of consolidated financial statements (continued)

## 2.5 The new standards, amendments and interpretations

The accounting policies adopted in preparation of the consolidated financial statements as of 30 June 2023 are consistent with those of the previous financial year, except for the adoption of new and amended TFRS and TFRS interpretations effective as of January 1, 2023 and thereafter. The effects of these standards and interpretations on the Group's financial position and performance have been disclosed in the related paragraphs.

### i) The new standards, amendments and interpretations which are effective as of January 1, 2023

- Amendments to TAS 8 Definition of Accounting Estimates
- Amendments to TAS 1 Disclosure of Accounting Policies
- Amendments to TAS 12 Deferred Tax related to Assets and Liabilities arising from a Single Transaction

The amendments did not have a significant impact on the financial position or performance of the Group.

#### ii) Standards issued but not yet effective and not early adopted

Standards, interpretations and amendments to existing standards that are issued but not yet effective up to the date of issuance of the consolidated financial statements are as follows. The Group will make the necessary changes if not indicated otherwise, which will be affecting the consolidated financial statements and disclosures, when the new standards and interpretations become effective.

- Amendments to TFRS 10 and TAS 28: Sale or Contribution of Assets between an Investor and its Associate or Joint Venture
- TFRS 17 The new Standard for insurance contracts
- Amendments to TAS 1- Classification of Liabilities as Current and Non-Current Liabilities
- Amendments to TFRS 16 Lease Liability in a Sale and Leaseback

The Group is in the process of assessing the impact of the amendments on financial position or performance of the Group.

# iii) The new amendments that are issued by the International Accounting Standards Board (IASB) but not issued by Public Oversight Authority (POA)

The following amendments to IAS 12 as well as IAS 7 and IFRS 7 are issued by IASB but not yet adapted/issued by POA. Therefore, they do not constitute part of TFRS. The Company / the Group will make the necessary changes to its consolidated financial statements after the amendments are issued and become effective under TFRS.

- Amendments to IAS 12 International Tax Reform Pillar Two Model Rules
- Amendments to IAS 7 and IFRS 7 Disclosures: Supplier Finance Arrangements

The Group is in the process of assessing the impact of the amendments on financial position or performance of the Group.

(Amounts expressed in Turkish Lira ("TL"), unless otherwise indicated)

## 2 Basis of presentation of consolidated financial statements (continued)

#### 2.6 Summary of significant accounting policies

#### **Related Parties**

A related party is a person or entity that is related to the entity that is preparing its financial statements.

- a) A person or a close member of that person's family is related to a reporting entity if that person:
- i. has control or joint control over the reporting entity.
- ii. has significant influence over the reporting entity.
- iii. is a member of the key management personnel of the reporting entity or of a parent of the reporting entity.
- b) An entity is related to a reporting entity if any of the following conditions applies:
  - i. The entity and the reporting entity are members of the same group (which means that each parent, subsidiary and fellow subsidiary is related to the others).
  - ii. One entity is an associate or joint venture of the other entity (or an associate or joint venture of a member of a group of which the other entity is a member).
  - iii. Both entities are joint ventures of the same third party.
  - iv. One entity is a joint venture of a third entity and the other entity is an associate of the third entity.
  - v. The entity is a post-employment benefit plan for the benefit of employees of either the reporting entity or an entity related to the reporting entity. If the reporting entity is itself such a plan, the sponsoring employers are also related to the reporting entity.
  - vi. The entity is controlled or jointly controlled by a person identified in (a).
  - vii. A person identified in (a)(i) has significant influence over the entity or is a member of the key management personnel of the entity (or of a parent of the entity).

A related party transaction is a transfer of resources, services or obligations between a reporting entity and a related party, regardless of whether a price is charged.

(Amounts expressed in Turkish Lira ("TL"), unless otherwise indicated)

# 2 Basis of presentation of consolidated financial statements (continued)

### 2.6 Summary of significant accounting policies (continued)

#### Property, plant and equipment

#### Accounting and measurement

The Group, has adopted the revaluation method in accordance with TAS 16 for its entire power plants. Power plants are measured at fair value less accumulated depreciation and impairment losses recognised after the date of revaluation. Other tangible assets are stated at cost, net of accumulated depreciation and accumulated impairment losses, if any. Construction in progress is also stated at cost, net of accumulated impairment losses, if any. An investment in a power plant is classified as construction in progress during the physical construction process; when completed, it is transferred to the power plant class (Note 9.1) and recognized at fair value.

The frequency of revaluations depends on the changes in the fair values of property, plant and equipment subject to revaluation. The Group revalued the property, plant and equipment consisting of the power plant as of 31 December 2022 and performed a detailed impairment analysis as of 30 June 2023. The Renewable Energy Group consist of power plants below:

- Çırakdamı HPP, Dereli HPP, Kızıldere GPP, Uşak WPP, Yalova WPP, Söke WPP, Bereket I-II HPP, Dalaman I-V HPP, Gökyar HPP, Feslek HPP, Koyulhisar HPP, Mentaş HPP, Toros HPP, Göktaş I-II HPP, Aksu HPP, Akıncı HPP and Uşak SPP.

A revaluation surplus is recorded in OCI and credited to the asset revaluation surplus in equity. However, to the extent that it reverses a revaluation deficit of the same asset previously recognised in profit or loss, the increase is recognised in profit and loss. A revaluation deficit is recognised in the statement of profit or loss, except to the extent that it offsets an existing surplus on the same asset recognised in the asset revaluation surplus.

An annual transfer from the asset revaluation surplus to retained earnings is made for the difference between depreciation based on the revalued carrying amount of the asset and depreciation based on the asset's original cost. Additionally, accumulated depreciation as at the revaluation date is eliminated against the gross carrying amount of the asset and the net amount is restated to the revalued amount of the asset. Upon disposal, any revaluation surplus relating to the particular asset being sold is transferred to retained earnings.

Depreciation is calculated using the straight-line method over property, plant and equipment. Land is not depreciated on the basis that it has an indefinite life. Purchase costs are accounted by separating the land and building components in the purchases of buildings, including land.

The estimated useful lives of the significant property, plant and equipment as of 30 June 2023 are as follows:

<u>Years</u> 20-49

Power plants

An item of property, plant and equipment and any significant part initially recognised is derecognised upon disposal (i.e., at the date the recipient obtains control) or when no future economic benefits are expected from its use or disposal. Any gain or loss arising on derecognition of the asset (calculated as the difference between the net disposal proceeds and the carrying amount of the asset) is included in the statement of profit or loss when the asset is derecognised.

(Amounts expressed in Turkish Lira ("TL"), unless otherwise indicated)

# 2 Basis of presentation of consolidated financial statements (continued)

## 2.6 Summary of significant accounting policies (continued)

The residual values, useful lives and methods of depreciation of property, plant and equipment are reviewed at each financial year end and adjusted prospectively, if appropriate. Repair and maintenance costs are recognised in profit or loss as incurred.

A class of power plant is a grouping of assets of a similar nature and used in an entity's operations and contains land, buildings, machinery and equipment, furniture and fixtures.

Expenses for the repair of property, plant and equipment are normally charged as expense. They are, however, capitalized if they result in an enlargement or substantial improvement of the respective assets.

### **Intangible assets**

#### Accounting and measurement

Intangible assets are carried at cost less accumulated depreciation and impairment losses. Intangible assets are carried at cost less accumulated depreciation and impairment losses. Intangible assets comprise rights to operate licenses and computer software.

#### Right to Operate Licences

The Adıgüzel HPP and Kemer HPP operating licences which has been obtained through Transfer of Operating Rights Agreement ("Agreement") with the Privatization Administration and the Electricity Generation Corporation ("EÜAŞ") are accounted as intangible assets.

#### Computer Software

Computer software are recognized at acquisition cost and amortized on a straight line basis over their estimated useful lives of 3-15 years. Where an indication of impairment exists, the carrying amount of any intangible assets is assessed and written down immediately to its recoverable amount.

#### Subsequent costs

Subsequent costs are capitalized only if they have an impact that increases the future economic benefits of the intangible assets to which they relate. All other expenditures are recognized in profit or loss when incurred.

#### Amortization

Intangible assets are recognized in profit or loss on a straight-line basis over their estimated useful lives starting from the date they are ready for use.

Amortization methods, useful lives and residual values are reviewed at each reporting date and, where appropriate, adjusted.

The estimated useful lives in the current periods are as follows:

	<u> Tears</u>
Right to Operate Licences	12-49
Computer Software	3-15

(Amounts expressed in Turkish Lira ("TL"), unless otherwise indicated)

## 2 Basis of presentation of consolidated financial statements (continued)

### 2.6 Summary of significant accounting policies (continued)

#### Financial liabilities

Non-derivative financial liabilities of the Group comprised of "borrowings", "trade payables" and "other payables" in the statement of financial position

#### i. Borrowings

Borrowings are initially recognized at fair value, net of transaction costs incurred. Borrowings are subsequently measured at amortized cost. Any difference between the proceeds (net of transaction costs) and the redemption amount is recognized in profit or loss over the period of the borrowings using the effective interest method. Fees paid on the establishment of loan facilities are recognized as transaction costs of the loan to the extent that it is probable that some or all of the facility will be drawn down. In this case, the fee is deferred until the draw down occurs. To the extent there is no evidence that it is probable that some or all of the facility will be drawn down, the fee is capitalized as a prepayment for liquidity services and amortized over the period of the facility to which it relates.

Borrowings are derecognised from the balance sheet when the obligation specified in the contract is discharged, cancelled or expired.

#### ii. Borrowing costs

If financing costs arising from the loans are associated with acquisition or construction of qualifying assets, they are included in cost value of qualifying assets. Qualifying assets refer to assets which require a long time to be available for use or sales as intended. Other borrowing costs are accounted in statement of profit or loss in the period they occur.

#### iii. Trade and other payables

Trade and other payables are recognized initially at fair value and subsequently measured at amortized cost using the effective interest method.

#### 2.7 Cash flow hedge transactions

For a hedge of foreign currency risk, the foreign currency component of a non-derivative financial asset or liability may be designated, as a hedging instrument. The foreign currency risk component of a non-derivative financial instrument is determined in accordance with TAS 21.

Accordingly, starting from 20 March 2021, the Company hedge the spot risk of highly probable forecast sales that are denominated in USD with its financial liability in the same foreign currency.

While the Company's functional currency is TRY, the company is exposed to FX risks due to its finances and operations. AYDEM has outstanding USD debt due to power plant investments. The company also experiences significant sales revenue in USD.

(Amounts expressed in Turkish Lira ("TL"), unless otherwise indicated)

## 2 Basis of presentation of consolidated financial statements (continued)

#### 2.7 Cash flow hedge transactions (continued)

The source of USD denominated revenue is sales of electricity generated via renewable power plants. Such production is incentivized in Turkey through a feed-in tariff mechanism (Council of Ministers Decree No.2013/5625). The kWh sale price of generated electricity is guaranteed in USD prices, whereas the amount of future renewable generation remains uncertain and depends on climate conditions and/or operational risks. The feed-in tariff ("FIT") revenues are calculated on a daily basis, and are aggregated at monthly intervals. This enables the Company to classify expected future revenues as a monthly stream of forecasted USD cash inflows for risk management purposes.

The Company's foreign currency risk management objective is to rely on natural currency hedges due to operations. It achieves this feat by aligning its forecasted USD inflows and its USD bond payments. Moreover, the forecasted USD inflows vs scheduled USD bond repayments constitute a hedged portfolio that allows a Cash Flow Hedge Accounting relationship to reduce the Company's income statement volatility. In particular, the Company associates its forecasted future USD cash inflows due to renewable-generated electricity sales, with its outstanding USD bonds. The Company is implementing Hedge Accounting under TFRS 9 to reflect its economic hedges onto financial reporting:

<b>Hedge Accounting Component</b>	Definition
Hedged Item	Forecasted future USD cash inflows due to FIT incentive (Including non-
	FIT forecasted sales until 31 December 2023)
Hedging Instrument	USD denominated financial borrowings
Hedged Risk	Foreign exchange risk of forecasted future USD cash inflows due to FIT
	incentive (Including non-FIT forecasted sales until 31 December 2023)

As of 30 June 2023, the amount of forecasted revenue under FIT and bilateral agreements are USD 484,663,936 whereas the total notional of the outstanding USD denominated bonds is USD 698,532,000. The Group designates USD 598,532,000 of this amount as part of its rebalanced hedge accounting relationship, per TFRS 9 6.2.4 (c). Due to under-hedged nature of the hedged-item, the Company achieves 1:1 hedge ratio with the hedging instrument at all times by way of re-balancing, in line with TFRS 9, 6.4.1.c.iii.

The maturity breakdown of the designated layer of the hedging instrument notional as of 30 June 2023 is provided below;

Payment Date	Principal Payment Amount
February 2025	59,853,200
August 2025	59,853,200
February 2026	59,853,200
August 2026	59,853,200
February 2027	359,119,200
Total	598,532,000

(Amounts expressed in Turkish Lira ("TL"), unless otherwise indicated)

## 2 Basis of presentation of consolidated financial statements (continued)

### 2.7 Cash flow hedge transactions (continued)

The accounting treatment applied with respect to the cash flow hedge is as follows:

- The portion of the foreign exchange gain or loss of the hedging instrument (USD denominated bonds) that is determined to be an effective hedge is recognised in other comprehensive income ("OCI"), until the accompanying hedged item (forecasted USD cash inflows) occurs.
- Any ineffective portion of the hedge is recognized each reporting period in consolidated statement of profit or loss as "Finance Expenses Foreign Exchange losses".
- The hedged item, revenue, is recognised in accordance with TFRS 15 and the settlement of the hedging instrument is realised through the repayments of the bond.
- Gains and losses deferred in OCI, remain in OCI until the cash flows associated with the hedged item occur. At the time when a forecast sale occurs, the respective amount of foreign exchange gain/loss is reclassified from OCI to profit or loss (within financial expense "Finance Expenses Foreign Exchange losses transferred from equity (cash flow hedge)") as a reclassification adjustment in the same periods during which the hedged expected forecasted sales affect profit or loss.
- If the cash flows are not expected to occur, then the corresponding 'previously effective' foreign exchange gain/loss in OCI are recycled immediately to consolidated statement of profit or loss as "Finance Expenses Foreign Exchange losses transferred from equity (cash flow hedge)".

As of 30 June 2023, the hedge relationship has been measured as %74.53 effective. As a result of the sensitivity analysis performed on the forecasted revenue figures, the Group concluded that the 10% increase / decrease in the forecasts do not have a significant effect on the evaluation of the hedge effectiveness tests.

(Amounts expressed in Turkish Lira ("TL"), unless otherwise indicated)

## 2 Basis of presentation of consolidated financial statements (continued)

### 2.8 Significant accounting judgments, estimates and assumptions

The preparation of consolidated financial statements in conformity with TFRS requires management to make judgments, estimates and assumptions that affect the application of accounting policies and the amounts of assets, liabilities, income and expenses. Actual results may differ from these estimates. Uncertainty about these assumptions and estimates could result in outcomes that require a material adjustment to the carrying amount of assets or liabilities affected in future periods.

#### **Judgements:**

In the process of applying the Group's accounting policies, management has made the following judgements, which have the most significant effect on the amounts recognised in the consolidated financial statements:

- Note 5 Trade receivables
- Note 9 Property, plant and equipment
- Note 11 Provisions
- Note 2.7 Cash flow hedge transactions
- Note 20 Taxation on income

#### Estimates and assumptions

The key assumptions concerning the future and other key sources of estimation uncertainty at the reporting date, that have a significant risk of causing a material adjustment to the carrying amounts of assets and liabilities within the next financial year, are described below. The Group based its assumptions and estimates on parameters available when the consolidated financial statements were prepared. The assumptions underlying estimates and estimates are constantly monitored. Existing circumstances and assumptions about future developments, however, may change due to market changes or circumstances arising that are beyond the control of the Group. Such changes are reflected in the assumptions when they occur.

#### 2.9 Revenue

The operations of the Group entities are regulated under Electricity Market Law No. 6446, the Regulation on Electricity Market License of EMRA, the Electricity Market Balancing and Settlement Regulation ("BSR") and other related legislative provisions.

Electricity sales is recognised as revenue at the time of electricity delivery, on an accrual basis. In the case of revenue from feed-in-tariff ("FIT"), sale of electricity is recorded based upon output delivered at rates specified under FIT. In the case of revenue from other than FIT, sale of electricity is again recorded based upon output delivered but at market rates.

With EMRA's board decision dated March 17, 2022 and numbered 10866, "Procedures and Principles Regarding the Determination and Implementation of Resource Based Support Fee" was published. Pursuant to this decision, the Maximum Settlement Price (MSP) was determined for the resource types used in the generation of electricity and is applied as a ceiling price in the electricity sales price for power plants not covered by FIT. The MSP is updated on a monthly basis by taking into account the commodity prices that are inputs to energy production and other parameters deemed appropriate by the Board in addition to one or more of the inflation and exchange rate parameters. As of the balance sheet date, MSP application continues.

(Amounts expressed in Turkish Lira ("TL"), unless otherwise indicated)

## 2 Basis of presentation of consolidated financial statements (continued)

#### 2.9 Revenue (continued)

The company, related parties Gediz Elektrik Perakende A.Ş. ("Gediz EPSAŞ") and Aydem Elektrik Perakende A.Ş. ("Aydem EPSAŞ") sells electricity to companies within the scope of bilateral agreements. Bilateral agreements are commercial agreements made between real or legal persons, subject to the provisions of private law, regarding the purchase and sale of electrical energy or capacity and not subject to the approval of the Energy Market Regulatory Board. In bilateral agreements, conditions related to the supply of electrical energy such as unit price, price commitment, security fee conditions, contract duration are determined and signed.

#### 2.10 Seasonal changes in operations

The Group's activities are not subject to seasonal fluctuations.

#### 2.11 Adjustment of financial statements during periods of high inflation

TAS 29 Financial Reporting in Hyperinflation Economies requires entities whose functional currency is that of a hyperinflationary economy to prepare their financial statements in terms of the measuring unit current at the end of the reporting period. TAS 29 describes characteristics that may indicate that an economy is hyperinflationary, and it requires all entities that report in the currency of the same hyperinflationary economy apply this Standard from the same date. Therefore, it is expected that TAS 29 will start to be applied simultaneously by all entities with the announcement of Public Oversight Accounting and Auditing Standards Authority to ensure consistency of the application required by TAS 29 throughout the country. However, the Authority has not published any announcement that determines entities would restate their financial statements for the accounting period ending on 30 June 2023 in accordance with TAS 29. In this context, TMS 29 is not applied and inflation adjustment has not been reflected in the financial statements as of 30 June 2023.

#### 2.12 Reissuance of consolidated financial statements

The condensed interim financial statements as at and for the six-month period ended 30 June 2023, which were approved by the Board of Directors on 15 August 2023 and published on the same date, have been re-approved and published on 17 August 2023 by adding the presentation of profit or loss and other comprehensive income statements for the three-month periods between 1 April 2023 - 30 June 2023 and 1 April 2022 - 30 June 2022. The amendments did not have any impact on the financial position and performance of the Group.

(Amounts expressed in Turkish Lira ("TL"), unless otherwise indicated)

## 3 Cash and Cash Equivalents

	30 June 2023	31 December 2022
Cash at banks	1,879,398,025	1,293,791,887
- Time deposits	1,827,630,984	1,228,366,841
- Demand deposits	51,767,041	65,425,046
Cash	3,716	1,327
	1,879,401,741	1,293,793,214

As of 30 June 2023, the interest rate of the Group's term TL denominated time deposits amounting is between 5% to 38% (31 December 2022: between 5% and 15%); US Dollars denominated time deposits amounting interest rate is between 0.01% to 12% (31 December 2022: between 0.05% and 9.9%), Euro denominated time deposits amounting interest rate is between 0.25% (31 December 2022: 3%).

### 4 Segment reporting

### 4.1 Statement of financial position

Financial information is provided on a power plant-by-power plant basis to members of executive management, which collectively comprise the chief operating decision maker. The information provided to the members of the executive management includes results or operation, valuation gains and losses on power plants, assets and liabilities of each power plant. The individual properties are also monitored based on type of power plants such as Hydro, Wind, Geothermal and Solar. The Group management considers that it is appropriate to report the segments based on this aggregation, to monitor the financial performance.

Group management assesses segment performance over earnings before interest, tax, depreciation and amortization ("EBITDA"). EBITDA is calculated by adjusting the operating income by depreciation and amortization expenses.

Company management preferred to use EBITDA in the evaluation of department performances in terms of comparability with companies in the same sector. EBITDA is not a measure of financial performance defined in TFRS. It may not be comparable to similar indicators defined by other companies.

The accounting policies adopted by each of the reportable segments are consistent with TFRS' used in preparation of consolidated financial statements of the Group. The detailed information regarding the reporting segments of Group is presented below:

(Amounts expressed in Turkish Lira ("TL"), unless otherwise indicated)

# 4 Segment reporting (continued)

## 4.1 Statement of financial position (continued)

30 June 2023	<b>Hydro Power Plants</b>	Wind Power Plants	<b>Geothermal Power Plant</b>	<b>Solar Power Plant</b>	Other	Unallocated *	Consolidated
Segment assets	25,634,233,224	4,087,809,626	1,170,312	1,747,886,239	192,426,603	5,406,438,842	37,069,964,846
Segment liabilities	15,540,100,259	1,199,741,892	1,049,065	-	240,044,488	6,025,393,273	23,006,328,977

<b>31 December 2022</b>	<b>Hydro Power Plants</b>	Wind Power Plants	<b>Geothermal Power Plant</b>	Solar Power Plant	Other	Unallocated *	Consolidated
Segment assets	26,032,830,327	3,315,002,028	5,597,558	-	1,602,187,661	4,434,087,579	35,389,705,153
Segment liabilities	12,394,160,828	967,100,706	1,049,065	-	2,934	4,949,139,696	18,311,453,229

<sup>\*</sup> Includes assets and liabilities which are not attributable to a reportable segment such as cash, trade receivables, other assets, trade payables, other liabilities, tax assets and liabilities, etc.

(Amounts expressed in Turkish Lira ("TL"), unless otherwise indicated)

# 4 Segment reporting (continued)

## 4.2 Statement of profit or loss

1 January- 30 June 2023	Hydro Power Plants	Wind Power Plants	Geothermal Power Plant	Solar Power Plant	Total Renewable Energy	Unallocated *	Consolidated
Revenues	1,893,988,889	388,469,275	16,975,007	40,040,862	2,339,474,033	_	2,339,474,033
- Revenues from Feed in Tariff (FIT)	647,989,880	251,270,605			899,260,485	_	899,260,485
- Other than FIT	1,245,999,009	137,198,670	16,975,007	40,040,862	1,440,213,548	-	1,440,213,548
Cost of Sales	(846,876,650)	(301,347,120)	(18,191,840)	(31,790,336)	(1,198,205,946)	(11,195,586)	(1,209,401,532)
Operational Expenses/Income (incl. Other Expense and Income)	234,001,302	48,549,757	2,002,863	5,053,087	289,607,009	(314,981,135)	(25,374,126)
<b>Earnings Before Interest and Taxes (EBIT)</b>	1,281,113,541	135,671,912	786,030	13,303,613	1,430,875,096	(326,176,721)	1,104,698,375
Add-back, Depreciation & Amortization Expenses	428,523,444	140,798,967	5,909,892	23,159,340	598,391,643	14,817,162	613,208,805
Earnings Before Interest, Taxes, Depreciation and Amortization (EBITDA) **	1,709,636,985	276,470,879	6,695,922	36,462,953	2,029,266,739	(311,359,559)	1,717,907,180
Gains from Investing Activities	_	_	-	_	-	296,857,697	296,857,697
Finance Income	_	-	-	-	_	489,106,565	489,106,565
Finance Expense	_	-	-	-	-	(3,692,892,939)	(3,692,892,939)
Tax Expense	_	-	-	-	-	246,133,642	246,133,642
Depreciation & Amortization Expenses	(428,523,444)	(140,798,967)	(5,909,892)	(23,159,340)	(598,391,643)	(14,817,162)	(613,208,805)
Net Profit for the Period							(1,556,096,660)

<sup>\*</sup> Includes head office costs and expenses which is not attributable to a reportable segment. Operational expenses mainly consist of personnel expenses. Operational income is mainly composed of foreign exchange income related to trading activities.

<sup>\*\*</sup> EBITDA is calculated by adjusting the operating income by depreciation and amortization expenses.

(Amounts expressed in Turkish Lira ("TL"), unless otherwise indicated)

# 4 Segment reporting (continued)

## 4.2 Statement of profit or loss (continued)

1 January- 30 June 2022	Hydro Power Plants	Wind Power Plants	Geothermal Power Plant	BIO Power Plant	Total Renewable Energy	Unallocated	Consolidated
Revenues	1,695,172,726	327,321,289	7,006,489	1,248,856	2,030,749,360	3,086,900	2,033,836,260
- Revenues from Feed in Tariff (FIT)	1,331,611,688	327,321,289	-	1,248,856	1,660,181,833	-	1,660,181,833
- Other than FIT	363,561,038	-	7,006,489	-	370,567,527	3,086,900	373,654,427
Cost of Sales	(508,499,215)	(188,509,478)	(10,903,101)	(1,244,607)	(709,156,401)	2,603,287	(706,553,114)
Operational Expenses/Income (incl. Other Expense and Income)	52,283,821	159,520	24,331	(24,620)	52,443,052	83,288,010	135,731,062
Earnings Before Interest and Taxes (EBIT)	1,238,957,332	138,971,331	(3,872,281)	(20,371)	1,374,036,011	88,978,197	1,463,014,208
Add-back, Depreciation & Amortization Expenses	290,584,595	89,288,832	6,022,650	47,265	385,943,342	7,123,254	393,066,596
Earnings Before Interest, Taxes, Depreciation and Amortization (EBITDA) **	1,529,541,927	228,260,163	2,150,369	26,894	1,759,979,353	96,101,451	1,856,080,804
Gains from Investing Activities	_	_	_	_	_	4,234,114	4,234,114
Finance Income	_	_	_	_	_	293,170,646	293.170.646
Finance Expense	_	_	_	_	_	(761,718,811)	(761,718,811)
Tax Expense	-	-	_	-	-	(265,632,290)	(265,632,290)
Depreciation & Amortization Expenses	(290,584,595)	(89,288,832)	(6,022,650)	(47,265)	(385,943,342)	(7,123,254)	(393,066,596)
Net Loss for the Period							733,067,867

<sup>\*</sup> Includes head office costs and expenses which is not attributable to a reportable segment. Operational expenses mainly consist of personnel expenses. Most of operational income is composed of foreign exchange income related to trading activities.

<sup>\*\*</sup> EBITDA is calculated by adjusting the operating income by depreciation and amortization expenses.

(Amounts expressed in Turkish Lira ("TL"), unless otherwise indicated)

## 5 Related party disclosures

Aydem Holding A.Ş. ("Aydem Holding") is the ultimate parent company and controlling party of the Group.

Transactions with related parties are classified according to the following groups and include all related party disclosures in this note.

- (1) Ultimate parent and its subsidiaries
- (2) Other companies controlled by the shareholders of Aydem Holding and other key persons.

Since the transactions between the Group and its subsidiaries, which are related parties of the Group, are eliminated during consolidation, they are not disclosed in this note.

The shareholders, key management personnel and members of the Board of Directors, their families and partners and entities controlled by the ultimate shareholders are considered and referred to as related parties in the consolidated financial statements. The Group companies have carried out various transactions with related parties during their operations.

Trade receivables from related parties generally arise from sale of electricity. Trade payables to related parties generally arise from the electricity purchases. The company, related parties Gediz Elektrik Perakende A.Ş. ("Gediz EPSAŞ") and Aydem Elektrik Perakende A.Ş. ("Aydem EPSAŞ") sells electricity to companies within the scope of bilateral agreements. Bilateral agreements are commercial agreements made between real or legal persons, subject to the provisions of private law, regarding the purchase and sale of electrical energy or capacity and not subject to the approval of the Energy Market Regulatory Board. In bilateral agreements, conditions related to the supply of electrical energy such as unit price, price commitment, security fee conditions, contract duration are determined and signed.

Other receivables from related parties arise from sale of subsidiary shares. At the end of each quarter period for other receivables and payables interest is accrued using market interest rates, which are determined using the Group external cost of borrowing.

#### 5.1 Related party balances

As of 30 June 2023 and 31 December 2022, short-term trade receivables due from related parties are as follows:

	30 June 2023	31 December 2022
Aydem EPSAŞ (1)	845,185,632	949,963,628
Gediz EPSAŞ (1)	357,806,526	282,352,136
Other	1,725,049	83,815
	1,204,717,207	1,232,399,579

(Amounts expressed in Turkish Lira ("TL"), unless otherwise indicated)

## 5 Related party disclosures (continued)

## 5.1 Related party balances (continued)

As of 30 June 2023 and 31 December 2022, short-term other receivables due from related parties are as follows:

	30 June 2023	31 December 2022
Aydem Holding A.Ş. ("Aydem Holding") $^{(1)}$ *	49,626,464	35,007,156
	49,626,464	35,007,156

<sup>\*</sup> It consists of receivables related to the sale of 50% shares belonging to Yalova Karacabey.

Investment advance given to Parla Solar, a related company, for hybrid SPP projects and classified under long term prepaid expenses is TL 210,202,355 (December 31, 2022: TL 210,931,967).

As of 30 June 2023 and 31 December 2022, short-term trade payables due to related parties are as follows:

	30 June 2023	31 December 2022
GDZ Enerji Yatırımları A.Ş. ("GDZ Enerji") (1)	2,153,570	1,570,045
Aydem Holding (1)	42,481	5,768,758
Adm EDAŞ (1)	-	318,801
Other	90,693	66,553
	2,286,744	7,724,157

As of 30 June 2023 and 31 December 2022 long-term other payables to related parties are as follows:

	30 June 2023	31 December 2022
Aydem EPSAŞ (1) *	44,977,201	40,210,706
	44,977,201	40,210,706

<sup>\*</sup> Consists of acquisition of Düzce WPP through under common control business transaction. The payment term is 27 June 2029 according to agreement signed between the Group and Aydem EPSAŞ.

(Amounts expressed in Turkish Lira ("TL"), unless otherwise indicated)

# 5 Related party disclosures (continued)

## **5.2** Related party transactions

For the period ended 30 June 2023 and 2022, income and expense transactions with related parties are as follows:

Electricity Sales and Other Sales	1 January- 30 June 2023	1 January- 30 June 2022	
Gediz EPSAŞ (1) *	1,363,671,063	1,563,381,102	
Aydem EPSAŞ (1) *	1,207,510,366	578,533,410	
Parla (1)**	81,972,454	604,981	
Adm EDAŞ (1)	3,254,377	4,019,558	
Other	70,550	551,508	
	2,656,478,810	2,147,090,559	

<sup>\*</sup> Consists of electricity sales within the bilateral agreements.

In the period ending on 30 June 2023, since the spot electricity market price was higher than MSP and the sales price of FIT, the difference was paid to Enerji Piyasaları İşletme A.Ş. ("EPİAŞ").

Purchase of Electricity and Services	1 January- 30 June 2023	1 January- 30 June 2022
Aydem Holding (1)	174,419,344	23,278,853
Aydem EPSAŞ (1)	48,983,358	23,795,600
GDZ Enerji (1)	10,443,829	4,814,977
Adm EDAŞ (1)	7,107,132	3,690,271
Yeni Filo A.Ş. (2)	375,987	354,471
Parla (1)	· -	21,295,883
Other	30,512	14,956
	241,360,162	77,245,011

Other Income	1 January- 30 June 2023	1 January- 30 June 2022	
Aydem EPSAŞ (1) *	209,425,500	43,320,181	
Gediz EPSAŞ (1) *	126,521,627	178,970,556	
Aydem Holding (1)	1,184,818	2,414	
Other	11,162	-	
	337,143,107	222,293,151	

<sup>\*</sup> Consists of net foreign exchange income and late interest income regarding trade receivables.

<sup>\*\*</sup> Includes the sale amount of investment property. Gain on sale amounting to TL 71.477.856 is recognized in income from investing activities.

(Amounts expressed in Turkish Lira ("TL"), unless otherwise indicated)

## 5 Related party disclosures (continued)

## 5.2 Related party transactions (continued)

The executive management of the Group is comprised of general manager and directors. For the period ended 30 June 2023 and 2022, the sum of short-term benefits, such as remuneration and attendance fees, provided to key management executives personnel is as follows:

	1 January- 30 June 2023	1 January- 30 June 2022
Benefits to key management personnel	11,757,164	4,472,546
	11,757,164	4,472,546

## 6 Trade receivables and payables

#### Short term trade receivables

As of 30 June 2023 and 31 December 2022, the Group's short-term trade receivables are as follows:

	30 June 2023	<b>31 December 2022</b>
Trade receivables due from related parties (Note 5)	1,204,717,207	1,232,399,579
Trade receivables due from third parties	48,998,260	78,855,944
	1,253,715,467	1,311,255,523
Less: Allowances for doubtful trade receivables	(7,139,110)	(7,157,761)
	1,246,576,357	1,304,097,762

As of 30 June 2023 and 31 December 2022, short-term trade receivables consist of the following items:

	30 June 2023	<b>31 December 2022</b>
Trade receivables related to electricity seles *	1,212,550,167	1,265,631,949
Trade receivables related to electricity sales * Income accruals related to electricity sales **	34,026,190	38,465,813
Doubtful trade receivables	7,139,110	7,157,761
Allowances for doubtful trade receivables	(7,139,110)	(7,157,761)
	1,246,576,357	1,304,097,762

<sup>\*</sup> Consists of electricity sales and ancillary income within the bilateral agreements.

<sup>\*\*</sup> Consists of the Group's unbilled receivables arising from the electricity sales.

(Amounts expressed in Turkish Lira ("TL"), unless otherwise indicated)

# 6 Trade receivables and payables (continued)

## Short term trade receivables (continued)

The movement of provisions for doubtful receivables for the period ended 30 June 2023 and 30 June 2022 are as follows:

	2023	2022
Opening balance (1 January)	7,157,761	6,410,754
Current provision	, , , , , , , , , , , , , , , , , , ,	20,533
Provisions no longer required	(18,651)	(41,249)
Closing balance (30 June)	7,139,110	6,390,038

### Short term trade payables

As of 30 June 2023 and 31 December 2022, the Group's short-term trade payables are as follows:

	30 June 2023	31 December 2022
Trade resultant from third monting	507.940.060	467.450.000
Trade payables from third parties	597,840,969	467,450,099
Trade payables due from related parties (Note 5)	2,286,744	7,724,157
	600,127,713	475,174,256

As of 30 June 2023 and 31 December 2022, short-term trade payables from third parties consist of the following items:

	30 June 2023	<b>31 December 2022</b>
		424 -04-04
Trade payables	551,807,231	121,796,794
Expense accruals	46,031,103	345,651,089
Other trade payables	2,635	2,216
	597,840,969	467,450,099

(Amounts expressed in Turkish Lira ("TL"), unless otherwise indicated)

# 7 Other receivables and payables

#### Other short-term receivables

As of 30 June 2023 and 31 December 2022, the Group's short-term other receivables are as follows:

	30 June 2023	<b>31 December 2022</b>
Other receivables due from related parties (Note 5)	49,626,464	35,007,156
Other receivables due from third parties	12,934,455	30,467,593
	62,560,919	65,474,749

As of 30 June 2023 and 31 December 2022, short-term other receivables from third parties consist of the following items:

	30 June 2023	<b>31 December 2022</b>
Receivables from tax administration Deposits & guarantees given	12,792,632 141.823	30,401,201 66,392
Deposits & guarantees given	12,934,455	30,467,593

## Other long-term receivables

As of 30 June 2023 and 31 December 2022, other long term receivables from third parties consist of the following items:

	30 June 2023	31 December 2022
Other receivables due from third parties	2,350,703	1,551,818
	2,350,703	1,551,818

(Amounts expressed in Turkish Lira ("TL"), unless otherwise indicated)

## 7 Other receivables and payables (continued)

### Other short-term payables

As of 30 June 2023 and 31 December 2022, the Group's short-term other payables are as follows:

	30 June 2023	<b>31 December 2022</b>
Other payables due to third parties	236,074	235,708
	236,074	235,708

As of 30 June 2023 and 31 December 2022, other short-term payables to third parties consist of the following items:

	30 June 2023	31 December 2022
Deposits and guarantees taken	235,714	235,708
Other payables	360	-
	236,074	235,708

#### 8 Inventories

As of 30 June 2023 and 31 December 2022, inventories are composed of spare parts for property, plant and equipment:

	30 June 2023	31 December 2022
Spare parts *	11,241,410	8,961,584
Trade Goods	22,796	-
	11,264,206	8,961,584

<sup>\*</sup> Inventories consist of spare parts used in the maintenance of power plants.

As of 30 June 2023, there is no insurance coverage on the Group's inventories (31 December 2022: None).

As of 30 June 2023, there are no inventories presented as collateral for liabilities (31 December 2022: None).

(Amounts expressed in Turkish Lira ("TL"), unless otherwise indicated)

# 9 Property, plant and equipment and right of use assets

## 9.1 Property, plant and equipment

The ending 30 June 2023 and 30 June 2022, movements of property, plant and equipment are as follows:

	Land	Power plants	Construction in progress *	Other	Total
		=	-		
Cost or valuation as of 1 January 2023	2,937,363	43,364,984,854	675,761,964	31,627,864	44,075,312,045
Additions	-	38,000,403	735,625,354	2,070,602	775,696,359
Disposals **	-	(268,676)	(35,624,029)	(71,791)	(35,964,496)
Transfers	-	921,432,636	(921,432,636)	-	-
Cost or valuation as of 30 June 2023	2,937,363	44,324,149,217	454,330,653	33,626,675	44,815,043,908
Accumulated depreciation as of 1 January 2023	-	(12,541,351,856)	-	(17,831,656)	(12,559,183,512)
Additions		(595,083,500)		(1,022,487)	(596,105,987)
Disposals	-	43,884	-	14,200	58,084
Accumulated depreciation as of 30 June 2023	-	(13,136,391,472)	-	(18,839,943)	(13,155,231,415)
Net book value as of 30 June 2023	2,937,363	31,187,757,745	454,330,653	14,786,732	31,659,812,493

<sup>\*</sup> Mainly consists of investments regarding hybrid solar and capacity increase.

<sup>\*\*</sup> Includes the cost of sale of Horsunlu geothermal operation license. The sales price is TL 126,193,605 and the gain on sale amounting to TL 90,569,576 is recognized in income from investing

	Land	Power plants	Construction in progress	Other	Total
Cost or valuation as of 1 January 2022	13,023,687	27,629,016,119	214,362,885	189,612,607	28,046,015,298
Additions	30.000	133,507,200	131,330,415	438.941.033	703,808,648
Disposals	-	(2,341,657)	-	(95,682)	(2,437,339)
Transfers	_	252,601,663	(37,742,038)	(214,859,625)	-
Cost or valuation as of 30 June 2022	13,053,687	28,012,783,325	307,951,262	413,598,333	28,747,386,607
Accumulated depreciation as of 1 January 2022		(7,580,743,992)		(15,809,317)	(7,596,553,309)
Additions		(382,635,532)		(1,434,181)	(384,069,713)
Disposals	-	685,398	-	59,716	745,114
Accumulated depreciation as of 30 June 2022	-	(7,962,694,126)	-	(17,183,782)	(7,979,877,908)
Net book value as of 30 June 2022	13,053,687	20,050,089,199	307,951,262	396,414,551	20,767,508,699

As of 30 June 2023, there are pledges and mortgages on property, plant and equipment of the Group amounting to USD 1,248,750,000 in original currencies (31 December 2022: USD 1,248,750,000 in original currencies) in favor of lenders.

Total depreciation expense of property, plant and equipment amounting to TL 595,083,500 (30 June 2022: TL 382,635,532) has been reflected to cost of sales and amounting to TL 1,022,487 (30 June 2022: TL 1,434,181) has been reflected to general administration expense.

The Group determined that the power plants constitute a separate class of property, plant and equipment, based on the nature, characteristics and risks of the property and as also mentioned in Note 2, elected to use revaluation method for such assets.

In accordance with TAS 23, interest and foreign exchange expenses were capitalized amounting to TL 82,819,340 and TL 34,782,995 respectively.

(Amounts expressed in Turkish Lira ("TL"), unless otherwise indicated)

# 9 Property, plant and equipment and right of use assets (continued)

## 9.2 Right of uses

The Group has lease contracts for various items of plant, machinery, vehicles, land right of use and other equipment used in its operations.

For the period then ended as of 30 June 2023, movements of right of uses is as follows:

Cost as of 1 January 2023	137,325,864
Additions	43,679,648
Cost as of 30 June 2023	181,005,512
Accumulated depreciation as of 1 January 2023	(17,709,411)
Additions	(11,864,981)
Accumulated depreciation as of 30 June 2023	(29,574,392)
Net book value as of 30 June 2023	151,431,120
For the period then ended as of 30 June 2022, movements of right of use	es is as follows:
For the period then ended as of 30 June 2022, movements of right of use Cost as of 1 January 2022	es is as follows: 35,251,135
Cost as of 1 January 2022	35,251,135
Cost as of 1 January 2022 Additions	<b>35,251,135</b> 37,989,641
Additions  Cost as of 30 June 2022	<b>35,251,135</b> 37,989,641 <b>73,240,776</b>
Cost as of 1 January 2022  Additions  Cost as of 30 June 2022  Accumulated depreciation as of 1 January 2022	35,251,135 37,989,641 73,240,776 (7,448,596)

Total depreciation expense of right of uses amounting to TL 9,426,788 (30 June 2022: None) has been reflected to cost of sales and amounting to TL 2,438,193 (30 June 2022: TL 4,368,520) has been reflected to general administration expense.

(Amounts expressed in Turkish Lira ("TL"), unless otherwise indicated)

# 10 Intangible assets

As of 5 May 2017, the Company has signed a Transfer of Operating Rights Agreement ("Agreement") with the Privatization Administration and the Electricity Generation Corporation ("EÜAŞ") for Adıgüzel and Kemer Hydroelectric Plants. According to the agreement, the Company obtained the operating rights of the plants for 49 years and is responsible for the transfer of EÜAŞ at the end of the period in a complete and a functional state. During the contract period, the Company has to carry out all the maintenance, repairs and improvements which are necessary to ensure the convenience and efficiency of the plants for the generation activity, at their own expense. The Company is responsible for any damages and losses that may occur in the generation facilities in general referred as "Power Plants". During the contact period; the Company has to perform all kinds of additional facilities, the investment for rehabilitation and development in accordance with the legislation, and will obtain the approval of EÜAŞ during the works and procedures to be carried out within this framework. In addition, the company must obtain approval from EÜAŞ in case it wants to make investments and transactions for capacity changes.

As of the transfer date, it is EÜAŞ's responsibility to monitor and solve the administrative, legal disputes regarding the ownership of the immovable on which plants are located and the immovable in use, that are available now or will arise after the transfer date and all responsibilities and obligations arising from this matter.

Intangible assets related to agreements are amortized until the end of the related contract period.

Although the Company has the right to obtain substantially all of the economic benefits from use of the asset, it does not have the right to manage the use of power plants according to Article 7 of the contract signed with the EÜAŞ. Therefore, the contract has not been considered as a lease contract under TFRS 16, On the other hand, the Agreement is not accounted within the scope of TFRIC 12 Service Concession Agreements because although the residual interest of the power plants belongs to EÜAŞ, EÜAŞ does not control at what price electricity will be sold.

(Amounts expressed in Turkish Lira ("TL"), unless otherwise indicated)

# 10 Intangible assets (continued)

As of 30 June 2023 and 30 June 2022, movements of intangible assets are as follows:

	Licences	Operating rights	Softwares	Total
Cost as of 1 January 2023	9,722,805	324,100,000	3,992,066	337,814,871
Additions	602,750	-	431,159	1,033,909
Cost as of 30 June 2023	10,325,555	324,100,000	4,423,225	338,848,780
Accumulated depreciation as of 1 June 2023	(4,417,976)	(37,450,201)	(2,838,581)	(44,706,758)
Additions	(1,754,709)	(3,308,143)	(174,985)	(5,237,837)
Accumulated depreciation as of 30 June 2023	(6,172,685)	(40,758,344)	(3,013,566)	(49,944,595)
Net book value as of 30 June 2023	4,152,870	283,341,656	1,409,659	288,904,185
	Licences	Operating rights	Softwares	Total
Cost as of 1 January 2022	5,959,379	324,100,000	3,992,066	334,051,445
Additions	709,015	-	-	709,015
Cost as of 30 June 2022	6,668,394	324,100,000	3,992,066	334,760,460
Accumulated depreciation as of 1 June 2022	(1,772,050)	(30,833,915)	(2,545,470)	(35,151,435)
Additions	(1,158,617)	(3,307,810)	(161,936)	(4,628,363)
Accumulated depreciation as of 30 June 2022	(2,930,667)	(34,141,725)	(2,707,406)	(39,779,798)
Net book value as of 30 June 2022	3,737,727	289,958,275	1,284,660	294,980,662

Amortization expense of intangible assets amounting to TL 3,308,143 (30 June 2022: TL 3,307,810) has been reflected to cost of sales and amounting to TL 1,926,694 (30 June 2022: TL 1,320,553) has been reflected to general administrative expenses.

(Amounts expressed in Turkish Lira ("TL"), unless otherwise indicated)

## 11 Provisions, contingent assets and liabilities

## 11.1 Short-term provisions

As of 30 June 2023 and 31 December 2022, the breakdown of short-term provisions are as follows:

	30 June 2023	31 December 2022
Short-term provisions for employee benefits	24,630,593	22,597,724
Provision for litigations	16,297,994	12,460,451
	40,928,587	35,058,175

Short-term provisions for employee benefits consist of unused vacation days provisions. The current period movement table is as follows:

	2023	2022
Opening balance (1 January)	7,516,794	3,586,337
Net change in provision within the period	2,459,418	2,166,177
Closing balance (30 June)	9,976,212	5,752,514

Movement of premium provisions for the current period as follows:

	2023	2022
Opening balance (1 January)	15,080,930	2,919,735
Net change in provision within the period	(426,549)	547,001
Closing balance (30 June)	14,654,381	3,466,736

Other short-term provisions consist of provisions for ongoing litigations of the Group.

The movement table is as follows:

	2023	2022
Opening balance (1 January)	12,460,451	14,137,022
Net change in provision within the period	3,837,543	(1,984,488)
Closing balance (30 June)	16,297,994	12,152,534

(Amounts expressed in Turkish Lira ("TL"), unless otherwise indicated)

## 11 Provisions, contingent assets and liabilities (continued)

### 11.2 Contingent liabilities

As of 30 June 2023 and 31 December 2022, the Group's collateral / pledge / mortgage ("CPM") balances are as follows:

		30 June 2023	31 December 2022
	Currency	TL Amount	TL Amount
A. Guarantees given in the name of its own legal	TL	-	-
personality*	US Dollars	32,246,596,125	23,349,502,125
B.Guarantees given on behalf of the fully consolidated companies	TL	-	-
C.Total amount of CPM's given to other 3rd parties for the purpose of carrying out their ordinary commercial activities	TL	-	-
D. Other guarantees	TL	-	-
i. Guarantees given on behalf of the majority shareholder		-	-
ii. Guarantees given to on behalf of other group companies which are not in scope of B and C.	TL	-	-
iii. Guarantees given on behalf of third parties which are not in scope of C.		-	-
Total		32,246,596,125	23,349,502,125

<sup>\*</sup> On 2 December 2021, within the scope of the Eurobond, movable pledge was established on the Company's movable assets to form the guarantee of the bond issuance.

The Company are subject to litigation and regulatory proceedings in the normal course of the business. From time to time, The Company may be a party to legal proceedings, including, but not limited to, personal injury claims, commercial disputes, regulatory or administrative actions and employment matters. These proceedings may be brought by, among others, current, former or prospective employees, suppliers, governmental agencies or other third parties.

- Administrative fines and other administrative sanctions for all structures, with the decision of the Dalaman, Ortaca and Köyceğiz Municipal Committees, for alleged violation of the reconstruction legislation due to the absence of a building permit for Dalaman HPP 1-2-3-4-5 and Gökyar HPPs, Since these administrative actions are against the law and HPPs are public investments, they are exempt from construction permits. For this reason, lawsuits have been filed by the Company to the Administrative Courts for the cancellation of the transactions. As a result of the proceedings conducted by the courts, in 95 of these cases, the court decisions regarding the cancellation of the transaction in favor of the Company were notified to the Company, the court was decided one case rejected the transaction. Of the decisions given for the annulment of the aforementioned administrative transactions, i.n only 1 case, the request for annulment was rejected. Of the decisions on the annulment of administrative actions, 13 are under appeal at the Council of State and in 95 cases the annulment decisions have been finalized. The Company does not foresee any legal and financial risk in the form of any payment or penalty due to the administrative sanction decisions of the municipalities that have been decided to be cancelled.
- The Company provided a guarantee to one of the affiliates, Yatağan Termik Enerji Üretim A.Ş., ("Yatağan") a subsidiary of Aydem Holding, with respect to certain work that GE Enerji Endüstri Ticaret ve Servis A.Ş. ("GE") had contracted to perform for Yatağan. A dispute has arisen between Yatağan and GE, and as a result GE has initiated a lawsuit against Yatağan and the Company, seeking EUR 9.7 million in damages. During the litigation process, petitions and evidence regarding the claims and defences were submitted to the court by the parties. It was decided to examine the commercial books and records of the parties with the participation of experts. According to the "Settlement Agreement" signed between the parties on January 2, 2019, GE's balance receivable was determined as EUR 9.5 million and EUR 500,000 of this amount was paid by Yatağan. The report has been objected and an additional report is in progress. In this case, there is a possibility of an unfavorable decision in terms of EUR 9 million and accrued interest. The next lawsuit will be held on 21 December 2023. Even if the case is decided unfavorably, since the payment will be made by Yatağan, it is not considered that the Company will incur any liability as a guarantor.

(Amounts expressed in Turkish Lira ("TL"), unless otherwise indicated)

## 11 Provisions, contingent assets and liabilities (continued)

## 11.2 Contingent liabilities (continued)

- Within the scope of the authority granted by the Electricity Market Law, EMRA has decided on the Procedures and Principles Regarding the Determination and Implementation of Resource Based Support Fee ("Procedures and Principles") dated 17 March 2022 and numbered 10866. With the Board Decision dated 29 March 2022 and numbered 10887, amendments were made to the Procedures and Principles. Accordingly, it has been ruled that fixed price and approved bilateral agreements entered into the market management system, which is an operating system where all contracts in the market are entered for 1 February and later, before 8 March 2022 may be exempted if they are submitted to Energi Piyasaları İşletme A.Ş. ("EPİAŞ") together with the information and documents specified in the Procedures and Principles. According to the regulation, the bilateral agreements that are included in the scope of exemption will not be subject to the support price debt amount application. Following the Company's exemption application, which was duly submitted in due time within the scope of the Procedures and Principles, after the necessary information and documents were examined by EPİAŞ, the Company was notified by official letter that the Company's exemption application was accepted. In the following period, the Company performed the bilateral agreement transactions regarding the exemption in accordance with the relevant Procedures and Principles. At the end of the first 6-month implementation period of April - September 2022, with EMRA's Board Decision dated 29 September 2022 and numbered 11269, paragraph 1 of Article 7 of the Procedures and Principles was amended to enter into force on 1 October 2022. With the amended version of the article, the term "fixed price bilateral agreements" has been extended to include agreements up to the final consumer. On 13 January 2023, EMRA Board Decision dated 12 January 2023 and numbered 11574-13 was notified to the Company. In the aforementioned Board Decision, it was stated that it was determined that the Company had unjustly failed to pay the support fee debt amounts amounting to TL 264,859,740 in the April-September 2022 period and it was decided to collect these amounts. Taking into account the precedent decisions in this regard, the Company reserves its legal rights with the assessment that if this retroactive decision is cancelled, the unlawful administrative action will be eliminated retroactively. In accordance with the agreements, the Company will reflect the additional costs that may arise regarding the transactions made within the scope of bilateral agreements to Gediz Elektrik Perakende Satis A.S., one of the group companies.

As of 30 June 2023, in accordance with the EMRA Board Decision dated 12 January 2023 and numbered 11574-13, the Company has made refund to EPİAŞ amounting to TL 186.119.789 (including late fee and VAT) and reflected the same amount to Gediz EPSAŞ in accordance with the bilateral agreement. There is no impact on the financial statements related to this issue.

(Amounts expressed in Turkish Lira ("TL"), unless otherwise indicated)

## 11 Provisions, contingent assets and liabilities (continued)

## 11.3 Letters of guarantees received and guarantees given

	Currency	30 June 2023 TL equivalent	31 December 2022 TL equivalent
Guarantees given *	TL	266,850,617	85,560,503
Total		266,850,617	85,560,503

<sup>\*</sup> Guarantees given, in general, are comprised of the letters of guarantees given to the several institutions and organizations within the operations of the Group (to Energy Market Regulatory Authority ("EMRA"), Turkish Electricity Transmission Company ("TEİAŞ"), privatization administration and to the judicial authorities for some of the on-going lawsuits.

	Currency	30 June 2023 TL equivalent	31 December 2022 TL equivalent
	Currency	112 equivalent	112 equivalent
Guarantees received *	TL	17,367,725	18,973,478
Guarantees received *	EURO	5,976,756	9,809,833
Guarantees received **	US Dollars	2,922,770,501	1,918,251,978
		2,946,114,982	1,947,035,289

<sup>\*</sup> Guarantees received against the risk of failure to provide the services to be received from suppliers.

## 11.4 Long term provisions

As of 30 June 2023 and 31 December 2022, the long-term provisions are as follows:

	30 June 2023	<b>31 December 2022</b>
Provisions for retirement pay liability	62,823,515	34,742,233
	62,823,515	34,742,233

As of 30 June 2023 and 30 June 2022, movements of provisions for retirement pay liability are as follows:

	2023	2022
Opening balance (1 January)	34,742,233	11,543,311
Service cost	4,925,695	1,874,549
Interest cost	3,063,199	2,470,269
Retirement payments paid	(3,301,485)	(548,384)
Actuarial loss / (gain)	23,393,873	5,296,813
Closing balance (30 June)	62,823,515	20,636,558

<sup>\*\*</sup> Letters of guarantees received from Aydem EPSAŞ and Gediz EPSAŞ for electricity trade and regarding power plant investments.

(Amounts expressed in Turkish Lira ("TL"), unless otherwise indicated)

## 11 Provisions, contingent assets and liabilities (continued)

TFRS require actuarial valuation methods to be developed to estimate the enterprise's obligation under defined benefit plans. Accordingly, the following actuarial assumptions have been used in the calculation of the total liability. Related rates have been presented by considering the weighted average of actuarial assumptions of the subsidiaries within the scope of consolidation.

The main actuarial assumptions used as of 30 June 2023 and 31 December 2022 are as follows:

	30 June 2023	31 December 2022
Expected interest in the coming years %	9.40	22
Expected inflation in the coming years %	6.50	20
Expected probability of leaving without compensation in the coming years %	2.72	2.50

## 12 Liabilities for employee benefits

As of 30 June 2023 and 31 December 2022, short-term payables related to employee benefits are as follows:

	30 June 2023	31 December 2022
Social security withholdings payable	9,068,334	3,126,943
Payables to personnel	1,128,967	205,306
	10,197,301	3,332,249

(Amounts expressed in Turkish Lira ("TL"), unless otherwise indicated)

## 13 Other current, non-current assets and other liabilities

## 13.1 Other Current Assets

As of 30 June 2023 and 31 December 2022, other current assets are as follows:

	30 June 2023	<b>31 December 2022</b>
Advances to personnel	12,598	45,621
Short-term deferred value added tax ("VAT")	9,539	5,441
	22,137	51,062

### 13.2 Other Non-Current Assets

As of 30 June 2023 and 31 December 2022, other non-current assets are as follows:

	30 June 2023	31 December 2022
Long-term deferred VAT	32,723,346	11,032,099
	32,723,346	11,032,099

#### 13.3 Other Short Term Liabilities

As of 30 June 2023 and 31 December 2022, other liabilities are as follows:

	30 June 2023	31 December 2022
Taxes and funds payable Other	194,169,569 71,853	72,974,936 20,183
	194,241,422	72,995,119

(Amounts expressed in Turkish Lira ("TL"), unless otherwise indicated)

## 14 Financial liabilities

### 14.1 Issued bond liabilities

As of 30 June 2023 and 31 December 2022, terms and conditions of financial liabilities are as follows:

					30 June 2023
Currency	Effective interest rate	Maturity for the latest payment	Original currency amount	Short-term	Long-term
USD	8.75%	2027	702,894,986	1,358,148,049	16,792,779,464
				1,358,148,049	16,792,779,464

				31	December 2022
Currency	Effective interest rate	Maturity for the latest payment	Original currency amount	Short-term	Long-term
USD	8.75%	2027	705,262,674	1,005,910,538	12,181,302,520
				1,005,910,538	12,181,302,520

The Group on the Irish Stock Exchange issued USD 750,000,000 with a maturity of 5.5 years, coupon payments every 6 months, principal and coupon payments at maturity, annual fixed interest rate of 7.75%, on 2 August 2021. With the amount obtained through the bond issuance, the entire loan debt of the Company to the banks has been repaid, and the remaining amount is going to be used for the investments in line with the Company's growth strategy.

Between 11 May 2022 and 20 January 2023, USD 51,468,000 of the said bond was buyback transactions and the related amount was accounted for by deducting the amortized cost using the effective interest rate and the total bond amount.

The repayments of the bond and debt instruments agreements according to their original maturities as of 30 June 2023 and 31 December 2022 are as follows:

	30 June 2023	31 December 2022
To be noted within 2 months	(02 (29 (95	520 (15 252
To be paid within 3 months	693,628,685	520,615,252
To be paid within a 3-12 months	664,519,364	485,295,286
To be paid in 1-2 year	2,821,324,095	920,593,710
To be paid in 2-3 year	3,929,905,284	2,950,830,050
To be paid in 3-4 year	10,041,550,085	2,549,518,310
To be paid in 4-5 year	-	5,760,360,450
	18,150,927,513	13,187,213,058

(Amounts expressed in Turkish Lira ("TL"), unless otherwise indicated)

## 14 Financial liabilities (continued)

## 14.1 Issued bond liabilities (continued)

The movement of financial liabilities for the period ended 30 June 2023 and 2022 is as follows:

	2023	2022
1 January	13,187,213,058	10,056,394,409
Repayment of financial liabilities *	(31,902,842)	(273,156,538)
Interest accrued in the period	527,173,586	468,792,503
Interest paid	(508,601,760)	(388,478,438)
Exchange rate differences accrued in the period	3,179,453,554	344,773,970
Exchange rate differences subjected to cash flow hedge, accounted in OCI	1,797,591,917	2,046,421,236
30 June	18,150,927,513	12,254,747,142

<sup>\*</sup> Repurchase amount related to bond issuance.

### 14.2 Lease liabilities

The repayments of the lease liabilities according to their original maturities as of 30 June 2023 and 31 December 2022 are as follows:

	30 June 2023	31 December 2022
m 1 11 111	10 200 052	<b>7</b> 420 020
To be paid within a year	18,308,852	5,439,020
To be paid in 1-2 years	18,308,852	5,439,020
To be paid over 2 years	25,000,807	19,699,076
	61,618,511	30,577,116

For the period then ended as of 30 June 2023 and 2022, movements of lease of uses is as follows:

	2023	2022	
Lease Liabilities (1 January)	30,577,116	29,878,263	
Additions	43,679,648	37,989,641	
Accretion of interest	4,974,701	3,233,449	
Payments	(17,612,954)	(41,565,842)	
Lease Liabilities (30 June)	61,618,511	29,535,511	

(Amounts expressed in Turkish Lira ("TL"), unless otherwise indicated)

## 15 Nature and level of risks arising from financial instruments

### Financial instruments and financial risk management

The Group may be exposed to the following risks depending on the use of financial instruments:

- Credit risk
- Liquidity risk
- Market risk
- Operational risk

This note provides information on the Group's exposure to the risks outlined above, the Group's objectives, policies and processes for measuring and managing risk, and the Group's management of capital.

### Credit risk

Credit risk is the risk that a customer or a counterparty will fail to fulfil its obligations under the contract and is mainly attributable to customer receivables. The carrying values of financial assets represent the maximum exposure to credit risk.

The maximum credit risk the Group is exposed to as of 30 June 2023 and 31 December 2022 are as follows:

		Receivables			
30 June 2023	Trade recei	ivables	Other rece	Other receivables	
	Related parties	Other parties	Related parties	Other parties	equivalents
Maximum exposure to credit risk as of reporting date (A+B+C+D+E)	1,204,717,207	41,859,150	49,626,464	15,285,158	1,879,401,741
- Secured part of the maximum credit risk exposures via collateral etc.	1,204,717,207	-	-	-	-
A. Net book value of financial assets those are neither overdue nor impaired	547,461,981	41,859,150	49,626,464	15,285,158	1,879,401,741
B. Net book value of assets that are overdue but not impaired	657,255,226	-	-	-	
C. Net book value of impaired financial assets	-	-	-	-	-
- Overdue (gross carrying amount)	-	7,139,110	-	-	-
- Impairment amount (-)	_	(7,139,110)	-	-	-
- Secured portion covered with guarantees,etc	-	-	1	-	-
- Overdue (gross carrying amount)	-	-	ı	1	-
- Impairment amount (-)	-	-	-	-	-
- Secured portion covered with guarantees,etc	-	-	-	-	-
D. Off-balance sheet items including risk	-	-	-	-	-

(Amounts expressed in Turkish Lira ("TL"), unless otherwise indicated)

# Nature and level of risks arising from financial instruments(continued)

## Credit risk(continued)

	Receivables				
31 December 2022	Trade rec	eivables	Other re	eceivables	Cash and cash
	Related	Other	Related	Other	equivalents
	parties	parties	parties	parties	
Maximum exposure to	1,232,399,579	71,698,183	35,007,156	32,019,411	1,293,793,214
credit risk as of reporting					
date (A+B+C+D+E)					
- Secured part of the	1,232,399,579	-	-	-	-
maximum credit risk					
exposures via collateral etc.					
A. Net book value of	670,675,497	71,698,183	35,007,156	32,019,411	1,293,793,214
financial assets those are					
neither overdue nor					
impaired					
B. Net book value of assets	561,724,082	-	-	-	-
that are overdue but not					
impaired					
C. Net book value of	-	-	-	-	-
impaired financial assets					
- Overdue (gross carrying	-	7,157,761	-	-	-
amount)					
- Impairment amount (-)	-	(7,157,761)	-		-
- Secured portion covered	-	-	-	-	-
with guarantees,etc					
- Overdue (gross carrying	-	=	-	-	-
amount)					
- Impairment amount (-)	-	=	-	-	-
- Secured portion covered	-	-	-	-	-
with guarantees,etc					
D. Off-balance sheet items	-	-	-	-	-
including risk					

(Amounts expressed in Turkish Lira ("TL"), unless otherwise indicated)

## 15 Nature and level of risks arising from financial instruments (continued)

## Liquidity risk

Liquidity risk is the risk that the Group will not be able to meet its financial liabilities in the future. The Group's liquidity risk is managed by providing sufficient financing facilities from various financial institutions in a way that does not harm or damage the Group's reputation in order to fund the current and future debt requirements under normal conditions or in crisis situations.

As at 30 June 2023 and 31 December 2022, the maturity of financial liabilities including estimated interest payments according to the payment schedule is as follows:

30 June 2023	Book value	Contractual cash outflow	0-3 months	3-12 months	<u>1-5 years</u>	> 5 years
Non-derivative financial liabilities						
Financial liabilities	18,150,927,513	22,931,140,198	698,982,640	698,982,640	21,533,174,918	-
Financial lease liabilities (TFRS 16)	61,618,511	167,052,738	4,826,917	21,646,060	44,468,746	96,111,015
Other long term payables to related parties	44,977,201	174,329,348	-	-	-	174,329,348
Trade payables to related parties	2,286,744	2,286,744	2,286,744	-	-	-
Trade payables to third parties	597,840,969	684,463,418	645,286,635	39,176,783	-	-
Total	18,857,650,938	23,959,272,446	1,351,382,936	759,805,483	21,577,643,664	270,440,363
31 December 2022	Book Value	Contractual cash outflow	0-3 months	3-12 months	<u>1-5 years</u>	> 5 years
Non-derivative financial liabilities						
Financial liabilities	13,187,213,058	17,221,233,439	524,642,623	510,162,847	16,186,427,969	-
Financial lease liabilities (TFRS 16)	30,577,116	131,957,842	2,163,394	9,782,596	21,874,312	98,137,540
Other long term payables to related parties	40,210,706	174,329,348	· -	-	-	174,329,348
Trade payables to related parties	7,724,157	7,724,157	7,724,157	-	-	-
Trade payables to third parties	467,450,099	467,450,106	460,753,097	6,697,009	-	-
Total	13.733.175.136	18.002.694.892	995.283.271	526,642,452	16.208.302.281	272,466,888

#### Market risk

Market risk; The risk of changes in the money market, such as exchange rates, interest rates or the prices of instruments traded in the securities markets, may change the Group's income or the value of its financial assets. Market risk management aims to optimize return while controlling market risk exposure within acceptable limits.

(Amounts expressed in Turkish Lira ("TL"), unless otherwise indicated)

# 15 Nature and level of risks arising from financial instruments (continued)

## **Currency risk**

While the Group's functional currency is Turkish Lira, the Group is exposed to foreign exchange risks. The Group has outstanding US Dollar debt instruments due to power plant investments. The Group also realizes significant USD indexed sales within the scope of the Feed-in Tariff.

As of 30 June 2023 and 31 December 2022, the foreign currency position of the Group arises from foreign currency assets and liabilities stated in the table below.

			30 June 2023
			Original Amounts
	TL Equivalent	US Dollars	EUR
Assets			
Cash and cash equivalents	967,555,442	37,085,463	351,418
Financial investments	1,052,375,379	40,753,255	-
Other receivables from related parties	49,626,464	1,921,786	-
Trade receivables from related parties	1,204,717,207	46,652,695	-
Total Asset	3,274,274,492	126,413,199	351,418
Liabilities			
Short-term and long-term financial liabilities	(18,150,927,513)	(702,894,986)	_
Short-term trade payables to third parties	(526,426,221)	(19,753,439)	(580,066)
Total liabilities	(18,677,353,734)	(722,648,425)	(580,066)
Foreign currency liability position	(15,403,079,242)	(596,235,226)	(228,648)
Amounts subject to cash flow hedge accounting *	15,455,951,689	598,532,000	
Amounts subject to cash now neage accounting	13,433,731,007	370,332,000	
Net foreign currency position after cash flow hedge	52,872,447	2,296,774	(228,648)
			21 D 2022
			31 December 2022 Original Amounts
	TL Equivalent	US Dollars	31 December 2022 Original Amounts EUR
Assets	TL Equivalent	US Dollars	Original Amounts
			Original Amounts EUR
Assets  Cash and cash equivalents Financial investments	TL Equivalent  829,339,997 345,804,691	US Dollars 43,337,246 18,493,911	Original Amounts
Cash and cash equivalents Financial investments Trade receivables from third parties	829,339,997 345,804,691 474	43,337,246 18,493,911 20	Original Amounts EUR
Cash and cash equivalents Financial investments Trade receivables from third parties Other receivables from related parties	829,339,997 345,804,691 474 35,007,144	43,337,246 18,493,911 20 1,872,210	Original Amounts EUR  953,462
Cash and cash equivalents Financial investments Trade receivables from third parties	829,339,997 345,804,691 474	43,337,246 18,493,911 20	Original Amounts EUR
Cash and cash equivalents Financial investments Trade receivables from third parties Other receivables from related parties	829,339,997 345,804,691 474 35,007,144	43,337,246 18,493,911 20 1,872,210	Original Amounts EUR  953,462
Cash and cash equivalents Financial investments Trade receivables from third parties Other receivables from related parties Trade receivables from related parties	829,339,997 345,804,691 474 35,007,144 1,227,369,555	43,337,246 18,493,911 20 1,872,210 65,621,301	953,462 - 5 - 18,198
Cash and cash equivalents Financial investments Trade receivables from third parties Other receivables from related parties Trade receivables from related parties  Total assets	829,339,997 345,804,691 474 35,007,144 1,227,369,555	43,337,246 18,493,911 20 1,872,210 65,621,301	953,462 - 5 - 18,198
Cash and cash equivalents Financial investments Trade receivables from third parties Other receivables from related parties Trade receivables from related parties  Total assets  Liabilities	829,339,997 345,804,691 474 35,007,144 1,227,369,555 <b>2,437,521,861</b>	43,337,246 18,493,911 20 1,872,210 65,621,301 129,324,688	953,462 - 5 - 18,198
Cash and cash equivalents Financial investments Trade receivables from third parties Other receivables from related parties Trade receivables from related parties  Total assets  Liabilities Short-term and long-term financial liabilities Short-term trade payables to third parties  Total liabilities	829,339,997 345,804,691 474 35,007,144 1,227,369,555 <b>2,437,521,861</b> (13,187,213,058)	43,337,246 18,493,911 20 1,872,210 65,621,301 129,324,688	953,462
Cash and cash equivalents Financial investments Trade receivables from third parties Other receivables from related parties Trade receivables from related parties  Total assets  Liabilities Short-term and long-term financial liabilities Short-term trade payables to third parties	829,339,997 345,804,691 474 35,007,144 1,227,369,555 2,437,521,861 (13,187,213,058) (86,669,170)	43,337,246 18,493,911 20 1,872,210 65,621,301 129,324,688 (705,262,674) (3,953,674)	953,462 - 5 - 18,198  971,665
Cash and cash equivalents Financial investments Trade receivables from third parties Other receivables from related parties Trade receivables from related parties  Total assets  Liabilities Short-term and long-term financial liabilities Short-term trade payables to third parties  Total liabilities	829,339,997 345,804,691 474 35,007,144 1,227,369,555 2,437,521,861 (13,187,213,058) (86,669,170) (13,273,882,228)	43,337,246 18,493,911 20 1,872,210 65,621,301 129,324,688 (705,262,674) (3,953,674) (709,216,348)	953,462 - 5 - 18,198  971,665
Cash and cash equivalents Financial investments Trade receivables from third parties Other receivables from related parties Trade receivables from related parties  Total assets  Liabilities Short-term and long-term financial liabilities Short-term trade payables to third parties  Total liabilities Foreign currency liability position	829,339,997 345,804,691 474 35,007,144 1,227,369,555  2,437,521,861  (13,187,213,058) (86,669,170)  (13,273,882,228) (10,836,360,367)	43,337,246 18,493,911 20 1,872,210 65,621,301 129,324,688 (705,262,674) (3,953,674) (709,216,348) (579,891,660)	953,462 - 5 - 18,198  971,665

<sup>\*</sup> Please refer to Note 2.7.

(Amounts expressed in Turkish Lira ("TL"), unless otherwise indicated)

# 15 Nature and level of risks arising from financial instruments (continued)

### **Currency risk** (continued)

### Sensitivity analysis

The Group is mainly exposed to foreign currency risk in USD Dollars. The following table details the Group's sensitivity to a 10% increase and decrease in US Dollars and Euro, 10% is the rate used to report the exchange rate risk within the Group to the executives and this rate indicates the possible change in the exchange rates expected by the management. The sensitivity analysis covers only foreign currency denominated monetary items at the end of the year and shows the effects of the 10% increase in foreign exchange rates of these items at the end of the year excluding tax effects. A positive value indicates an increase in profit or loss and other equity items.

Exchange rate sensitivity analysis table			
30 June 2023			
	Increase in value of foreign currency	Decrease in value of foreign currency	
If TL gains / loses 10% against US dollar			
1- TL net assets / liabilities	(1,539,664,186)	1,539,664,186	
2- TL hedged portion (-)	1,545,595,169	(1,545,595,169)	
3- TL net effect (1 + 2)	5,930,983	(5,930,983)	
If the TL gains / loses 10% against the Euro			
4- TL net assets / liabilities	(643,736)	643,736	
5- TL hedged portion (-)	-	-	
6- Net effect of TL (4 + 5)	(643,736)	643,736	
Total (3 + 6)	5,287,247	(5,287,247)	

Exchange rate sensitivity analysis table		
31 December 2022		
	Increase in value of foreign currency	Decrease in value of foreign currency
If TL gains / loses 10% against US dollar		
1- TL net assets / liabilities	(1,118,879,293)	1,118,879,293
2- TL hedged portion (-)	1,122,292,534	(1,122,292,534)
3- TL net effect (1 + 2)	3,413,241	(3,413,241)
If the TL gains / loses 10% against the Euro	-	-
4- TL net assets / liabilities	662,788	(662,788)
5- TL hedged portion (-)	-	-
6- Net effect of TL (4 + 5)	662,788	(662,788)
Total (3 + 6)	4,076,029	(4,076,029)

(Amounts expressed in Turkish Lira ("TL"), unless otherwise indicated)

# 15 Nature and level of risks arising from financial instruments (continued)

## Capital risk managements

In managing capital, the Group's objectives are to maintain the Group's ability to continue to operate in order to maintain an optimal capital structure to provide returns to shareholders, benefits to other shareholders, and to reduce capital costs.

In order to maintain or adjust the capital structure, the Group determines the amount of dividend payable to shareholders.

The Group monitors capital on the basis of the net financial debt / equity ratio. Net financial debt is calculated by deducting cash and cash equivalents from total financial debt.

As of 30 June 2023 and 31 December 2022 net financial liabilities / equity ratios are as follows:

	30 June 2023	<b>31 December 2022</b>
Total financial liabilities *	18,150,927,513	13,187,213,058
Cash and cash equivalents	(2,931,777,120)	(1,649,137,878)
Net financial liabilities	15,219,150,393	11,538,075,180
Equity	14,063,635,869	17,078,251,924
	108.22%	67.56%

<sup>\*</sup> Includes issued bond liabilities (Note 14.1).

### Fair value of financial instruments

When measuring the fair value of an asset or liability, the Company uses market observable inputs. Fair value measurements are categorised into different levels of the fair value hierarchy based on the information used in the valuation techniques described below.

- Level 1: Quoted prices (unadjusted) in markets for identical assets or liabilities;
- Level 2: Inputs other than quoted prices included in Level 1 that are observable for the asset or liability, either directly (as prices) or indirectly (derived from prices); and
- Level 3: Inputs for the asset or liability that are not based on observable market data (unobservable inputs).

If the information used to measure the fair value of an asset or liability can be categorised into a different level of the fair value hierarchy, that fair value is categorised into the same level of the fair value hierarchy that includes the least significant information for the overall measurement.

The Company recognises transfers between levels in the fair value hierarchy at the end of the reporting period in which the change occurs.

Fair value is the amount that would be realised in a sale transaction between two parties willing to exchange a financial asset, other than in a forced sale or liquidation, and is most readily measurable at fair value.

(Amounts expressed in Turkish Lira ("TL"), unless otherwise indicated)

# 15 Nature and level of risks arising from financial instruments (continued)

### Fair value of financial instruments (continued)

The Company has generally assumed that the carrying amounts of financial instruments with short remaining maturities or financial instruments that are initially recognised close to the reporting date approximate their fair values. It is also assumed that the fair value of foreign currency assets and liabilities within financial instruments, which are translated into Turkish Lira at the year-end exchange rate, approximates their carrying value.

However, since it is necessary to use judgement to determine the estimated fair value, fair value measurements may not reflect the values that may occur in current market conditions. Therefore, apart from the aforementioned assumptions, inputs that are not based on observable market data for financial assets or liabilities (unobservable inputs), which are used by the Company management in the use of judgement in fair value analysis, have been assessed within the scope of the classification defined as level 3 of the valuation method for the comparative fair value analysis of long-term financial liabilities.

As at 31 December 2022, the Company's central assets are measured at fair value determined by an independent professional valuation company using other valuation techniques that include direct or indirect observable inputs (Level 3).

#### Financial assets

The carrying values of financial assets including cash and cash equivalents which are accounted with their costs are estimated to be their fair values since they are short term.

The carrying values of trade receivables along with the related allowances for uncollectability are estimated to be their fair values.

### Financial liabilities

The carrying values of trade payables are estimated to be their fair values since they are short term and leasing liabilities are estimated to be their fair values assuming that there is no significant change in the market prices of similar leases with the same maturity.

### Derivative instruments

The Company uses derivative financial instruments (mainly foreign currency forward contracts) to hedge its foreign currency risk. Derivative financial instruments are measured at fair value at the contract date and remeasured at fair value at subsequent reporting dates. Changes in the fair value of derivative financial instruments are recognised in the statement of profit or loss in the period in which they arise.

(Amounts expressed in Turkish Lira ("TL"), unless otherwise indicated)

## 16 Earnings per share

The calculation of basic and diluted Earnings per share for the period ended 30 June 2023 was based on the profit attributable to ordinary shareholders and a weighted average number of ordinary shares as follows:

	30 June 2023	30 June 2022
Numerator: Income / (loss) for the period attributable to owners of the company	(1,556,096,660)	733,067,867
Denominator: Weighted average number of shares	702,336,389	702,178,563
Basic and diluted profit /(loss) per share (full TL)	(2,22)	1,04
30 June 2023	Number of shares	Time weighting (days)
Outstanding ordinary shares as of 1 January 2023 (Par Value: TL 1)	705,000,000	10
Outstanding ordinary shares as of 11 January 2023	704,800,000	13
Outstanding ordinary shares as of 24 January 2023	704,100,000	24
Outstanding ordinary shares as of 17 February 2023	704,050,000	5
Outstanding ordinary shares as of 22 February 2023	703,740,000	40
Outstanding ordinary shares as of 3 April 2023	703,440,000	1
Outstanding ordinary shares as of 4 April 2023	703,240,000	1
Outstanding ordinary shares as of 5 April 2023	703,140,000	1
Outstanding ordinary shares as of 6 April 2023	703,040,000	1
Outstanding ordinary shares as of 7 April 2023	702,940,000	3
Outstanding ordinary shares as of 10 April 2023	702,840,000	1
Outstanding ordinary shares as of 11 April 2023	702,740,000	6
Outstanding ordinary shares as of 17 April 2023	702,640,000	1
Outstanding ordinary shares as of 18 April 2023	702,540,000	1
Outstanding ordinary shares as of 19 April 2023	702,490,000	6
Outstanding ordinary shares as of 25 April 2023	740,420,000	1
Outstanding ordinary shares as of 26 April 2023	702,220,000	7
Outstanding ordinary shares as of 3 May 2023	701,920,000	6
Outstanding ordinary shares as of 9 May 2023	701,420,000	1
Outstanding ordinary shares as of 10 May 2023	700,920,000	1
Outstanding ordinary shares as of 11 May 2023	699,920,000	1
Outstanding ordinary shares as of 12 May 2023	698,920,000	49
Weighted average for the period	702,336,389	180 / 180

(Amounts expressed in Turkish Lira ("TL"), unless otherwise indicated)

# **Earnings per share(continued)**

30 June 2022	Number of shares	Time weighting (days)
Outstanding ordinary shares as of 1 January 2022 (Par Value: TL 1)	705,000,000	47
Outstanding ordinary shares as of 17 February 2022	704,800,000	4
Outstanding ordinary shares as of 21 February 2022	704,100,000	1
Outstanding ordinary shares as of 22 February 2022	704,050,000	1
Outstanding ordinary shares as of 23 February 2022	703,740,000	6
Outstanding ordinary shares as of 1 March 2022	703,240,000	8
Outstanding ordinary shares as of 9 March 2022	702,740,000	2
Outstanding ordinary shares as of 11 March 2022	702,576,498	5
Outstanding ordinary shares as of 16 March 2022	702,376,498	7
Outstanding ordinary shares as of 23 March 2022	701,876,498	15
Outstanding ordinary shares as of 7 April 2022	701,696,498	4
Outstanding ordinary shares as of 11 April 2022	701,396,498	2
Outstanding ordinary shares as of 13 April 2022	700,896,498	5
Outstanding ordinary shares as of 18 April 2022	700,596,498	7
Outstanding ordinary shares as of 25 April 2022	700,396,498	23
Outstanding ordinary shares as of 18 May 2022	700,196,498	7
Outstanding ordinary shares as of 25 May 2022	699,896,498	15
Outstanding ordinary shares as of 9 June 2022	699,596,498	7
Outstanding ordinary shares as of 16 June 2022	699,566,498	14
Weighted average for the period	702,316,944	180 / 180

# 17 Prepaid expenses

As of 30 June 2023 and 31 December 2022, short term prepaid expenses as follows:

	30 June 2023	31 December 2022
Advances given for purchase orders	21,255,563	15,636,037
Prepaid expense for the following months	33,972,481	3,941,919
Job advances	1,175,065	520,882
	56,403,109	20,098,838

As of 30 June 2023 and 31 December 2022, long term prepaid expenses as follows:

	30 June 2023	31 December 2022
Advances given	615,643,553	390,314,940
	615,643,553	390,314,940

(Amounts expressed in Turkish Lira ("TL"), unless otherwise indicated)

## 18 Financial investments

As of 30 June 2023 and 31 December 2022, financial investments are as follows:

	30 June 2023	<b>31 December 2022</b>
Restricted accounts	468,700,448	345,804,691
- Interest reserve account related to Eurobond *	468,700,448	345,804,691
Currency protected deposits **	543,586,144	9,539,973
Other financial investments ***	40,088,787	-
	1,052,375,379	355,344,664

<sup>\*</sup> The Company shall, so long as any Note remains outstanding, fund the interest reserve account on a monthly basis and maintain the required balance given the amount of upcoming interest payment. The amount standing in the account will gradually increase and finally be equal to debt service amount on the date of debt service.

## 19 Financial income and expense

The details of finance income for the year ended 30 June 2023 and 2022 is as follows:

	1 January- 30 June 2023	1 January- 30 June 2022
Foreign exchange income arising from financing activities	415,252,332	223,234,337
Interest income	54,199,756	69,642,701
Income from derivative transactions	10,495,598	, , , <u>-</u>
Income arising from Eurobond buy-back	4,704,947	-
Interest income from related parties	1,505,335	17,466
Other	2,948,597	276,142
	489,106,565	293,170,646

The details of financial expenses for the year ended 30 June 2023 and 2022 is as follows:

	1 January- 30 June 2023	1 January- 30 June 2022
Foreign exchange losses arising from financing activities *	(3,238,007,216)	(438,199,060)
Bond interest expenses	(445,257,431)	(316,705,492)
Bank commission and other expenses	(4,653,591)	(3,580,810)
Right of use obligations interest expenses (Note 14.2)	(4,974,701)	(3,233,449)
	(3,692,892,939)	(761,718,811)

<sup>\*</sup> As of 30 June 2023, it includes unrealised foreign exchange loss related to bond liability amounting to TL 3,127,019,353.

<sup>\*\*</sup> Includes fair value accrual amounting to TL 128,515,337 and recognized in income from investment activities.

<sup>\*\*\*</sup> Amount of investment fund predominantly including foreign currency based bonds.

(Amounts expressed in Turkish Lira ("TL"), unless otherwise indicated)

## 20 Taxation on income

Reconciliation of effective tax rate

As of 30 June 2023 and 2022, the reported tax provision is different from the amount calculated using the statutory tax rate on profit before tax. The reconciliation of tax expense / income is as follows:

	1 January-	1 January-
	30 June 2023	30 June 2022
Period profit/(loss)	(1,556,096,660)	733,067,867
Tax income/(expenses)	246,133,642	(265,632,290)
Profit/(Loss) before taxation	(1,802,230,302)	998,700,157
Tax calculated with the company's legal tax rate	414,512,969	(229,701,036)
Non-deductible expenses	(103,982,414)	(57,819,870)
Effect of use of different tax rate *	(54,066,909)	21,992,036
Other	(10,330,004)	(103,420)
Tax expense	246,133,642	(265,632,290)

<sup>\*</sup> The effect arises from the use of 20% rate in deferred tax calculation for long-term temporary differences

## Deferred tax liabilities

The movement of deferred tax liability is as follows:

	2023	2022
At the beginning of the period	4,431,914,609	2,485,110,016
Recognized in other comprehensive income	(345,529,827)	(410,343,610)
Recognised in profit or loss	(246,133,642)	265,632,290
End of period closing balance	3,840,251,140	2,340,398,696

As of 30 June 2023 and 31 December 2022, the breakdown of deferred tax liabilities is as follows:

	30 June 2023	<b>31 December 2022</b>
Provisions for retirement pay liability	13,240,545	7,132,405
Provision for litigation	3,259,600	2,492,091
Rediscount on payables	(4,273,874)	(5,227,173)
Amortized cost adjustment for financial borrowings	(69,949,289)	(42,954,215)
Property, plant and equipment and intangible assets	160,741,527	104,562,764
Increase in value of tangible assets	(5,635,330,226)	(5,635,330,226)
Effect of capitalized borrowing costs in profit or loss statement	726,940,023	595,558,355
Deferred tax asset from carry forward tax losses	938,737,231	529,756,057
Adjustments regarding currency protected deposits	(24,049,010)	· · · · -
Adjustments regarding foreign exchange arising from advances	37,477,811	_
Other	12.954.522	12,095,333
	(3.840.251.140)	(4,431,914,609)

(Amounts expressed in Turkish Lira ("TL"), unless otherwise indicated)

# 21 Events after the reporting period

- Within the scope of share buyback resolution adopted by our Board of Directors on February 14, 2022, 500,000 shares in the amount of TL 7,023,105 in total (TL 14.046210 on average) were repurchased between July 1, 2023, and August 15, 2023.
- Within the scope of the repurchase buy-back decision taken by our Board of Directors on May 11, 2022, Eurobonds with a total nominal value of USD 18,000,000 were repurchased between July 1, 2023 and August 15, 2023.
- On July 15, 2023, the corporate tax rate has been increased from 20% to 25% and the new rate is effective from July 2023 with the "Law on Additional Motor Vehicles Tax for the Compensation of Economic Losses Caused by Earthquakes Occurring on February 6, 2023 and Amendments to Certain Laws and Decree Law No. 375" published in the Official Gazette dated July 15, 2023. The Group is in the process of assessing the impact of the amendment on financial position of the Group.
- As of 2 August 2023, in order to be transferred into the related investors' accounts, USD 26,370,615 has been paid as the payment of fourth coupons with regard to our Company's USD 750 million 5.5 year maturity bonds.