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# HUAZHANG TECHNOLOGY HOLDING LIMITED

華章科技控股有限公司

(Incorporated in the Cayman Islands with limited liability)

(Stock Code: 1673)

# INTERIM RESULTS ANNOUNCEMENT FOR THE SIX MONTHS ENDED 31 DECEMBER 2022

#### FINANCIAL HIGHLIGHTS

	For the six months ended 31 December					
	<b>2022</b> 2021 Char					
	RMB	RMB	%			
Revenue	157,068,849	175,848,317	(10.7)			
Gross profit	31,288,624	16,352,655	91.3			
Gross profit margin	19.9%	9.3%	10.6			
Loss for the period	27,667,141	(76,228,226)	(63.7)			
Net loss margin	(17.6)%	(43.3)%	25.7			
Loss attributable to the shareholders						
of the Company	(27,309,171)	(76,273,080)	(64.2)			
Loss per share attributable to						
the shareholders of the Company						
(RMB cents per share)						
— basic	(2.57)	(8.60)				
— diluted	(2.57)	(8.60)				

# The Board resolved not to declare any interim dividend for the six months ended 31 December 2022.

#### **INTERIM RESULTS**

The board (the "**Board**") of directors (the "**Directors**") of Huazhang Technology Holding Limited (the "**Company**") is pleased to present the unaudited condensed consolidated results of the Company and its subsidiaries (together, the "**Group**") for the six months ended 31 December 2022, together with the unaudited comparative figures for the corresponding period in 2021.

# Condensed consolidated statement of profit or loss and other comprehensive income

		For the six months ended <b>31 December</b>			
		2022	2021		
	Notes	(Unaudited)	(Unaudited)		
	nones	(Chadanted) RMB	(Chaddhed) RMB		
REVENUE	4	157,068,849	175,848,317		
Cost of sales		(125,780,225)	(159,495,662)		
Gross profit		31,288,624	16,352,655		
Selling and distribution expenses		(3,983,140)	(8,373,285)		
Administrative expenses		(37,712,256)	(47,206,766)		
Research and development expenses		(14,525,499)	(28,510,416)		
Net impairment losses on financial and		(	(,,,)		
contract assets		(2,615,639)	(20,779,680)		
Other income and gains, net	5	3,560,765	8,814,692		
Other meome and gams, net	5	3,300,703	0,014,092		
OPERATING LOSS		(23,987,145)	(79,702,800)		
Finance income		2,528,813	446,000		
Finance costs		(5,895,498)	(10,360,580)		
Finance costs — net	7	(3,366,685)	(9,914,580)		
LOSS BEFORE INCOME TAX	6	(27,353,830)	(89,617,380)		
Income tax (expense)/credit	8	(313,311)	13,389,154		
LOSS FOR THE PERIOD		(27,667,141)	(76,228,226)		
(Loss)/profit attributable to:					
— Shareholders of the Company		(27,309,171)	(76,273,080)		
— Non-controlling interests		(357,970)	44,854		
— Non-controlling interests		(331,310)			
		(27,667,141)	(76,228,226)		

		For the six months ended <b>31</b> December		
		2022	2021	
	Notes	(Unaudited)	(Unaudited)	
		RMB	RMB	
LOSS PER SHARE ATTRIBUTABLE TO THE SHAREHOLDERS OF THE COMPANY				
— Basic losses per share	10	(2.57)	(8.60)	
— Diluted losses per share	10	(2.57)	(8.60)	
LOSS FOR THE PERIOD		(27,667,141)	(76,228,226)	
<b>OTHER COMPREHENSIVE INCOME</b>				
Items that may be reclassified to profit or loss:				
Exchange differences on translation of				
foreign operations		1,328,972	242,892	
<b>OTHER COMPREHENSIVE INCOME</b>				
FOR THE PERIOD, NET OF TAX		1,328,972	242,892	
TOTAL COMPREHENSIVE LOSS				
FOR THE PERIOD		(26,338,169)	(75,985,334)	
TOTAL COMPREHENSIVE LOSS				
FOR THE PERIOD ATTRIBUTABLE TO:				
— Shareholders of the Company		(25,980,199)	(76,030,188)	
— Non-controlling interests		(357,970)	44,854	
		(76 220 120)	(75.095.224)	
		(26,338,169)	(75,985,334)	

# Condensed consolidated statement of financial position

	Notes	31 December 2022 (Unaudited) <i>RMB</i>	30 June 2022 (Audited) <i>RMB</i>
ASSETS			
NON-CURRENT ASSETS	1 1		70 772 020
Property, plant and equipment	11	67,808,222	70,773,929
Other right-of-use assets		4,030,780	4,622,858
Investment properties		95,089,408	98,066,629
Prepaid land lease payments	10	72,973,176	73,752,172
Goodwill Other inter sible costs	12	29,902,783	29,902,783
Other intangible assets Deferred tax assets		6,906,347 870,371	8,213,256
Investments in an associate		8/0,3/1	870,371 50,000
Financial assets at fair value		—	30,000
through profit or loss		4,807,255	4,807,255
Trade and other receivables	13(i)	37,976,635	38,542,965
Prepayments	13(i) 13(iii)	150,192	156,722
repayments	15(111)	150,172	150,722
Total non-current assets		320,515,169	329,758,940
CURRENT ASSETS			
Inventories		162,922,185	138,104,557
Trade and other receivables	13(i)	179,859,429	193,787,833
Prepayments	13(iii)	136,943,851	95,145,050
Financial assets at fair value through other			
comprehensive income ("FVOCI")		58,965,392	43,086,801
Pledged deposits		23,130,058	28,844,290
Restricted deposits		38,683,711	52,312,844
Contract assets	13(ii)	34,335,973	19,716,995
Cash and cash equivalents		52,598,078	141,048,866
Total current assets		687,438,677	712,047,236
Total assets		1,007,953,846	1,041,806,176

	Notes	31 December 2022 (Unaudited)	30 June 2022 (Audited)
		RMB	RMB
LIABILITIES			
NON-CURRENT LIABILITIES			
Deferred tax liabilities		4,864,108	5,153,893
Deferred income		20,812,500	21,487,500
Lease liabilities		2,831,931	3,389,334
Total non-current liabilities		28,508,539	30,030,727
CURRENT LIABILITIES			
Trade and other payables	14	337,479,047	406,325,565
Contract liabilities		224,823,450	163,933,039
Interest-bearing loans		37,990,000	38,500,000
Income tax payable		6,350,223	5,866,781
Lease liabilities		1,090,119	1,086,798
Total current liabilities		607,732,839	615,712,183
Total liabilities		636,241,378	645,742,910
NET ASSETS		371,712,468	396,063,266
EQUITY		9 007 7/1	0.007.7(1
Share capital		8,907,761 663,145,447	8,907,761 663,145,447
Share premium Other reserves		125,404,628	122,088,285
Accumulated losses		(420,464,628)	(393,155,457)
Accumulated losses		(120,101,020)	(393,133,437)
Capital and reserves attributable to the			
shareholders of the Company		376,993,208	400,986,036
Non-controlling interests		(5,280,740)	(4,922,770)
-			
Total equity		371,712,468	396,063,266

# **1** General information

The Company was incorporated on 26 June 2012 in the Cayman Islands as an exempted company with limited liability under the Companies Act, Cap. 22 (Act 3 of 1961, as consolidated and revised) of the Cayman Islands. The address of its registered office is Cricket Square, Hutchins Drive, P.O. Box 2681, Grand Cayman KY1-1111, Cayman Islands.

The Company's shares listed on the Stock Exchange have been suspended from trading since 3 October 2022.

The Company is an investment holding company. The Group is principally engaged in the research and development, manufacture and sale of industrial products, project contracting services, environmental products and the provision of supporting services in the People's Republic of China (the "**PRC**").

These condensed consolidated interim financial statements are presented in Renminbi Yuan ("**RMB**"), unless otherwise stated. These condensed consolidated interim financial statements were approved and authorised for issue by the Board on 27 February 2023.

These condensed consolidated interim financial statements have not been audited.

#### 2 Basis of preparation

These condensed consolidated interim financial statements for the six months ended 31 December 2022 have been prepared in accordance with Hong Kong Accounting Standard ("**HKAS**") 34, 'Interim financial reporting'. The condensed consolidated interim financial statements should be read in conjunction with the annual financial statements of the Company for the year ended 30 June 2022, which have been prepared in accordance with Hong Kong Financial Reporting Standards ("**HKFRSs**") except for the adoption of new and amended standards as disclosed in Note 3.

#### **3** Significant accounting policies

Except as described below, the accounting policies applied are consistent with those of the annual financial statements for the year ended 30 June 2022, as described in those annual financial statements.

# 3.1 New and amended standards adopted by the Group

The Group has applied no standards and amendments for the first time for their annual reporting period commencing 1 July 2022.

#### 3.2 New standards, amendments and interpretations not yet adopted by the Group

Certain new accounting standards, amendments and interpretations to existing standards have been published that are not mandatory for the financial year beginning 1 July 2022 and relevant to the Group and have not been early adopted by the Group.

Standards, amendments and interpretations	Key requirements	Effective for annual periods beginning on or after
HKFRS 17 (including the October 2020 and February 2022 Amendments to HKFRS 17)	Insurance Contracts	1 January 2023
HKAS 1 (Amendments)	Classification of Liabilities as Current or Non-current and related amendments to Hong Kong Interpretation 5 (2020)	1 January 2023
HKAS 1 (Amendments) and HKFRS Practice Statement 2	Disclosure of Accounting Policies	1 January 2023
HKAS 8 (Amendments)	Definition of Accounting Estimates	1 January 2023
HKAS 12 (Amendments)	Deferred Tax related to Assets and Liabilities arising from a Single Transaction	1 January 2023
HKFRS 16	Lease liability in a Sale and Leaseback	1 January 2024
HKFRS 10 and HKAS 28 (Amendments)	Sale or Contribution of Assets between an Investor and its Associate or Joint Venture	To be determined

The Directors are in the process of assessing the possible impact on the future adoption of the new and revised HKFRSs, but are not yet in a position to reasonably estimate their impact on the Group's condensed consolidated interim financial statements.

#### 4 Segment information

For management purposes, the Group is organized into business units based on their products and services and has four reportable operating segments as follows:

- industrial products automation systems and headboxes;
- project contracting services design, procurement and installation of automation systems;
- environmental products wastewater treatment products; and
- supporting services systems upgrades.

Management monitors the results of the Group's operating segments separately for the purpose of making decisions about resources allocation and performance assessment. Segment performance is evaluated based on reportable segment profit/ (loss), which is a measure of adjusted profit/(loss) before income tax. The adjusted profit/(loss) before income tax is measured consistently with the Group's loss before income tax except that common administrative expenses, other income and gains, net, finance costs — net and income tax credit/(expense) are excluded from such measurement.

Segment assets include all assets of the Group except deferred tax assets, pledged deposits, cash and cash equivalents, right-of-use assets, certain prepayments and investment properties, as these assets are managed on a group basis.

Segment liabilities include all liabilities of the Group except convertible bonds, income tax payable, lease liabilities and certain other payables, as these liabilities are managed on a group basis.

The segment results for the six months ended 31 December 2022:

	Unaudited									
	Industrial products <i>RMB</i>	Project contracting services <i>RMB</i>	Environmental products <i>RMB</i>	Supporting services <i>RMB</i>	Total <i>RMB</i>					
Segment revenue from external customers Timing of revenue recognition	83,904,048	38,316,797	5,833,178	29,014,826	157,068,849					
At a point in time Over time	83,904,048	- 38,316,797	3,347,601 2,485,577	29,014,826	116,266,475 40,802,374					
Segment cost of sales	(63,496,540)	(36,682,240)	, ,	(22,158,995)	(125,780,225)					
Segment gross profit/(loss)	20,407,508	1,634,557	2,390,728	6,855,831	31,288,624					
Segment results	583,290	(9,436,338)	(2,379,123)	(10,888,352)	(22,120,522)					
Common administrative expenses Other income and gains, net Finance costs — net					(5,427,388) 3,560,765 (3,366,685)					
Loss before income tax Income tax credit					(27,353,830) (313,311)					
Loss for the period					(27,667,141)					

# Other segment information:

	Unaudited					
	Industrial products <i>RMB</i>	Project contracting services <i>RMB</i>	Environmental products <i>RMB</i>	Supporting services <i>RMB</i>	Unallocated RMB	Total <i>RMB</i>
Capital expenditure Depreciation of property,	28,628	222,596	-	242,723	-	493,947
plant and equipment	739,474	15,804	499,885	2,303,909	-	3,559,072
Depreciation of right-of-use assets	-	-	-	-	592,078	592,078
Depreciation of investment properties	-	-	-	-	2,977,219	2,977,219
Amortisation of prepaid land lease payments	221,099	-	293,351	-	264,543	778,993
Amortisation of other intangible assets	1,301,550			5,359		1,306,909

The segment assets and liabilities as at 31 December 2022 are as follows:

	Unaudited					
	Industrial products <i>RMB</i>	Project contracting services <i>RMB</i>	Environmental products <i>RMB</i>	Supporting services <i>RMB</i>	Unallocated RMB	Total <i>RMB</i>
Segment assets	365,280,509	155,517,843	51,183,142	311,917,701	124,054,651	1,007,953,846
Segment liabilities	313,227,196	102,518,849	14,052,892	76,583,214	129,859,227	636,241,378

The segment results for the six months ended 31 December 2021:

			Unaudited		
	Industrial	Project contracting	Environmental	Supporting	
	products RMB	services <i>RMB</i>	products <i>RMB</i>	services RMB	Total <i>RMB</i>
Segment revenue from					
external customers	88,693,933	42,053,928	8,484,923	36,615,533	175,848,317
Timing of revenue recognition					
At a point in time	88,693,933	-	1,335,409	33,162,316	123,191,658
Over time	-	42,053,928	7,149,514	3,453,217	52,656,659
Segment cost of sales	(68,882,379)	(52,354,079)	(6,155,325)	(32,103,879)	(159,495,662)
Segment gross profit/(loss)	19,811,554	(10,300,151)	2,329,598	4,511,654	16,352,655
Segment results	(6,649,495)	(37,892,606)	(3,183,741)	(13,387,077)	(61,112,919)
Common administrative expenses					(27,404,573)
Other income and gains, net					8,814,692
Finance costs — net					(9,914,580)
Loss before income tax					(89,617,380)
Income tax credit					13,389,154
Loss for the period					(76,228,226)

# Other segment information:

	Unaudited						
		Project					
	Industrial products <i>RMB</i>	contracting services RMB	Environmental products <i>RMB</i>	Supporting services <i>RMB</i>	Unallocated <i>RMB</i>	Total <i>RMB</i>	
Capital expenditure Depreciation of property,	1,300,152	46,239	-	2,388,359	3,366,807	7,101,557	
plant and equipment (Note 6)	556,769	26,407	374,259	2,483,980	-	3,441,415	
Depreciation of right-of-use assets ( <i>Note 6</i> )	-	-	-	_	1,151,562	1,151,562	
Depreciation of investment properties ( <i>Note 6</i> )	_	_	_	2,821,849	_	2,821,849	
Amortisation of prepaid land lease payments ( <i>Note 6</i> )	38,377	-	50,919	768,210	145,624	1,003,130	
Amortisation of other intangible assets (Note 6)	1,320,233			5,364		1,325,597	

The segment assets and liabilities as at 30 June 2022 are as follows:

	Audited					
		Project				
	Industrial	contracting	Environmental	Supporting		
	products	services	products	services	Unallocated	Total
	RMB	RMB	RMB	RMB	RMB	RMB
Segment assets	283,782,893	181,538,627	37,524,376	306,357,498	232,602,782	1,041,806,176
Segment liabilities	269,995,355	122,996,889	16,859,944	88,398,364	147,492,358	645,742,910

# 5 Other income and gains, net

	For the six months ended <b>31</b> December	
	2022	<b>2021</b> 2021
	(Unaudited)	(Unaudited)
	RMB	RMB
Interest income recognised from project contracting services	1,032,390	3,785,037
Government grants	1,192,711	2,640,212
Other tax refund	519,490	956,711
Rental income	687,019	560,091
Sales of scrap materials	67,506	_
Service income	_	463,021
Interest income from customer delaying on payment	_	428,007
Others	61,649	(18,387)
	3,560,765	8,814,692

# 6 Loss before income tax

The Group's loss before income tax is arrived at after charging/(crediting):

	For the six months ended 31 December	
	2022	2021
	(Unaudited)	(Unaudited)
	RMB	RMB
Raw materials used	44,542,938	185,480,525
Employee benefit expenses	32,124,262	44,621,948
Provision for legal claims	-	32,416,633
Change in inventory of finished goods and work in progress	(51,382,163)	(23,713,774)
Depreciation of property, plant and equipment	3,559,072	3,441,415
Professional service fees	7,068,596	3,392,165
Reversal of provision for write-down of inventories	_	(3,234,284)
Depreciation of investment properties	2,977,219	2,821,849
Amortisation of other intangible assets	1,306,909	1,325,597
Depreciation of other right-of-use assets	592,078	1,151,562
Amortisation of prepaid land lease payments	778,996	1,003,130

# 7 Finance costs — net

8

	For the six months ended <b>31 December</b>	
	2022	2021
	(Unaudited)	(Unaudited)
	RMB	RMB
Finance costs		
Interest on convertible bonds	-	(7,999,795)
Interest on loans	(1,501,837)	(2,126,360)
Interest on other payables	(4,270,264)	_
Interest paid/payable for lease liabilities	(123,397)	(227,030)
Exchange losses, net		(7,395)
	(5,895,498)	(10,360,580)
Finance income		
Exchange gains, net	1,443,010	_
Interest income	1,085,803	446,000
	2,528,813	446,000
Finance costs — net	(3,366,685)	(9,914,580)
Income tax (expense)/credit		
	For the six m	onths ended
	<b>31 Dec</b>	
	2022	2021
	(Unaudited)	(Unaudited)

Current income tax		
PRC enterprise income tax	(603,096)	-
Deferred income tax	289,785	13,389,154
Income tax (expense)/credit	(313,311)	13,389,154

RMB

RMB

# PRC enterprise income tax ("EIT")

EIT is provided on the assessable income of entities within the Group incorporated in the PRC. Pursuant to the PRC Enterprise Income Tax Law (the "**New EIT Law**"), the EIT of companies established in the PRC is unified at 25%, effective from 1 January 2008.

Under the relevant regulations of the New EIT Law, Zhejiang Huazhang Technology Limited ("**Zhejiang Huazhang**") had obtained the qualification of High and New Technology Enterprise in the calendar year of 2020 with a validation period of three years. The applicable EIT rate of Zhejiang Huazhang is 15% from 2020 till 2022. Thus the applicable income tax rate for Zhejiang Huazhang was 15% for the six months ended 31 December 2022 (six months ended 31 December 2021: 15%).

#### 9 Dividends

No dividends was paid during the six months ended 31 December 2022 (six months ended 31 December 2021: nil).

The Board resolved not to declare any interim dividend for the six months ended 31 December 2022 (six months ended 31 December 2021: nil).

#### **10** Loss per share

The calculation of the basic loss per share amount is based on the loss for the period attributable to the shareholders of the Company and the weighted average number of ordinary shares of 1,064,089,378 (2021: 886,741,378) which represents the shares in issue during the period.

The Company has dilutive potential ordinary shares from share options. The diluted loss per share is same as the basic loss per share as any potential ordinary shares would have anti-dilutive effect for the six months ended 31 December 2022 and 2021.

	For the six months ended 31 December	
	2022	2021
	(Unaudited)	(Unaudited)
	RMB	RMB
Basic		
Loss		
Loss attributable to the shareholders		
of the Company	(27,309,171)	(76,273,080)
Number of shares		
Weighted average number of ordinary		
shares in issue during the period	1,064,089,378	886,741,378
	<u> </u>	
Basic loss per share (RMB cents)	(2.57)	(8.60)
Diluted		
Loss		
Loss attributable to the shareholders		
of the Company	(27,309,171)	(76,273,080)
of the company		(70,275,000)
Number of shares		
Weighted average number of ordinary shares in		
issue and potential ordinary shares issued as the		
denominator in calculating diluted loss		
per share during the period	1,064,089,378	886,741,378
per share during the period	1,007,007,570	000,771,370
Diluted loss per share $(PMR cants)$	(2.57)	(8.60)
Diluted loss per share (RMB cents)	(2.37)	(0.00)

# 11 Property, plant and equipment

	Buildings (Unaudited) <i>RMB</i>	Machinery and vehicles (Unaudited) <i>RMB</i>	Furniture, fittings and equipment (Unaudited) <i>RMB</i>	Total (Unaudited) <i>RMB</i>
Six months ended 31 December 2022				
Opening net carrying amount as at 1 July 2022 Additions Depreciation charge Exchange different	60,106,852 (2,329,366) 56,288	8,780,274 222,596 (950,169) 27,887	1,886,803 271,351 (279,537) 15,243	70,773,929 493,947 (3,559,072) 99,418
Closing net carrying amount as at 31 December 2022	57,833,774	8,080,588	1,893,860	67,808,222
Six months ended 31 December 2021				
Opening net carrying amount				
as at 1 July 2021	60,607,404	11,256,426	1,577,448	73,441,278
Additions	2,851,375	90,336	742,154	3,683,865
Disposals	-	(3,820)	(3,038)	(6,858)
Depreciation charge	(2,276,747)	(927,240)	(237,428)	(3,441,415)
Transfer from investment properties	2,406,793			2,406,793
Closing net carrying amount				
as at 31 December 2021	63,588,825	10,415,702	2,079,136	76,083,663

#### 12 Goodwill

Six months ended	Headbox business (Unaudited) <i>RMB</i>	Logistics and warehousing services (Unaudited) <i>RMB</i>	Others (Unaudited) <i>RMB</i>	Total (Unaudited) <i>RMB</i>
31 December 2022				
Opening net carrying amount as at 1 July 2022	29,306,413		596,370	29,902,783
Closing net carrying amount as at 31 December 2022	29,306,413		596,370	29,902,783
Six months ended 31 December 2021				
Opening net carrying amount as at 1 July 2021	36,155,379	3,183,135	596,370	39,934,884
Closing net carrying amount as at 31 December 2021	36,155,379	3,183,135	596,370	39,934,884

Goodwill of the Group mainly arose from the acquisition of Hangzhou Haorong Technology Co., Ltd. and Hangzhou MCN Paper Tech Co., Ltd. (together, the "**MCN Group**") and Fu An 777 Logistics Limited ("**777 Logistics**", together with its subsidiaries, collectively known as the "**777 Logistics Group**") in 2017 which represent the CGU ("**CGU**") of logistics and warehousing services.

Goodwill is allocated to the cash generating unit of headbox business under the business segment of industrial products and the CGU of logistics and warehousing services under the business segment of supporting services for impairment test.

#### 13 Trade and other receivables, contract assets and prepayments

#### *(i) Trade and other receivables*

	As at 31 December 2022 (Unaudited) <i>RMB</i>	As at 30 June 2022 (Audited) <i>RMB</i>
Warranty receivables (a) Other trade receivables (b)	11,655,600 264,765,388	10,692,396 315,884,068
Less: provision for impairment of trade receivables (c)	276,420,988 (178,155,890)	326,576,464 (175,540,251)
Trade receivables — net Bills receivable	98,265,098 59,785,991	151,036,213 38,333,671
Trade and bills receivables	158,051,089	189,369,884
Payment on behalf of an independent third party Other receivables due from related parties Deductible input value added tax Loan to customers Other receivables — guarantee Others ( <i>Note</i> )	81,974,427 39,541,029 4,169,431 6,207,023 108,995,089	85,128,228 39,541,029 100,298 2,555,227 6,213,510 90,524,646
	240,886,999	224,062,938
Less: provision for impairment of other receivables (c)	(181,102,024)	(181,102,024)
Other receivables — net	59,784,975	42,960,914
Total trade and other receivables Less: trade and other receivables	217,836,064	232,330,798
— non-current portion	(37,976,635)	(38,542,965)
	179,859,429	193,787,833

#### Note:

As 31 December 2022, included amounts due from Tongxiang Yuxin Electric Co., Limited and Zhejiang Hua Zhang Fibretech Co., Limited were RMB7,128,458 (30 June 2022: RMB7,128,458) and RMB49,103,484 (30 June 2022: RMB49,103,484), respectively.

(a) The warranty receivables represent approximately 5% to 10% of the contract value of the sales of the Group which will be collected upon the expiry of the warranty period (which is usually for a period of 18 months from the date of delivery or 12 months after on-site testing, whichever is earlier).

The ageing analysis of the warranty receivables based on the date that the Group was entitled to collect the revenue is as follows:

	As at 31 December 2022 (Unaudited) <i>RMB</i>	As at 30 June 2022 (Audited) <i>RMB</i>
Warranty receivables		
Up to 3 months 6 months to 1 year 1 year to 2 years Over 2 years	673,250  246,500  10,735,850	192,500 54,000 10,445,896
	11,655,600	10,692,396

(b) The ageing analysis of the other trade receivables based on the date that the Group was entitled to collect the revenue is as follows:

	As at 31 December 2022 (Unaudited) <i>RMB</i>	As at 30 June 2022 (Audited) <i>RMB</i>
Other trade receivables		
Up to 3 months 3 months to 6 months 6 months to 1 year 1 year to 2 years Over 2 years	25,771,209 7,598,870 5,688,018 61,824,894 163,882,397	28,293,237 7,988,156 18,216,071 90,557,626 170,828,978
	264,765,388	315,884,068

(c) As at 31 December 2022, provisions amounting to RMB178,155,890 (30 June 2022: RMB175,540,251) and RMB181,102,024 (30 June 2022: RMB181,102,024) were made on certain trade receivables and other receivables respectively given that certain customers were in significant financial difficulty and had defaulted in scheduled payments and there was significant uncertainty of recovering these trade and other receivables.

#### (ii) Contract assets

	As at 31 December 2022	As at 30 June 2022
	(Unaudited) <i>RMB</i>	(Audited) <i>RMB</i>
Contract assets Less: provision for impairment of contract assets	37,237,570 (2,901,597)	22,593,177 (2,876,182)
	34,335,973	19,716,995
(iii) Prepayments		

	As at	As at
	<b>31 December</b>	30 June
	2022	2022
	(Unaudited)	(Audited)
	RMB	RMB
Prepayments for procurement	136,804,513	94,893,020
Others	289,530	408,752
Total prepayments	137,094,043	95,301,772
Less: prepayments — non-current portion	(150,192)	(156,722)
	136,943,851	95,145,050

# 14 Trade and other payables

	As at 31 December 2022 (Unaudited) <i>RMB</i>	As at 30 June 2022 (Audited) <i>RMB</i>
Trade payables	190,658,114	176,293,302
Bills payable	16,484,081	19,077,191
Trade and bills payables	207,142,195	195,370,493
Other taxes payables	30,830,641	46,528,370
Provision for legal claims	12,659,277	12,659,277
Deposits for project contracting services	6,000,000	6,553,958
Interest-free loan from independent third parties	29,948,242	13,080,800
Amount due to suppliers on a customer's behalf	13,318,850	13,419,622
Accruals	4,891,231	4,229,571
Provision for warranty expenses	523,838	523,838
Other deposits	158,952	627,803
Employee benefit payables	1,116,493	642,087
Payables for property, plant and equipment	479,587	708,312
Amounts due to related parties	-	85,786,822
Interest payable for loans	-	45,833
Interest payable for convertible bond	-	2,550,040
Others	30,409,741	23,598,739
Other payables	130,336,852	210,955,072
Total trade and other payables	337,479,047	406,325,565

(i) In December 2021, a legal claim made by an independent third party against the Group in respect of a construction contract was sentenced at the first trial, and the Group has lodged an appeal thereafter. The recognised provision reflects the directors' best estimate of the most likely outcome.

The ageing analysis of the trade payables is as follows:

	As at	As at
	<b>31 December</b>	30 June
	2022	2022
	(Unaudited)	(Audited)
	RMB	RMB
Up to 3 months	99,750,660	100,962,553
3 months to 6 months	3,867,433	7,148,031
6 months to 1 year	26,668,881	18,561,739
1 year to 2 years	16,547,140	19,953,725
Over 2 years	43,824,000	29,667,254
	190,658,114	176,293,302

# MANAGEMENT DISCUSSION AND ANALYSIS

### **INDUSTRY REVIEW**

According to the National Bureau of Statistics of China, the year-on-year growth of China's gross domestic product (GDP) in the second quarter, third quarter and fourth quarter of 2022 was 0.4%, 3.9% and 2.9%, respectively. In view of the continuous resurgence of the COVID-19 pandemic in Mainland China, different levels of pandemic prevention and control measures were implemented, causing impact on the economic activities across the country. Although the economic growth rate improved in the third quarter, the overall economic situation was still worse than that in the first quarter of 2022. As a result of the economic downturn, industrial production and consumer markets remained sluggish. In addition, the overcapacity in the paper making industry led to the suspension of some of the production lines of paper making enterprises under the challenging business environment, resulting in losses in profits.

For paper-making equipment manufacturing enterprises, market demand with commonalities for their products and technologies is unleashing beyond the paper making industry. To illustrate, wet non-woven fabric production is a new technology which applies paper-making equipment and technology to produce non-woven fabric products or paper-based composite materials. Wet non-woven fabrics are widely used in areas of medical and health care, decoration and clothing, industrial and civil construction. At present, wet non-woven fabrics are widely adopted in developed countries such as Japan and the United States, representing an advantage in large-scale industrialization. The current production volume of wet non-woven fabrics is relatively low in China, which represents a large potential market compared to the developed countries.

As China officially proposed the targets of "carbon peaking" by 2030 and "carbon neutrality" by 2060, in August 2022, the Ministry of Industry and Information Technology, the National Development and Reform Commission and the Ministry of Ecology and Environment jointly issued the Implementation Plan for Carbon Peaking in the Industrial Sector (the "**Implementation Plan**"), which requires paper making enterprises to implement systematic transformation of clean production such as energy conservation, water conservation, material conservation, pollution reduction and carbon reduction. This has prompted paper making enterprises to increase capital expenditures to improve or upgrade equipment or systems in order to meet the requirements of the Implementation Plan. At the same time, since December 2022, the pandemic prevention and control measures in Mainland China have been adjusted and optimized, and the economy is expected to recover. It is expected that the confidence of consumers and enterprises will further improve in China, and hence stimulate the demand for paper making. It is expected that the paper making industry throughout the year of 2023 will perform better than 2022.

In the second half of 2022, the metal recycling industry was still affected by global liquidity changes, geopolitical and energy factors. As the Federal Reserve of the United States showed signs of easing up on interest rate hikes, together with the gradual optimization of China's pandemic prevention policies, market confidence was restored, which further promoted the positive outlook of the metal recycling market. The market is expected to be more stable by 2023, while certain challenges persist due to the global financial crisis, energy insecurity and concerns on the environmental impact of mining. In addition, as the global concerns on environmental, social and governance (ESG) continue to increase, enterprises have to consider more of their own social responsibilities and environmental protection, which is conducive to the development of the metal recycling industry.

#### **BUSINESS REVIEW**

For the six months ended 31 December 2022, the Group's revenue decreased by approximately 10.7% to RMB157.1 million but the gross profit increased by approximately 91.3% to RMB31.3 million, as compared to the corresponding period of last year, which was due to no provision for claims for this period. For the six months ended 31 December 2022, the loss for the period decreased significantly by approximately RMB48.6 million from approximately 76.2 million for the six months ended 31 December 2021 to approximately RMB27.7 million for the six months ended 31 December 2022, which was primarily due to no provision for the legal claims was provided and a decrease in the recognition of impairment losses on trade and other receivables for this period.

#### Paper Making Related Business

#### Contracts

For the six months ended 31 December 2022, although the Group continued to adopt active marketing strategies, the Group's new contract amount decreased by approximately 24.9% to approximately RMB195.2 million and the outstanding contract amount was approximately RMB654.3 million, which was due to the adverse impact of the industry and macro environment. The Group cooperated with Vinda Paper again to provide driving system for its new composite tissue machine project. In addition, the Group obtained a number of iconic projects in the industry, such as the paper machine driving and DCS control system and full set of pulp preparation production line of Henan Fangsheng Paper, the driving control and DCS control system of the PM3 technological transformation project of Henan Longyuan Paper. In order to enhance its competitiveness, the Group has fully leveraged its technology and experience in the paper making industry to make breakthroughs and explore new areas, and hence secured general contracting projects for non-woven fabrics and tobacco production equipment.

## Rapid Development of Huazhang MCN

In 2017, through the acquisition of MCN, Huazhang Technology completed the layout of core equipment components. Today, MCN has become one of the leading enterprises of headbox manufacturing with technical capabilities at the level of world-class top brands, representing a leader of the Group in the segment markets.

In the past year, MCN participated in a number of influential projects in the industry, including crescent-shaped headboxes for Shandong Xinhe, headboxes of three special paper machines for Hubei Xianhe, wet non-woven fabric molding equipment for Sateri of Golden Eagle Group, headboxes of paper towel machines for Guangxi Sun, headboxes of corrugated paper machines for Shanxi Qiangwei, headboxes of five-folded coated white board paper machines for Shandong Fengyuan Zhongsheng, full set of pulp preparation line production equipment, pre-wire flow system equipment and headboxes for Anhui Harmory Medical Packaging Material Co., Ltd..

#### Exploration of New Markets for Turnkey Projects

During the period, beyond the paper making industry, the Group made an innovative breakthrough in the new market of turnkey project of wet non-woven fabric equipment in China. The Group engaged in strategic cooperation with the world's top-ranking supplier of spunlace non-woven fabric and entered into two significant projects which have already commenced with a total amount of RMB70.0 million, making us the potential leader of the paper making equipment and wet non-woven fabric equipment industries in China.

In addition, in the first half of 2022, the Group obtained the production line turnkey project of Hunan Jinye Reconstituted Tobacco Leaves Limited Liability Company with a contract amount of RMB119.8 million. The project is still in the early stage of implementation. The Group's success in securing such contracts is attributable to its accumulated expertise and extensive experience in the paper industry. Such projects represent the Group's iconic projects in new areas, which successfully tapped into new markets with commonalities with the Group's products and technologies.

#### Completion of Overseas Projects

Due to the impact of the pandemic in the past few years, the Group was not able to explore new customers overseas. However, through the promotion of the "Belt and Road" strategy of China, the Group explored the overseas markets with domestic customers and completed the provision of paper machines and rewinder driving system for PM2 paper machines of Dahua Paper in Nigeria during the period under review; the provision of paper machines and rewinder driving, DCS and MCS systems for Lee & Man Paper's four 5600/900 packing paper machines in the Malaysia production base. Under the severe pandemic situation overseas, the Group still strived to ensure the quality of services and products, and adhered to the spirit of "customer first" to achieve the best for users. At the same time, the Group continued to accumulate installation and service experience overseas to prepare for the exploration of new overseas customers after the optimization of pandemic prevention and control measures.

#### Technological Innovation Awards

During the period under review, Zhejiang Huazhang Technology Limited ("**Zhejiang Huazhang**"), a major subsidiary of the Group, was selected as the "National Technologically Advanced 'Little Giant' Enterprise", "Technologically Advanced Small and Medium-sized Enterprise in Zhejiang Province", "Provincial Industrial Digitalization Service Provider", "Provincial Industrial Internet Platform Establishment List", "First (Set) Product Engineering Project in Zhejiang Province" and "First (Set) Listed — High-speed Paper Machine Headbox in Jiaxing". In addition, the Group completed the acceptance of provincial key R&D project — "R&D and application of independently controllable high-speed paper machine interactive driving system", and was awarded a number of highly recognized honorary titles such as "conical refiners" approved by the Standard for made-in-Zhejiang, which added new colors to the Group's sustainable and quality development.

The Group continued to invest substantial resources in product research and development, and strive for breakthroughs in the gap of paper making equipment market in China. For the six months ended 31 December 2022, the Group's research and development expenses amounted to approximately RMB14.5 million with 75 new patent applications. As at 31 December 2022, the Group has registered a total of 126 patents (including 23 invention patents, 70 utility model patents and 33 software copyrights).

#### Strengthening Internal control to cope with risks

During the period under review, in the face of the past internal issues and the fierce competition in the industry, the Group had to further enhance the risk awareness in order to sustain the operation of the Group. As such, the Group engaged an external internal control consultant to assist the Group to improve its internal management system and strengthen risk management, so as to cope with the ever-changing market changes and enable the Group to operate more efficiently.

#### **Renewable Resources Related Business**

The Group has been committed to the development of green business, in particular, to set up of waste recycling treatment plants outside of China since 2019 to capture the opportunities of expanding global waste recycling treatment. As at 31 December 2022, the Group is still looking for opportunities in overseas and negotiating with overseas governments and business partners to secure the best investment terms.

The Group has started the trading of waste materials, especially metal scraps since 2021. For the six months ended 31 December 2022, the trading volume of waste trading business was approximately RMB15.7 million and recognized income of RMB1.5 million. In the future, considering the market potential of global waste recycling treatment, the Group will allocate further resources to environmental related business and believes that the business in the sector will grow further.

## **FUTURE PROSPECTS**

Looking forward to 2023, with the gradual improvement of the pandemic situation and the introduction of a number of simulative and subsidy policies in the consumption sector, the general economy will gradually recover in China, and the consumer demand affected by the pandemic will rebound at a faster pace, as well as the paper making and packaging industries will show an upward growth trend from the bottom. Besides, the steady implementation of the dual carbon policy and the plastic ban is conducive to the growth of market demand for paper packaging. The Group will further explore the industries related to the Group's products and services, including tobacco, wet nonwoven fabrics, electricity and metallurgy.

Under such environment, the Group will increase its resources to leverage on the Group's excellent reputation in the industry over the years, high-quality products and services, and obtain more domestic orders with innovative moves and craftsmanship. In addition, in respect of overseas business, the Group will continue to focus on exploring the markets in countries along "Belt and Road", especially in Southeast Asian markets such as Vietnam, Malaysia and India, promote the general contracting of projects and enhance the layout of overseas business. The Group is confident in the potential of the metal scrap recycling business and will continue to identify locations for renewable resources projects around the world in order to strive for becoming one of the major players in the recycling industry.

"Win-win cooperation" has always been one of the Group's development strategies. Through closer cooperation with strategic partners such as Siemens, Rockwell and VACON, we will jointly explore and develop markets in due course. In the future, the Group will also further explore the industries related to the Company's products and technologies to apply the Group's technologies and experience to broader sectors and markets, and further diversify the Company's revenue. The Group will continue to adhere to the visions of "One Heart, One Direction, One Pace" and "Integrating Together, Creating Together, Sharing Together" to write a new chapter of development.

#### FINANCIAL REVIEW

#### **Revenue and gross profit margin**

Revenue decreased slightly by approximately 10.7% from approximately RMB175.8 million for the six months ended 31 December 2021 to approximately RMB157.1 million for the six months ended 31 December 2022, primarily attributing to shortage of supply and the impact under the COVID-19 pandemic. The gross profit margin also increased sharply from approximately 9.3% for the six months ended 31 December 2022, primarily attributing to approximately 19.9% for the six months ended 31 December 2022, primarily attributing to no provision for the loss incurred from a project was recognised for the current period.

#### (i) Industrial products

Revenue from sales of industrial products decreased by approximately 5.4% from approximately RMB88.7 million for the six months ended 31 December 2021 to approximately RMB83.9 million for the six months ended 31 December 2022. Such decrease was primarily attributable to slowdown of the project progress under the impacts of COVID-19 pandemic and shortage of supply of the parts from the suppliers. The sales of headbox business increased by approximately RMB1.8 million to approximately RMB44.0 million and the sales of industrial automation systems decreased by approximately RMB6.6 million to approximately RMB39.9 million for the six months ended 31 December 2022 as compared to that for the six months ended 31 December 2021. The gross profit margin of industrial products increased from approximately 22.3% for the six months ended 31 December 2022.

#### (ii) Project contracting services

Revenue from project contracting services decreased by approximately 8.9% from approximately RMB42.1 million for the six months ended 31 December 2021 to approximately RMB38.3 million for the six months ended 31 December 2022. Such decrease was mainly due to several contracting projects were delayed by the customers and new projects were in the early stage of implementation. The gross profit margin of project contracting services changed from approximately -24.5% for the six months ended 31 December 2022, such change was primarily due to the absence of provision for loss from the Engineering Procurement Construction ("EPC") projects for the current period while the Group recognised a loss of RMB17.7 million for the claims from Yunnan Yunhong Paper Company Limited (雲南雲泓紙業有限公司) and other suppliers under the EPC projects for the six months ended 31 December 2021.

#### (iii) Environmental business

Revenue from sales of environmental business decreased by approximately 31.3% from approximately RMB8.5 million for the six months ended 31 December 2021 to approximately RMB5.8 million for the six months ended 31 December 2022. Such decrease was primarily due to a decrease in demand in sludge treatment products and wastewater treatment business as the market competition was keen. The gross profit margin of environmental business increased from approximately 27.5% for the six months ended 31 December 2022, mainly attributable to an increase in profits generated from the trading of waste materials which were recognised as service fee income at a net basis.

#### (iv) Supporting services

Revenue from the provision of supporting services decreased by approximately 20.8% from approximately RMB36.6 million for the six months ended 31 December 2021 to approximately RMB29.0 million for the six months ended 31 December 2022, mainly due to the shortage of supply of the parts from the suppliers. The gross profit margin for the provision of supporting services increased from approximately 12.3% for the six months ended 31 December 2022, primarily attributing to the increase in sales of software and provision of on-site services, which had a higher profit margin.

#### Selling and distribution expenses

The selling and distribution expenses decreased by approximately 52.4% from approximately RMB8.4 million for the six months ended 31 December 2021 to approximately RMB4.0 million for the six months ended 31 December 2022 and accounted for approximately 4.8% and approximately 2.5% of the Group's revenue for the six months ended 31 December 2021 and 2022, respectively. Decrease in selling and distribution expenses was mainly attributable to a decrease in staff costs for performance-based incentive payment.

# Administrative expenses

The administrative expenses decreased by approximately 20.1% from approximately RMB47.2 million for the six months ended 31 December 2021 to approximately RMB37.7 million for the six months ended 31 December 2022 and accounted for approximately 26.8% and approximately 24.0% of the Group's revenue for the six months ended 31 December 2021 and 2022, respectively. Decrease in administrative expenses was mainly attributable to (i) a decrease in staff costs owing to a decrease in incentive payment for the current period and (ii) a provision of RMB12.9 million for the litigation in relation to the EPC project was recognised for the six months ended 31 December 2021 while no such provision was made for the six months ended 31 December 2022. Such decrease was partly offset by an increase in profession fee of approximately RMB3.7 million in relation to investigation and litigation matters for the six months ended 31 December 2022 as compared with that for the six months ended 31 December 2021.

#### **Research and development expenses**

The research and development expenses decreased by approximately 49.1% from approximately RMB28.5 million for the six months ended 31 December 2021 to approximately RMB14.5 million for the six months ended 31 December 2022 and accounted for approximately 16.2% and approximately 9.2% of the Group's revenue for the six months ended 31 December 2021 and 2022, respectively. Decrease in research and development expenses was mainly attributable to a decrease in staff costs. The Group aimed to improve and enhance the technology and quality of the paper equipment to international standards.

#### Net impairment losses on financial and contract assets

Net impairment losses on financial and contract assets decreased significantly by approximately RMB18.2 million from approximately RMB20.8 million for the six months ended 31 December 2021 to approximately RMB2.6 million for the six months ended 31 December 2022. Such decrease is primarily due to the Group have made full impairment loss on receivables from the debtors with serious liquidity issues or remote recoverability for the year ended 30 June 2022. The Group still continue to work with the financing lease companies in a joint effort for collection. The Group holds on-going discussion with those customers with regard to collection. The Group is also considering further engaging legal counsels to enforce the judgment if a cost-efficient arrangement with legal counsels can be reached.

#### Other income and gains, net

Other income and gains, net decreased by approximately 59.6% from approximately RMB8.8 million for the six months ended 31 December 2021 to approximately RMB3.6 million for the six months ended 31 December 2022, primarily attributing to (i) a decrease in government grants of approximately of RMB1.5 million; and (ii) a decrease in interest income recognised from project contracting services of approximately RMB2.8 million, for the six months ended 31 December 2022 as compared with the six months ended 31 December 2021.

#### Finance costs — net

The finance costs — net decreased by approximately 66.0% from RMB9.9 million for the six months ended 31 December 2021 to approximately RMB3.4 million for the six months ended 31 December 2022, primarily attributing to a decrease in balance of the loans from a related party and exchange gains, net was incurred during the current period.

#### Income tax (expense)/credit

The Group recorded an income tax expense of approximately RMB0.3 million for the six months ended 31 December 2022 while there was an income tax credit of approximately RMB13.4 million for the six months ended 31 December 2021. Such change was mainly attributable to a decrease in deferred income tax on the provision for impairment and loss for the current period.

The effective tax rate of the Group decreased from approximately 14.9% for the six months ended 31 December 2021 to approximately 1.1% for the six months ended 31 December 2022.

#### Loss for the period and net loss margin

As a result of the foregoing, the loss for the period decreased by approximately RMB48.6 million from approximately RMB76.2 million for the six months ended 31 December 2021 to approximately RMB27.7 million for the six months ended 31 December 2022. The net loss margin was reduced from approximately 43.3% for the six months ended 31 December 2021 to approximately 17.6% for the six months ended 31 December 2022.

## Loss for the period attributable to owners of the parent

As a result of the foregoing, the loss for the period attributable to owners of the parent decreased by approximately RMB49.0 million from approximately RMB76.3 million for the six months ended 31 December 2021 to approximately RMB27.3 million for the six months ended 31 December 2022.

# LIQUIDITY AND FINANCIAL RESOURCES

The Group maintained a healthy liquidity position during the period under review. The Group was principally financed by internal resources, bank loans as well as equity financing. As at 31 December 2022, the Group had cash and cash equivalent balance amounting to approximately RMB52.6 million (30 June 2022: approximately RMB141.0 million) and interest-bearing loans amounting to approximately RMB38.0 million (30 June 2022: RMB38.5 million).

#### BORROWINGS AND CHARGES OF ASSETS

As at 31 December 2022, the Group's borrowings were approximately RMB38.0 million (30 June 2022: RMB38.5 million), which will be repayable within 1 year. Such loans were all denominated in RMB, and bore an interest range of 4.35% to 5.5% per annum (30 June 2022: all denominated in RMB, and bore an interest range of 4.35% to 5.5% per annum).

As at 31 December 2022, the banking facilities granted to the Group were secured by property, plant and equipment, investment properties and prepaid land lease payments of the Group amounting to approximately RMB56.5 million and RMB95.1 million and RMB73.0 million, respectively (30 June 2022: approximately RMB57.5 million and RMB98.1 million and RMB73.8 million, respectively).

#### **GEARING RATIO**

The gearing ratios as at 31 December 2022 and 30 June 2022 were approximately 9.3% and 8.9%, respectively. The increase in gearing ratio was mainly attributable to a decrease in the Group's equity from approximately RMB396.1 million as at 30 June 2022 to approximately RMB371.7 million as at 31 December 2022. Based on the gearing ratio as at 31 December 2022, the Group still maintained a good financial position.

Gearing ratio is calculated based on the total interest-bearing loans at the end of the period/ year divided by total interest-bearing loans plus total equity at the end of the respective period/year and multiplied by 100%.

# TRADE AND OTHER RECEIVABLES

Trade and bills receivables decreased by approximately RMB31.3 million from approximately RMB189.4 million as at 30 June 2022 to approximately RMB158.1 million as at 31 December 2022, primarily due to decrease in other trade receivables for this period as the Group have strengthened the settlements of the receivables. The provision for impairment of trade receivables and other receivables for the six months ended 31 December 2022 increased by approximately RMB2.6 million to approximately RMB178.2 million as at 31 December 2022, and remained stable, respectively, due to the worsen economic environment and liquidity issues of certain customers. The Group will strengthen customer credit risk management to guard against the increase in bad debt provision, and will take legal action if necessary.

# SIGNIFICANT INVESTMENTS HELD, MATERIAL ACQUISITIONS AND DISPOSALS

For the six months ended 31 December 2022, the Group have disposed the investment in associate at a consideration of RMB50,000 and no loss was incurred.

Save as disclosed above, the Group (i) did not perform any material acquisition or disposal of subsidiaries, associates or joint ventures or investments during the six months ended 31 December 2022; and (ii) did not hold any significant investment as at 31 December 2022.

#### FUTURE PLANS FOR MATERIAL INVESTMENTS OR CAPITAL ASSETS

The Group did not have future plans for material investments and capital assets during the six months ended 31 December 2022 and up to the date of this announcement.

#### CAPITAL EXPENDITURE

For the six months ended 31 December 2022, the Group's capital expenditure amounted to approximately RMB0.5 million (2021: RMB7.1 million).

#### CAPITAL COMMITMENTS

As at 31 December 2022, the Group had no material capital commitments (30 June 2022: Nil).

# **CONTINGENT LIABILITIES**

Save as disclosed elsewhere in this announcement, the Group had no material contingent liabilities as at 31 December 2022 (30 June 2022: Nil).

# **TREASURY POLICY**

The Group had a sufficient level of cash and banking facilities for the conduct of its trade in the normal course of business during the six months ended 31 December 2022. The management will continue to follow a prudent policy in managing the Group's cash balances and maintain a strong and healthy liquidity to ensure that the Group is well placed to take advantage of any future growth opportunities.

# FOREIGN CURRENCY RISK

The Group's transactions are mainly denominated in Renminbi ("**RMB**"), United States Dollars, and Hong Kong Dollars. The exchange rate changes of such currencies were monitored regularly and managed appropriately. The RMB is not freely convertible. There is a risk that the Chinese government may take actions affecting exchange rates which may have a material adverse effect on the Group's net assets, earnings and any dividends it declares if such dividend is to be exchanged or converted into foreign exchange. The Group will enter into foreign currency forward contracts to manage and reduce the risk involved in the net position in each foreign currency, if necessary.

# **EMPLOYEE AND REMUNERATION POLICIES**

As at 31 December 2022, the Group had 226 employees (30 June 2022: 269 employees), including the Directors. Total staff costs (including Directors' emoluments) for the six months ended 31 December 2022 were approximately RMB32.1 million, as comparable to approximately RMB44.6 million for the six months ended 31 December 2021. The remuneration of employees is determined based on job nature and market conditions, combined with increment on performance appraisal and year-end bonus which are designed to stimulate and award employee's individual performance. In addition to cash compensation and benefits, we may issue share options to our employees in accordance with our equity plans. During the period, the Group continued its commitment to employees' training and development programme.

## **OTHER INFORMATION**

#### PURCHASE, SALE OR REDEMPTION OF LISTED SECURITIES

For the six months ended 31 December 2022, neither the Company nor any of its subsidiaries has purchased, sold or redeemed any of the Company's listed securities.

# 2021 PLACING OF NEW SHARES AND SUBSCRIPTION OF NEW SHARES UNDER SPECIFIC MANDATE

On 2 March 2021, the Company and Dao He Investment Limited (the "**Subscriber**"), a company incorporated in the British Virgin Islands with limited liability, entered into a subscription agreement pursuant to which the Company has agreed to allot and issue, and the Subscriber has agreed to subscribe for, an aggregate of 153,846,153 ordinary shares as subscription shares (with a nominal value of HK\$1,538,461.53) at the subscription price of HK\$0.65 per subscription share, which was already approved at an extraordinary general meeting held on 28 April 2021. The subscription price of HK\$0.65 per subscription of approximately 22.62% to the closing price of HK\$0.84 per share as quoted on the Stock Exchange on the date of the subscription agreement. Taking into account the Company's expenses for the subscription, the net price was approximately HK\$0.65 per share. On 29 April 2021, Mr. Fang Hui, the ultimate beneficial owner of the Subscriber, was appointed as executive director of the Company.

The net proceeds from the issue of the subscription shares were approximately HK\$100 million. As disclosed in the Company's announcement dated 2 March 2021 and the circular dated 13 April 2021, the Company intended to utilise the proceeds from such subscription towards the costs of purchasing and leasing plants and machineries for the Dubai Recycling Project. Subsequently, as disclosed in the announcement of the Company dated 8 June 2021, such proceeds would temporarily be used as working capital to purchase waste material for processing and/or re-sale.

As at 31 December 2022, there was no temporarily used the proceeds from the subscription as working capital to purchase waste material for processing and/or re-sale and the unused balance of approximately HK\$100 million was currently placed into deposits and/or money market instruments, which will reserve for potential acquisition by the Group in the future. The expected timeline for use of unutilised proceeds is based on the Group's best estimate of future market conditions, subject to current and future changes of market developments.

Details in relation to the subscription of new shares under specific mandate are disclosed in the announcements of the Company dated 2 March 2021, 28 April 2021, 10 May 2021 and 8 June 2021, and the circular of the Company dated 13 April 2021.

# 2022 PLACING OF NEW SHARES UNDER GENERAL MANDATE

On 28 February 2022, the Group entered into a placing agreement (the "**Placing Agreement**") with First Fidelity Capital (International) Limited (the "**Placing Agent**"), pursuant to which the Group agreed to place, through the Placing Agent, up to an aggregate 177,348,000 new ordinary shares (the "**Placing Share(s**)") at the placing price of HK\$0.53 per Placing Share (the "**Placing**"). The placing price of HK\$0.53 per Placing Share (the "**Placing**"). The placing price of HK\$0.64 per share as quoted on the Stock Exchange on the date of the Placing Agreement. The net placing price was approximately HK\$0.52 per Placing Share. The Board is of the view that the Placing represents an opportunity to improve the liquidity position of the Company and to reduce the financing costs of the Company.

On 11 March 2022, all 177,348,000 Placing Shares (with an aggregate nominal value of HK\$1,773,480) have been successfully placed by the Placing Agent to not less than six placees who are third parties independent of the Company at the placing price of HK\$0.53 per Placing Share. The net proceeds (after deduction of the placing commission, other related expenses and professional fees) from the Placing amounted to approximately HK\$92.3 million which have been used for settlement of partial redemption of the Company's convertible bonds in July 2022.

Details of the Placing are set out in the Company's announcements dated 28 February 2022 and 11 March 2022.

### USE OF PROCEEDS FROM THE LISTING BY WAY OF PLACING

The shares of the Company were listed on the Stock Exchange on 16 May 2013 (the "**Listing Date**") by way of placing, raising total net proceeds of approximately HK\$48.1 million after deducting professional fees, underwriting commissions and other related listing expenses (the "**Net Proceeds**").

References are made to (i) the prospectus of the Company dated 9 May 2013 in relation to the listing on the GEM of the Stock Exchange (the "Listing"), which sets out the intended use of the Net Proceeds from the Listing; and (ii) the announcement of the Company dated 23 December 2014 in relation to the transfer of listing from the GEM to the Main Board of the Stock Exchange and (iii) the announcement of the Company dated 31 March 2022 regarding the change in use of the Net Proceeds. Since the Listing Date and up to 31 December 2021, the Company has utilised approximately RMB26.3 million out of the Net Proceeds. The amount of Net Proceeds which remains unutilised (the "Unutilised Net Proceeds") as at 31 December 2021 was approximately RMB21.8 million. Having carefully considered the current business environment and development needs of the Group, on 31 March 2022, the Board has resolved to change the proposed use of the Unutilised Net Proceeds in the amount of approximately RMB21.8 million, which was originally allocated for the purposes of (i) increasing production capacity; (ii) cost saving construction; and (iii) increasing market awareness and image of the Group, to the following purposes: (i) approximately RMB8 million for the repayment of bank loan and other borrowings; (ii) approximately RMB5 million for research and development expenses; and (iii) approximately RMB8.8 million for administrative and management expenses, of which approximately RMB3 million, approximately RMB1.5 million, approximately RMB3 million and approximately RMB1.3 million will be used for salary adjustment of key employees, hiring additional employees, settling legal and professional advisers' expenses and other corporate purposes, respectively.

Set out below is the original and revised allocation of the Net Proceeds and the actual use of the Net Proceeds from the Listing Date to 31 December 2022:

	Original planned use of the Net Proceeds <i>RMB</i> '000	Reallocation of Unutilised Net Proceeds as at 31 March 2022 <i>RMB</i> '000	Revised use of the Net Proceeds RMB'000	Actual use of Net Proceeds from the Listing Date to 31 December 2022 <i>RMB'000</i>	Unused Net Proceeds as at 31 December 2022 RMB'000	Expected date of full utilisation of unused Net Proceeds
Increase production capacity	23,521	(5,222)	18,299	18,299	-	_
Cost saving construction	15,709	(15,709)	-	_	_	_
Continuous product development						
and innovation	5,208	-	5,208	5,208	-	-
Increase market awareness and						
image of the Group	3,385	(869)	2,516	2,516	-	-
Improve the current information						
management system	260	-	260	260	-	-
Repayment of bank loan and		0.000	0.000	0.000		
other borrowings	-	8,000	8,000	8,000	-	_
Research and development expenses Administrative and management expenses	_	5,000	5,000	5,000	_	-
<ul> <li>— Salary adjustment for key employees</li> </ul>	-	3,000	3,000	-	3,000	On or before 31 December 2023
— Hiring of additional employees	-	1,500	1,500	-	1,500	On or before 31 December 2023
— Legal and professional advisers' expenses	-	3,000	3,000	3,000	-	_
— Other general corporate purposes		1,300	1,300	1,300		-
	48,083		48,083	43,583	4,500	

*Note:* The expected date of full utilisation of the unused Net Proceeds was based on the best estimation of the future market conditions made by the Group. It would be subject to change based on the current and future development of market conditions.

The unused Net Proceeds have been placed as interest bearing deposits with licensed banks in Hong Kong and the PRC.

The Directors will constantly evaluate the business targets of the Group and adjust their plans according to the ever-changing market conditions, so as to ensure the growth of Group's business.

#### SHARE OPTION SCHEME

A share option scheme of the Company (the "**Share Option Scheme**") was approved and adopted by the shareholders of the Company at its extraordinary general meeting held on 10 February 2022 (the "**Adoption Date**").

Under the Share Option Scheme, 85,940,000 share options (the "**Share Options**") at an exercise price of HK\$0.51 per Share were granted on 31 May 2022 (the "**Date of Grant**"). Out of these 85,940,000 Share Options, 50,000,000 Share Options were proposed to be granted to Mr. Fang Hui (the "**Proposed Grant**") which was conditional and subject to the approval of the independent Shareholders at an extraordinary general meeting of the Company. On 23 August 2022, the Board had resolved not to proceed with the conditional grant of Share Options to Mr. Fang Hui to subscribe for up to an aggregate of 50,000,000 Shares which decision was consented by Mr. Fang Hui. As a result, the Proposed Grant had not become unconditional and the conditional offer of 50,000,000 Share Options (at the exercise price of HK\$0.51 per Share) were cancelled. No Share Options were granted to Mr. Fang Hui under the Share Option Scheme.

During the six months ended 31 December 2022, no Share Options were granted and exercised. As at 31 December 2022, the total number of ordinary shares in respect of which Share Options had been granted and remained outstanding under the Share Option Scheme was 34,590,000 (representing approximately 3.25% of the Company's Shares in issue as at 31 December 2022). The number of Share Options available for grant under the Share Option Scheme as at 1 July 2022 and 31 December 2022 was 2,734,137 and 52,734,137, respectively.

The principal terms of the Share Option Scheme and details of the grant of Share Options are set out in the circular of the Company dated 21 January 2022 and the announcement of the Company dated 31 May 2022.

Particulars of the movement of the Share Options held by the Directors and employees of the Group during the six months ended 31 December 2022 were as follows:

				Number of share options					
Name or category of participants	Date of Grant (Note c)	Exercise price	Vesting & exercise period	At 1 July 2022	Granted during the period	Exercised during the period	Lapsed/ expired during the period	Cancelled/ forfeited during the period	At 31 December 2022
Directors									
Mr. Chen Hongwei	31 May 2022	HK\$0.51	Note c	500,000	-	-	-	-	500,000
Mr. Fang Hui	31 May 2022	HK\$0.51	Note c	50,000,000	-	-	-	(50,000,000)	-
(Note a)									
Mr. Shi Chenghu	31 May 2022	HK\$0.51	Note c	1,000,000	-	-	-	-	1,000,000
Mr. Heng, Keith	31 May 2022	HK\$0.51	Note c	300,000	-	-	-	-	300,000
Kai Neng									
Mr. Yao Yang Yang	31 May 2022	HK\$0.51	Note c	300,000	-	-	-	-	300,000
Ms. Zhang Dong Fang	31 May 2022	HK\$0.51	Note c	300,000	-	-	-	-	300,000
Other Employees	31 May 2022	HK\$0.51	Note c	32,540,000	-	-	(1,350,000)	-	31,190,000
Mr. Wang Ai Yan	31 May 2022	HK\$0.51	Note c	1,000,000	-	-	-	-	1,000,000
(Note b)									
In aggregate				85,940,000			(1,350,000)	(50,000,000)	34,590,000

#### Notes:

- (a) On 23 August 2022, the Board had resolved not to proceed with the conditional grant of Share Options to Mr. Fang Hui to subscribe for up to an aggregate of 50,000,000 Shares which decision was consented by Mr. Fang Hui. As a result, the Proposed Grant of 50,000,000 Share Options to Mr. Fang Hui were not become unconditional and no Share Options were granted to Mr. Fang Hui under the Share Option Scheme.
- (b) Being an ex-executive Director (resigned on 1 December 2022) of the Company.
- (c) The validity period of the Share Options granted on 31 May 2022 is from 31 May 2022 to 30 May 2032.

The Share Options granted on 31 May 2022 shall be vested and are exercisable in the following manners:

- (i) 30% of the Share Options may be exercisable at any time commencing from the Date of Grant up to 30 May 2032;
- (ii) 30% of the Share Options and the first 30% of the Share Options which are yet to be exercised may be exercisable at any time commencing from 31 May 2023 up to 30 May 2032; and
- (iii) the remaining 40% of the Share Options and the first 60% of the Share Options which are yet to be exercised may be exercisable at any time commencing from 31 May 2024 up to 30 May 2032.

The closing price of the Company's shares immediately before the date on which the Share Options were granted was HK\$0.49 per share.

If all such Share Options were exercised, there would be a dilution effect on the shareholdings of Shareholders of approximately 3.15% as at 31 December 2022.

The estimated value of the Share Options granted under the Share Option Scheme, calculated using the binomial lattice model, as at the Date of Grant of the Share Options was approximately HK\$9,034,000.

The binomial lattice model is a generally accepted method of valuing options. The significant assumptions used in the calculation of the values of the Share Options were risk-free rate of interest, dividend yield, volatility and early exercise multiple. The measurement date used in the valuation calculations was the date on which the options were granted.

Share price (HK\$)	0.51
Exercise price (HK\$)	0.51
Expected volatility (%)	70.1
Expected dividend yield (%)	0.0
Risk-free interest rate (%)	2.8

The expected volatility is based on the historical volatility (calculated based on the expected life of the share options), adjusted for any expected changes to future volatility due to public available information. The expected dividends are based on historical dividends. The risk-free interest rate is based on the yield of Hong Kong Exchange Fund Notes with a maturity life equal to the life of the share option.

The fair value calculated for the Share Options is inherently subjective due to the assumptions made and the limitations of the model utilised.

# **LEGAL PROCEEDINGS**

Zhejiang Huazhang, a wholly owned subsidiary of the Company, received a first instance judgment (the "**Judgement**") dated 24 December 2021 handed down by the Intermediate People's Court of Chuxiong Yi Autonomous Prefecture of Yunnan Province (雲南省楚 雄彝族自治州中級人民法院) (the "**Court**") in the PRC in relation to a contractual dispute between Hubei Industrial Construction Group Installation Engineering Company Limited (湖北省工業建築集團安裝工程有限公司) as plaintiff and Yunnan Yunhong Paper Company Limited (雲南雲泓紙業有限公司) as defendant. Zhejiang Huazhang was also named as a co-defendant in the legal proceedings. Zhejiang Huazhang had lodged an appeal application (the "**Appeal Application**") with the Higher People's Court of Yunnan Province (雲南省高級人民法院) (the "**Appeal Court**") against the Judgment. The Appeal Application approved on 22 August 2022 whereby the Appeal Court ordered, among other things, to set aside the Judgement and the legal proceedings in question be retried at the Court. The Judgment has been set aside and will not be enforced, but the order made on 12 January 2022 to freeze the aggregate amount of approximately RMB37.6 million in the bank accounts will remain in full force for a period of one year until January 2023 as ordered thereunder. Details of the legal proceedings were set out in the Company's announcements dated 21 January 2022 and 9 September 2022.

The Company will continue to monitor the progress of the legal proceedings and assess the impact of the proceedings on the Group.

# **COMPETING INTERESTS**

For the six months ended 31 December 2022, the Directors are not aware of any business or interest of the Directors, the substantial shareholders of the Company or any of their respective associates had engaged in any business that competes or is likely to compete, either directly or indirectly, with the business of the Group and any other conflicts of interests which any such person has or may have with the Company.

# **CORPORATE GOVERNANCE PRACTICES**

The Board reported that the Company has complied with the code provisions of the Corporate Governance Code (the "**CG Code**") as set out in Part 2 of Appendix 14 to the Listing Rules for the six months ended 31 December 2022, except the following deviations:

Under code provision C.2.1 of the CG Code, the roles of chairman and chief executive should be separate and should not be performed by the same individual. The division of responsibilities between the chairman and the chief executive should be clearly established and set out in writing. Following the removal of the former chairman of the Company and the resignation of the Chief Executive Officer (the "**CEO**") of the Company, the Company has not appointed an individual to take up the vacancy of the Chairman and the CEO, respectively, and the roles and functions of the Chairman and the CEO have been performed by all the executive Directors collectively.

Under code provision C.2.7 of the CG Code, the chairman should at least annually hold meetings with the independent non-executive Directors without the presence of other Directors. Such meeting was not held due to the current vacancy of the chairman of the Company.

Under code provision C.2 of the CG Code, there are certain roles and responsibilities to be carried out by the chairman of the Company. Due to the vacancy of the chairman of the Company, such roles are delegated to the executive Directors except the roles and responsibilities as stated in code provision C.2.7 of the CG Code.

Under code provision F.2.2 of the CG Code, the chairman of the Board should attend the annual general meeting of the Company and invite the chairman of the Board committees to attend. However, due to the current vacancy of the chairman of the Company, no person as chairman of the Company had attended the annual general meeting held on 30 December 2022.

# MODEL CODE FOR SECURITIES TRANSACTIONS BY DIRECTORS

The Company has adopted the Model Code for Securities Transactions by Directors of Listed Issuers (the "**Model Code**") as set out in Appendix 10 to the Listing Rules. The Company has made specific enquiry of all directors regarding any non-compliance with the Model Code for the six months ended 31 December 2022 and they all confirmed that they have fully complied with the required standard set out in the Model Code.

# **INTERIM DIVIDEND**

The Board resolved not to declare any interim dividend for the six months ended 31 December 2022 (six months ended 31 December 2021: Nil).

# AUDIT COMMITTEE

The audit committee (the "Audit Committee") of the Company was established on 6 May 2013. The Audit Committee consists of three independent non-executive Directors namely, Mr. Heng, Keith Kai Neng, Mr. Yao Yang Yang and Ms. Zhang Dong Fang. The Audit Committee is chaired by Mr. Heng, Keith Kai Neng. The Audit Committee has reviewed and discussed with the management regarding the accounting principles and practices adopted for the Group's unaudited interim condensed consolidated financial statements for the six months ended 31 December 2022.

# PUBLICATION OF THE INTERIM RESULTS AND INTERIM REPORT ON THE WEBSITES OF THE STOCK EXCHANGE AND THE COMPANY

This announcement is published on the websites of the Stock Exchange (www.hkexnews.hk) and the Company (www.hzeg.com), and the interim report of the Company for the six months ended 31 December 2022 containing all the information required by the Listing Rules will be despatched to the shareholders of the Company and published on the above websites in due course.

# CONTINUED SUSPENSION OF TRADING

At the request of the Company, trading in its shares on the Stock Exchange has been suspended with effect from 9:00 a.m. on 3 October 2022 and will remain suspended until the Company fulfils the resumption guidance as disclosed in its announcement dated 28 November 2022.

Shareholders and potential investors of the Company are advised to exercise caution when dealing in the shares and other securities of the Company.

By order of the Board Huazhang Technology Holding Limited Fang Hui Executive Director

Hong Kong, 27 February 2023

As at the date of this announcement, the executive Directors are Mr. Fang Hui and Mr. Chen Hongwei, the non-executive Director is Mr. Shi Chenghu and the independent non-executive Directors are Mr. Heng, Keith Kai Neng, Mr. Yao Yang Yang and Ms. Zhang Dong Fang.