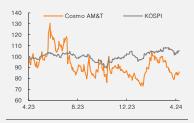


# Equity Research April 30, 2024

(Maintain)	Buy
Target price	W200,000
Current price (4/29/24)	W152,600
Upside	31.1%

OD (24F W/hm)			42
OP (24F, Wbn)		42	
Consensus OP (2		40	
EPS growth (24F	, %)		34.9
Market EPS grov	vth (24F, %)		72.1
P/E (24F, x)			131.2
Market P/E (24F,	x)		11.1
KOSPI			2,687.44
Market cap (Wb	n)		4,961
Shares (mn)			33
Free float (%)			70.2
Foreign ownersl	hip (%)		13.6
Beta (12M)			0.88
52-week low (W)		129,300	
52-week high (W		231,646	
(%)	1M	6M	12M
Absolute	-4.6	3.4	-11.5



-2.5

-11.4

-17.6

Mirae Asset Securities Co., Ltd.

# **Chuljoong Kim**

Relative

chuljoong.kim@miraeasset.com

#### Minhui Kang

minhui.kang@miraeasset.com

005070 KS · Battery Materials

# Cosmo AM&T

# Cathode materials revenue to see full-fledged growth in 2H24

#### Retain TP of W200,000

We maintain our target price of W200,000 for Cosmo AM&T. We see revenue growth accelerating in 2H24, led by single-crystal cathode materials. We also expect the company to add new products and customers in 2H24, including: 1) mid-nickel (NCM6) cathode materials for Samsung SDI; and 2) NMX cathode materials for SK On. Endmarket players are actively seeking supplier diversification to ensure stable materials supply and improve bargaining power over the medium to long term. While Cosmo AM&T is a late entrant (and thus needs to prove its mass production capabilities), we believe it will outpace competitors in revenue growth, backed by growth in both shipment volume (market share gains) and ASP (mix improvements).

# 1Q24 review: Cathode materials revenue surges 69% QoQ

For 1Q24, Cosmo AM&T reported revenue of W122.1bn (+38% QoQ) and operating profit of W5.3bn (-33% QoQ). Cathode materials revenue surged 69% QoQ to W89bn on revenue recognition for single-crystal cathode materials supplied to LG Chem. That said, we estimate OP margin slumped to 2% (from 4% in 4Q23), as spreads narrowed due to lower metal prices.

# 2H24 outlook: Improvements in ASP/shipments and addition of new customers

We forecast earnings to expand meaningfully from 2H24. The firm's production capacity is likely to jump to 100,000 tonnes by end-2024 (from 20,000 tonnes at end-2023) with the addition of a new production line in 2Q24. Single-crystal cathode materials supplied to LG Chem should continue to drive shipment growth. In addition, we expect ASP to climb in 3Q24, considering that metal prices (lithium, nickel, etc.) likely bottomed in February/March. Notably, the company will likely see faster ASP growth than rivals thanks to product mix improvements (high-nickel products).

#### **Expectations for new products**

Expectations for new products remain intact. We see orders materializing in 2H24, including for mid-nickel (NCM6) cathode materials (from Samsung SDI) and NMX cathode materials (from SK On). While Cosmo AM&T is a late entrant (and thus needs to prove its mass production capabilities), we believe it will outpace competitors in revenue growth. Sector-wide weakness should continue to weigh on the stock in the near term, but the medium/long-term outlook remains positive. We reiterate our Buy recommendation.

(Dec.)	2022	2023	2024F	2025F	2026F
Revenue (Wbn)	486	630	888	2,078	4,140
OP (Wbn)	32	32	42	116	232
OP margin (%)	6.6	5.1	4.7	5.6	5.6
NP (Wbn)	28	27	38	103	188
EPS (W)	896	863	1,163	3,164	5,789
ROE (%)	12.1	7.4	7.6	18.1	26.4
P/E (x)	57.1	170.8	131.2	48.2	26.4
P/B (x)	6.3	10.0	9.6	8.0	6.1
Dividend yield (%)	0.0	0.0	0.0	0.0	0.0

Notes: Under consolidated K-IFRS; NP is attributable to owners of the parent Source: Company data, Mirae Asset Securities Research estimates

Cosmo AM&T April 30, 2024

Table 1. Valuation table

		Notes
2026F EPS (W)	5,789	2025F → 2026F
Target P/E (x)	35	
Target price (W)	200,000	
Current price (W)	152,600	
Upside (%)	31.1	

Source: Mirae Asset Securities Research

Table 2. Quarterly and annual earnings

(Wbn, %)

135.8x

107.0x

78.1x

49.3x

20.5x

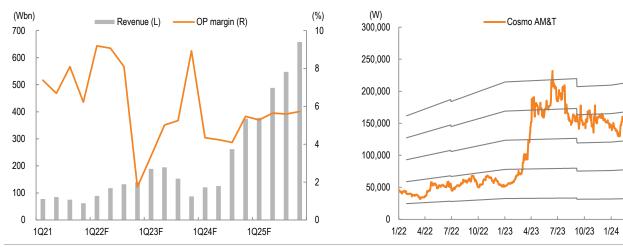
4/24

	1Q24P	2Q24F	3Q24F	4Q24F	1Q25F	2Q25F	3Q25F	4Q25F	2023	2024F	2025F
Revenue	122	127	263	376	379	490	549	659	630	888	2,078
Particulate materials	94	101	231	341	347	456	518	627	535	766	1,948
Film	28	26	32	36	32	34	31	33	94	122	130
% of revenue	100	100	100	100	100	100	100	100	100	100	100
Particulate materials	77	79	88	91	92	93	94	95	85	86	94
Film	23	21	12	9	8	7	6	5	15	14	6
OP	5	5	11	21	20	28	31	38	32	42	116
OP margin	4.3	4.2	4.1	5.5	5.3	5.6	5.6	5.7	5.1	4.7	5.6
QoQ growth											
Revenue	37.6	4.0	107.1	43.1	0.7	29.3	12.1	20.1	29.7	41.1	133.9
Particulate materials	63.4	6.6	129.5	47.5	1.9	31.5	13.5	21.0	38.3	43.2	154.2
Film	-10.5	-5.1	21.8	11.4	-10.7	5.2	-6.8	5.2	-4.3	29.3	6.3
OP	-33.1	1.5	100.0	91.2	-2.8	38.1	11.2	22.9	-0.6	30.3	176.3

Source: Company data, Mirae Asset Securities Research

Figure 1. Quarterly earnings trends

Figure 2. 12-month forward EV/EBITDA band chart



Source: Company data, Mirae Asset Securities Research

Source: QuantiWise, Mirae Asset Securities Research

Cosmo AM&T April 30, 2024

# Cosmo AM&T (005070 KS)

# **Income statement (summarized)**

(Wbn)	2023	2024F	2025F	2026F
Revenue	630	888	2,078	4,140
Cost of revenue	571	813	1,907	3,817
GP	59	75	171	323
SG&A expenses	26	33	54	91
OP (adj.)	32	42	116	232
OP	32	42	116	232
Non-operating profit	-3	5	13	3
Net financial income	-2	6	12	3
Net income from associates	-1	0	0	0
Pretax profit	29	47	129	235
Income tax	2	9	26	47
Profit from continuing operations	27	38	103	188
Profit from discontinued operations	0	0	0	0
NP	27	38	103	188
Attributable to owners	27	38	103	188
Attributable to minority interests	0	0	0	0
Total comprehensive income	23	38	103	188
Attributable to owners	23	38	103	188
Attributable to minority interests	0	0	0	0
EBITDA	48	70	155	277
FCF	-131	-88	-96	-48
EBITDA margin (%)	7.6	7.9	7.5	6.7
OP margin (%)	5.1	4.7	5.6	5.6
Net margin (%)	4.3	4.3	5.0	4.5

# **Balance sheet (summarized)**

(Wbn)	2023	2024F	2025F	2026F
Current assets	296	790	1,254	2,221
Cash & equivalents	60	151	133	37
AR & other receivables	67	208	365	711
Inventory	166	424	743	1,447
Other current assets	3	7	13	26
Non-current assets	377	567	747	941
Investments in associates	4	17	30	59
PP&E	368	540	702	857
Intangible assets	2	2	2	2
Total assets	673	1,358	2,001	3,161
Current liabilities	162	565	963	1,842
AP & other payables	113	478	837	1,631
Short-term financial liabilities	37	39	40	43
Other current liabilities	12	48	86	168
Non-current liabilities	32	275	418	512
Long-term financial liabilities	19	219	319	319
Other non-current liabilities	13	56	99	193
Total liabilities	194	841	1,381	2,354
Equity attributable to owners	479	517	619	808
Capital stock	33	33	33	33
Capital surplus	338	338	338	338
Retained earnings	82	120	222	411
Minority interests	0	0	0	0
Shareholders' equity	479	517	619	808

# Cash flow statement (summarized)

(Wbn)	2023	2024F	2025F	2026F
Operating cash flow	-29	112	104	152
NP	27	38	103	188
Non-cash income/expenses	19	31	52	89
Depreciation	16	28	38	45
Amortization	0	0	0	0
Other	3	3	14	44
Chg. in working capital	-70	47	-37	-82
Chg. in AR & other receivables	46	-72	-89	-196
Chg. in inventory	-112	-258	-319	-705
Chg. in AP & other payables	2	276	272	600
Income tax	-5	-9	-26	-47
Cash flow from investing activities	-95	-210	-210	-222
Chg. in PP&E	-102	-200	-200	-200
Chg. in intangible assets	-1	0	0	0
Chg. in financial assets	4	-10	-10	-22
Other	4	0	0	0
Cash flow from financing activities	151	201	101	3
Chg. in financial liabilities	-54	201	101	3
Chg. in equity	204	0	0	0
Dividends	0	0	0	0
Other	1	0	0	0
Chg. in cash	26	90	-17	-96
Beginning balance	34	60	151	133
Ending balance	60	151	133	37

Source: Company data, Mirae Asset Securities Research estimates

# Key valuation metrics/ratios

ncy valuation metrics/ratios				
	2023	2024F	2025F	2026F
P/E (x)	170.8	131.2	48.2	26.4
P/CF(x)	100.4	72.0	32.0	17.9
P/B (x)	10.0	9.6	8.0	6.1
EV/EBITDA (x)	99.0	72.4	33.4	19.0
EPS (W)	863	1,163	3,164	5,789
CFPS (W)	1,467	2,119	4,761	8,534
BPS (W)	14,732	15,896	19,060	24,849
DPS (W)	0	0	0	0
Dividend payout ratio (%)	0.0	0.0	0.0	0.0
Dividend yield (%)	0.0	0.0	0.0	0.0
Revenue growth (%)	29.6	41.1	133.9	99.3
EBITDA growth (%)	-0.3	44.7	121.5	79.2
OP growth (%)	-0.5	30.1	176.3	99.8
EPS growth (%)	-3.7	34.9	172.0	83.0
AR turnover (x)	8.4	10.9	12.8	13.6
Inventory turnover (x)	5.9	3.0	3.6	3.8
AP turnover (x)	8.1	3.6	3.8	4.1
ROA (%)	4.8	3.7	6.1	7.3
ROE (%)	7.4	7.6	18.1	26.4
ROIC (%)	7.4	7.0	12.8	18.7
Debt-to-equity ratio (%)	40.5	162.8	223.0	291.4
Current ratio (%)	182.8	139.7	130.2	120.6
Net debt-to-equity ratio (%)	-1.2	19.4	34.5	37.3
Interest coverage ratio (x)	9.2	7.7	9.9	27.3
· · · · · · · · · · · · · · · · · · ·				

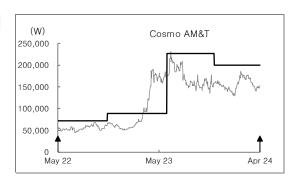
Cosmo AM&T April 30, 2024

# Appendix 1

# **Important disclosures and disclaimers**

#### Two-year rating and TP history

Company	Date	Rating	TP (W)
Cosmo AM&T (005070)	11/17/23	Buy	200,000
	05/30/23	Buy	227,200
	10/27/22	Buy	88,905
	04/21/22	Buv	72.111



Stock rating	s	Sector ratings	s
Buy	Expected 12-month performance: +20% or greater	Overweight	Expected to outperform the market over 12 months
Trading Buy	Expected 12-month performance: +10% to +20%	Neutral	Expected to perform in line with the market over 12 months
Hold	Expected 12-month performance: -10% to +10%	Underweight	Expected to underperform the market over 12 months
Sell	Expected 12-month performance: -10% or worse		

Rating and TP history: Share price (−), TP (■), Not Rated (■), Buy (▲), Trading Buy (■), Hold (•), Sell (•)

- \* Our investment rating is a guide to the expected return of the stock over the next 12 months.
- \* Outside of the official ratings of Mirae Asset Securities Co., Ltd., analysts may call trading opportunities should technical or short-term material developments arise.
- \* The TP was determined by the research analyst through valuation methods discussed in this report, in part based on estimates of future earnings.
- \* TP achievement may be impeded by risks related to the subject securities and companies, as well as general market and economic conditions.

## Ratings distribution and investment banking services

	Buy	Trading Buy	Hold	Sell
Ratings distribution	85.36%	9.15%	5.49%	0%
Investment banking services	80.96%	9.52%	9.52%	0%

<sup>\*</sup> Based on recommendations in the last 12-months (as of March 31, 2024)

# Disclosures

As of the publication date, Mirae Asset Securities Co., Ltd. and/or its affiliates do not have any special interest with the subject company and do not own 1% or more of the subject company's shares outstanding.

## **Analyst certification**

The research analysts who prepared this report (the "Analysts") are registered with the Korea Financial Investment Association and are subject to Korean securities regulations. They are neither registered as research analysts in any other jurisdiction nor subject to the laws or regulations thereof. Each Analyst responsible for the preparation of this report certifies that (i) all views expressed in this report accurately reflect the personal views of the Analyst about any and all of the issuers and securities named in this report and (ii) no part of the compensation of the Analyst was, is, or will be directly or indirectly related to the specific recommendations or views contained in this report. Mirae Asset Securities Co., Ltd. ("Mirae Asset Securities") policy prohibits its Analysts and members of their households from owning securities of any company in the Analyst's area of coverage, and the Analysts do not serve as an officer, director, or advisory board member of the subject companies. Except as otherwise specified herein, the Analysts have not received any compensation or any other benefits from the subject companies in the past 12 months and have not been promised the same in connection with this report. Like all employees of Mirae Asset Securities, the Analysts receive compensation that is determined by overall firm profitability, which includes revenues from, among other business units, the institutional equities, investment banking, proprietary trading, and private client divisions. At the time of publication of this report, the Analysts do not know or have reason to know of any actual, material conflict of interest of the Analyst or Mirae Asset Securities except as otherwise stated herein.

#### Disclaimers

This report was prepared by Mirae Asset Securities, a broker-dealer registered in the Republic of Korea and a member of the Korea Exchange. Information and opinions contained herein have been compiled in good faith and from sources believed to be reliable, but such information has not been independently verified and Mirae Asset Securities makes no guarantee, representation or warranty, express or implied, as to the fairness, accuracy, completeness, or correctness of the information and opinions contained herein or of any translation into English from the Korean language. In case of an English translation of a report prepared in the Korean language, the original Korean language report may have been made available to investors in advance of this report. The intended recipients of this report are sophisticated institutional investors who have substantial knowledge of the local business environment, its common practices, laws, and accounting principles, and no person whose receipt or use of this report would violate any laws or regulations or subject Mirae Asset

Securities or any of its affiliates to registration or licensing requirements in any jurisdiction shall receive or make any use hereof.

This report is for general information purposes only and is not and shall not be construed as an offer or a solicitation of an offer to effect transactions in any securities or other financial instruments. The report does not constitute investment advice to any person, and such person shall not be treated as a client of Mirae Asset Securities by virtue of receiving this report. This report does not take into account the particular investment objectives, financial situations, or needs of individual clients. The report is not to be relied upon in substitution for the exercise of independent judgment. Information and opinions contained herein are as of the date hereof and are subject to change without notice. The price and value of the investments referred to in this report and the income from them may depreciate or appreciate, and investors may incur losses on investments. Past performance is not a guide to future performance. Future returns are not guaranteed, and a loss of original capital may occur. Mirae Asset Securities, its affiliates, and their directors, officers, employees, and agents do not accept any liability for any loss arising out of the use hereof.

Cosmo AM&T April 30, 2024

Mirae Asset Securities may have issued other reports that are inconsistent with, and reach different conclusions from, the opinions presented in this report. The reports may reflect different assumptions, views, and analytical methods of the analysts who prepared them. Mirae Asset Securities may make investment decisions that are inconsistent with the opinions and views expressed in this research report. Mirae Asset Securities, its affiliates, and their directors, officers, employees, and agents may have long or short positions in any of the subject securities at any time and may make a purchase or sale, or offer to make a purchase or sale, of any such securities or other financial instruments from time to time in the open market or otherwise, in each case either as principals or agents. Mirae Asset Securities and its affiliates may have had, or may be expecting to enter into, business relationships with the subject companies to provide investment banking, market-making, or other financial services as are permitted under applicable laws and regulations.

No part of this document may be copied or reproduced in any manner or form or redistributed or published, in whole or in part, without the prior written consent of Mirae Asset Securities. For further information regarding company-specific information as it pertains to the representations and disclosures in this Appendix 1, please contact compliance@miraeasset.us.com or +1 (212) 407-1000.

#### Distribution

United Kingdom: This report is being distributed by Mirae Asset Securities (UK) Ltd. in the United Kingdom only to (i) investment professionals falling within Article 19(5) of the Financial Services and Markets Act 2000 (Financial Promotion) Order 2005 (the "Order"), and (ii) high net worth companies and other persons to whom it may lawfully be communicated, falling within Article 49(2)(A) to (E) of the Order (all such persons together being referred to as "Relevant Persons"). This report is directed only at Relevant Persons. Any person who is not a Relevant Person should not act or rely on this report or any of its contents. United States: Mirae Asset Securities is not a registered broker-dealer in the United States and, therefore, is not subject to U.S. rules regarding the preparation of research reports and the independence of research analysts. This report is distributed in the U.S. by Mirae Asset Securities (USA) Inc., a member of FINRA/SIPC, to "major U.S. institutional investors" in reliance on the exemption from registration provided by Rule 15a-6(b)(4) under the U.S. Securities Exchange Act of 1934, as amended. All U.S. persons that receive this document by their acceptance hereof represent and warrant that they are a major U.S. institutional investor and have not received this report under any express or implied understanding that they will direct commission income to Mirae Asset Securities or its affiliates. Any U.S. recipient of this document wishing to effect a transaction in any securities discussed herein should contact and place orders with Mirae Asset Securities (USA) Inc. Mirae Asset Securities (USA) Inc. accepts responsibility for the contents of this report in the U.S., subject to the terms hereof, to the extent that it is delivered to a U.S. person other than a major U.S. institutional investor. Under no circumstances should any recipient of this research report effect any transaction to buy or sell securities or related financial instruments through Mirae Asset Securities. The securities described in this report may not have been registered under the U.S. Securities Act of 1933, as amended, and, in such case, may not be offered or sold in the U.S. or to U.S. persons absent registration or an applicable exemption from the registration requirements.

Hong Kong: This report is distributed in Hong Kong by Mirae Asset Securities (HK) Limited, which is regulated by the Hong Kong Securities and Futures Commission. The contents of this report have not been reviewed by any regulatory authority in Hong Kong. This report is for distribution only to professional investors within the meaning of Part I of Schedule 1 to the Securities and Futures Ordinance of Hong Kong (Cap. 571, Laws of Hong Kong) and any rules made thereunder and may not be redistributed in whole or in part in Hong Kong to any person.

India: This report is being distributed by Mirae Asset Capital Markets (India) Private Limited ("MACM") in India to the customers based in India and is personal information only for those authorised recipient(s). MACM is inter alia a Securities and Exchange Board of India ("SEBI") registered Research Analyst in India and is not registered outside India. MACM and Mirae Asset, Korea are group entities. MACM makes no guarantee, representation or warranty, express or implied, as to the fairness, accuracy, completeness or correctness of the information and opinions contained herein. The user assumes the entire risk of any use made of this information. This report has been provided for assistance only and is not intended to be and must not alone be taken as the basis for an investment decision. Recipient must read the entire Appendix 1 to the report carefully for Important Disclosures & Disclaimers.

All other jurisdictions: Customers in all other countries who wish to effect a transaction in any securities referenced in this report should contact Mirae Asset Securities or its affiliates only if distribution to or use by such customer of this report would not violate applicable laws and regulations and not subject Mirae Asset Securities and its affiliates to any registration or licensing requirement within such jurisdiction.

**Cosmo AM&T** April 30, 2024

## **Mirae Asset Securities International Network**

Mirae Asset Securities Co., Ltd. (Seoul)

One-Asia Equity Sales Team Mirae Asset Center 1 Building 26 Eulji-ro 5-gil, Jung-gu, Seoul 04539 Korea

Tel: 82-2-3774-2124

Mirae Asset Securities (USA) Inc.

810 Seventh Avenue, 37th Floor New York, NY 10019

USA

Tel: 1-212-407-1000

Mirae Asset Securities (Singapore) Pte. Ltd.

6 Battery Road, #11-01 Singapore 049909 Republic of Singapore

Tel: 65-6671-9845

Mirae Asset Investment Advisory (Beijing) Co., Ltd

2401B, 24th Floor, East Tower, Twin Towers B12 Jianguomenwai Avenue, Chaoyang District Beijing 100022 China

Tel: 86-10-6567-9699

Ho Chi Minh Representative Office

7F, Saigon Royal Building 91 Pasteur St. District 1, Ben Nghe Ward, Ho Chi Minh City Vietnam

Tel: 84-8-3910-7715

Mirae Asset Securities (HK) Ltd.

Units 8501, 8507-8508, 85/F International Commerce Centre

1 Austin Road West Kowloon Hong Kong Tel: 852-2845-6332

Mirae Asset Wealth Management (Brazil) CCTVM

Rua Funchal, 418, 18th Floor, E-Tower Building Vila Olimpia Sao Paulo - SP 04551-060 Brazil Tel: 55-11-2789-2100

Mirae Asset Securities (Vietnam) LLC

7F, Saigon Royal Building 91 Pasteur St.

District 1, Ben Nghe Ward, Ho Chi Minh City

Vietnam

Tel: 84-8-3911-0633 (ext.110)

**Beijing Representative Office** 

2401A, 24th Floor, East Tower, Twin Towers B12 Jianguomenwai Avenue, Chaoyang District Beijing 100022

China

Tel: 86-10-6567-9699 (ext. 3300)

Mirae Asset Capital Markets (India) Pvt Ltd

1st Floor, Tower 4, Equinox Business Park, LBS Marg, Off BKC, Kurla (West), Mumbai - 400 070

India

Tel: 91-22-62661300 / 48821300

Mirae Asset Securities (UK) Ltd.

41st Floor, Tower 42 25 Old Broad Street, London EC2N 1HQ United Kingdom

Tel: 44-20-7982-8000

PT. Mirae Asset Sekuritas Indonesia

District 8, Treasury Tower Building Lt. 50 Sudirman Central Business District Jl. Jend. Sudirman, Kav. 52-54 Jakarta Selatan 12190 Indonesia

Tel: 62-21-5088-7000

Mirae Asset Securities Mongolia UTsK LLC

#406, Blue Sky Tower, Peace Avenue 17 1 Khoroo, Sukhbaatar District Ulaanbaatar 14240 Mongolia

Tel: 976-7011-0806

**Shanghai Representative Office** 

38T31, 38F, Shanghai World Financial Center 100 Century Avenue, Pudong New Area Shanghai 200120

China

Tel: 86-21-5013-6392