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Green Petroleum Coke (GPC)

➤ Market Review

BAIINFO-China, Domestic GPC transactions slowed in Jun. and the average market prices got lower than that in late May. With import cost slipping, traders were active in shipments. Thus, downstream plants kept strong watching sentiment, depressing sales of domestic resources. Compared to the end of May, individual Sinopec refineries pushed up prices by RMB 20-60/T further. CNPC/PetroChina and CNOOC refineries adjusted prices by RMB 100-400/T. Independent refineries mostly lessened prices by RMB 20-450/T.

Low-sulfur GPC prices still emerged chaotic trends. In downstream side, graphite electrode and anode material plants held stronger demand for GPC as the supply of high-quality resources reduced. Buying interest in ordinary-quality cargos remained soft. For CNPC/PetroChina, Daqing Petrochemical and Fushun Petrochemical raised prices by RMB 400/T, while Jinzhou Petrochemical, Dagang Petrochemical and Liaohe Petrochemical cut prices by RMB 100-230/T continually. For CNOOC, GPC prices dropped in early Jun. and stabilized overall in late Jun. according to different trading performance.

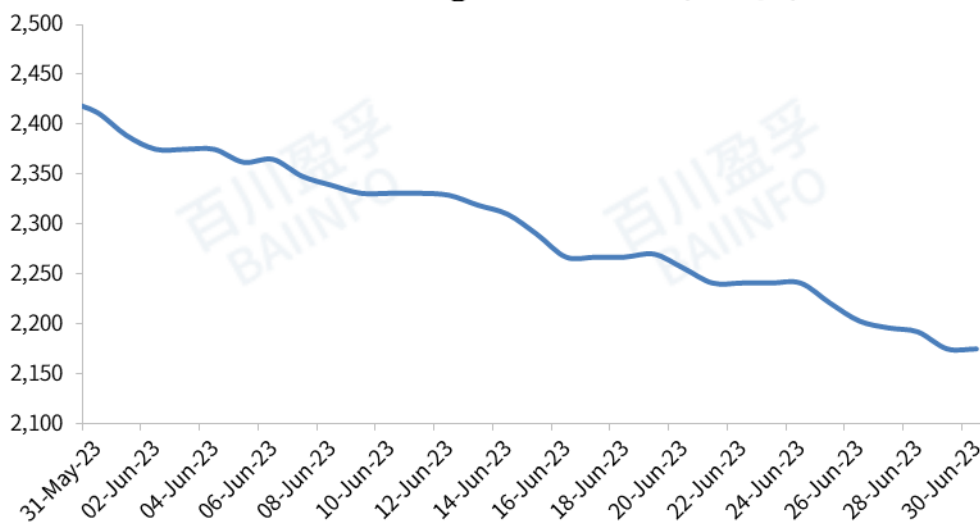
Mid and high-sulfur GPC also registered ups and downs. In downstream side, prebaked anode and anode material plants held better demand for mid-sulfur GPC as aluminum capacities were released gradually. Silicon metal and silicon carbide markets stayed tepid, weighing on high-sulfur GPC market to some extent. For Sinopec, mid-sulfur GPC shipments were steady along the Yangtze River and downstream users mainly restocked cargos on a need-to basis. In East China, mid and high-sulfur GPC transactions were acceptable due to insufficient inventories and healthy demand from traders. In South China, high-sulfur GPC was traded normally and Maoming Petrochemical's resources were all for self-use. In North China and Shandong, refineries focused on fulfilling previous orders. In Northwest China, high-sulfur GPC sold well with tight supply. For CNPC/PetroChina, refineries in Northwest China mostly sustained unchanged prices except of individual decline.

Independent refineries' GPC prices slid RMB 20-450/T overall. Imported resources intensively entered the market because of lower cost, thus downstream users held stronger watching mood, suppressing sales of independent refineries' cargos. In order to attract buying interest, refineries had to push down prices. Up to Jun. 29, mainstream deal prices of low-sulfur ($S \approx 0.5\%$), mid-sulfur ($S \approx 3\%$) and high-sulfur ($S \approx 5\%$) GPC were at RMB 2,600-2,700/T, RMB 1,670-1,958/T and RMB 1,300-1,350/T respectively, EXW, VAT included.

Statistics showed that China imported about 1.4695 million tonnes of GPC in May, 2023, down 22.2% M-o-M and the export volume was about 8,089 tonnes, up 56.39% M-o-M. Imported resources were mostly from Venezuela and the United States in May. With import cost decreasing, transactions of sponge coke were relatively active. Mid and low-sulfur shot coke sold better than high-sulfur resources, which mainly depended on supply condition.

➤ Price Summary

Domestic GPC Average Market Price (RMB/T)



➤ Imp. & Exp. Data

GPC Total Imp. & Exp.

Month	Imp. Qty. (T)	Imp. Val. (USD)	Exp. Qty. (T)	Exp. Val. (USD)
Jan.	1,699,096	446,133,139	44,517	27,010,912
Feb.	1,538,739	433,271,387	4,198	3,681,178
Mar.	1,701,991	442,697,520	22,142	11,949,809
Apr.	1,888,969	477,933,070	5,173	4,186,086
May	1,469,549	378,674,200	8,089	5,500,473
Total	8,298,344	2,178,709,316	84,119	52,328,458

GPC Imports & Exports by Countries/Regions

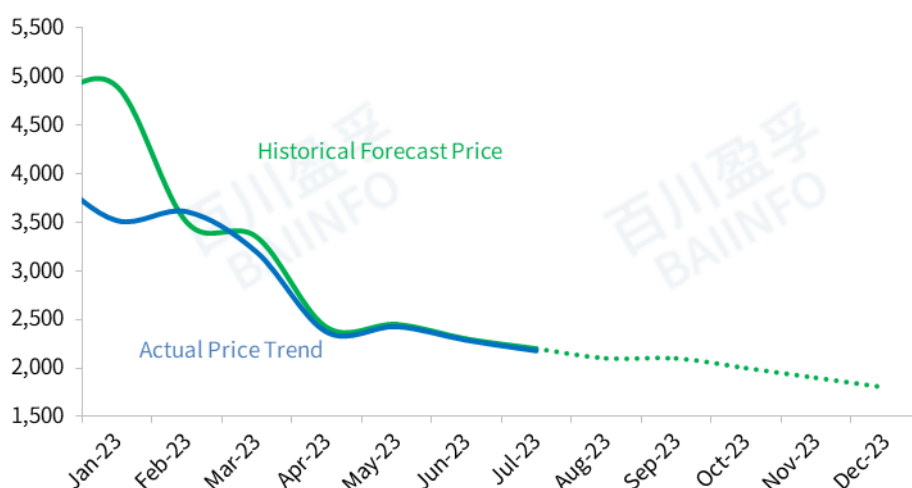
Month	Countries/Regions	Qty (T)	Val. (USD)	Category
23-May	Venezuela	358,433	42,339,350	Import
23-May	USA	304,123	64,782,480	Import
23-May	Brazil	144,185	69,258,858	Import
23-May	Russia	123,439	32,117,130	Import
23-May	Argentina	116,214	48,660,628	Import
23-May	Kazakhstan	63,873	16,243,389	Import
23-May	Taiwan, China	57,868	11,389,805	Import
23-May	Indonesia	55,765	18,123,490	Import
23-May	Columbia	50,800	13,363,381	Import
23-May	Canada	44,000	7,041,544	Import
23-May	Chile	42,000	10,836,000	Import
23-May	Poland	33,000	6,931,760	Import
23-May	Azerbaijan	30,586	18,355,648	Import
23-May	UAE	21,500	6,580,477	Import
23-May	Romania	21,000	10,226,672	Import

23-May	UK	2,762	2,423,588	Import
23-May	Total	1,469,549	378,674,200	Import
23-May	Japan	7,824	5,457,273	Export
23-May	Angola	191	24,858	Export
23-May	Republic of Korea	75	18,291	Export
23-May	Germany	0.081	8	Export
23-May	Mexico	0.001	1	Export
23-May	Turkey	0.001	6	Export
23-May	India	0.002	6	Export
23-May	Canada	0.002	2	Export
23-May	Total	8,089	5,500,473	Export

➤ Forecast

[Next Month: Jul.] On the one hand, GPC supply is likely to be abundant in near future. On the other hand, it is hard to seek enough support from demand end. If the supply-demand contradiction cannot be eased obviously, some GPC prices tend to see more drops of RMB 50-200/T in Jul.

GPC Average Market Price Forecast (RMB/T)



[Next 3 Months: Jul.-Sep.] Supply: GPC supply will see an uptrend in Q3, and GPC inventory at ports remains a high level. Import GPC cost is gradually driven down so that traders hold stronger intention to ship goods. GPC supply is predicted to be ample in Q3.

Demand: With more capacity being released in Guizhou and Yunnan, markets of silicon metal and aluminum for carbon show increasing demand.

Generally, GPC market price is expected to fluctuate down in Q3, with low-sulfur ($S \approx 0.5\%$) around RMB 2,300-4,600/T, mid-sulfur ($S \approx 3\%$, $V < 500 \mu\text{g/g}$) around RMB 1,400-2,150/T and high-sulfur ($S \approx 5\%$) around RMB 1,000-1,350/T.

[Next 6 Months: Jul.-Dec.] GPC prices are predicted to run down from RMB 2,200/T to RMB 2,100/T from Jul. to Sep., and to decline from RMB 2,000/T to RMB 1,800/T from Oct. to Dec.

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Calcined Petroleum Coke (CPC)

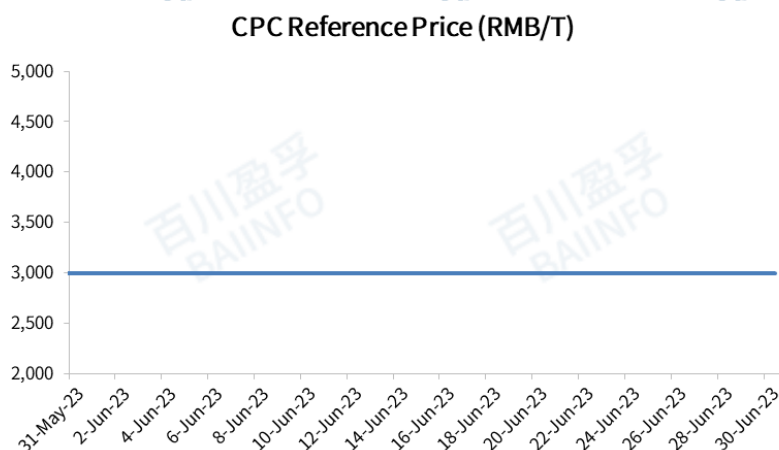
➤ Market Review

Domestic CPC market showed chaotic scenarios in Jun. Low-sulfur CPC prices fluctuated by RMB 300-800/T based on different feedstock source. Mid and high-sulfur CPC prices mostly extended uptrend by RMB 100-200/T due to lean inventories.

Low-sulfur CPC transactions were ordinary overall. In upstream side, Daqing Petrochemical and Fushun Petrochemical pushed up GPC prices further, driving up prices of high-quality CPC. Jinzhou Petrochemical and Jinxi Petrochemical's GPC prices hovered at low level, thus related CPC prices moved down. In supply side, low-sulfur CPC output did not change obviously in Jun. and some newly-built capacities would be put into running in Jul-Aug. In downstream side, graphite electrode plants held low productivity and some even suspended operation, leading to sluggish demand for CPC. Buying interest from cathode material and carburant plants was also weak, weighing on low-sulfur CPC market. As of Jun. 29, mainstream deal price for CPC produced with GPC from Jinxi Petrochemical and Jinzhou Petrochemical stood at RMB 4,500-4,700/T, EXW. Mainstream deal price of CPC made from Fushun Petrochemical's GPC ran at RMB 6,750-6,885/T, EXW. CPC produced with GPC from China Offshore Bitumen (Binzhou) Co., Ltd. and Liaohe Petrochemical was sold at RMB 4,000-4,200/T, EXW.

Mid and high-sulfur CPC shipments were good. In upstream side, mid and high-sulfur GPC prices registered mixed trends, but the impact on CPC market was mild. In supply side, mid and high-sulfur CPC production recovered continually with acceptable profits. In downstream side, aluminum smelters restarted operation successively, prompting to better demand for CPC requesting little trace element. Anode material graphitization plants also increased outputs amid rallying market, boosting sales of CPC without requirement on trace elements. Therefore, mid and high-sulfur CPC enterprises raised prices further despite feedstock prices turned bearish. Up to Jun. 29, mainstream deal price for CPC (S: 3%) without requirement on content of trace elements ran at RMB 2,350-2,400/T, EXW, by acceptance. Mainstream deal prices for CPC (S: 3%, V<600 μ g/g) without requirement on content of other trace elements stood at RMB 2,700-2,750/T, EXW, by acceptance. Mainstream deal prices for CPC (S: 3%, V<500 μ g/g) without requirement on content of other trace elements stood at RMB 2,800-2,900/T, EXW, by acceptance. Mainstream deal price for CPC (S: 3%, V<350 μ g/g) without requirement on content of other trace elements was around RMB 2,900-3,200/T, EXW, by acceptance. Actual deal price for exported CPC (S: 3%) requiring low content of all trace elements would be negotiated.

➤ Price Summary



China's Mid-sulfur CPC Reference Export Prices (Unit: RMB/T)

Mid-sulfur CPC (S<3%, V<400µg/g)

Date	Low End	High End	Average Price
1-Jun-23	3,044	3,532	3,288
2-Jun-23	3,057	3,532	3,295
5-Jun-23	3,096	3,532	3,314
6-Jun-23	3,120	3,532	3,326
7-Jun-23	3,058	3,470	3,264
8-Jun-23	3,058	3,470	3,264
9-Jun-23	3,045	3,470	3,257
12-Jun-23	2,995	3,453	3,224
13-Jun-23	3,002	3,453	3,227
14-Jun-23	2,997	3,446	3,221
15-Jun-23	2,993	3,446	3,219
16-Jun-23	2,986	3,446	3,216
19-Jun-23	2,906	3,446	3,176
20-Jun-23	2,881	3,431	3,156
21-Jun-23	2,840	3,401	3,120
25-Jun-23	2,853	3,401	3,127
26-Jun-23	2,829	3,401	3,115
27-Jun-23	2,816	3,401	3,108
28-Jun-23	2,831	3,444	3,138
29-Jun-23	2,827	3,444	3,135
30-Jun-23	2,831	3,434	3,133

Notes: 1. All prices above refer to average deal prices, FOB China, and there will be some difference in actual prices among specific enterprises. 2. The data is only for the reference of subscribers. Any profit and loss of the actual transaction has nothing to do with BAIINFO.

➤ Imp. & Exp. Data

CPC Total Imp. & Exp.

Month	Imp. Qty. (T)	Imp. Val. (USD)	Exp. Qty. (T)	Exp. Val. (USD)
Jan.	17,390	17,759,267	73,937	62,206,520
Feb.	8,494	7,629,177	114,818	87,963,181
Mar.	61,165	16,640,835	189,288	134,139,765
Apr.	24,148	18,761,585	119,798	76,466,451
May	9,645	11,185,151	62,483	38,215,613
Total	120,843	71,976,015	560,324	398,991,530

CPC Imports & Exports by Countries/Regions

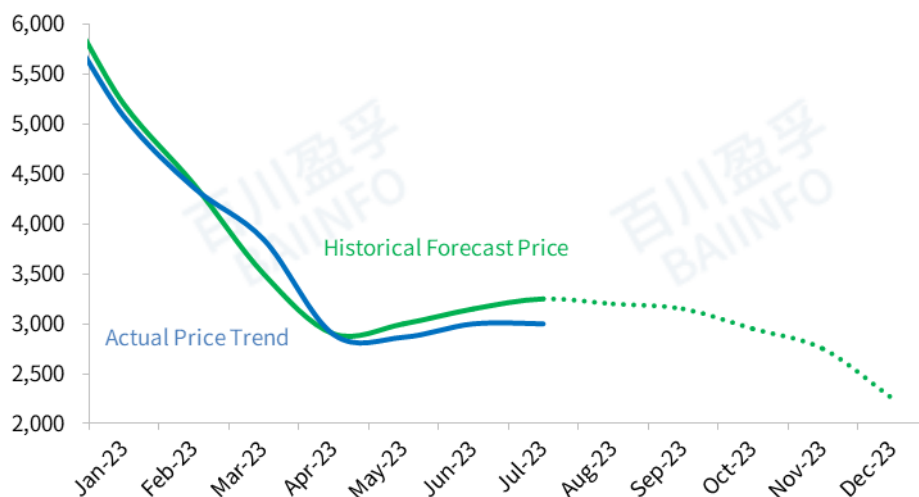
Month	Countries/Regions	Qty (T)	Val. (USD)	Category
23-May	UK	8,004	9,988,330	Import
23-May	Kazakhstan	1,160	397,779	Import
23-May	USA	313	479,605	Import
23-May	Japan	135	203,522	Import
23-May	Germany	18	60,806	Import
23-May	Sweden	15	46,628	Import

23-May	Switzerland	1	8,139	Import
23-May	Canada	0.015	342	Import
23-May	Total	9,645	11,185,151	Import
23-May	India	26,272	15,444,566	Export
23-May	UAE	15,305	7,014,154	Export
23-May	Belgium	12,000	4,740,000	Export
23-May	Republic of Korea	2,774	2,398,134	Export
23-May	Russia	2,656	5,432,133	Export
23-May	Japan	1,906	1,525,074	Export
23-May	Iran	571	355,500	Export
23-May	Australia	346	279,839	Export
23-May	Brazil	140	131,600	Export
23-May	Saudi Arabia	120	130,815	Export
23-May	Indonesia	108	76,430	Export
23-May	Spain	100	511,000	Export
23-May	Bangladesh	50	40,300	Export
23-May	Vietnam	25	16,381	Export
23-May	Slovenia	24	17,040	Export
23-May	Taiwan, China	20	15,105	Export
23-May	South Africa	20	26,400	Export
23-May	USA	19	31,629	Export
23-May	Algeria	14	18,204	Export
23-May	Mexico	14	11,270	Export
23-May	Egypt	0.023	5	Export
23-May	Canada	0.020	10	Export
23-May	Switzerland	0.011	14	Export
23-May	France	0.007	10	Export
23-May	Total	62,483	38,215,613	Export

➤ Forecast

[Next Month: Jul.] As market players adopt watching attitude gradually, domestic low-sulfur CPC market prices may keep range-bound with individual adjustments of RMB 200-300/T in Jul. Considering the stalemate between upstream and downstream ends, mid and high-sulfur CPC market prices are expected to be largely flat with regional fluctuations of RMB 50/T in Jul.

CPC Reference Price Forecast (RMB/T)



[Next 3 Months: Jul.-Sep.] Upstream Related Products: GPC market price is expected to fluctuate down in Q3, with low-sulfur ($S \approx 0.5\%$) around RMB 2,300-4,600/T, mid-sulfur ($S \approx 3\%$, $V < 500 \mu\text{g/g}$) around RMB 1,400-2,150/T and high-sulfur ($S \approx 5\%$) around RMB 1,000-1,350/T.

Supply: As a newly-built enterprise in Northeast China and those shutdown plants are going to produce CPC, supply of low-sulfur CPC may increase. At the beginning of Q3, downstream market may still stay flat, but demand will recover later. As for mid and high-sulfur CPC markets, cathode material plants are likely to drive up the demand. In Q3, those shutdown mid and high-sulfur CPC enterprises are predicted to resume normal production, and some newly-built capacity will be released. Hence, supply of mid and high-sulfur CPC may move up.

In the next three months, low-sulfur CPC market may keep falling by around RMB 100-200/T amid ample supply and stagnant downstream market. Mid and high-sulfur CPC price may keep largely steady amid increasing supply and better demand, and the price will hover by around RMB 50-200/T according to the prices of raw materials.

[Next 6 Months: Jul.-Dec.] CPC prices are predicted to ramp down from RMB 3,250/T to RMB 3,150/T from Jul. to Sep., and to decrease from RMB 2,950/T to RMB 2,250/T from Oct. to Dec.

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Coal Tar Pitch

➤ Market Review

In Jun., coal tar pitch market mainly declined and was pushed up at the end of month. This month, modified pitch purchasing price was as follows: In Northeast China, mainstream reference price was around RMB 4,800-4,900/T (payment by acceptance). In Southwest China, low-end reference price was RMB 4,200-4,300/T (payment by acceptance).

Contributors:

1 In the middle of the month, coal tar market dropped significantly, which was bearish to coal tar pitch market. Till the second half month, coal tar price stopped falling and moved up back, driving up coal tar pitch market trading prices from cost side.

2 In Jun., coal tar distillation industry utilization rate stayed high so that supply of coal tar pitch was sufficient, which was adverse to price negotiation.

3 Downstream players saw the market to be bearish and took goods inactively at the beginning of Jun. Later, prebaked anode industry utilization rate rose, driving up trading prices of coal tar pitch market.

Upstream: In Jun., coal tar market ran up after a decrease, and the average monthly market price was around RMB 3,916/T, up RMB 988/T or 33.74% MoM. Up to Jun. 27, BAIINFO coal tar spot prices were at RMB 3,656/T, down RMB 154/T or 4.04% MoM. In main producing areas (Hebei, Shanxi and Shandong), mainstream price assessment was at RMB 3,700-3,930/T.

Downstream: Prebaked Anode: For this month, prebaked anode trading prices extended downside due to decreasing cost support. As for market prices, high-end and low-end prices were assessed at RMB 4,890-5,310/T and RMB 4,490-4,970/T, respectively.

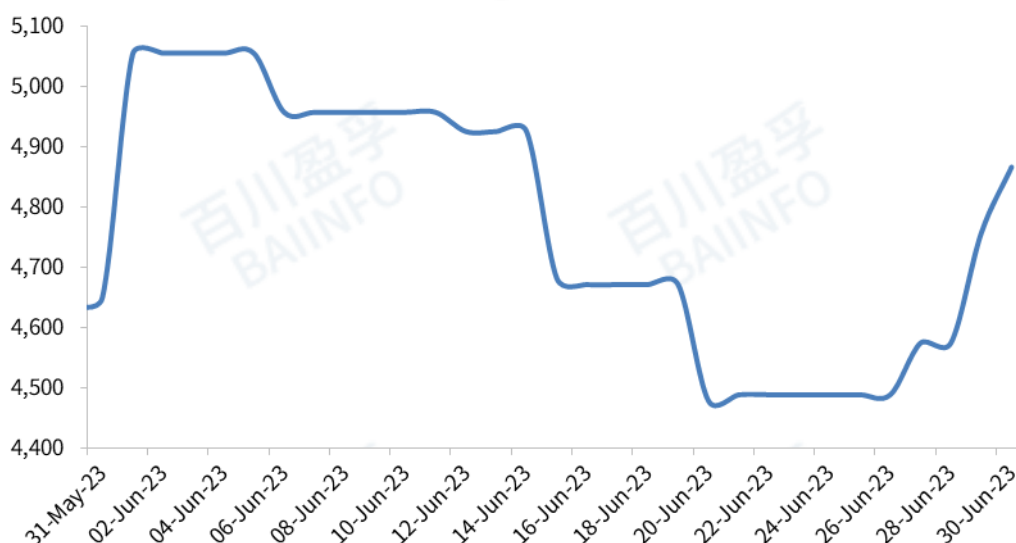
Graphite Electrode: For this month, graphite electrode market registered a downtrend due to the lack of orders and average monthly price was around RMB 18,536/T, down 9.27% MoM. Graphite electrode enterprises operated at low levels, and individual ones stopped producing to consume the inventories. Some of them even produced based on sales conditions to avoid overstock.

Needle Coke: For this month, needle coke market prices slid by around RMB 200-300/T, and shipments of some needle coke producers turned better as downstream buyers restocked goods. Buyers mostly lower needle coke prices so that producers had to cut prices to relieve inventory pressure. In downstream, graphite electrode enterprises ran at low operation rates, thus they purchased needle coke on rigid demand. Anode materials industry started recovering, but players squeezed down needle coke prices hugely and mostly purchased low-priced resources.

Supply: In Jun., the overall utilization rate of coal tar distillation enterprises was constantly high. Individual coal tar distillation enterprises curtailed production and resumed production alternately. In mid-to-late Jun., the enterprises in some regions reduced production obviously under great losses. Next month, the overall utilization rate will remain high.

➤ Price Summary

Coal Tar Pitch Average Market Price (RMB/T)



➤ Imp. & Exp. Data

Coal Tar Pitch Total Imp. & Exp.

Month	Imp. Qty. (T)	Imp. Val. (USD)	Exp. Qty. (T)	Exp. Val. (USD)
Jan.	487	330,637	83,764	97,185,171
Feb.	345	464,323	20,903	23,768,220
Mar.	378	441,554	70,372	82,039,430
Apr.	1,929	1,493,342	60,091	67,396,275
May	1,928	1,231,897	75,333	81,492,037
Total	5,068	3,961,753	310,463	351,881,133

Coal Tar Pitch Imports & Exports by Countries/Regions

Month	Countries/Regions	Imp. Qty (T)	Imp. Val. (USD)	Exp. Qty (T)	Exp. Val. (USD)
23-May	Japan	54	93,116	3,252	2,280,689
23-May	UAE	1,505	589,903	13,941	15,976,350
23-May	Germany	163	281,130	0.005	390
23-May	Poland	205	266,546	0	0
23-May	Switzerland	0.048	844	0.002	2
23-May	USA	0.012	358	0	0
23-May	Bahrain	0	0	16,484	18,759,277
23-May	Cyprus	0	0	0.005	8
23-May	Hong Kong, China	0	0	3.54	153
23-May	India	0	0	1,162	620,398
23-May	Indonesia	0	0	40.74	23,629
23-May	Maldives	0	0	26	2,350
23-May	Oman	0	0	4,705	5,025,229
23-May	Pakistan	0	0	40	40,540
23-May	Qatar	0	0	4,707	5,335,900
23-May	Saudi Arabia	0	0	5,601	6,440,716
23-May	Republic of Korea	0	0	16	19,200
23-May	Turkey	0	0	20	21,000
23-May	Turkmenistan	0	0	18	19,128
23-May	Mozambique	0	0	3,909	4,450,496
23-May	Nigeria	0	0	63.57	37,113
23-May	South Africa	0	0	4,100	4,667,850
23-May	Russia	0	0	5,996	5,053,666
23-May	Brazil	0	0	3,000	2,961,000
23-May	Canada	0	0	0.004	0
23-May	Australia	0	0	3,997	4,728,555
23-May	New Zealand	0	0	4,251	5,028,398
23-May	Total	1,928	1,231,897	75,333	81,492,037

➤ Forecast

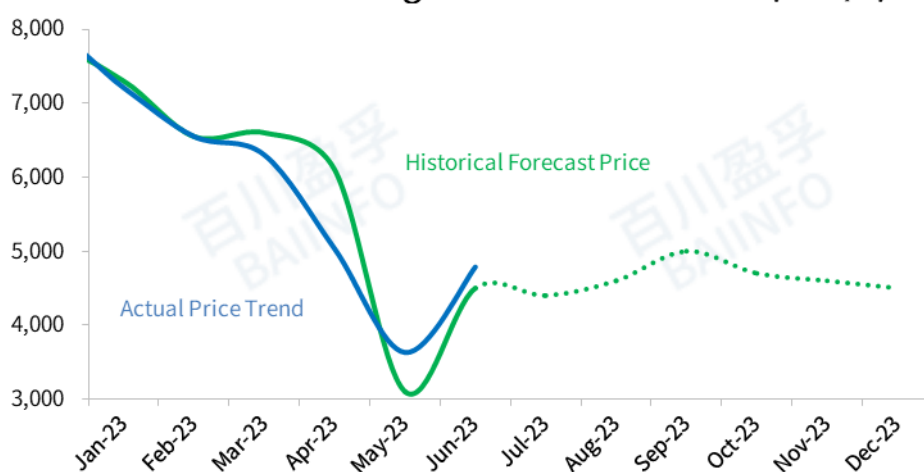
[Next Month: Jul.] In Jul., coal tar pitch market is expected to climb and then it may stabilize. As for modified pitch, mainstream price is estimated at RMB 4,400-5,000/T (payment by acceptance).

1 Feedstock coal tar prices are likely to go up in a short run amid supportive demand. However, the uptrend is probably to be restrained by downstream coal tar distillates, so that coal tar prices are less possible to keep upward.

2 Coal tar pitch supply is forecasted to stand high later.

3 In northern Guangdong, new trading prices of prebaked anode are anticipated to move up in Jul. Coupled with production return of aluminum, the utilization rate of prebaked anode is projected to rise, whereas the utilization rate remains low in graphite electrode and needle coke industries.

Modified Pitch Average Market Price Forecast (RMB/T)



[Next 3 Months: Jul.-Sep.] In Q3 2023, coal tar pitch market is expected to go up in Jul., but downsides are likely to be seen in middle-to-late Jul. In Aug. and Sep., coal tar pitch market inventory is predicted to increase at the back of high production of coal tar distillation as for now. In autumn, the turnaround of coal tar distillation is also likely to be conducted ahead of schedule, so that market supply may decrease. Hence, coal tar pitch prices are forecasted to rebound after dropping and high-end prices of modified pitch are estimated at RMB 3,800-5,500/T.

On supply, the utilization rate of coal tar distillation continued to go up in Q2 2023 and stood high as a whole, but downstream demand was unimproved, resulting in loose supply-demand pattern. In Jul. and Aug., the utilization rate of coal tar distillation may go down and the turnaround is also likely to be conducted ahead of schedule in Aug. Combined, the utilization rate of coal tar distillation may decline in Q3 2023.

On demand, prebaked anode demand situation depends on production return of aluminum. In Southwest China, production return is in slow process and market players work on depleting inventory, as a result, prebaked anode demand needs more time to recover. In early Q3, demand of steelmakers is less possible to improve significantly. Until Aug., the demand will turn better. Besides, enthusiasm of electric furnace steel production has increased, likely to encourage buying interest in graphite electrodes, and graphite electrode enterprises are expecting to see uptrend. Overall, trading sentiment of graphite electrode will gradually recover but coal-based needle coke can't follow the suit in Q3. In another word, coal tar pitch demand in Q3 may be better than in Q2, but the obvious improvement should be seen in Aug.

[Next 6 Months: Jul.-Dec.] Modified pitch average market prices are predicted to run up from RMB 4,400/T to RMB 5,000/T from Jul. to Sep., and to drop from RMB 4,700/T to RMB 4,500/T from Oct. to Dec.

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Prebaked Anode

➤ Market Review

In Jun., domestic prebaked anode trading price saw further decline. Purchase price of one aluminum smelter in Shandong dropped by RMB 300/T MoM. As of Jun. 27, low-end market price of prebaked anode was at RMB 4,490-4,970/T and high-end market price was at RMB 4,890-5,310/T. At early stage, raw material coal tar pitch market went down greatly and GPC market ramped up. However, the rise range of GPC price was narrower than the decline range of coal tar pitch price, so prebaked anode market gained weak cost support. Major prebaked anode plants tended to carry on stable production while individual plants had no plan for increasing production. Downstream aluminum smelters continued to resume production, leading to rigid demand for prebaked anode.

On supply side, prebaked anode supply grew slightly. In Shandong, most prebaked anode plants held stable production while individual plants cut production and a few plants conducted turnaround. In Central China, some plants curtailed production and some plants reached full-load production. In Northwest China, some plants carried on normal production and some plants shut down for turnaround. In Guangxi and Guizhou, plants held high production.

On demand side, individual aluminum smelters in Shanxi conducted regular turnaround. Aluminum smelters continued to resume production in Guizhou and began to restart in Yunnan. Thus, demand for prebaked anode slightly improved.

From international aspect, the export volume of prebaked anode fell. Currently, one aluminum smelter in Indonesia mainly purchased domestic cargoes on short-term contracts. On the whole, with limited growth in overseas demand and descending raw material price, prebaked anode export unit price kept moving down.

Upstream Related Products: The cost of prebaked anode dropped. GPC market went down due to relatively sufficient supply and ordinary downstream buying interests. Coal tar pitch market declined because raw material market slid down and downstream enterprises took cargoes cautiously.

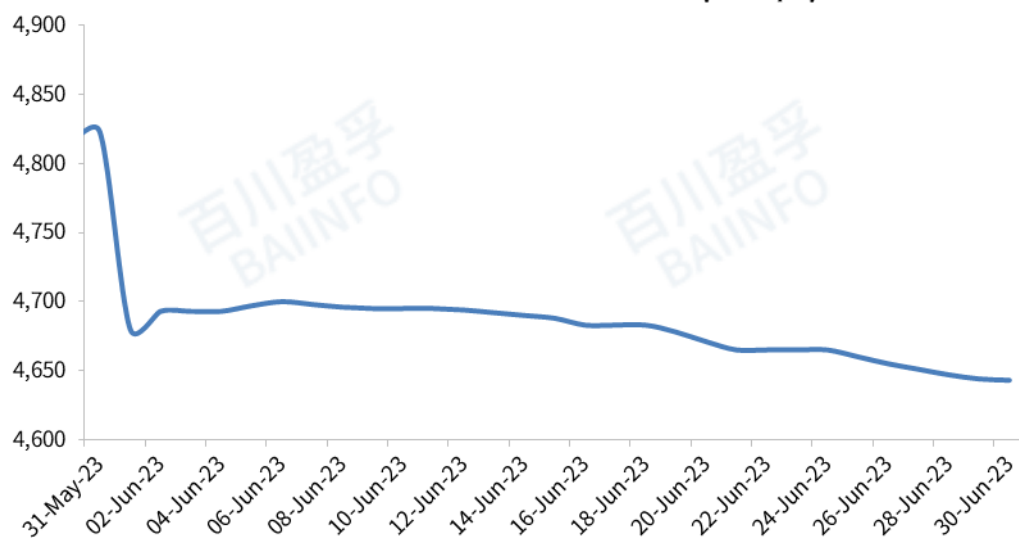
On profit side, some prebaked anode plants suffered losses. Raw material market slid down. Owing to longer production period, individual prebaked anode plants which had high-priced raw materials and held high inventory of finished products still bore cost pressure.

On inventory side, prebaked anode inventory was at a mid-to-high level. Prebaked anode plants mainly committed to contracts. Downstream aluminum smelters increased procurement because of decreasing inventory. Some prebaked anode plants were destocking caused by high inventory of finished products.

On the whole, with less cost support and sluggish downstream demand, prebaked anode trading price moved downward in Jun.

➤ Price Summary

Prebaked Anode Reference Price (RMB/T)



➤ Imp. & Exp. Data

Prebaked Anode Total Imp. & Exp.

Month	Imp. Qty. (T)	Imp. Val. (USD)	Exp. Qty. (T)	Exp. Val. (USD)
Jan.	0	0	192,222	232,137,154
Feb.	0	0	133,726	158,403,326
Mar.	0	0	118,254	140,250,661
Apr.	0	0	171,661	177,057,465
May	0	0	115,495	114,071,755
Total	0	0	731,358	821,920,361

Prebaked Anode Exports by Countries/Regions (Unit:T)

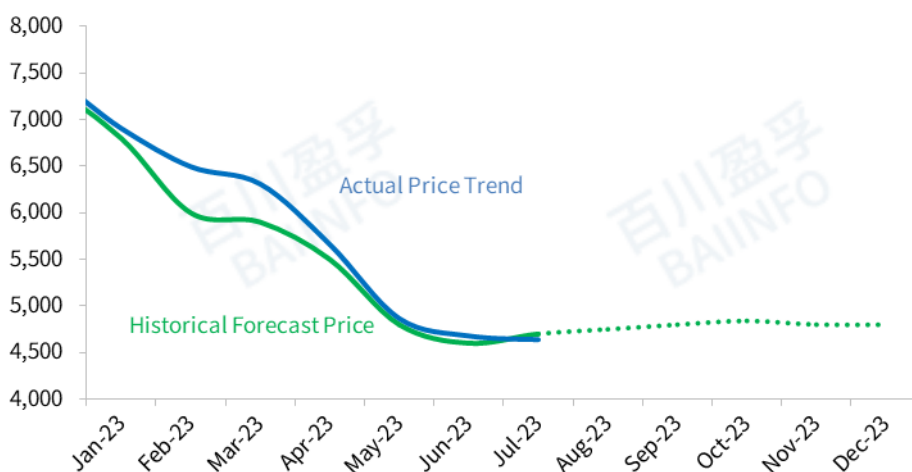
Month	Countries/Regions	Qty
23-May	Malaysia	20,795.30
23-May	Canada	19,904.43
23-May	Russia	14,546.20
23-May	Norway	13,883.63
23-May	Indonesia	12,120.47
23-May	Iceland	8,176.55
23-May	India	6,212.30
23-May	United Arab Emirates	5,265.64
23-May	Kazakhstan	4,677.63
23-May	Azerbaijan	2,978.71
23-May	Greece	1,686.96
23-May	Saudi Arabia	1,266.97
23-May	Bahrain	1,082.40
23-May	United Kingdom	1,081.92
23-May	Brazil	651.01
23-May	Egypt	415.16

23-May	United States	221.01
23-May	Spain	170.92
23-May	Qatar	118.56
23-May	Turkey	98.42
23-May	Australia	76.39
23-May	South Korea	49.78
23-May	Mexico	14.4
23-May	Singapore	0.03
23-May	Total	115,495

➤ Forecast

[Next Month: Jul.] It is predicted that prebaked anode trading price will edge up by RMB 130-150/T in Jul. At present, the rise range of coal tar pitch price is wider than the decline range of GPC price, bolstering prebaked anode market.

Prebaked Anode Reference Price Forecast (RMB/T)



[Next 3 Months: Jul.-Sep.] Prebaked anode price will run down in Jul.-Sep., staying around RMB 3,900-4,400/T.

Upstream Related Products: GPC market price is expected to fluctuate down amid ample supply. With both bullish and bearish factors from supply and demand sides and cost support, coal tar pitch market may continue to run in a strong condition.

Supply: The overall supply of prebaked anode will be stable-to-upward. Producers mainly produce based on orders.

Demand: Aluminum plants in Yunnan resume production in a large scale, driving up aluminum supply. It is possible that some aluminum plants may cut production due to rising electricity consumption, but generally, supply of aluminum will keep running up in Jul.-Sep.

[Next 6 Months: Jul.-Dec.] Prebaked anode prices are predicted to rise from RMB 4,700/T to RMB 4,800/T from Jul. to Sep., and to go down from RMB 4,840/T to RMB 4,800/T from Oct. to Dec.

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Aluminum Fluoride

➤ Market Review

Aluminum fluoride prices edged down, with price averaging RMB 8,920/T, down RMB 49/T and 0.55%, MoM. As of Jun. 27, mainstream prices were RMB 8,600-9,200/T in Henan and Hunan, RMB 8,600-9,000/T in Shandong and RMB 8,700-9,300/T in Gansu. Up to Jun. 27, domestic aluminum fluoride average trading price was RMB 8,909/T. Negative forces lied in oversupply, lower bidding prices and downsides of raw material fluorite.

Supply: aluminum fluoride production situation varied. Some aluminum fluoride plants cut production due to raw materials shortage and price downtrend. Some plants resumed production for aluminum fluoride long-term orders. In short, aluminum fluoride supply edged up in Jun.

Demand: Production resumption of aluminum existed mainly in Guizhou and Yunnan. As such, Theoretical demand for aluminum fluoride rose. Downstream aluminum producers mostly held watching mood due to bearish outlooks. Fewer deals were concluded over last month.

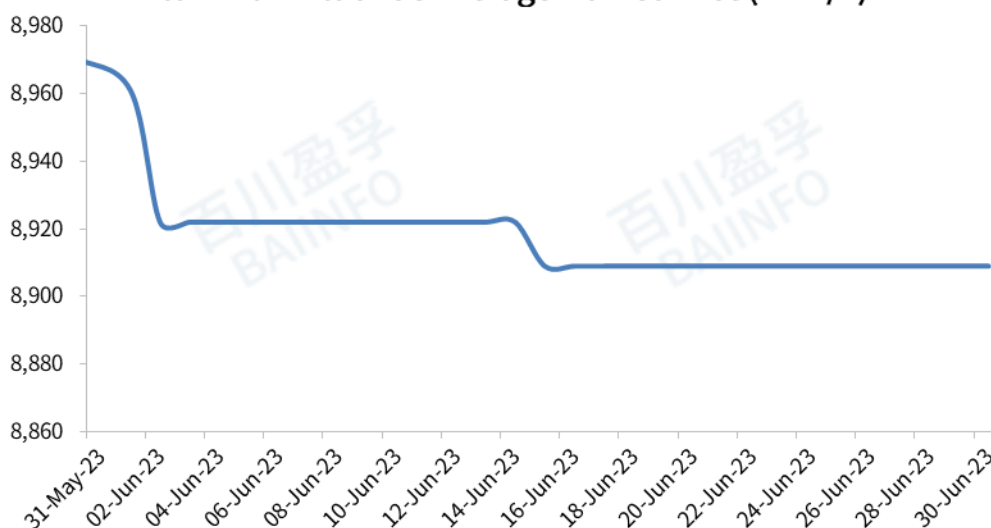
Upstream Related Products: Feedstock prices saw limited downsides over last month. Average price for 97% fluorite wet powder was RMB 3,141/T, down RMB 20/T and 0.63%, MoM. Sulfuric acid average price was at RMB 94/T, down 9/T and 8.74%, MoM. Aluminum hydroxide average price was at RMB 1,824/T, down RMB 24/T and 1.3%, MoM.

Profit: With lower feedstock prices, aluminum fluoride prices edged down. As such, profit edged up.

Inventory: Aluminum fluoride inventory stayed at low level in Jun.

➤ Price Summary

Aluminum Fluoride Average Market Price (RMB/T)



➤ Imp. & Exp. Data

Aluminum Fluoride Total Imp. & Exp.

Month	Imp. Qty. (T)	Imp. Val. (USD)	Exp. Qty. (T)	Exp. Val. (USD)
Jan.	20	133,375	4,957	7,501,282
Feb.	0	0	4,910	7,335,452
Mar.	20	133,780	16,569	23,131,470
Apr.	0	0	11,345	14,881,653
May	0.003	4,046	10,374	14,102,373
Total	40.003	271,201	48,155	66,952,230

Aluminum Fluoride Imp. & Exp. by Countries/Regions

Month	Countries/Regions	Qty (T)	Val. (USD)	Category
23-May	USA	0	399	Import
23-May	China	0.003	3,647	Import
23-May	Total	0.003	4,046	Import
23-May	Argentina	300	426,925	Export
23-May	Australia	1,185	1,480,329	Export
23-May	Bahrain	810	1,053,330	Export
23-May	Brazil	2,800	3,981,500	Export
23-May	Kazakhstan	299	521,295	Export
23-May	Republic of Korea	40	56,192	Export
23-May	Ghana	306	410,958	Export
23-May	Malaysia	1,005	1,296,752	Export
23-May	USA	26	65,982	Export
23-May	Japan	169	229,831	Export
23-May	New Zealand	270	344,517	Export
23-May	India	2,160	2,881,346	Export
23-May	Indonesia	1,000	1,345,916	Export
23-May	Vietnam	5	7,500	Export
23-May	Total	10,374	14,102,373	Export

➤ Forecast

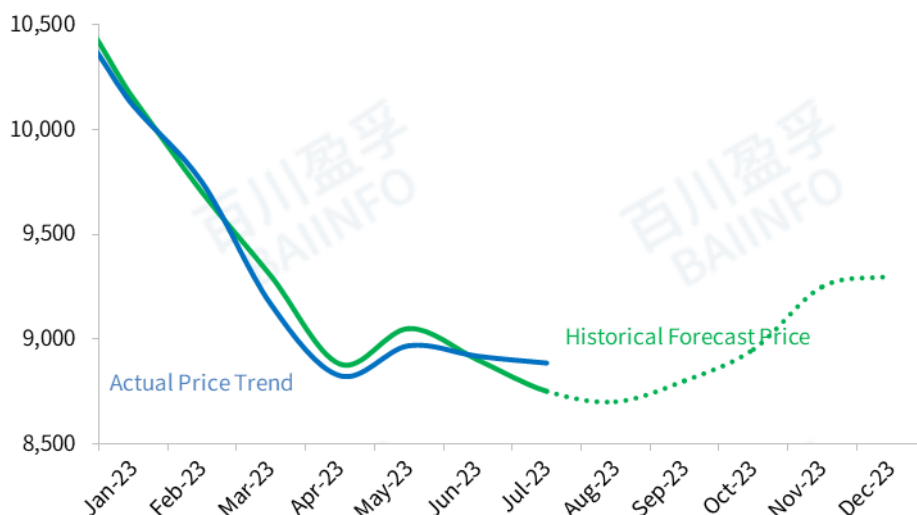
[Next Month: Jul.] On supply, due to unideal trend of hydrofluoric acid, flexible production lines may be used for producing aluminum fluoride. As such, aluminum fluoride supply may stay at a high level in Jul.

On demand, constant underpricing from downstream led to pessimistic mood. Downstream aluminum producers were not eager to replenish as they stocked enough. Aluminum fluoride demand may remain sluggish in Jul.

On cost, fluoride prices may see seasonal downtrend. Aluminum fluoride cost may move down in Jul.

Generally, bearish forces lie in oversupply, sluggish demand, constant underpricing, and weakened cost. Aluminum fluoride prices are expected to edge down in Jul., averaging at RMB 8,700-8,800/T.

Aluminum Fluoride Price Forecast (RMB/T)



[Next 3 Months: Jul.-Sep.] Supply: As hydrofluoric acid price stayed high last year, downstream plants held sufficient inventories of hydrofluoric acid. Hence, hydrofluoric acid price this year will be ordinary. Then, aluminum fluoride plants switch to mainly produce aluminum fluoride this year rather than hydrofluoric acid. Aluminum fluoride supply is expected to be driven up slightly.

Demand: Downstream plants believe aluminum fluoride supply stays high so that they lower the prices. If the supply continues to be pushed up, demand side will be hard to recover. In Jul.-Sep., demand for aluminum fluoride is predicted to stay lukewarm.

Upstream Related Products: Fluorite price may keep falling slightly, while aluminum hydroxide price is going to decline, and sulfuric acid price is predicted to change limitedly. Generally, cost side of aluminum fluoride market will decrease moderately in Jul.-Sep.

In general, aluminum fluoride price may show downward risk amid high supply and lackluster demand. However, the price will not drop sharply due to cost support, and it will slide by around RMB 100-300/T in Jul.-Sep.

[Next 6 Months: Jul.-Dec.] Aluminum fluoride prices are predicted to hover around RMB 8,700-8,800/T from Jul. to Sep., and to increase from RMB 8,950/T to RMB 9,300/T from Oct. to Dec.

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Liquid Caustic Soda

➤ Market Review

In Jun., domestic liquid caustic soda market didn't recover, and the price continued falling. This month, average price of 32% ionic membrane liquid caustic soda was RMB 878.4/T, down RMB 24.2/T or 2.68% MoM; and of 50% ionic membrane liquid caustic soda was RMB 1,561.7/T, down RMB 48.6/T or 3.02% MoM.

Up to Jun. 26, 2023, liquid caustic soda prices in all regions were as follows (The prices below were cash payment. RMB 15-20/T and RMB 30/T should be added to low-concentration and high-concentration liquid caustic soda separately, by

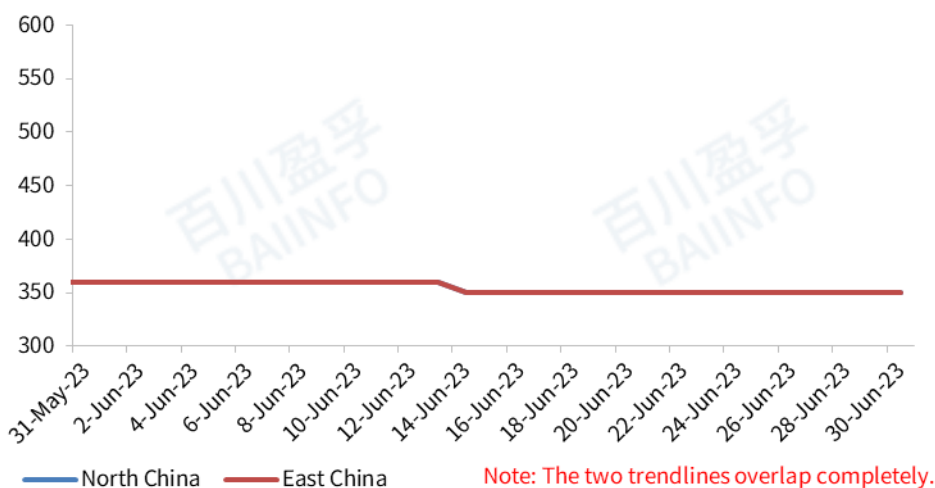
acceptance.)

Mainstream prices of 32% ionic membrane liquid caustic soda: Price of 32% ionic membrane liquid caustic soda for alumina plants in Shandong was RMB 710/T, cash payment. Prices were around RMB 740-820/T in Hebei, RMB 700-820/T in Jiangsu, RMB 750-850/T in Anhui, RMB 870-900/T in Jiangxi, RMB 1,000-1,100/T in Guangxi and RMB 1,000-1,150/T in Liaoning. Prices were around RMB 2,500-2,550/T in Tianjin, RMB 2,950-3,000/T in Henan, RMB 2,350-2,450/T in Inner Mongolia, and RMB 3,100-3,200/T in Sichuan, all on 100% basis.

Mainstream prices of high-concentration liquid caustic soda: In Shandong, price of 48% ionic membrane liquid caustic soda was RMB 1,150-1,170/T and of 50% one was RMB 1,170-1,300/T. Price of 49% ionic membrane liquid caustic soda in Tianjin was RMB 2,650-2,700/T, on 100% basis; of 50% one in Guangxi was RMB 1,550-1,650/T; of 48-50% ones in Inner Mongolia was RMB 2,500-2,550/T, on 100% basis; of 48-50% ones in Jiangsu was RMB 1,180-1,400/T; of 45-50% ones in Liaoning was RMB 1,650-1,660/T, and of 50% one in Sichuan was RMB 3,200-3,300/T, on 100% basis.

➤ Price Summary

50% Liquid Caustic Soda Export Price (FOB, USD/T)



➤ Imp. & Exp. Data

Liquid Caustic Soda Total Imp. & Exp.

Month	Imp. Qty. (T)	Imp. Val. (USD)	Exp. Qty. (T)	Exp. Val. (USD)
Jan.	3,323	1,671,134	250,776	116,219,713
Feb.	45	311,765	231,251	112,108,541
Mar.	8,620	3,295,151	187,636	72,230,358
Apr.	84	447,895	170,116	62,338,759
May	55	319,780	128,627	45,514,235
Total	12,128	4,541,725	968,406	408,411,606

Liquid Caustic Soda Imports & Exports by Countries/Regions

Month	Countries/Regions	Imp. Qty (T)	Imp. Val. (USD)	Exp. Qty (T)	Exp. Val. (USD)
23-May	Australia	0	0	71,309	27,870,605
23-May	Indonesia	0	0	23,702	6,788,628
23-May	Taiwan, China	10	16,842	16,246	5,257,979

23-May	Vietnam	0	0	7,176	2,730,914
23-May	the Philippines	0	0	5,150	955,387
23-May	Thailand	0.002	635	4714	1,801,496
23-May	Hong Kong, China	0	0	233	60,488
23-May	Cambodia	0	0	25	19,891
23-May	Ireland	0	0	25	9,258
23-May	Curacao	0	0	24	8,400
23-May	Malaysia	0	0	23	11,114
23-May	India	0	0	0.003	75
23-May	Japan	13	19,445	0	0
23-May	Republic of Korea	1	1,561	0	0
23-May	Sweden	16	75,310	0	0
23-May	Germany	11	97,077	0	0
23-May	USA	3	91,525	0	0
23-May	Norway	1	2,312	0	0
23-May	China	1	1,466	0	0
23-May	France	0.072	3,506	0	0
23-May	Belgium	0.034	1,067	0	0
23-May	Switzerland	0.013	8,219	0	0
23-May	UK	0.007	815	0	0
23-May	Total	55	319,780	128,627	45,514,235

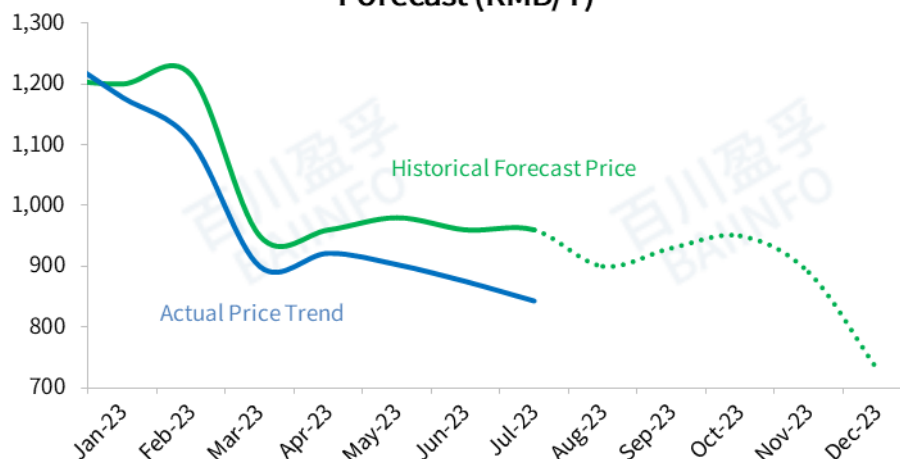
➤ Forecast

[Next Month: Jul.] Supply: In Jul., few soda plants plan to overhaul, thus the supply of liquid caustic soda may increase than that of Jun.

Demand: Due to the rising temperature in Jul., downstream plants may be suppressed to operate. Hence, the demand for liquid caustic soda is likely to be weakened.

Generally, caustic soda market is predicted to fall next month. In North China, some plants in Shandong will resume normal production at the beginning of Jul., which may drive up the supply of liquid caustic soda. Although downstream demand is ordinary, soda plants adjust the prices cautiously. Liquid caustic soda price may run around RMB 700-800/T. In Northwest China, soda plants in Inner Mongolia plan to shut down for maintenance, thus shipment pressure in some regions may be eased off. Liquid caustic soda price is expected to edge up by around RMB 20-30/T. In East China, liquid caustic soda price may be driven down by around RMB 20-40/T amid tepid downstream demand. In South and Southwest China, downstream demand is likely to be weakened due to the temperature rise. Therefore, soda plants may drag down the prices by around RMB 30-50/T to surrender profits.

Liquid Caustic Soda Average Market Price Forecast (RMB/T)



[Next 3 Months: Jul.-Sep.] Supply: In the following 3 months, most chlor-alkali plants plan to overhaul in Aug. and Sep. so that supply of liquid caustic soda will be reduced.

Demand: Some alumina plants in Shanxi may increase production in Q3, which may drive up the supply of alumina in that region. However, alumina plants in Henan are possible to curtail production due to policy. Meanwhile, some alumina plants still hold high cost pressure, thus they are likely to cut production later. Generally, alumina plants are predicted to reduce demand for liquid caustic soda in Q3. As for new energy market, with the continuous implementation of various policies in China, terminal NEVs market may see increasing sales volume, driving up the shipment of precursor. Hence, as the raw material of precursors, liquid caustic soda market is expected to be boosted.

Generally, liquid caustic soda market isn't supported by bullish factors, thus it may move downward by around RMB 30-50/T. In Aug.-Sep., chlor-alkali plants in all regions plan to start reconditioning equipment, but the demand for liquid caustic soda still remains lukewarm. Maintenance may relieve shipment pressure in some regions. Liquid caustic soda price may be raised by around RMB 20-40/T.

[Next 6 Months: Jul.-Dec.] Liquid caustic soda prices are predicted to fluctuate around RMB 900-960/T from Jul. to Sep., and to run down from RMB 950/T to RMB 730/T from Oct. to Dec.

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Magnesium Metal

➤ Market Review

In Jun., magnesium metal market price turned upward after hitting the bottom. As of Jun. 27, magnesium metal market price was around RMB 20,800-21,000/T, down RMB 1,000/T or 6.67% MoM. Downstream buyers performed inactively in purchasing goods, and they lowered the prices constantly. However, magnesium plants were reluctant to deliver goods at low prices. Some plants didn't worry to ship goods so that they suspended production. Thus, the overall trading volume was limited. Magnesium price plunged, approaching cost line. In mid-to-late Jun., while mainstream magnesium price was closed to RMB 20,000/T, it rebounded based on the bullish factors from restocking activities and increasing coal price. Nevertheless, magnesium price still ran down amid sluggish demand. Production and downstream demand needed further attention.

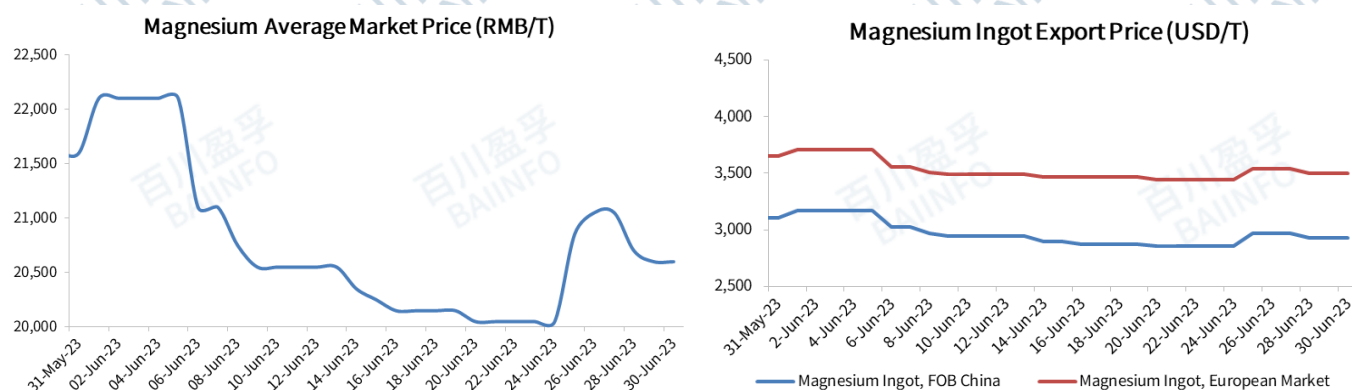
As of Jun. 27, 2023, guiding price (VAT included, cash payment) of 99.90% magnesium ingot was RMB 20,800-21,000/T in Shaanxi and Ningxia; was RMB 20,900-21,100 in Shanxi, and was RMB 20,700-20,800/T in Xinjiang.

As for export market, homemade magnesium ingot price was USD 2,900-2,950/T in Tianjin, VAT included, cash payment, FOB. This month, demand from overseas market was still lukewarm, and buyers mainly purchased goods cautiously on rigid demand.

Supply of magnesium ingot was ample. The overall demand side still stayed lackluster. This month, some magnesium bar plants started reducing production, without any plant increasing production. Demand for magnesium alloy and magnesium powder was released moderately. Downstream titanium sponge plants purchased magnesium ingot limitedly.

As for the inventory, magnesium metal plants held decreasing inventories. Partial major magnesium metal plants tapped their inventories and surrendered profits. Downstream plants purchased raw materials on demand.

➤ Price Summary



➤ Imp. & Exp. Data

Magnesium Metal Total Imp. & Exp.

Month	Imp. Qty. (T)	Imp. Val. (USD)	Exp. Qty. (T)	Exp. Val. (USD)
Jan.	0.009	4,900	19,239	77,328,455
Feb.	0.006	3,185	14,365	56,541,915
Mar.	5.022	25,253	20,136	83,439,867
Apr.	24.005	78,182	13,104	42,134,235
May	0.011	4,312	16,509	53,583,224
Total	29	115,832	83,353	313,027,696

Magnesium Metal Imports & Exports by Countries/Regions

Month	Countries/Regions	Imp. Qty (T)	Imp. Val. (USD)	Exp. Qty (T)	Exp. Val. (USD)
23-May	Republic of Korea	0.011	4,312	978	3,077,538
23-May	Netherlands	0	0	5,668	18,190,185
23-May	Canada	0	0	1,594	5,487,764
23-May	India	0	0	1,534	4,960,257
23-May	Japan	0	0	1,121	3,744,680

23-May	Malaysia	0	0	601	2,268,111
23-May	Thailand	0	0	441	728,770
23-May	Russia	0	0	390	1,206,009
23-May	Bahrain	0	0	373	951,695
23-May	Germany	0	0	370	1,263,195
23-May	UAE	0	0	315	1,040,800
23-May	Greece	0	0	300	987,500
23-May	Taiwan, China	0	0	288	1,029,753
23-May	Norway	0	0	276	982,611
23-May	UK	0	0	250	896,750
23-May	Turkey	0	0	248	911,465
23-May	Qatar	0	0	169	530,156
23-May	Spain	0	0	165	568,785
23-May	Slovenia	0	0	152	496,225
23-May	Romania	0	0	150	495,000
23-May	Argentina	0	0	125	430,250
23-May	Vietnam	0	0	124	364,498
23-May	Mexico	0	0	120	402,524
23-May	Croatia	0	0	110	395,405
23-May	Brazil	0	0	100	340,115
23-May	South Africa	0	0	100	330,900
23-May	Belgium	0	0	75	240,000
23-May	New Zealand	0	0	66	234,340
23-May	Saudi Arabia	0	0	60	182,100
23-May	Columbia	0	0	54	175,365
23-May	USA	0	0	40	141,671
23-May	Albania	0	0	27	97,940
23-May	Paraguay	0	0	25	100,807
23-May	France	0	0	25	74,750
23-May	Cameroon	0	0	23	90,516
23-May	Indonesia	0	0	21	38,148
23-May	Morocco	0	0	16	71,321
23-May	Bangladesh	0	0	15	43,500
23-May	Sri Lanka	0	0	3	10,625
23-May	Nigeria	0	0	2	1,200
23-May	Total	0.011	4,312	16,509	53,583,224

➤ Forecast

Raw material: Ferrosilicon market stays calm, and short-term market price may inch down.

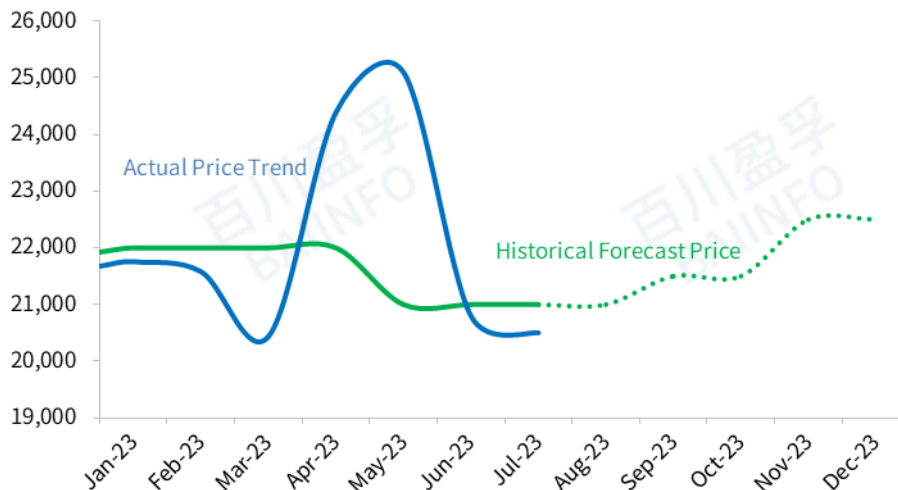
Supply: Partial magnesium plants stop production, but the supply-demand pattern doesn't show supporting factors to the market. Downstream demand is slack, but supply is sufficient. Thus, supply succeeds demand, which may not be solved in the short term.

Demand: Export volume of magnesium ingot drops consecutively, and overseas demand will be reduced continually.

Downstream aluminum plants and magnesium alloy plants show weak demand. Demand side will extend weakness next month.

Generally, magnesium metal plants firm the prices. Supply of magnesium ingot is adequate, but downstream demand still stays lukewarm. Short-term magnesium price is predicted to decline. In Jul., mainstream price of 99.90% magnesium ingot in Fugu is expected to run around RMB 20,500-21,000/T, VAT included.

Magnesium Average Price Forecast (RMB/T)



[Next 3 Months: Jul.-Sep.] Supply: In Q3 of 2023, supply will continue to exceed demand. Domestic magnesium metal plants are likely to curtail production later under pressure. In addition, those magnesium metal plants who switch their furnaces to semi-coke production consume the inventories of magnesium metal consecutively. Thus, with undetermined restarting time, supply may be shrunk next quarter.

Magnesium metal price may be hard to rise or may keep flat amid sufficient supply, sluggish feedstock prices and lackluster demand. Moreover, oversupply is not going to be solved in the short run. Market players need to focus on feedstock prices, downstream markets and production condition of magnesium metal plants. It is predicted that mainstream magnesium metal price will run around RMB 20,000-21,000/T in Jul. and around RMB 20,000-21,500/T in Q3.

[Next 6 Months: Jul.-Dec.] Magnesium metal prices are predicted to see uptrends from RMB 21,000/T to RMB 21,500/T from Jul. to Sep., and to rise from RMB 21,500 to RMB 22,500/T from Oct. to Dec.

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Silicon Metal

➤ Market Review

In Jun., silicon metal market price slid, with average reference price of domestic market at RMB 13,676/T, down RMB 1,314/T or 8.77% MoM. As of Jun. 27, market reference price was RMB 13,483/T, down RMB 455/T or 3.26% over that of the beginning of Jun.

Magnesium metal price may be hard to rise or may keep flat amid sufficient supply, sluggish feedstock prices and lackluster demand. Moreover, oversupply is not going to be solved in the short run. Market players need to focus on feedstock prices, downstream markets and production condition of magnesium metal plants. It is predicted that mainstream magnesium

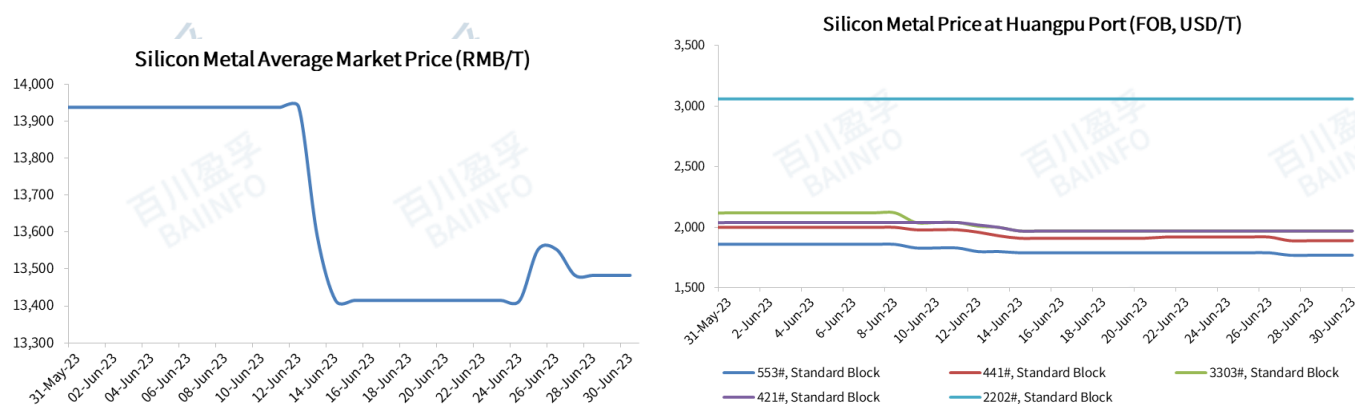
metal price will run around RMB 20,000-21,000/T in Jul. and around RMB 20,000-21,500/T in Q3.

This month, silicon metal plants in Southwest China gradually resumed production, but some of them had to postpone restarting plan due to increasing cost pressure. Demand from terminal markets, including organic silicon and aluminum alloy, for silicon metal was weakened constantly. Market players took wait-and-see attitudes.

553# (oxygen-free) market price dropped constantly, even lower than cost line. Major silicon metal plants pulled down their offers sharply in the middle of Jun. by taking own cost advantages. However, silicon metal plants in Southwest China had to firm the prices or stopped offering. In Northwest China, supply was driven down. In Sichuan, although power prices were cut, silicon metal plants still operated inactively due to the lukewarm trading atmosphere. 553# (oxygen-free) market price is predicted to consolidate weakly.

441# market price was pushed up slightly after several big drops. At the end of the month, downstream aluminum bar enterprises were forced to cut production, further weakening the demand for silicon metal. Although some market players thought that downstream market had showed recovering signal, the positive influence on silicon metal market was actually limited. That meant downstream market actually didn't improve the consumption of silicon metal market. Approaching the end of the month, metallurgical grade silicon metal price declined again. Market price of 441# may extend weakness in Jul.

➤ Price Summary



➤ Imp. & Exp. Data

Silicon Metal Total Imp. & Exp.

Month	Imp. Qty. (T)	Imp. Val. (USD)	Exp. Qty. (T)	Exp. Val. (USD)
Jan.	250	632,819	51,648	171,894,983
Feb.	193	499,410	47,532	148,712,425
Mar.	294	974,633	47,978	147,997,021
Apr.	268	686,962	44,484	121,944,411
May	223	653,305	48,885	114,779,787
Total	1,228	3,447,129	240,527	705,328,627

Silicon Metal Imports by Countries/Regions (Unit: T)

Month	Countries/Regions	Qty
May-23	Thailand	120

May-23	China	50
May-23	Japan	46
May-23	Norway	6

Silicon Metal Exports by Countries/Regions

Month	Countries/Regions	Exp. Qty (T)	Exp. Val. (USD)
23-May	Japan	9,219	24,992,026
23-May	India	7,759	18,084,344
23-May	Republic of Korea	6,314	13,853,462
23-May	Netherlands	3,350	8,038,030
23-May	UAE	3,286	6,787,365
23-May	Bahrain	2,768	6,582,724
23-May	Mexico	2,266	5,054,506
23-May	Malaysia	2,232	4,870,987
23-May	Turkey	1,673	3,887,460
23-May	Indonesia	1,606	3,555,251
23-May	Qatar	1,536	3,749,040
23-May	Thailand	1,129	2,506,461
23-May	Spain	1,030	2,206,967
23-May	Taiwan, China	850	1,982,622
23-May	Vietnam	827	1,840,885
23-May	Brazil	753	1,591,310
23-May	Italy	700	1,446,172
23-May	Nigeria	350	793,500
23-May	Russia	246	634,585
23-May	Others	990	2,322,090
23-May	Total	48,885	114,779,787

➤ Forecast

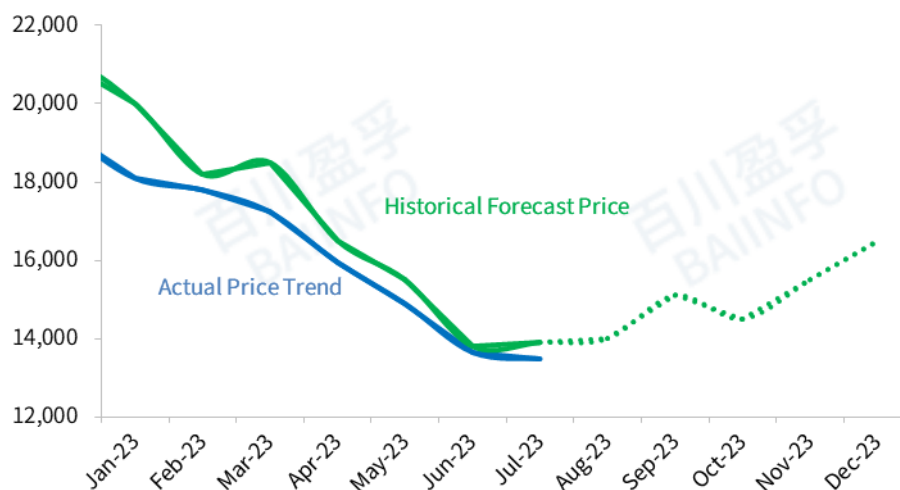
[Next Month: Jul.] Supply: The overall operation rate is lower than that of previous year. In Southwest China, silicon metal plants resume production slowly, while some postpone restarting activities. Supply is predicted to move up in Jul. In Northwest China, major plants hold decreasing operation rates, and medium and small-sized enterprises have great production pressure. Later, some plants may continue to shut down for maintenance.

Upstream Related Products: Prices of raw materials, silicon coal and electrode, ramp down, lacking support to silicon metal market.

Demand: Some downstream aluminum alloy enterprises have reduced production. Coming into the regular slack season, the demand for silicon metal in Jul. will see a decrease. Short-term silicon metal market price is expected to remain flat, with the market in a stalemate.

In the following month, prices of 553# (oxygen-free), 553# (oxygen) and 441# may oscillate by around RMB 200-300/T; while of 421# and 3303# may decrease by around RMB 200-400/T. 2202# price is predicted to hold stability.

Silicon Metal Price Forecast (RMB/T)



[Next 3 Months: Jul.-Sep.] Supply: Entering into the wet period, silicon metal market sees upward operation rate. Although production condition is worse than expectation, supply side is still driven up. In Northwest China, major plants reduce production, thus the overall operation rate moves down. Silicon metal supply is lower than previous years, which may support silicon metal price. The price difference between the north and the south will be much greater.

Upstream Related Products: Partial GPC refineries resume production consecutively. GPC inventory at ports stays high, and GPC import cost decreases constantly. Short-term GPC market supply is still sufficient. Short-term carbon electrode price remains flat. Coal market doesn't recover. Generally, cost side cannot support silicon metal price to ramp up.

Demand: With the scorching weather coming around, aluminum alloy market enters into off-season. Hence, aluminum alloy producers purchase silicon metal on rigid demand.

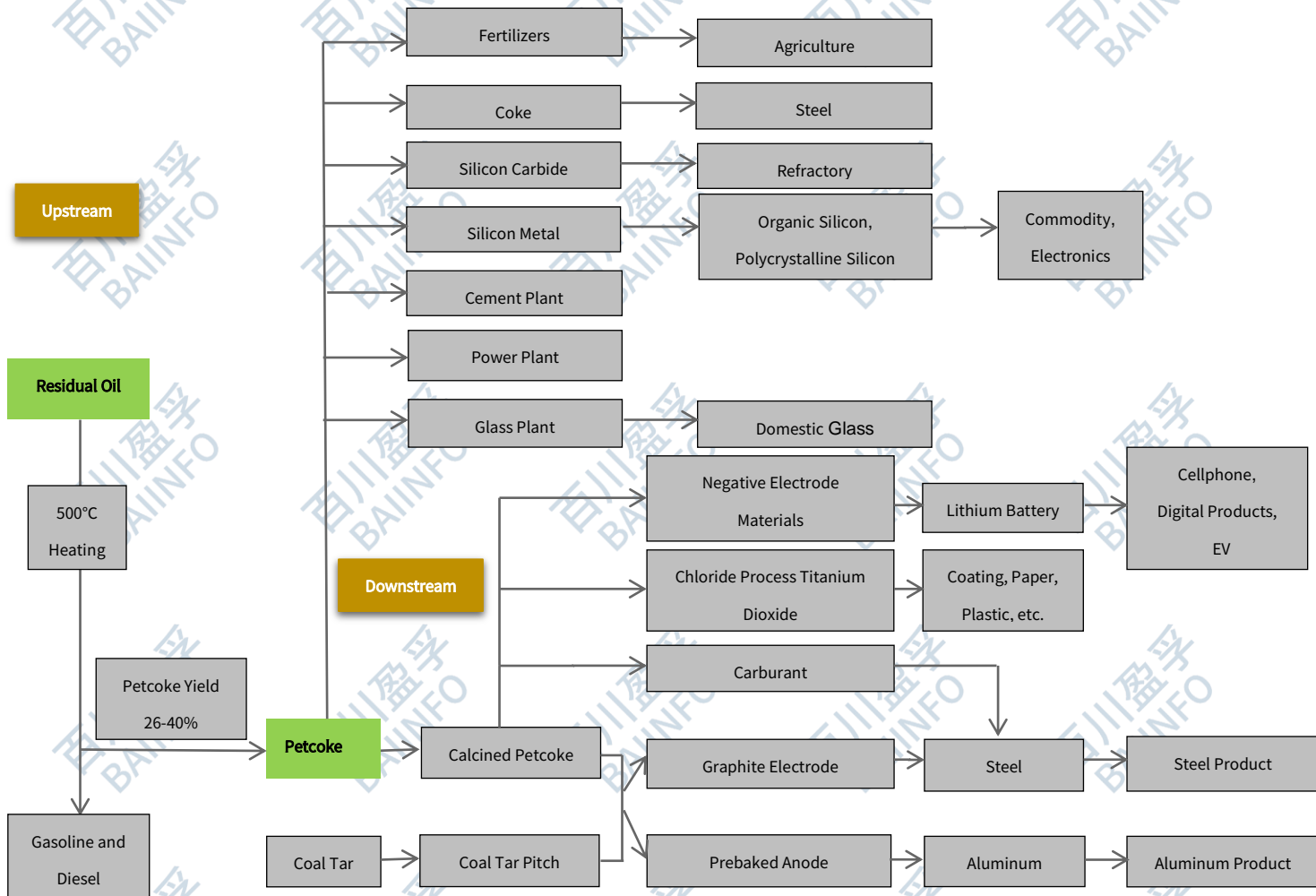
Generally, the top priority is the relation between supply and demand. As supply side is reduced constantly and downstream players gradually consume raw materials, the gap between supply and demand may be narrowed. In Q3, silicon metal market is expected to be more hectic than Q2, with silicon metal price running up by around RMB 500-1,000/T.

[Next 6 Months: Jul.-Dec.] Silicon metal prices are predicted to be raised from RMB 13,900/T to RMB 15,100/T from Jul. to Sep., and to run up from RMB 14,500-16,500/T from Oct. to Dec.

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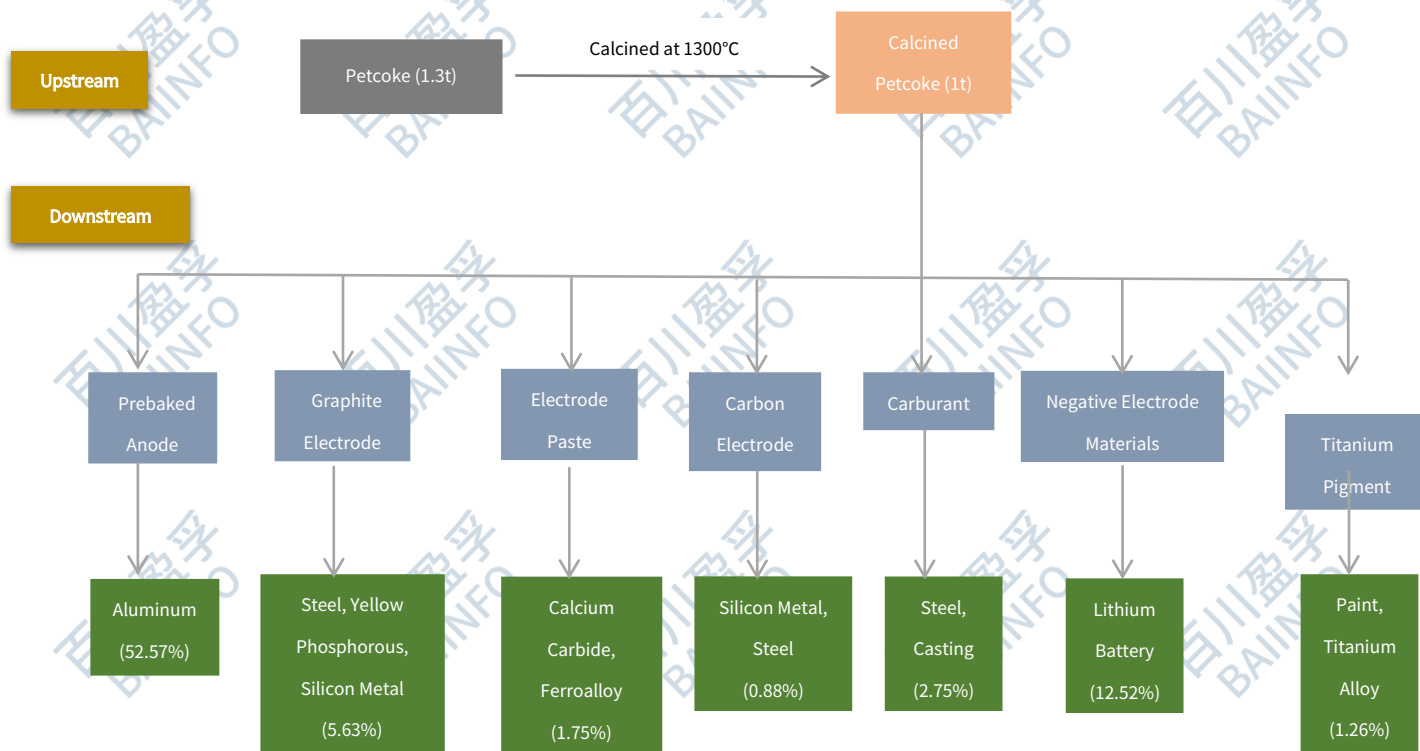
Industry Chain Chart

➤ Green Petroleum Coke (GPC)

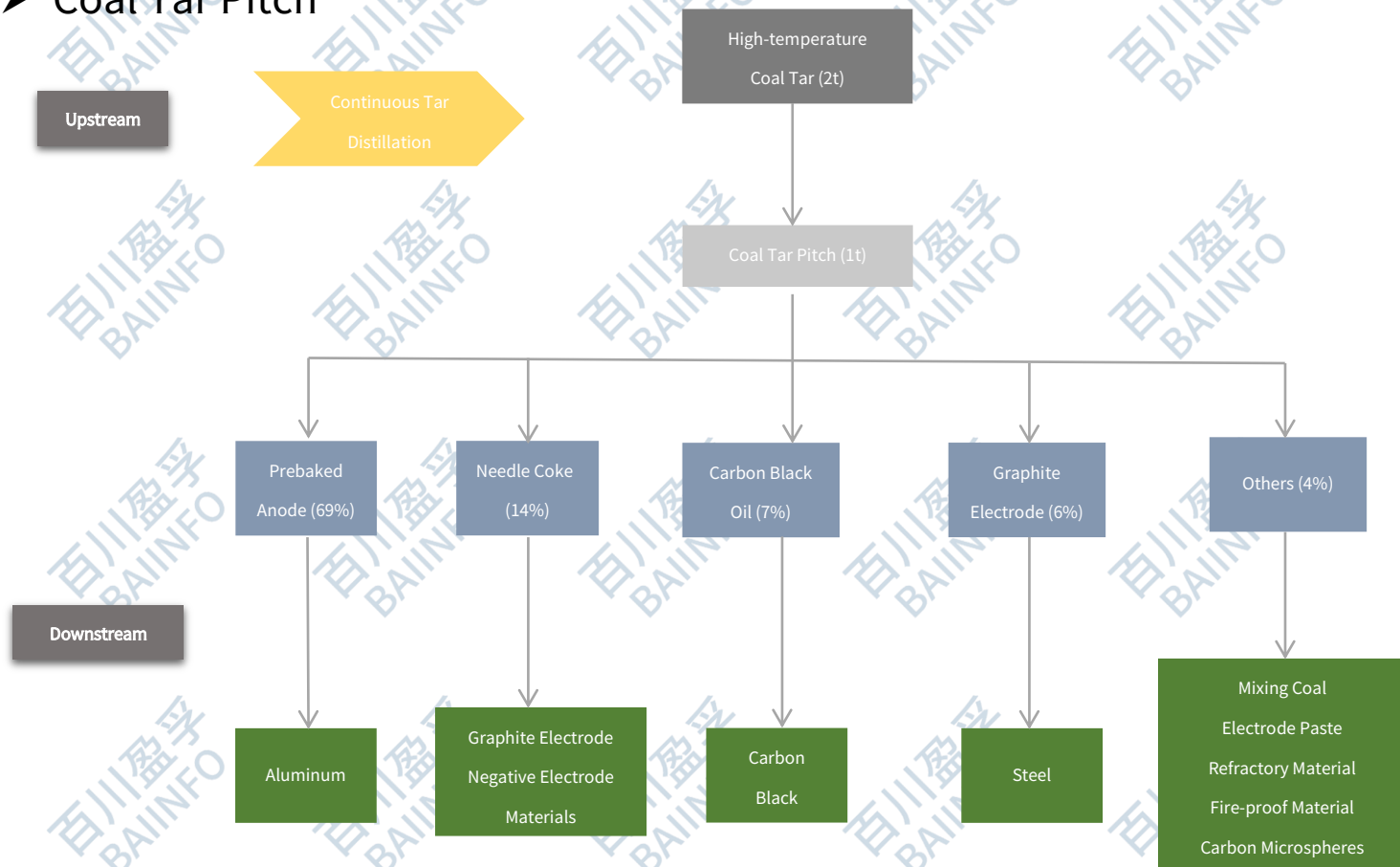


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➤ Calcined Petroleum Coke (CPC)

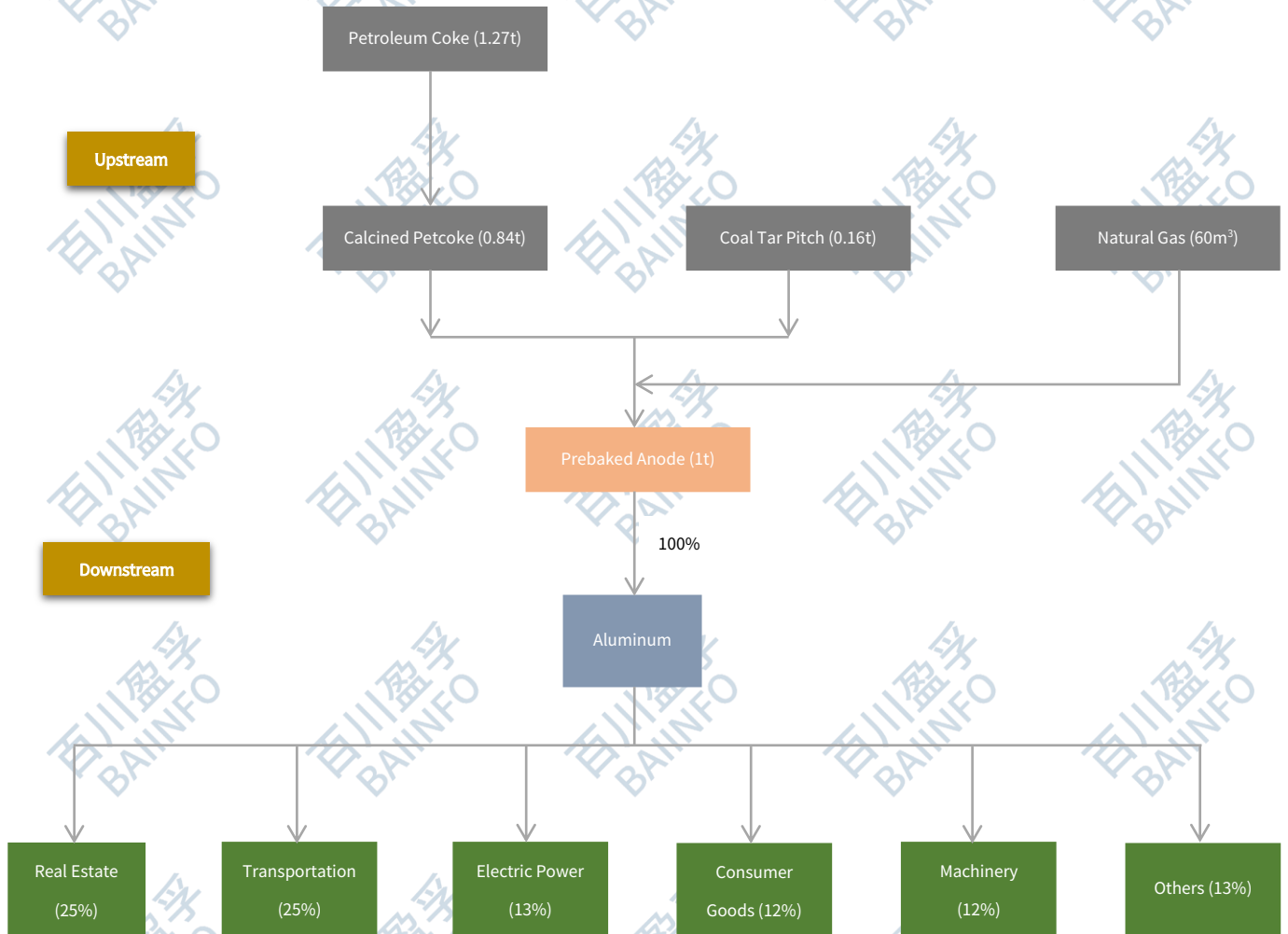


➤ Coal Tar Pitch



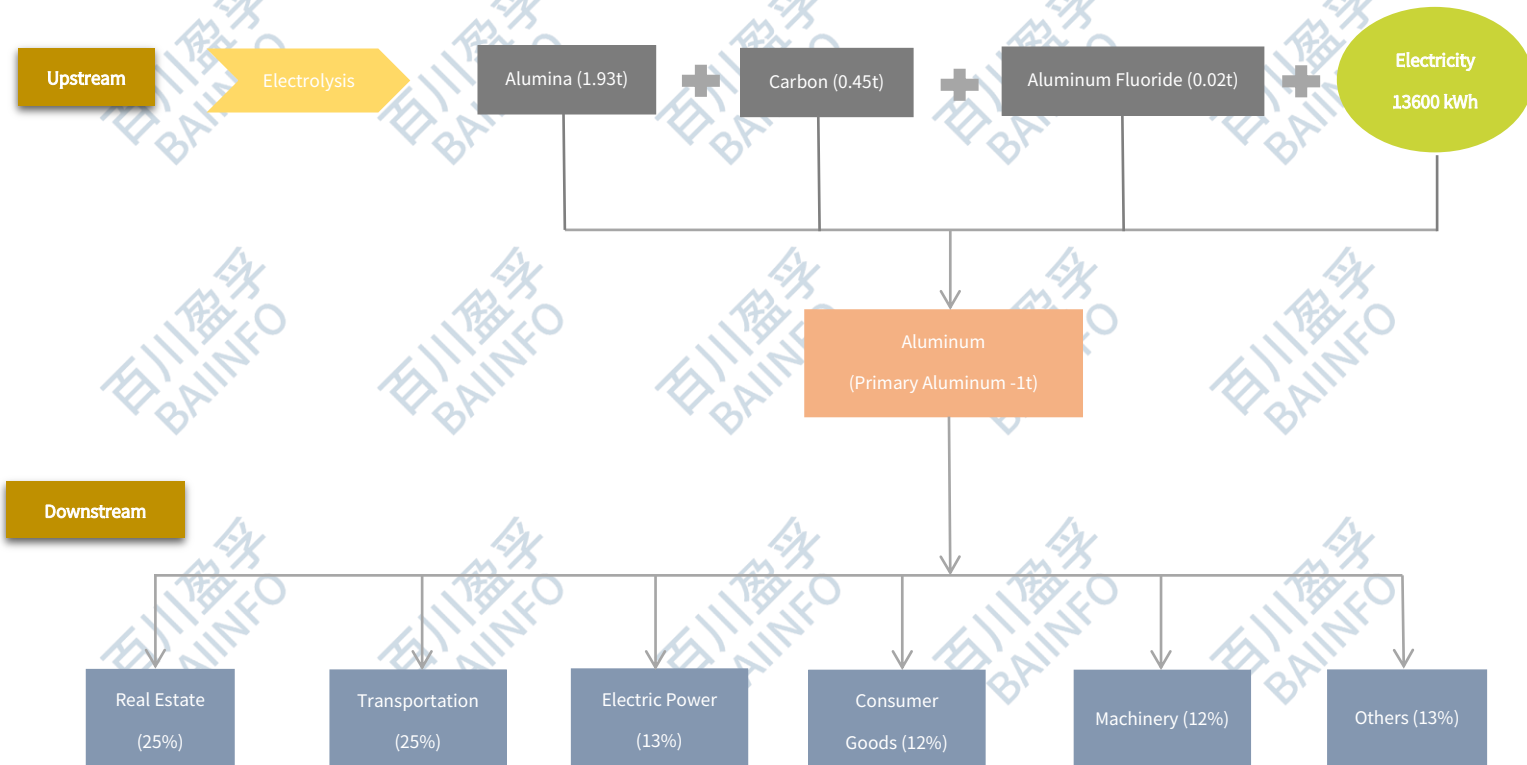
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➤ Prebaked Anode



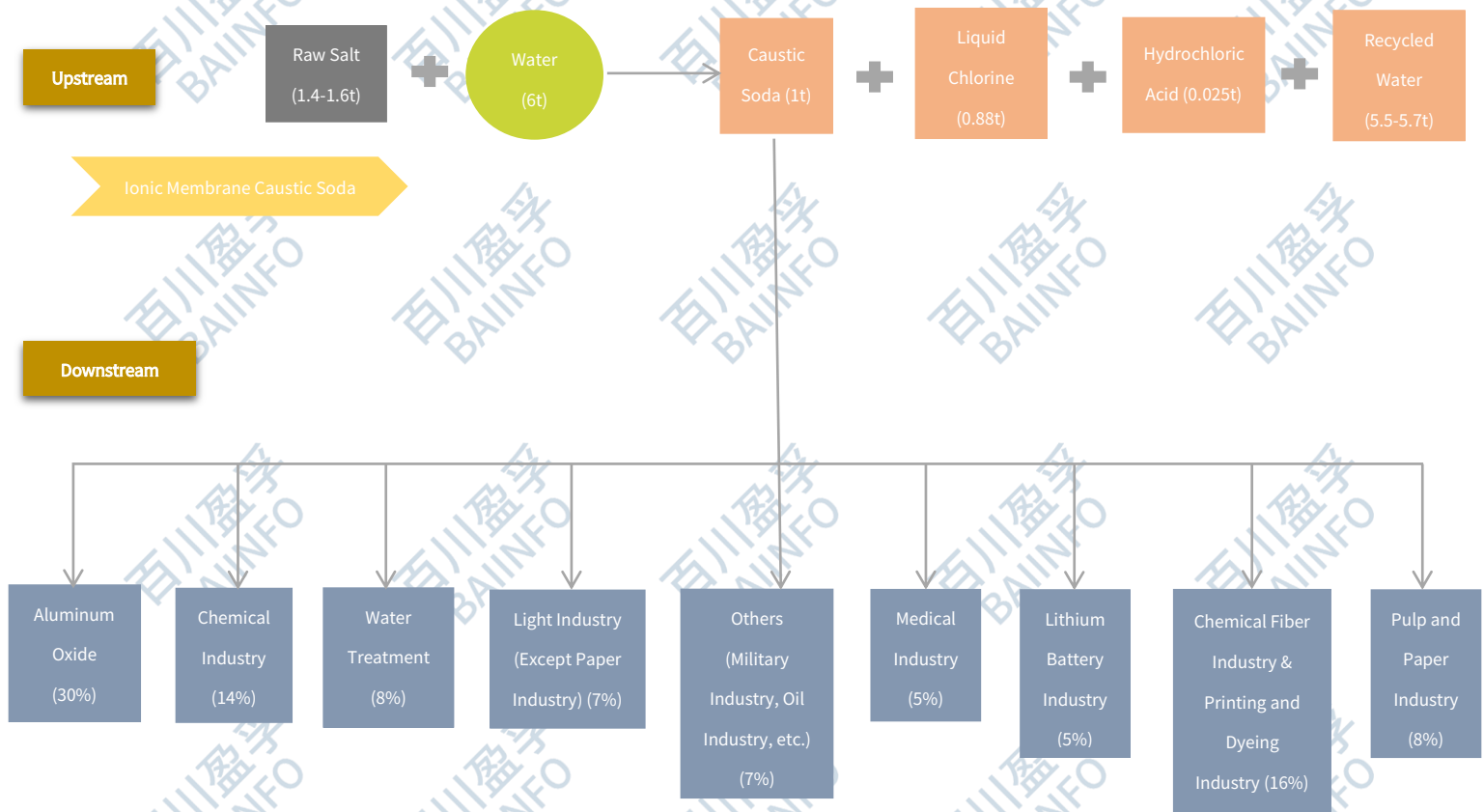
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➤ Aluminum Fluoride



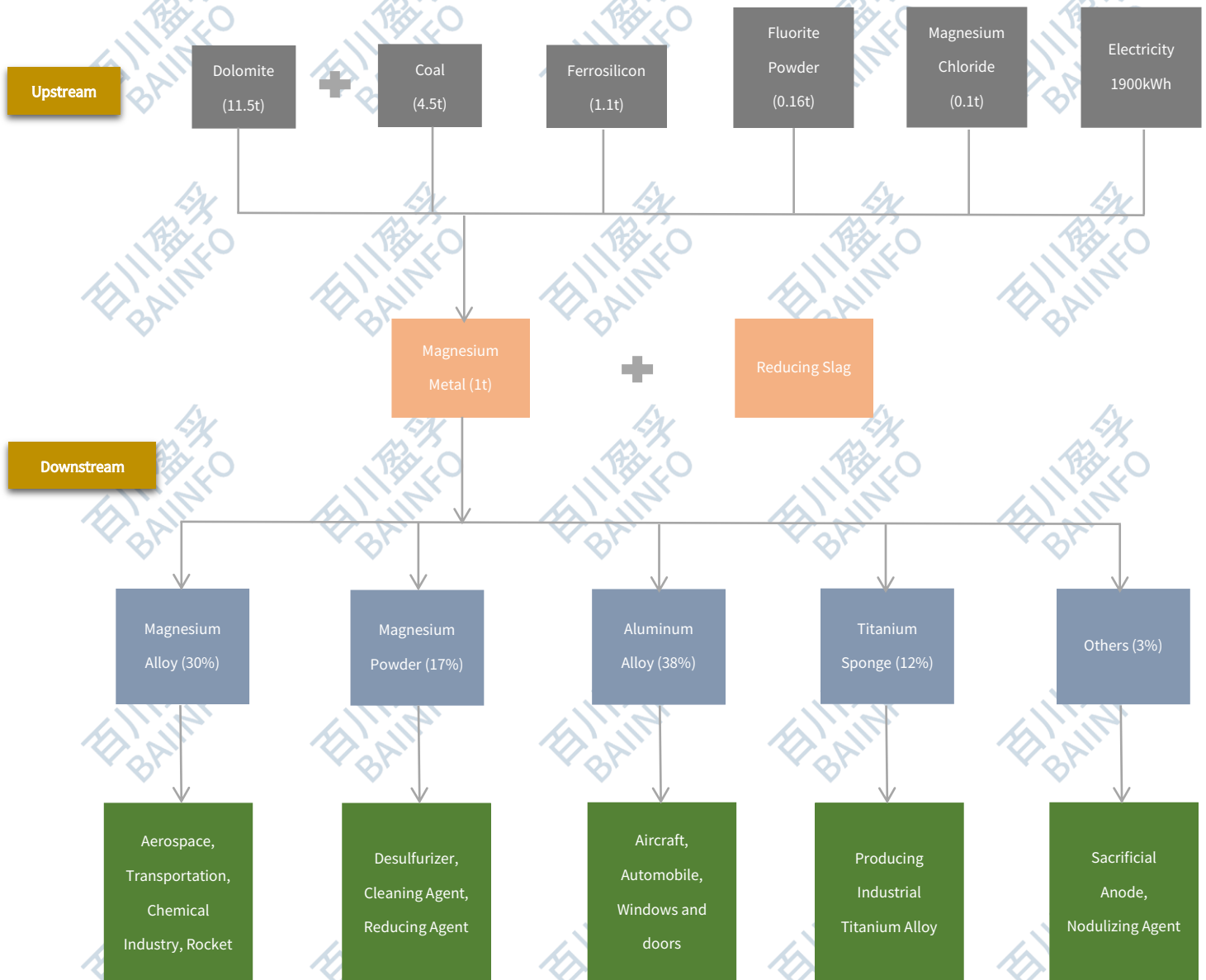
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➤ Liquid Caustic Soda



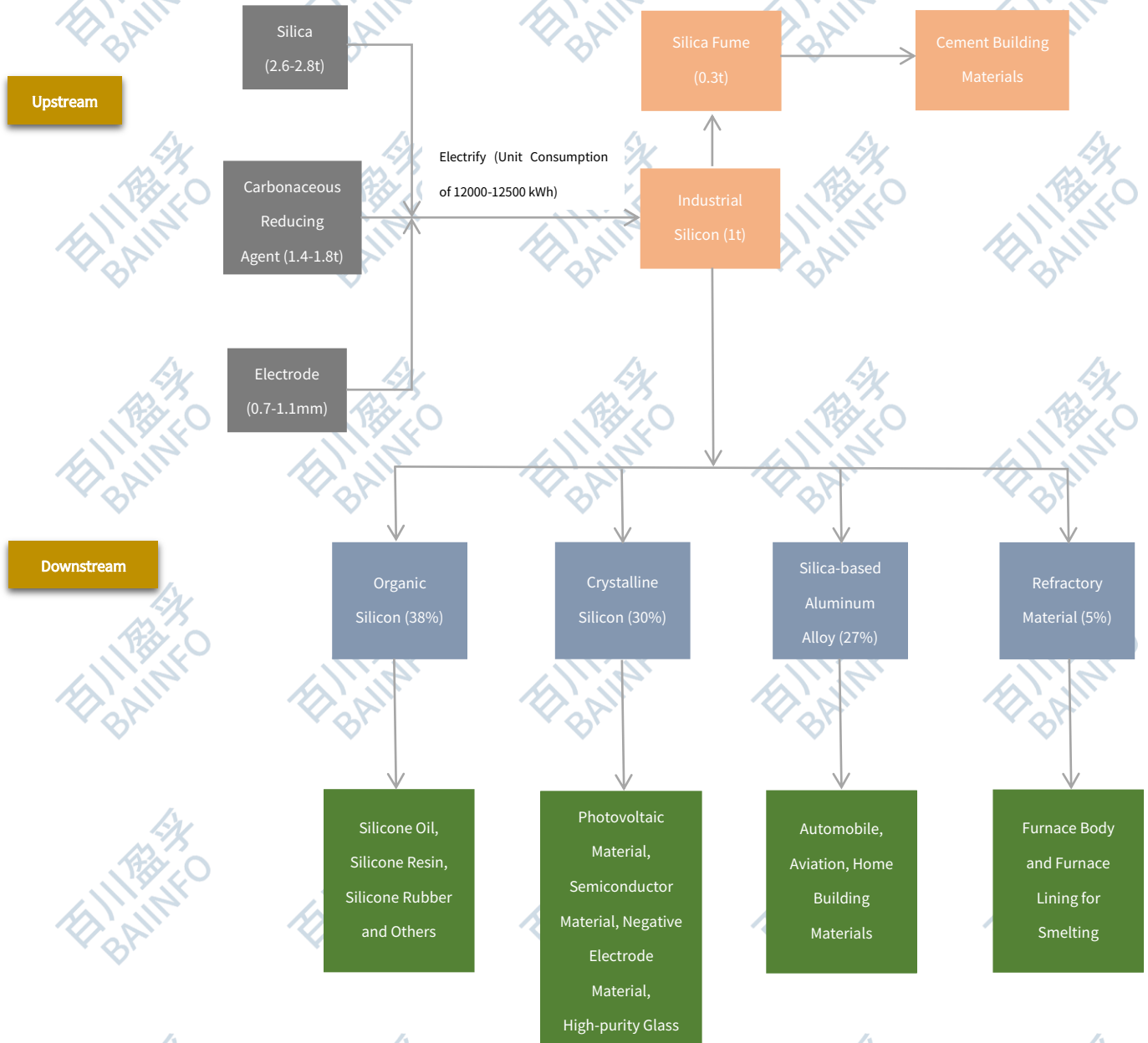
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➤ Magnesium Metal



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➤ Silicon Metal



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