

# pref ace

Build Inner Mongolia into an important ecological security barrier in northern China, a security and stability barrier in northern Xinjiang, a national important energy and strategic resource base, and agricultural and livestock products

The production base is an important bridgehead for China's opening up to the north.

A new path of high-quality development guided by priority and green development.

Currently, the Inner Mongolia Autonomous Region is working together to attract investment and make every effort to expand its economic output and improve the quality of development, with a focus on promoting investment

Build eight major industrial clusters including new energy, new materials, and green agricultural and livestock product processing, and build wind power equipment, photovoltaic equipment, hydrogen energy, energy storage, new energy vehicles, and current

16 key industrial chains, including coal chemical industry, rare earth, non-ferrous metals, biopharmaceuticals, dairy industry, meat sheep, beef cattle, potatoes, cashmere, corn, and grass industry, actively

Introduce more outstanding enterprises to settle down and implement high-quality projects.

In the new era, Inner Mongolia has enormous development potential and broad economic prospects, which will provide better services and bring greater business opportunities for enterprise development. Sincerely invite enterprises from all over the world

Come to Inner Mongolia to negotiate cooperation, invest and prosper, and work together with us to create a more beautiful scenery in the northern part of our motherland!

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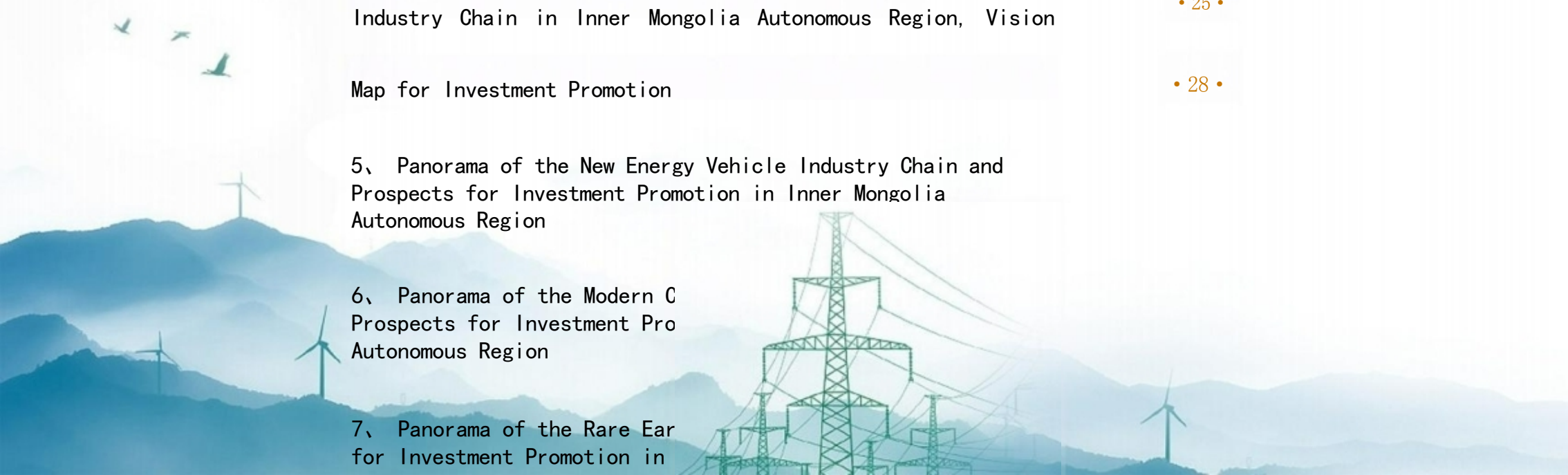
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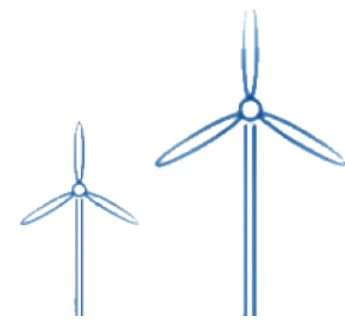
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# Panorama of the Wind Power Industry Chain in Inner Mongolia Autonomous Region

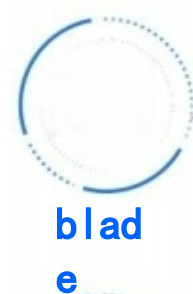






# Gap map of the entire wind power industry chain in Inner Mongolia Autonomous Region

Equipment	Production capacity (including proposed)	Distribution League City	Landing enterprise	Gap (set)
converter		nothing	nothing	6000
Hub	0	nothing	nothing	6000
Spindle bearing	0	nothing	prospect	4500
Gearbox	1 unit with a production capacity of 1500	Baotou	Nangaochi, Yuanjing	4100
Reducer		Baotou	Chongqing gearbox and Delijia transmission	4000
nacelle	4 units, with a production capacity of 1900	Bayannur, Ordos, Xilinhot, Ulanqab	Changzhuo Technology, Suyi Technology, Maisheng Technology	900
Spindle alternator	2 units, with a production capacity of 2000	Baotou, Tongliao, Ordos	old but strong	5700
resin		Tongliao	CRRC, Baosteel, Dongfang Electric	5900
carbon fibre	5 units with a production capacity of 5100	Baotou	Harbin Electric Wind Energy, Longma	6000
glass fibre		Tongliao, Ulanqab	Le Orange	4700
Anchor bolt	1 unit with a production capacity of 140000	Baotou, Xilinhot	Harbin Electric Wind Energy, Tianshun	1800
Structural	2 units with	Baotou, Ordos	Jinhai, Jian An Cheng	0
	5 units with a production capacity of 4600	Baotou, Tongliao	Jinhai, Jian An Cheng	4000
		Baotou, Tongliao	CRRC, Longma	



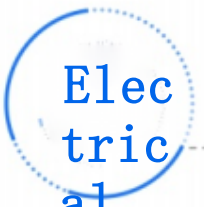
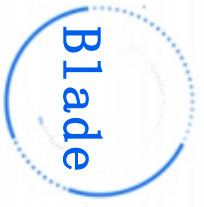
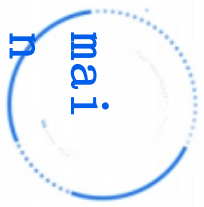
Note: (Considering a market share of over 70%, the average annual equipment demand for wind power is 6000 sets)

Panorama of the Wind Power Industry Chain in Inner Mongolia Autonomous Region  
Prospects for Investment Promotion



# Prospectus for Investment Promotion in the Wind Power Industry Chain of Inner Mongolia Autonomous Region

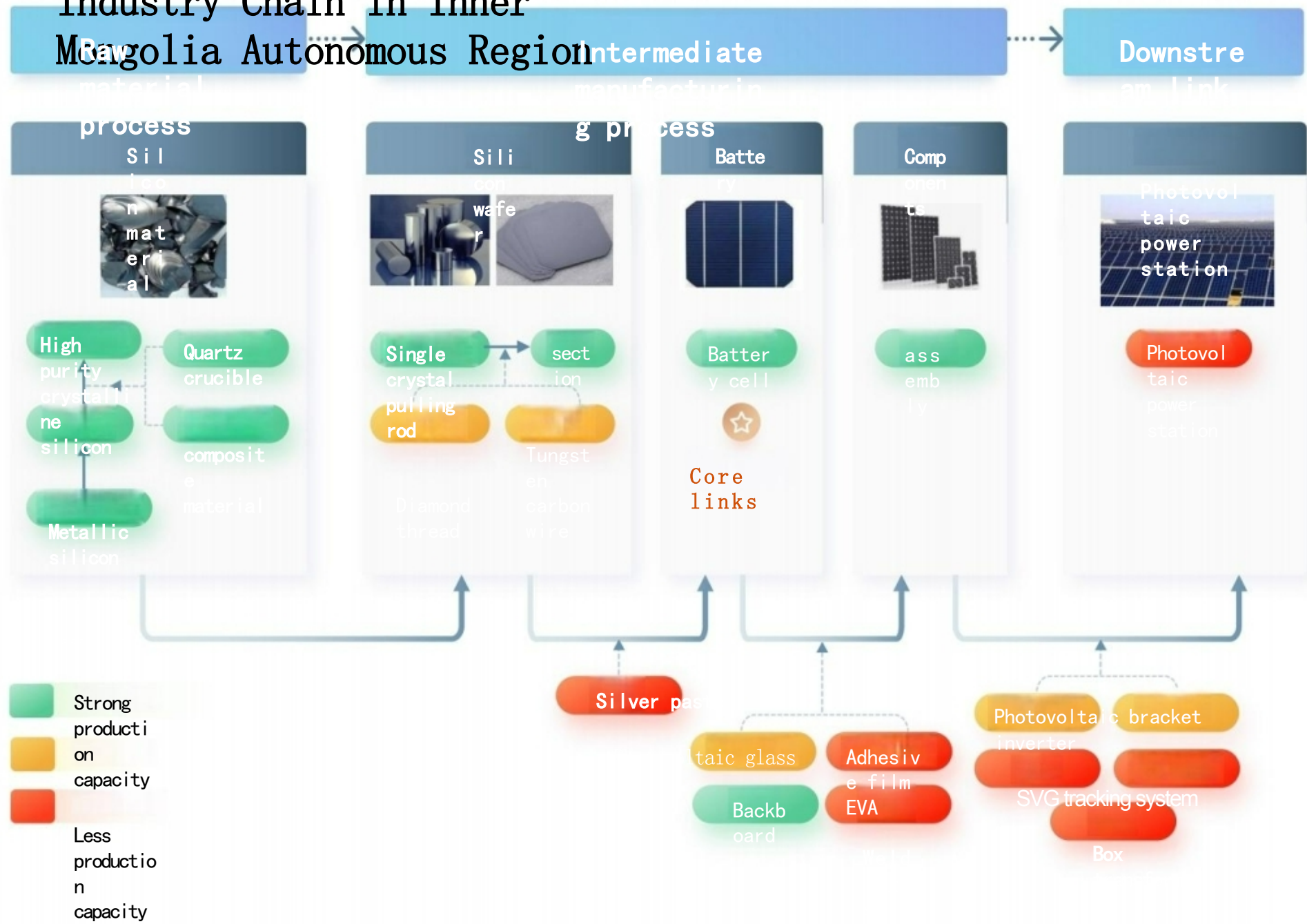
engineering



equipment	Landing enterprise	Key investment points
converter	Wuhewang Electric and Sunshine Power Supply	
Hub	Wujixin Technology, Dalian Heavy Industry	
Spindle bearing	Yuanjing Xinqianlian, Luozhi, Wazhi, Wuzhou Xinchun, and Lixing Co., Ltd	
Gearbox	Nangao Gear, CRRC, Yuanyuan, Nanhang Nangao Gear, Chongqing Gear, Hangzhou Gear	
Reducer	Chongqing gearbox and Delijia transmission	Yuanyuan Energy, Nanjing High Precision Transmission, Heavy Gear
nacelle	Changzhuo Technology, Maisheng Technology, Chuangyi New Materials, and Huashang Technology expand production capacity	
principal axis	Longma	Jinlei Group, Tongyu Heavy Industry, and Jixin Technology
alternator	Yunda, CRRC, Haizhuang, Dongfang Electric, Vestas, and Mingyang expand their production capacity	
	Harbin Electric Wind Energy, Tianshun Zhongcai Technology, Guangwei Composite, Jilin Chemical Fiber	
carbon fibre	Huashang Technology, Lecheng Zhongcai Technology, Guangwei Composite Materials, Jilin Chemical Fiber	
glass fibre	Harbin Electric Wind Energy, Tianshun Zhongcai Technology, Guangwei Composite, Jilin Chemical Fiber	
Anchor bolt	Jinhai, Jian An Cheng Jinhai New Energy, Jian An Cheng New Energy	
	CRRC, Longma Zhenjiang Co., Ltd., Shandong Shuangyi, Jiangsu Aikang	
component		
flange	Juneng, Jinhai, Longma	



# Panorama of the Photovoltaic Industry Chain in Inner Mongolia Autonomous Region





# Gap Map of Photovoltaic Industry Chain

raw material

equipment	Production capacity (including proposed)	Distribution League City	Landing enterprise	Gap
Industrial silicon	7 units with a production capacity of 870000 tons	Baotou, Ordos, Bayannur	Hongyuan New Materials, Dongfang Risheng, Tianchi New Materials 0	
High purity polycrystalline silicon	20 units with a production capacity of 340 million kilowatts of 1.71 million tons	Hohhot, Baotou, Ordos	Zhonghuan Photovoltaics, Baotou Shuangliang, Baotou Hongyuan, Huayao Optoelectronics, Changlong Zheke, Baotou Jingao	0
Thin film silicon	6, with a production capacity of 440000 units	Hohhot, Baotou	Oujing Technology, Zhete New Materials, and Xinjing New Materials	
composite material	8 units, with a production capacity of 4600 tons in Hohhot and Baotou	Hohhot, Baotou	Bote New Materials, Crystal Source New Materials Hunan Lecheng, Zhongjing Technology, Baotou Kangcarbon	0



# Gap Map of Photovoltaic Industry Chain

Intermediate manufacturing

equipment	Production capacity (including proposed)	Distribution League City	Landing enterprise	Gap
silicon wafer	14 units with a production capacity of 215 million kilowatts	Hohhot, Baotou, Ordos	Zhonghuan Photovoltaic, Baotou Shuangliang, Baotou Hongyuan, Huayao Optoelectronics, Longji Green Energy	0 1300 tons
Silver paste	nothing	nothing	nothing	0
Battery cell	6 units with a production capacity of 69 million kilowatts	Hohhot, Baotou, Ordos	Zhongchengyu Energy, Dongjing Photovoltaics, Longji Green Energy	30000 tons
Welding strip	nothing	Baotou Ordos	nothing	284 million square meters
Photovoltaic glass	2, with a production capacity of 216 million square meters	nothing	Baotou Xingyuan, Dongxu Group, Henan Ancai	500 million square meters
EVA	nothing	nothing	nothing	0
Backboard	nothing	nothing	Yujing Technology	0
sealant	1 unit, with a production capacity of 600000 tons	Hohhot, Baotou, Ordos	nothing	65000 tons
			nothing	320000 tons

Panorama of the Photovoltaic Industry Chain in Inner Mongolia Autonomous Region for Investment Promotion





# Gap Map of the Photovoltaic Industry Chain in Inner Mongolia Autonomous Region



equipment	Production capacity (including proposed)	Distribution	Landing enterprise	Gap
support		League City	Standard New Materials, Micro Science New Materials, and Zhongxie New Energy	1.4 million tons
tracking system	3 units with a production capacity of 360000 tons	Baotou, Ordos		
inverter		nothing	nothing	50 million kilowatts
Combiner box	nothing	Xilinhot, Ordos	TBEA, Zhunyang Power Supply	32 million kilowatts
Box transformer and opening	3 units with a production capacity of 18 million kilowatts	nothing	nothing	1 million
Close the cabinet		nothing	nothing	50000
			nothing	
	nothing	nothing		13000Mvar
	nothing			



# Prospectus for Investment Promotion in the Photovoltaic Industry Chain of Inner Mongolia Autonomous Region

Key investment points for equipment landing enterprises

Silicon wafer Zhonghuan Photovoltaic, Baotou Shuangliang, Baotou Hongyuan, Huayao Optoelectronics, Longji Green Energy

Yinjiang Wudike Co., Ltd. and Suzhou Qizhen Technology Co., Ltd.

Chengyu Energy, Daxin Photovoltaic and Longji Green Energy

Welding strip Wuyuhang New Materials, Tengxiang Technology, Tongling Electric Appliances

Photovoltaic glass, jade crystal glass, Fulite, Xinyi Solar, and China Building Materials

**Intermediate EVA without Foster or Saiwu technology manufacture**

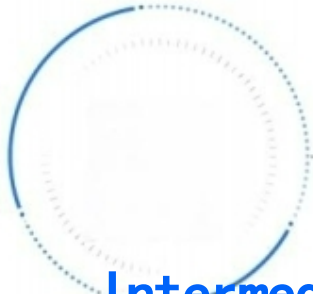
Backboard Jade Crystal Technology

Sealant without Longhua New Materials, Feirongda, Chenguang New Materials

Border Wuxin Platinum Co., Ltd. and Yongzhen Technology

Zhonghuan Photovoltaic and Trina Solar I

Junction box

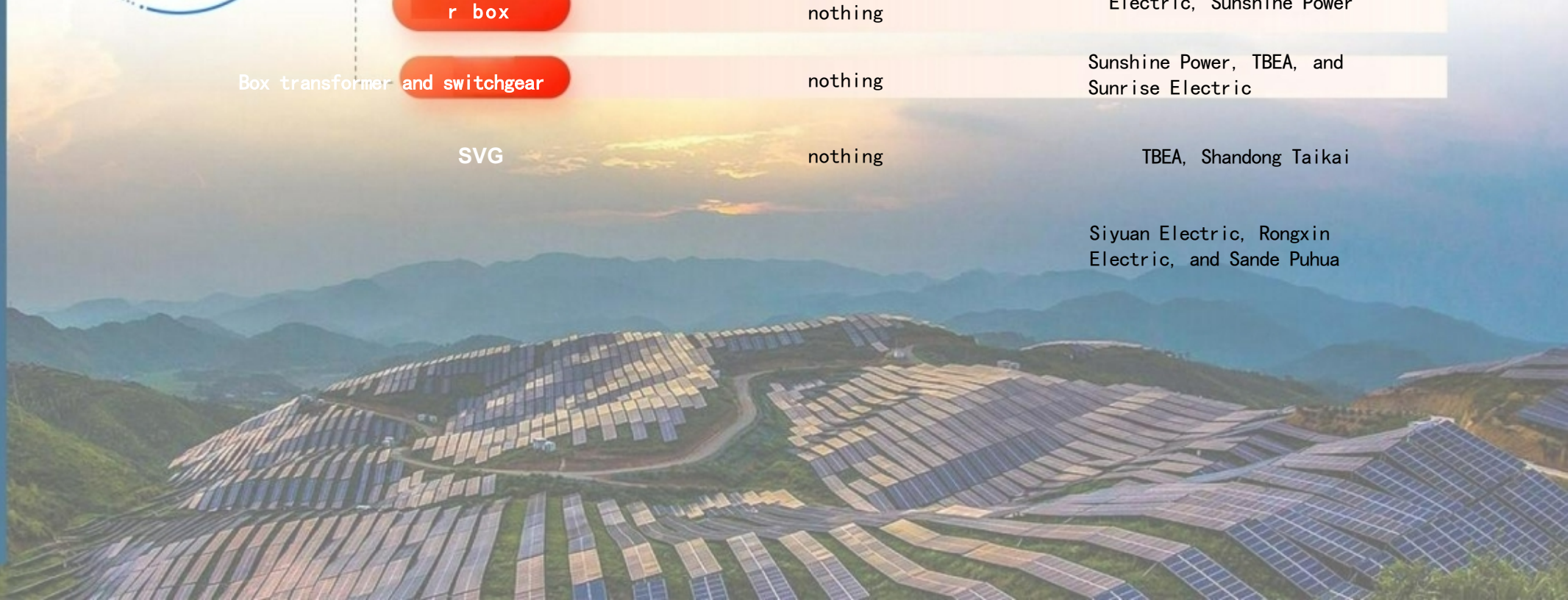






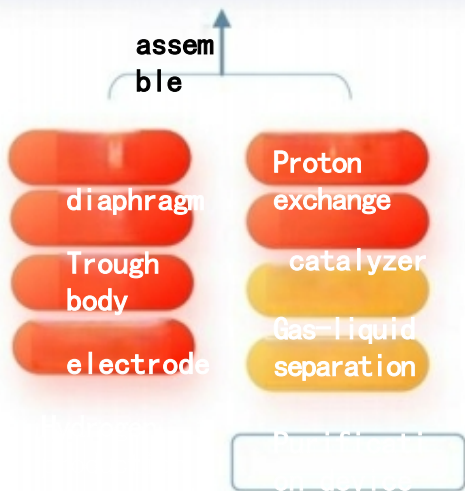
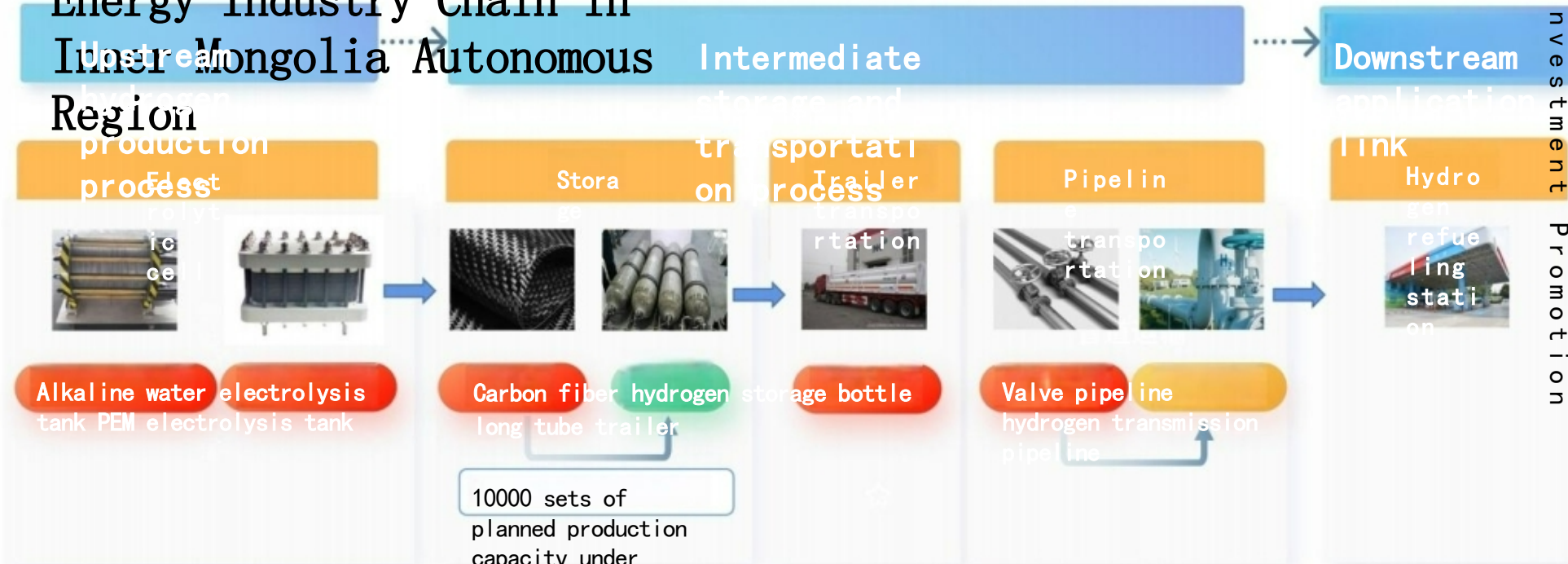
# Prospectus for Investment Promotion in the Photovoltaic Industry Chain of Inner Mongolia Autonomous Region

	Equipment	Landing enterprise	Key investment points
<p>downstream</p>	Bracket	Jixin New Energy, Microscience New Materials, and Zhongxie New Energy	CITIC Bo, Tuo Ri Xin Neng, and Yihua Co., Ltd
	tracking system	nothing	Trina Solar, Tianwei Yingli
	inverter	TBEA, Zhunyang Power Supply	Yuneng Technology, Star Semiconductor, Silanwei, Yangjie Technology, Shangneng Electric, Sunshine Power
	Combine r box	nothing	Sunshine Power, TBEA, and Sunrise Electric
	Box transformer and switchgear	nothing	Sunshine Power, TBEA, and Sunrise Electric
	SVG	nothing	TBEA, Shandong Taikai

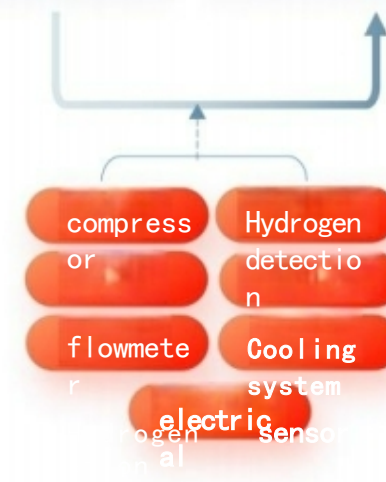
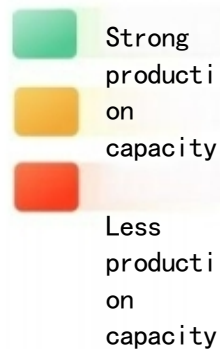




# Panorama of the Hydrogen Energy Industry Chain in Inner Mongolia Autonomous Region



200 sets of production capacity under construction



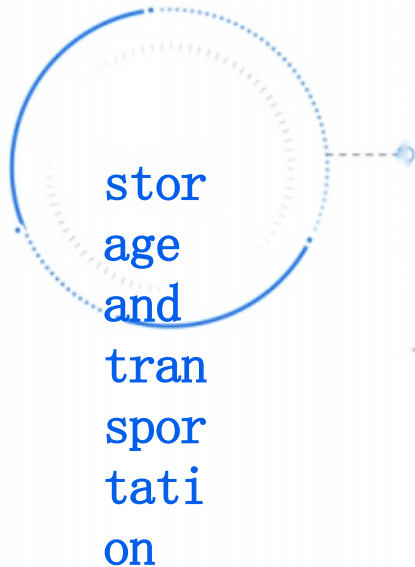
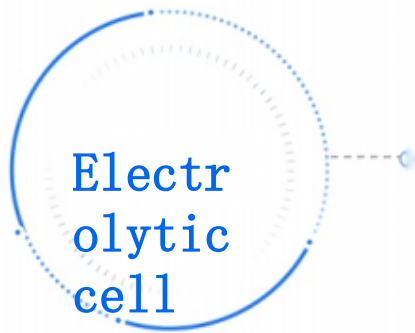
Panorama of the Hydrogen Energy Industry Chain in Inner Mongolia Autonomous Region and Prospects for Investment Promotion





# Gap Map of the Hydrogen Energy Industry Chain in Inner Mongolia Autonomous Region

equipment	Production capacity (including proposed)	Distribution League City	Landing enterprise	Gap (set)
	2000 square meters Baotou Dinola electrode 500			
diaphragm	0	None	None	1000
Electrolytic cell	200	Ordos	without	800
PEM	0	None	None	800
Hydrogen production power supply	0	None	None	1000
	2, with a production capacity of 250 Baotou Huadian Science and Technology Co., Ltd. 750			
Gas-liquid separator	1	unit,	with a production capacity of 200 Baotou Hangzhou Gui and Ju	800
	0	None	None	1000
Hydrogen storage tank	2, with a production capacity of 10000 sets of Baotou, Hohhot Zhejiang Lanneng, and Aerospace Sixth Research Institute			
Valve pipeline	0	None	None	1000
Hydrogen storage and transportation	2, with a production capacity of 10000 tons, Baotou Zhongke Xuanda and Huadian Science and Technology Co., Ltd			





equipment	Production capacity (set)	Distribution League City	Landing enterprise	Gap (set)
Hydrogenation gun	0	nothing	nothing	1000
Cooling system	0	nothing	nothing	1000
electric	0	nothing	nothing	1000
compressor	0	nothing	nothing	1000
flowmeter	0	nothing	nothing	1000
	0	nothing	nothing	1000
sensor	0	nothing	nothing	1000

Promotion

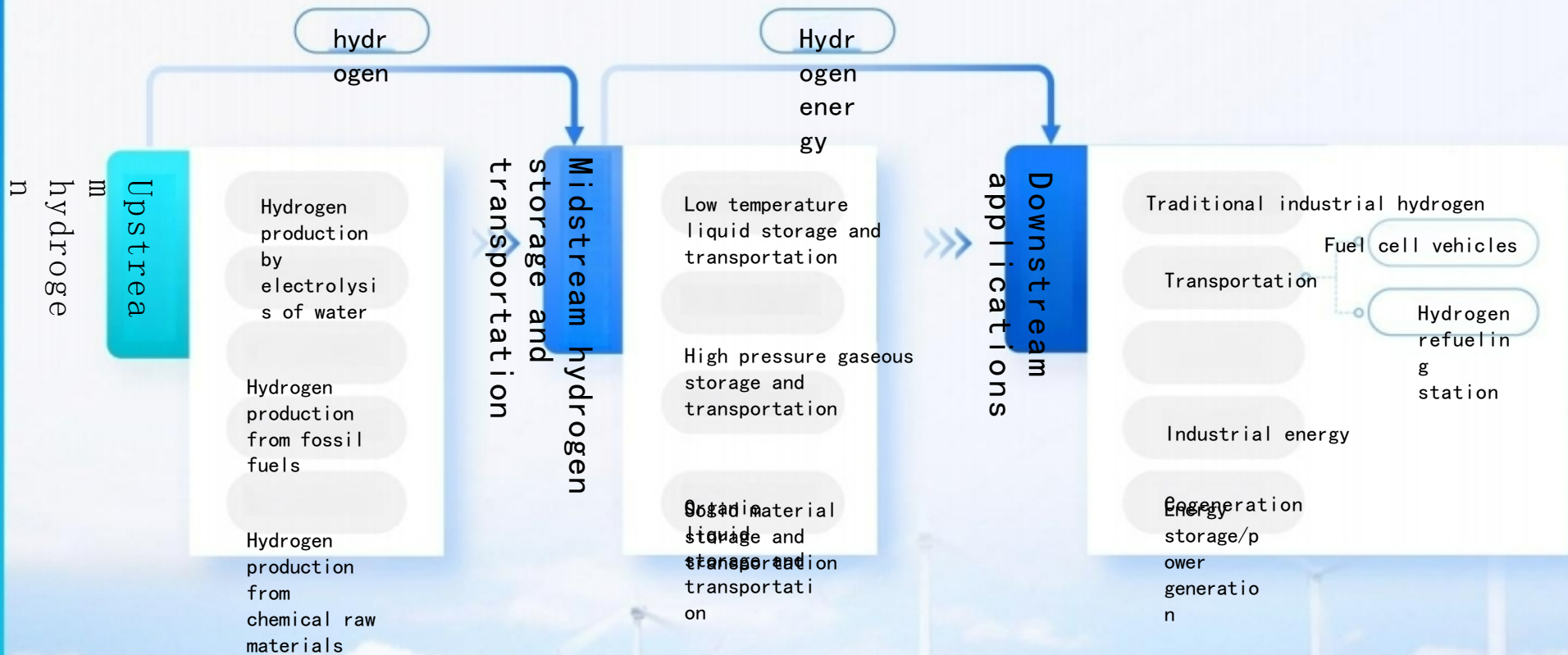


Hydrogen refueling station





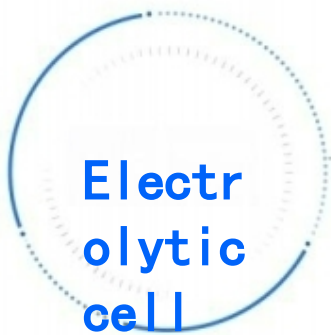
# Prospectus for Investment Promotion in the Hydrogen Energy Industry Chain of Inner Mongolia Autonomous Region







Equipment	Landing enterprise	Key investment points
electrode	Dinola electrode	Shanghai Tangfeng, Longji, Shenghydrogen
Diaphragm	nothing	Sinoma Technology, Longji, Shenghydrogen
Electrolytic cell	nothing	China Shipbuilding 718 Institute, Longji, Perry, Sunshine
PEM	nothing	Chunhua Hydrogen, Sunshine Hydrogen, and Zhongdian Fengye
Hydrogen production power supply	Huadian Science and Technology Co., Ltd	Power source, Guofu, Longji
Purification device	Hangzhou Regulations and Moments	Zhongtai Co., Ltd. and Kaimeite Gas
Gas-liquid separator	nothing	Hangyang and Kaifeng air separation
catalyzer	Zhejiang Lanneng and Aerospace Sixth Research Institute	Shandong Qilu Keli, China National Chemical Corporation, Sichuan Shutai
Hydrogen storage tank	nothing	one
Valve pipeline	Harbin Electric Wind Energy, Tianshun	Furui Tezhuang, Shunhua New Energy, Shanghai Hanhydrogen
	Huadian Science and Technology Co., Ltd	one
		Zhongding Hengsheng, Beijing Tiangao, Jiangsu Hengjiu





## Hydrogen refueling station

Equipment	Landing enterprise	Key investment points
Hydrogenation gun	nothing	Houpu Liquid Hydrogen, Meijin Energy, Henderson
Cooling system	nothing	Longpan Technology, Meijin Energy, Henderson
electrical system	nothing	Zhengxing
compressor	Huadian Science and Technology Co., Ltd	Hydrogen Power, Meijin Energy, Henderson, Snowman, Meijin
flowmeter	nothing	Energy, Henderson
Hydrogen detector	nothing	Komeijie, Yokogawa, Engels House, Emerson, ABB, Cologne, Atolli, FCI, Hequan
sensor	nothing	Shendawei, Xima, Yuwo, Huashengchang, Suwei, Baoshi An

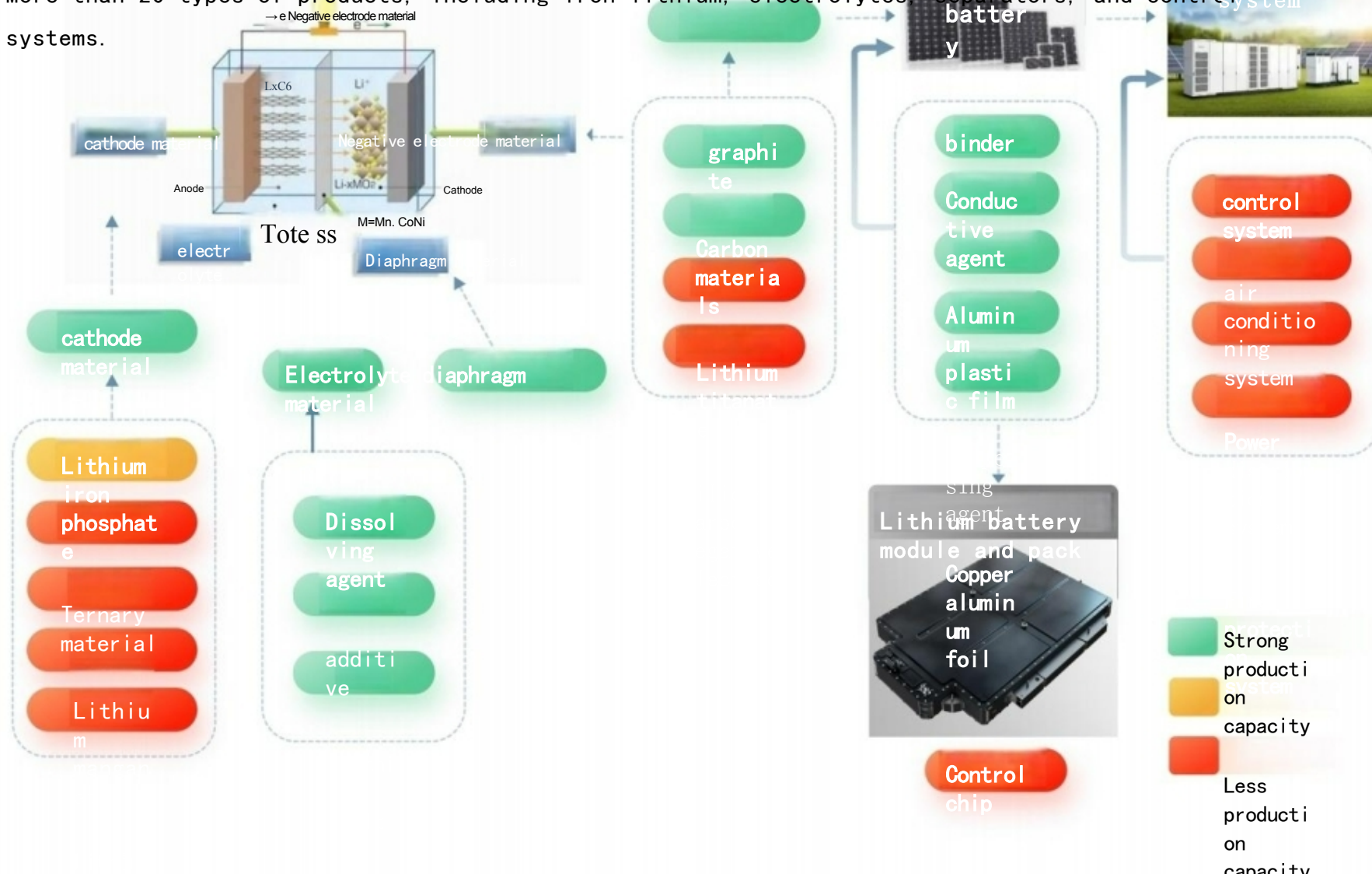


Krypton  
onics, Laser  
ology, Haizhuosi,  
hou Weisheng,  
xing

# Panorama of the Energy Storage Industry Chain in Inner Mongolia Autonomous Region

The mainstream technology route for future energy storage is electrochemical energy storage, and the industrial chain mainly includes three links: positive and negative electrode materials, lithium batteries, and energy storage systems, including phosphoric acid

More than 20 types of products, including iron lithium, electrolytes, separators, and control systems.





# Gap Map of Energy Storage Industry Chain in Inner Mongolia Autonomous Region

Equipment production capacity (including planned) distribution, shortage of landing enterprises in alliance cities	
cathode material	7, with a production capacity of 940000 tons in Hohhot, Baotou, Ordos Shengvanadium Technology, Jinghua New Materials, Shenzhen Volente, Huayou Cobalt Industry, and Beiterui
Negative electrode material	14 units, with a production capacity of 1.04 million tons Hohhot, Ordos Wuhai, Ulanqab Shanshan Technology, Dongfu New Energy, Zichen Xingfeng, Snow New Materials, Beiterui, Shanshan Co., Ltd 0
electrolyte	3, with a production capacity of 390000 tons of new materials from Ordos, Baotou, and Wuhai Xingtai
Organic solution	0 None None 10 million kWh
diaphragm	3, with a production capacity of 98000 tons of Hohhot lithium new materials
Copper foil	1 unit with a production capacity of 100000 tons of Ordos Huachuang New Materials
aluminum foil	0 None None 10 million kWh
Aluminum plastic film	1 unit, with a production capacity of 90000 tons. Baotou North China Aluminum Industry has a production capacity of 50000 tons
Conductive agent	3, with a production capacity of 70000 tons in Ordos, Baotou, Wuhai Shengyu New Materials, and Shandong Changxin
binder	1 unit, with a production capacity of 50000 tons of Wuhai United Fluorocarbon 0
Cell	5 units, with a production capacity of 30GWH, Ordos Vision Power 0
Structural components	0 None None 10 million kWh
Aluminum casing	0 None None 10 million kWh
PACK	5 units, with a production capacity of 17GWH in Ordos, Wuhai Yuanyuan Power, and Wuhai Yitong



# Prospectus for Investment Promotion in the Energy Storage Industry Chain of Inner Mongolia Autonomous Region

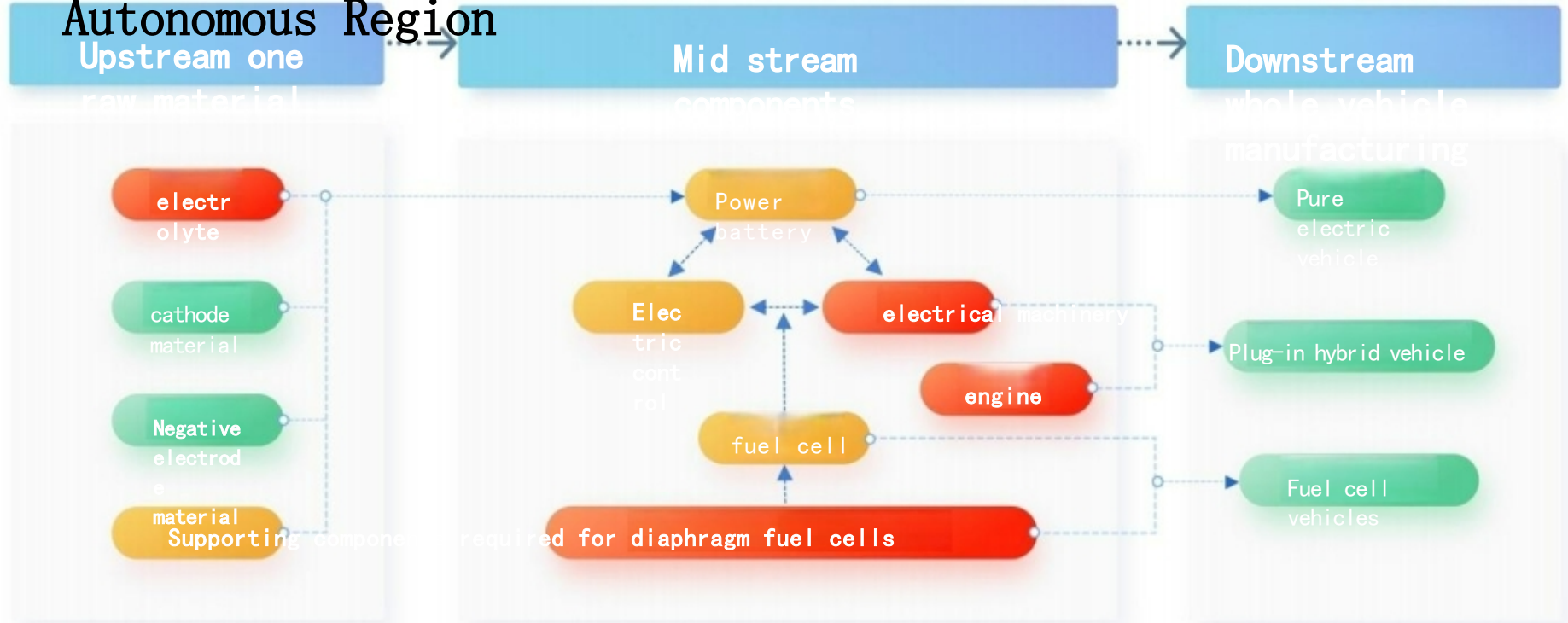
Gap

cathode material	Shengvanadium Technology, Jinghua New Materials, Shenzhen Valente, Huayou Cobalt Industry, Beiterui
Negative electrode material	Shanshan Technology, Dongfu New Energy, Zichen Xingfeng Snow New Materials, Betray, Shanshan Co., Ltd
electrolyte	Xingtai New Materials
Organic solution	Wushi Dashenghua, Tongling Jintai, Zhejiang Petrochemical
diaphragm	Medium lithium new materials
Copper foil	Huachuang New Materials
aluminum foil	Wudingsheng New Materials, Changaluminum Co., Ltd., Dongyang Guangke
film	
Conductive agent	Shengyu New Materials, Shandong Changxin
binder	Combined fluorocarbon
Cell	Vision Power
Structural components	Wuke Dali, Zhenyu Technology, Ningde Times
Aluminum casing	Wushenghui New Energy, Weike Technology, Pioneer Intelligence, Yiwei Lithium Energy, and Yinghe Technology
PACK	Yuanyuan Power, Wuhai Haiyitong
Energy storage	Yuanyuan Power, Sunshine New Energy, Zhongdian Energy Storage, Shandong Cloud Storage TBEA, Mengdong Fluid, Zhongguang Energy Storage



# Panorama of the New Energy Vehicle Industry Chain in Inner Mongolia

## Autonomous Region



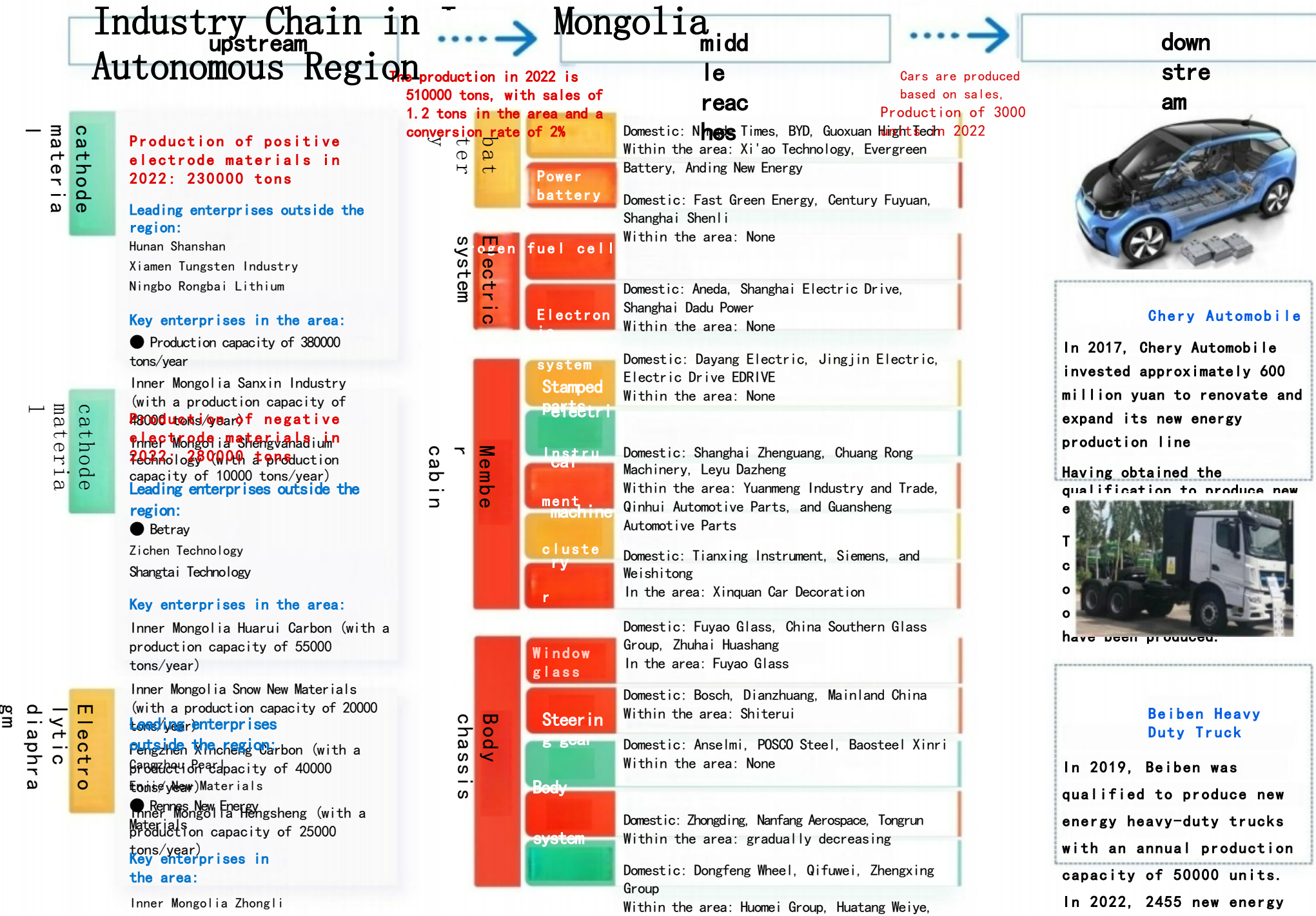
- Strong production capacity
- Less production capacity
- Production capacity not yet



# Panorama of the New Energy Vehicle Industry Chain in Inner Mongolia Autonomous Region



Panorama of the New Energy Vehicle Industry Chain in Inner Mongolia Autonomous Region



The production in 2022 is 510000 tons, with sales of 1.2 tons in the area and a conversion rate of 2%

Cars are produced based on sales, Production of 3000 High Tech 2022



**Chery Automobile**

In 2017, Chery Automobile invested approximately 600 million yuan to renovate and expand its new energy production line

Having obtained the qualification to produce new energy



have been produced.

**Beiben Heavy Duty Truck**

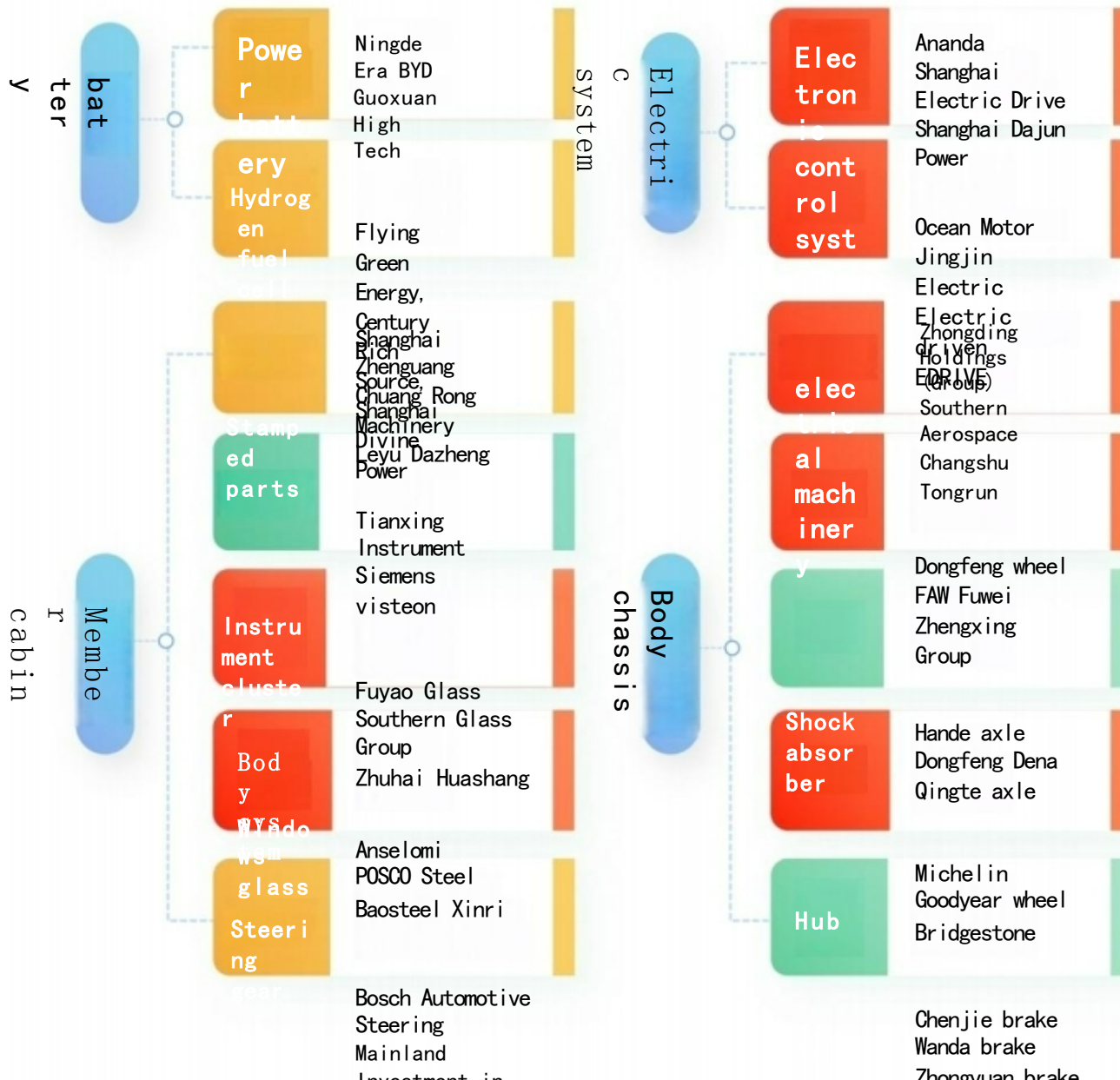
In 2019, Beiben was qualified to produce new energy heavy-duty trucks with an annual production capacity of 50000 units.

In 2022, 2455 new energy heavy-duty trucks were





# Prospectus for Investment Promotion in the New Energy Vehicle Industry Chain of Inner Mongolia Autonomous Region



## Whole vehicle



**New energy passenger vehicles**

Beijing New Energy Vehicle, BYD, Geely Automobile



**New energy passenger cars**

Zhongtong Bus, Yutong Bus, Nanjing



**New energy heavy truck**

Shaanxi Automobile and SAIC Iveco



# Prospectus for Investment Promotion in the New Energy Vehicle Industry Chain of Inner Mongolia Autonomous Region

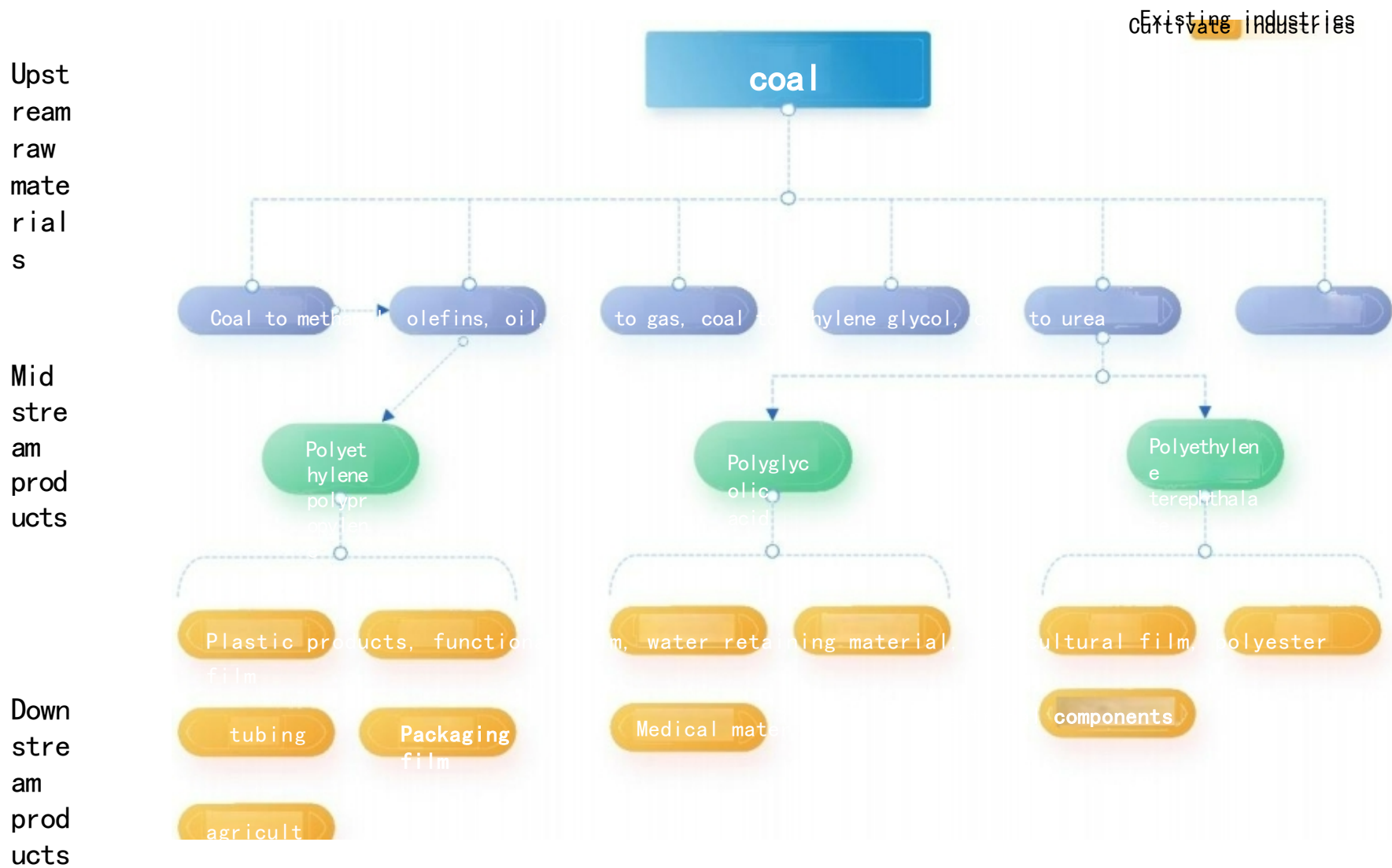
equipment	Production capacity (set)	Distribution League City	Landing enterprise	Gap (set)	Key investment points	
Whole vehicle	Passenger compartment	150000	Baotou, Ordos	Beiben Heavy Duty Truck Chery Ordos Branch		
	Body chassis	0	nothing	nothing	150000 Zhongding Holdings, Southern Aerospace, Changshu Tongrun	
	Shock absorber	1 unit with a production capacity of 175000	Baotou	Yiji Group Qiaobox Company		Hande axle, Dongfeng Dena, Qingte axle
	Hub	1 unit with a production capacity of 175000	Baotou	Yiji Group Qiaobox Company		Chenjie brake, Wanda brake, Zhongyuan brake
	Axle	1 unit with a production capacity of 350000	nothing	nothing	150000 Michelin, Goodyear tires, Bridgestone	
	Powertrain	assembly battery	1 unit, with a production capacity of 10GW	Ordos	Prospect Group	15GW
Hydrogen		1 unit with a	Ordos	Hydrogen plastic technology	10000	Flying Green Energy, Century Fuyuan, Shanghai
Battery source material		cathode material	2 units, with a production capacity of 14000 tons	Hohhot, Ulanqab	Shengfan Technology and Sanxin New Materials	
	Negative electrode material	17 units, with a production capacity of 466000 tons	Hohhot, Baotou, Wuhai, Ulanqab	Hengke, Xinyuan, Jinyi, Berry		
	Battery separator	1 unit, with a production capacity of 100 million square meters	Baotou, Ordos	880 million square meters of new lithium materials in China		Projects under construction: 880 million square meters

Whole vehicle

Powertrain

Battery source material

# Panorama of Modern Coal Chemical Industry Chain in Inner Mongolia Autonomous Region



6. Panorama of the Modern Coal Chemical Industry Chain in Inner Mongolia Autonomous Region



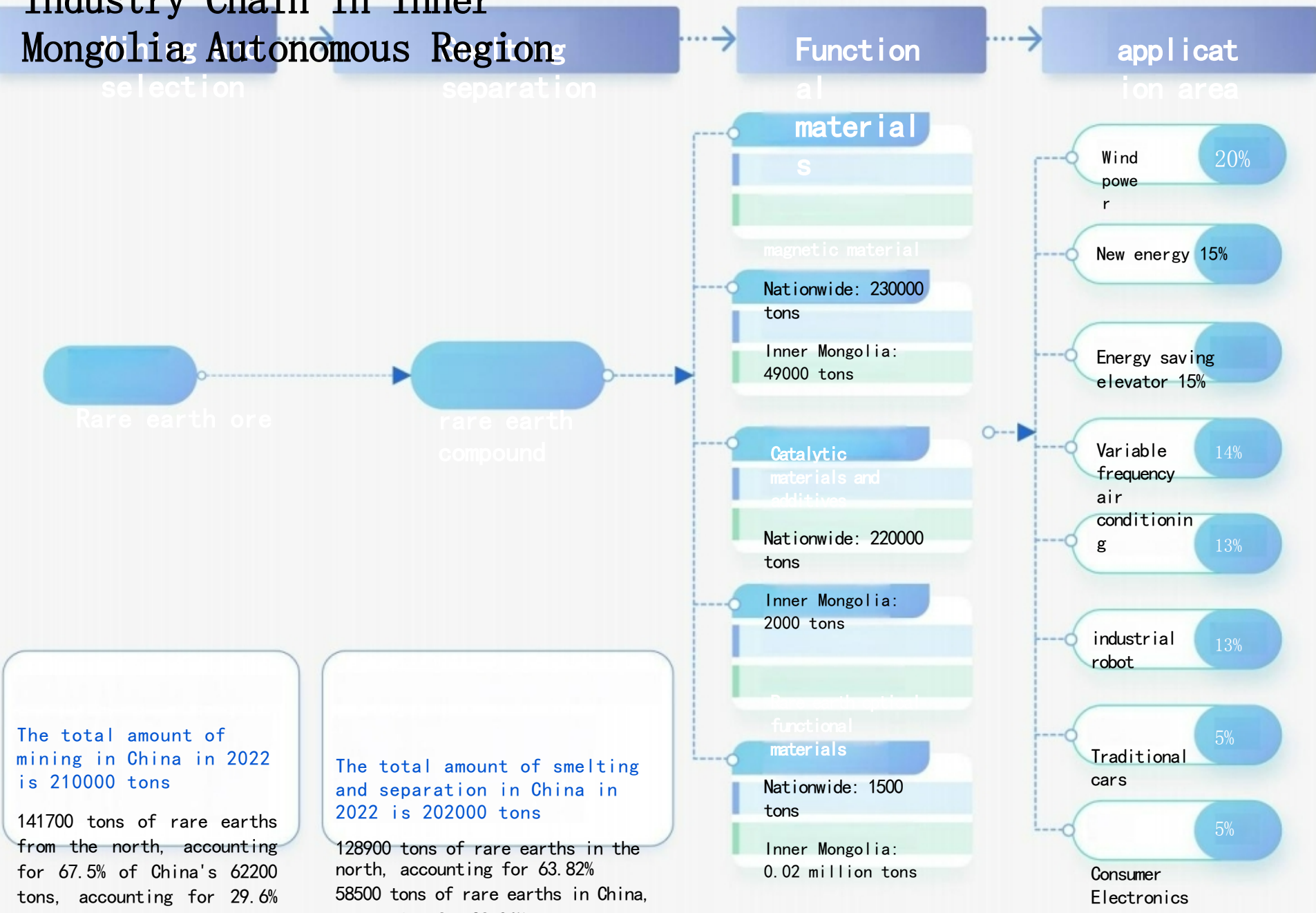




# Prospectus for Investment Promotion in the Modern Coal Chemical Industry Chain of Inner Mongolia Autonomous Region



# Panorama of Rare Earth Industry Chain in Inner Mongolia Autonomous Region



The total amount of mining in China in 2022 is 210000 tons

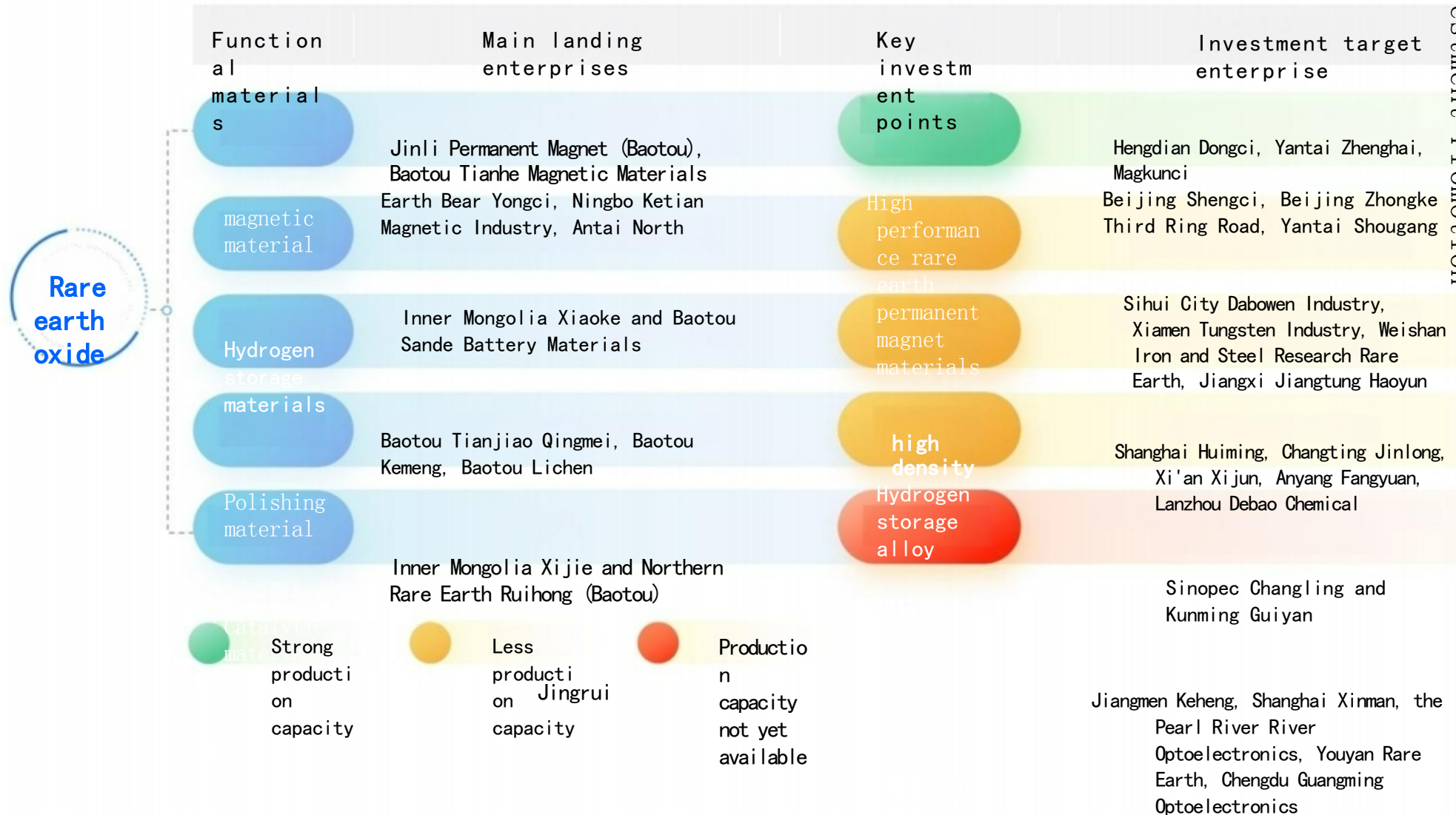
141700 tons of rare earths from the north, accounting for 67.5% of China's 62200 tons, accounting for 29.6% of Xiamen Tungsten Industry's 3400 tons, accounting for 1.42% of

The total amount of smelting and separation in China in 2022 is 202000 tons

128900 tons of rare earths in the north, accounting for 63.82% 58500 tons of rare earths in China, accounting for 28.96% Xiamen Tungsten Industry has 4000

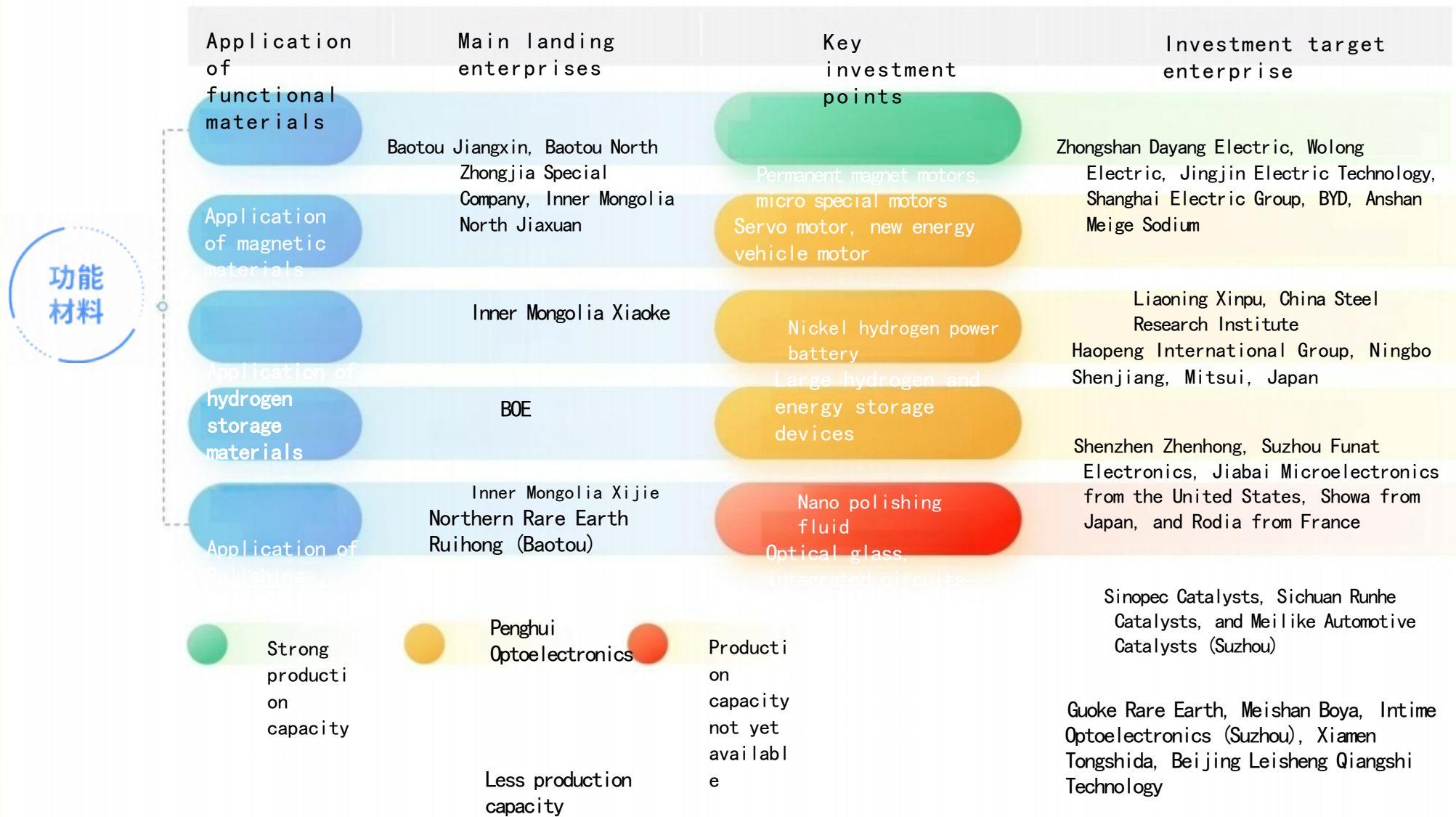
Rare earth

# Prospectus for Investment Promotion in the Rare Earth Industry Chain of Inner Mongolia Autonomous Region

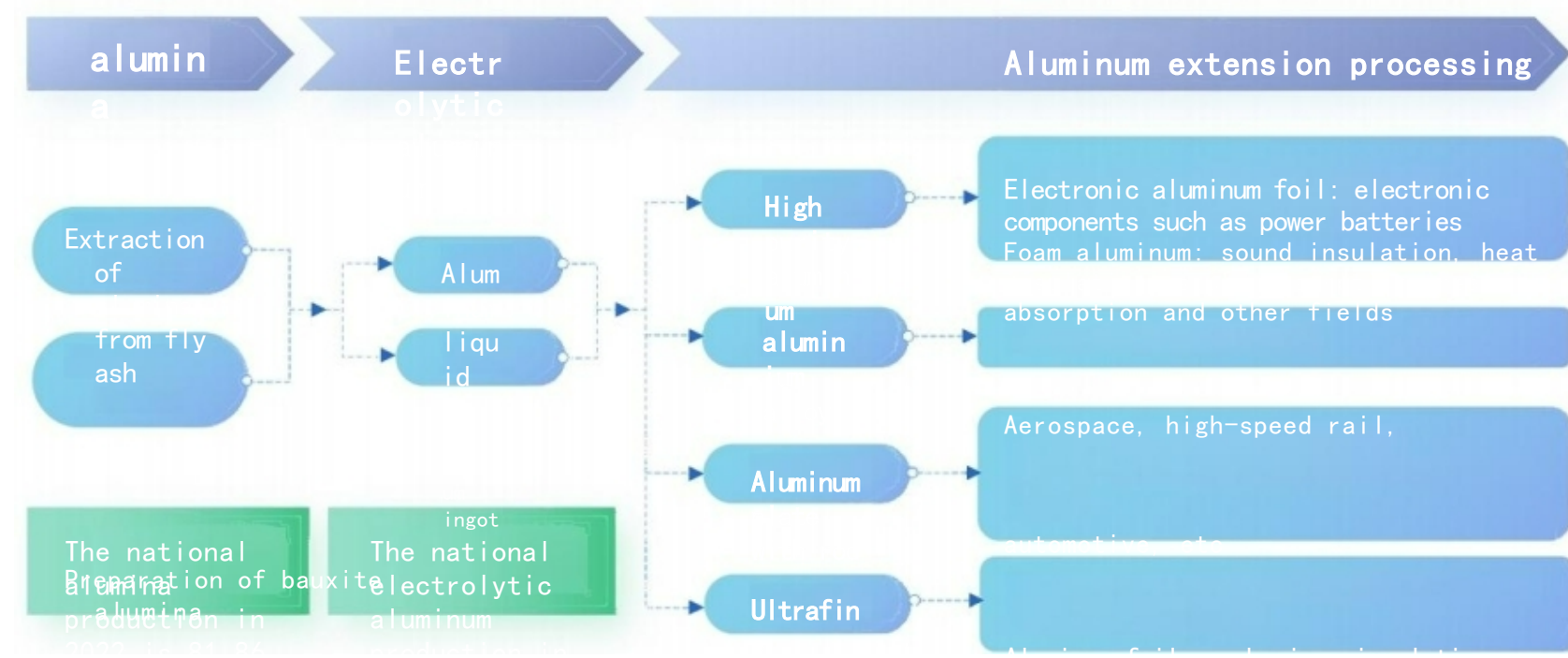




# Prospectus for Investment Promotion in the Rare Earth Industry Chain of Inner Mongolia Autonomous Region



# Panorama of the Aluminum Industry Chain in Inner Mongolia Autonomous Region



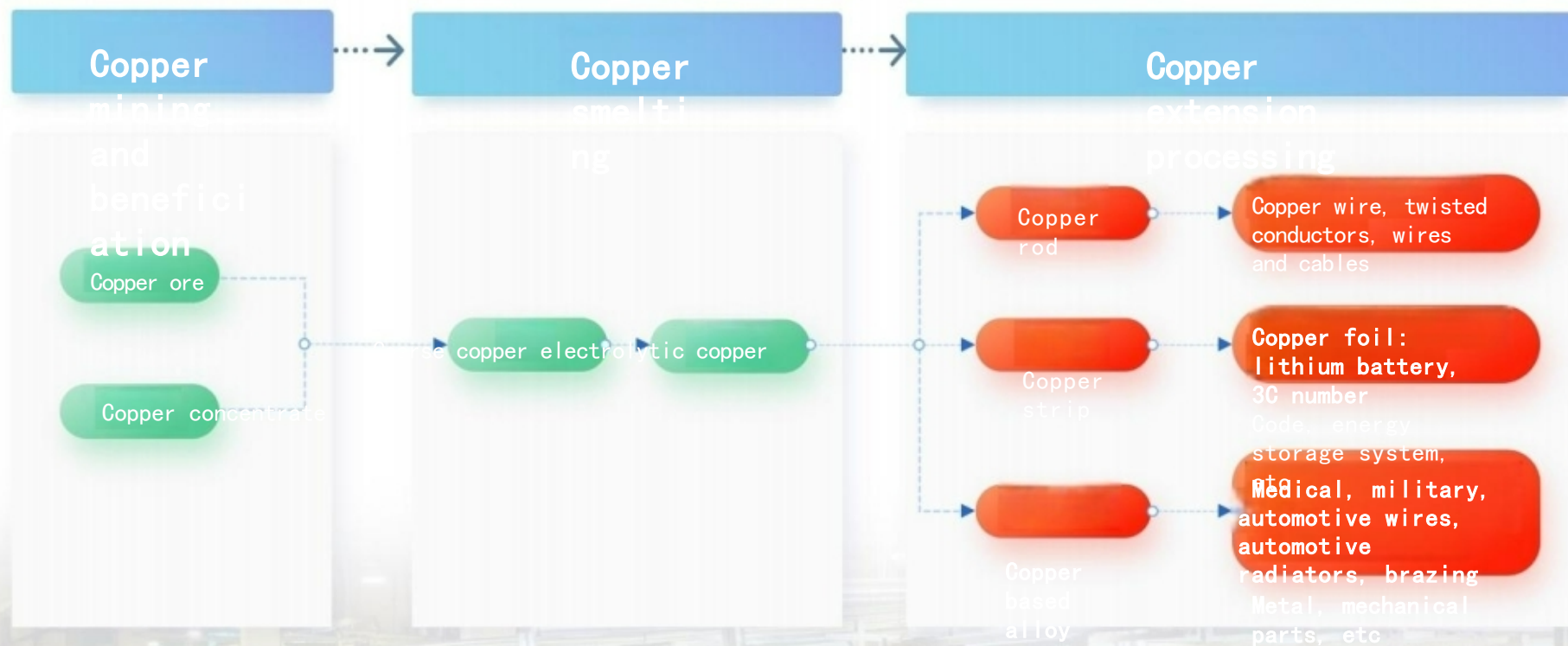
# Prospectus for Investment Promotion in the Aluminum Industry Chain of Inner Mongolia Autonomous Region

variety	Main landing enterprises	Key investment points	Investment target enterprise
High purity aluminum	Baotou Aluminum (with a production capacity of 60000 tons, ranking first in the world), Inner Mongolia New Yangtze River	Electronic optical foil, sputtering target material, high-purity alumina, aerospace and military industry, semiconductor materials	Guangdong Dongyangguang, Xinjiang Zhonghe Henan Keyuan Electronics and Guangxi Academy of Sciences
aluminum alloy	Huayun, Jinlian Aluminum, Sitong New Materials, Tongbiao Aluminum, Shengtai, Hebei Lizhong, China Aluminum Investment Corporation, etc	Aluminum based composite materials, rare earth aluminum alloys, high silicon aluminum, aluminum magnesium, copper aluminum alloys, automotive components	Yongmaotai, Shunbo Alloy, Shandong Jungle Aluminum, Anhui Xinplatinum Aluminum, Asia Pacific Automobile, Jiangxi Fuzhou Luwei Wheel Hub, Minshi
Aluminum plate with rod	Liansheng, Jingfan, Northern Aluminum, Chuangyuan Alloy	Battery aluminum foil, strip foil, aluminum based high-temperature new materials,	Grangis, Huafeng, Yinbang, Dingsheng New Materials, Wanshun New Materials, Nanshan, Changaluminum, Yongjie New Materials, Xiashun, Haoda Aluminum, Northeast Light Alloy
	Tongliao Huomei Hengda and Inner Mongolia Xuyang New Materials	Strong production capacity	Less production capacity, no production capacity yet Zhengzhou Aerospace Aluminum Industry
	nothing		Lizhong Group, Guangdong Hongjin, Shuaiyichi, Xinge Group, Weiwang, Ruixin Automobile

Aluminum liquid  
Aluminum ingot  
Aluminum liquid  
Aluminum ingot



# Panorama of the Copper Industry Chain in Inner Mongolia Autonomous Region



Eight Inner Mongolia Autonomous Region Nonferrous Metals  
 (Aluminum, Copper) Industry Chain Scenery Map Investment  
 Promotion Prospect Map





# Panorama of the Copper Industry Chain in Inner Mongolia Autonomous Region

## Mongolia Autonomous Region

In 2022, the production of copper raw ore and concentrate in the entire region reached 29.64 million tons and 370000 tons, respectively. There are 6 existing copper smelting enterprises, with a crude copper production of 950000 tons and a refined copper production capacity

770000 tons; The production of copper **上游** products (middle reaches) is 50000 tons, and the on-site conversion rate of refined copper is 6.5%.

**Key (chain owner supporting) enterprises in the area**

China Gold Group Inner Mongolia Mining Co., Ltd

Inner Mongolia Bayern Mining Co., Ltd

Chifeng Dajingzi Mining Co., Ltd

Bayannur Western Copper Industry Co., Ltd., etc

43.55 million tons of copper raw ore production capacity has been fully converted into 581000 tons of copper concentrate that can be

**Enterprises in the area**

no  
th  
in

**Key (chain owner) enterprises in the area**

Baotou Huading Copper Industry  
Chifeng Cloud Copper

Chifeng Gold Sword

Linxi Fubang Copper Industry

Bayannur Western Copper Company, etc

The crude copper production capacity is 940000 tons, the refined copper production capacity is 680000 tons, and 3.7 million

**Key enterprises outside the region**

○ Jintian Copper Industry ○  
Jiangxi Copper Industry

**Key enterprises outside the region**

Minmetals Group  
Zijin Mining

(Xiamen)

Jiangxi Copper Industry

Tongling

Colored

yunnan copper

Chinese gold

Dazhi Colored

Comprehensive utilization of waste copper resources -

3.25 million tons of waste copper concentrate in the area, recycled from (over 75%)







# Prospectus for Investment Promotion in the Copper Industry Chain of Inner Mongolia Autonomous Region

Electrolytic copper

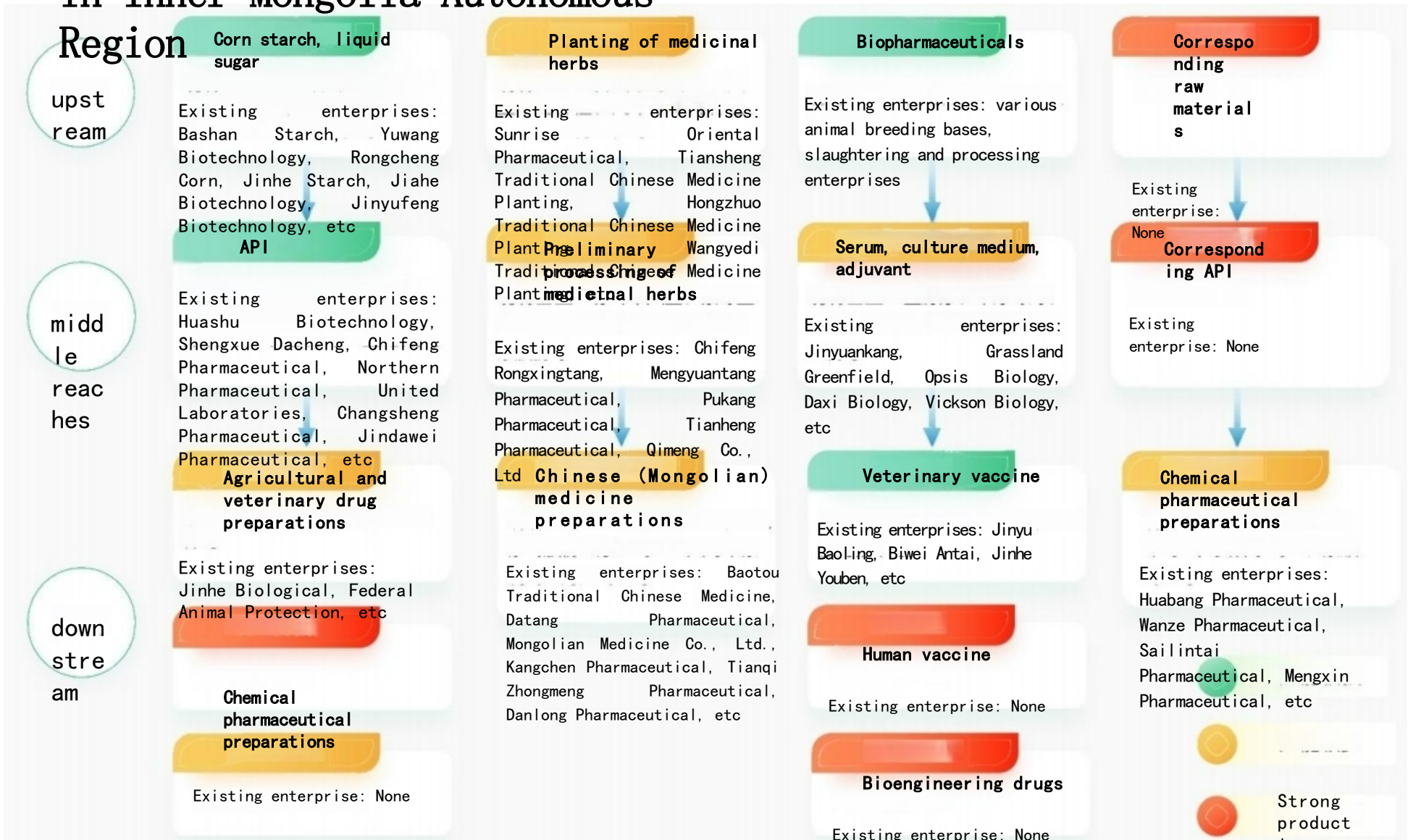
variety	Key investment attraction points for major landing enterprises	Strong production capacity	Less production capacity, no production capacity yet	Investment target enterprise
Copper tube	Baotou Zhenxiang	Copper rod, copper wire, copper alloy, copper wire		Jintian Copper, Shenzhen Zhengwei Group, Hailiang Co., Ltd. (Shaoxing), Tongling Nonferrous Metals (Anhui), Tianjin Youfa
rod	Baotou Zhenxiang	Twisted conductors, wires and cables, copper foil		
Copper strip	Baotou Zhenxiang	Medical, military, automotive wires, automotive radiators, brazing metals, battery wires, IC lead frames, high conductivity ultra-fine wires, etc		Bowei Alloy, Xinke Materials Lingbao Huaxin (Henan), Nord New Materials  Nanjing Yunhai, Hunan Jinlianxing, Jiangxi Yongte, Beijing Wukuang
Copper based alloy				

Eight Inner Mongolia Autonomous Region Nonferrous Metal Aluminum Copper Industry Chain Scenery Map Investment Attraction Close-up Map





# Panorama of the Biopharmaceutical Industry Chain in Inner Mongolia Autonomous



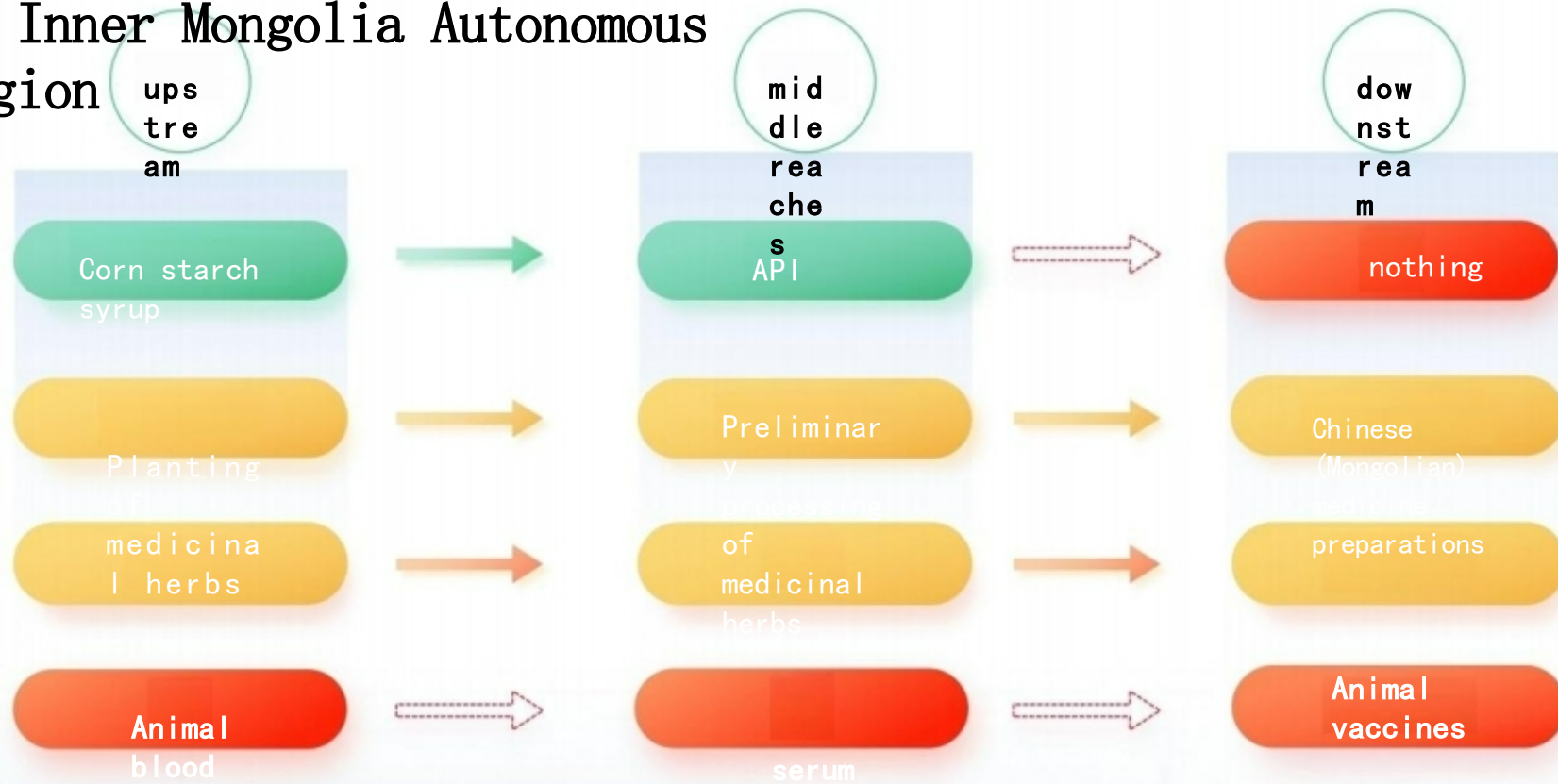
Food and Drug Additives

Existing enterprise:

Less production



# Panorama of the Biopharmaceutical Industry Chain in Inner Mongolia Autonomous Region



Panorama of the Biomedical Industry Chain in Inner Mongolia Autonomous Region and Prospects for Inviting Investment



# Prospectus for Investment Promotion in the Biopharmaceutical Industry Chain of Inner Mongolia Autonomous Region

## Inner Mongolia Autonomous Region

classification

Existing enterprises

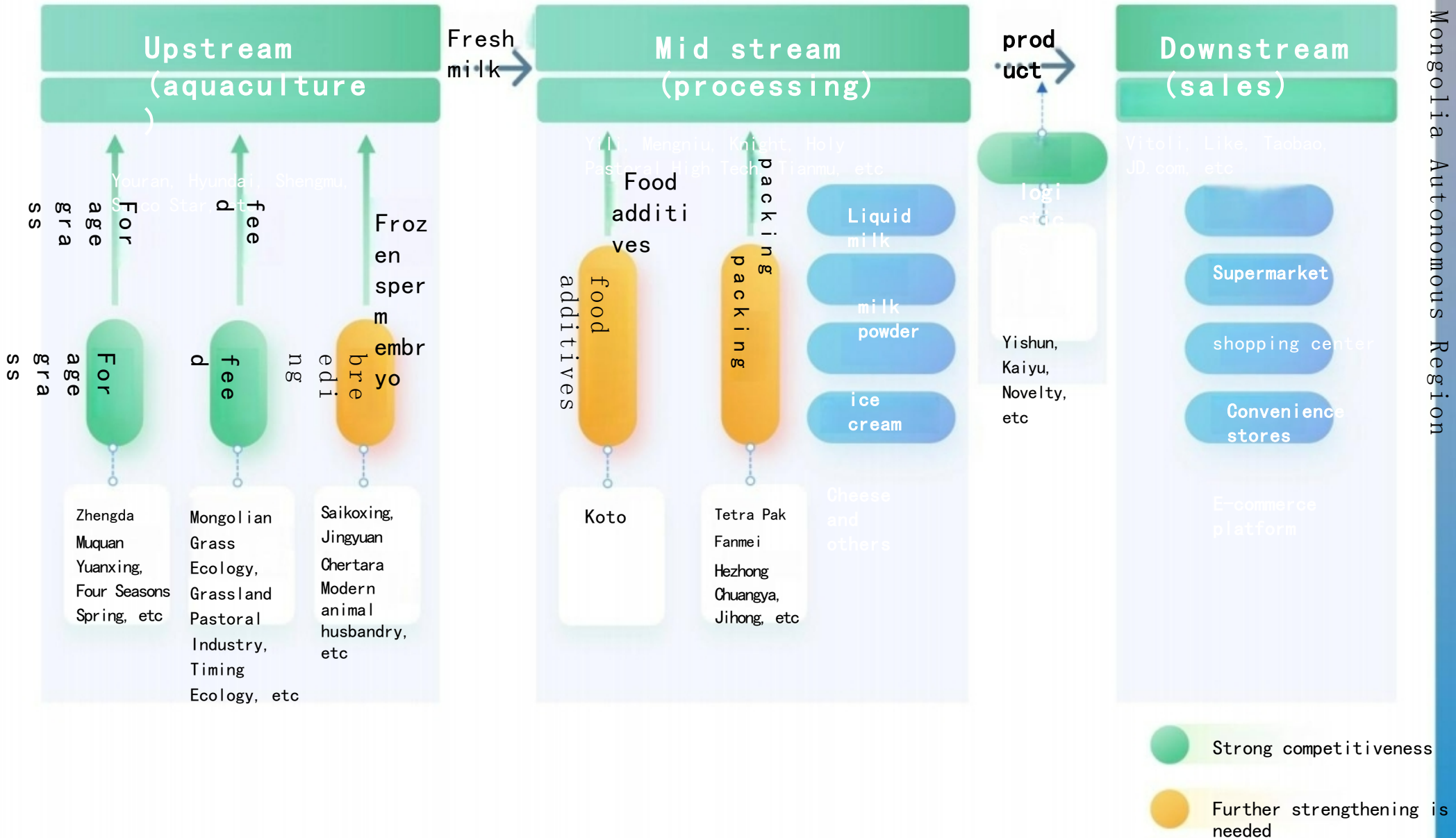
Target Enterprise

API	United Laboratories, Huashu Biotechnology, Shengxue Dacheng Chifeng Pharmaceutical, Changsheng Pharmaceutical, Jindawei Pharmaceutical, Qilu Pharmaceutical, etc	WuXi KangDe, Kyushu Pharmaceutical, Kelun Pharmaceutical North China Pharmaceutical, Harbin Pharmaceutical Group, etc
Chemical pharmaceutical preparations	Huabang Pharmaceutical, Wanze Pharmaceutical Sailintai Pharmaceutical, Mengxin Pharmaceutical, etc	Pfizer in the United States, Bayer in Germany, Hengrui Pharmaceuticals Shanghai Pharmaceutical, Shiyao Group, etc
Agricultural and veterinary drug preparations	Jinhe Biotechnology, Federal Animal Protection, etc., China National Animal Husbandry Corporation, Haili Biotechnology, Placo, etc	
Planting and initial processing of	Sunrise Oriental Pharmaceutical, Tiansheng Traditional Chinese Medicine Planting, Chifeng	Tongrentang, Yunnan Baiyao, Baicao Pharmaceutical
Serum, culture medium, adjuvant, etc	Jinyuankang, Grassland Greenfield, Opsis Biology, Daxi Biology, Vickson Biology, etc	GlaxoSmithKline, Ruike Biology Oskan Biotech, Zhongsheng Tianxin, Biotech, etc
Veterinary vaccine	Jinyu Baoling, Biwei Antai, Jinhe Youben and other American companies such as Shuoteng, Zhongmu Industry, Dalian Sanyi, etc	Yunnan Baiyao, Tongrentang, Yangzijiang
Human vaccine	nothing	Zhifei Biology, Hualan Biology, China Biology Konshino organisms, primates, etc
Bioengineering drugs	nothing	Kangtai Biology, Fosun Pharmaceutical Watson organisms, primates, etc





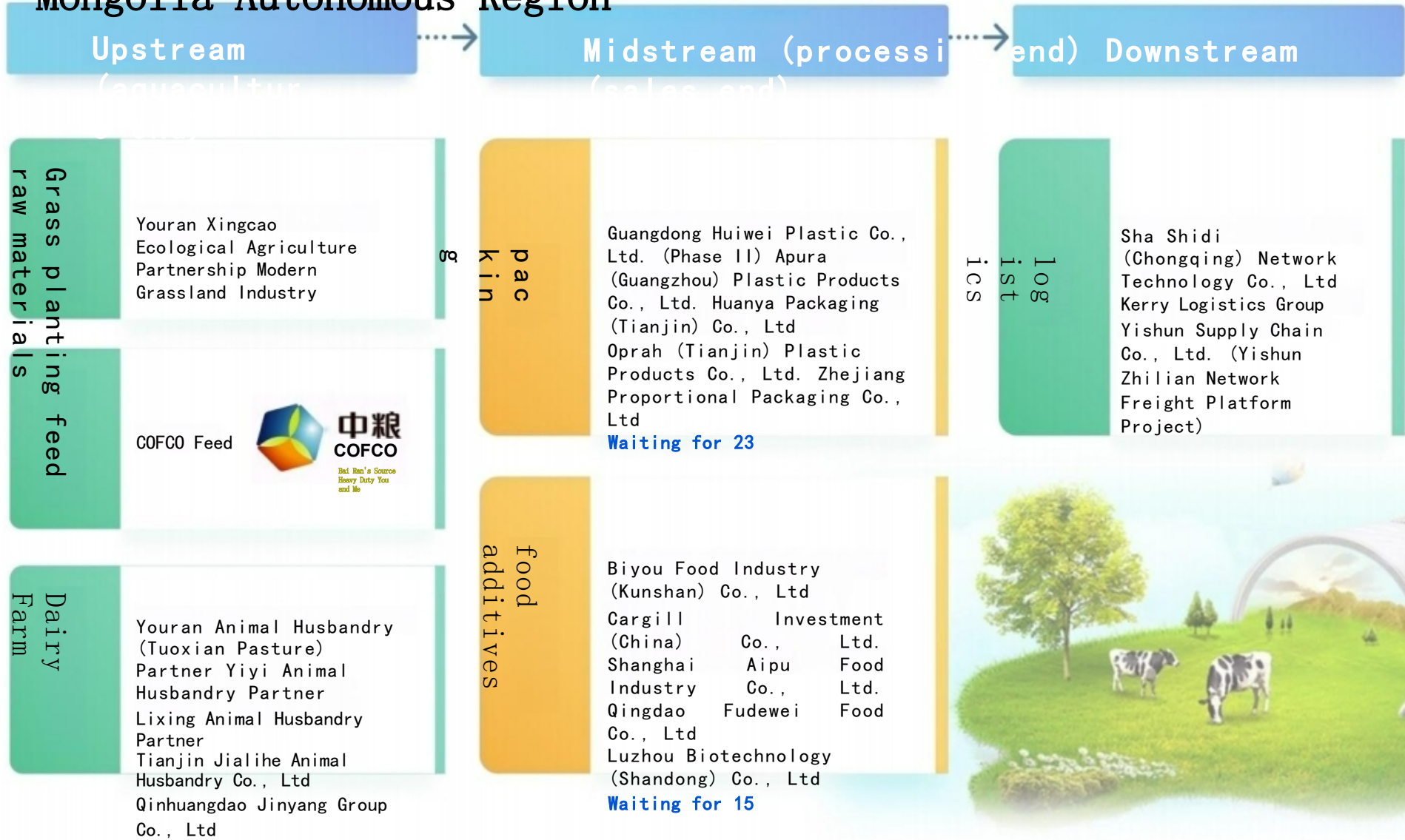
# Panorama of the Dairy Industry Chain in Inner Mongolia Autonomous Region





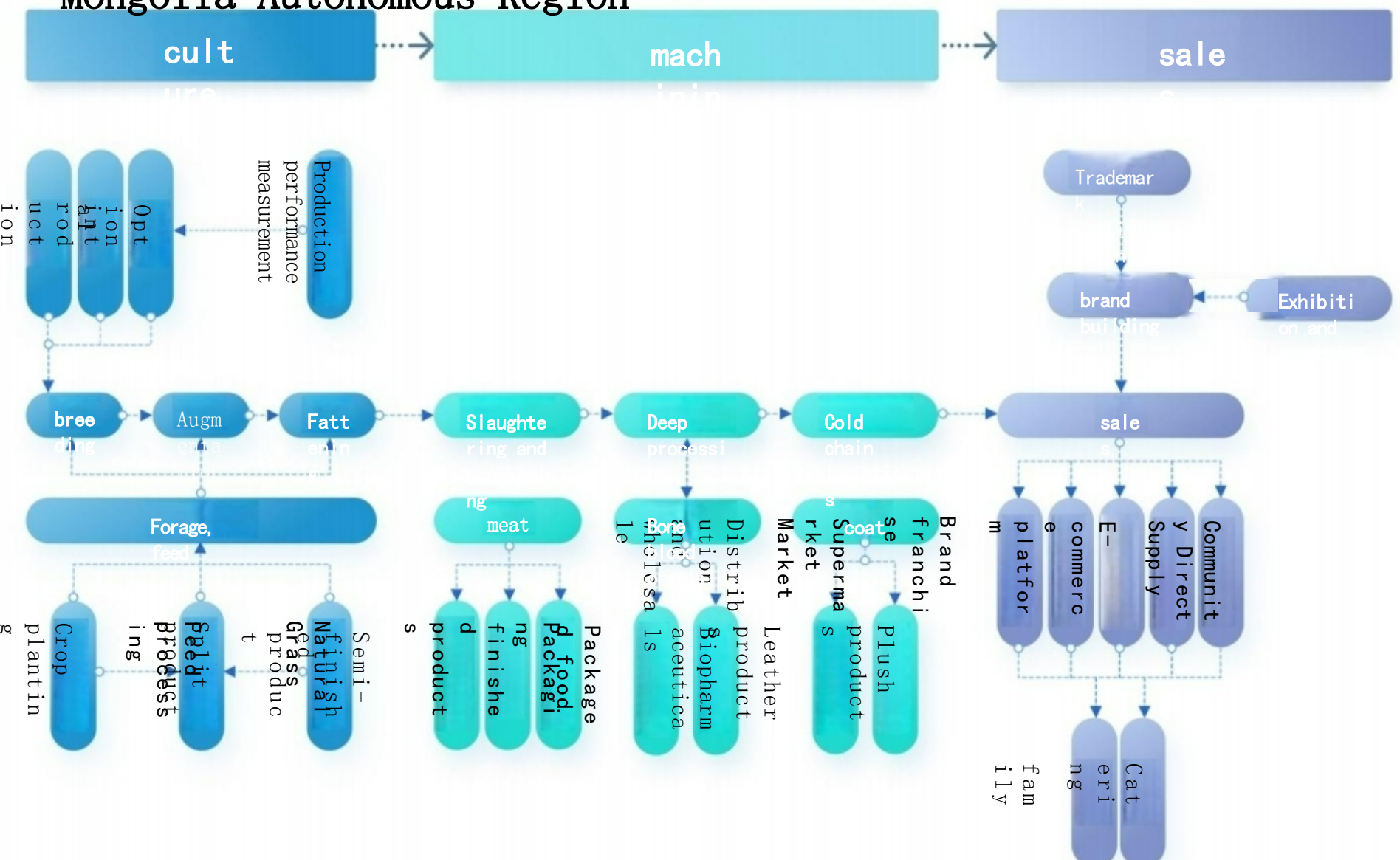


# Prospectus for Investment Promotion in the Dairy Industry Chain of Inner Mongolia Autonomous Region





# Panorama of the Meat Sheep Industry Chain in Inner Mongolia Autonomous Region Prospects for Investment Promotion



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# Prospectus for Investment Promotion in the Meat Sheep Industry Chain of Inner Mongolia Autonomous Region

## Breeding end

### culture

Xinjiang Desert Yangxin  
Animal Husbandry Co., Ltd

Hebei Youbang Animal  
Husbandry Co., Ltd

Jining Wanlong Agriculture  
and Animal Husbandry  
Technology Co., Ltd.  
Shandong Sanmarch Breeding  
Co., Ltd

## Processing end

### Textile processing

Shaoxing Chunxue Textile  
Co., Ltd

Jiaxing Wo'er Textile  
Co., Ltd

Zhongke Ronghui Cashmere  
Industry Development  
Co., Ltd

## Sales end

### Catering

Shan County Sanyichun  
(Zhouji) Catering Co., Ltd.  
Beijing Yangfang Dadu  
Cultural Development Co.,  
Ltd. Beijing Fukouju Food  
Co., Ltd. Ningxia Guoqiang  
Shoushou Mutton Catering  
Co., Ltd

Inner Mongolia Xibei Catering  
Group Co., Ltd

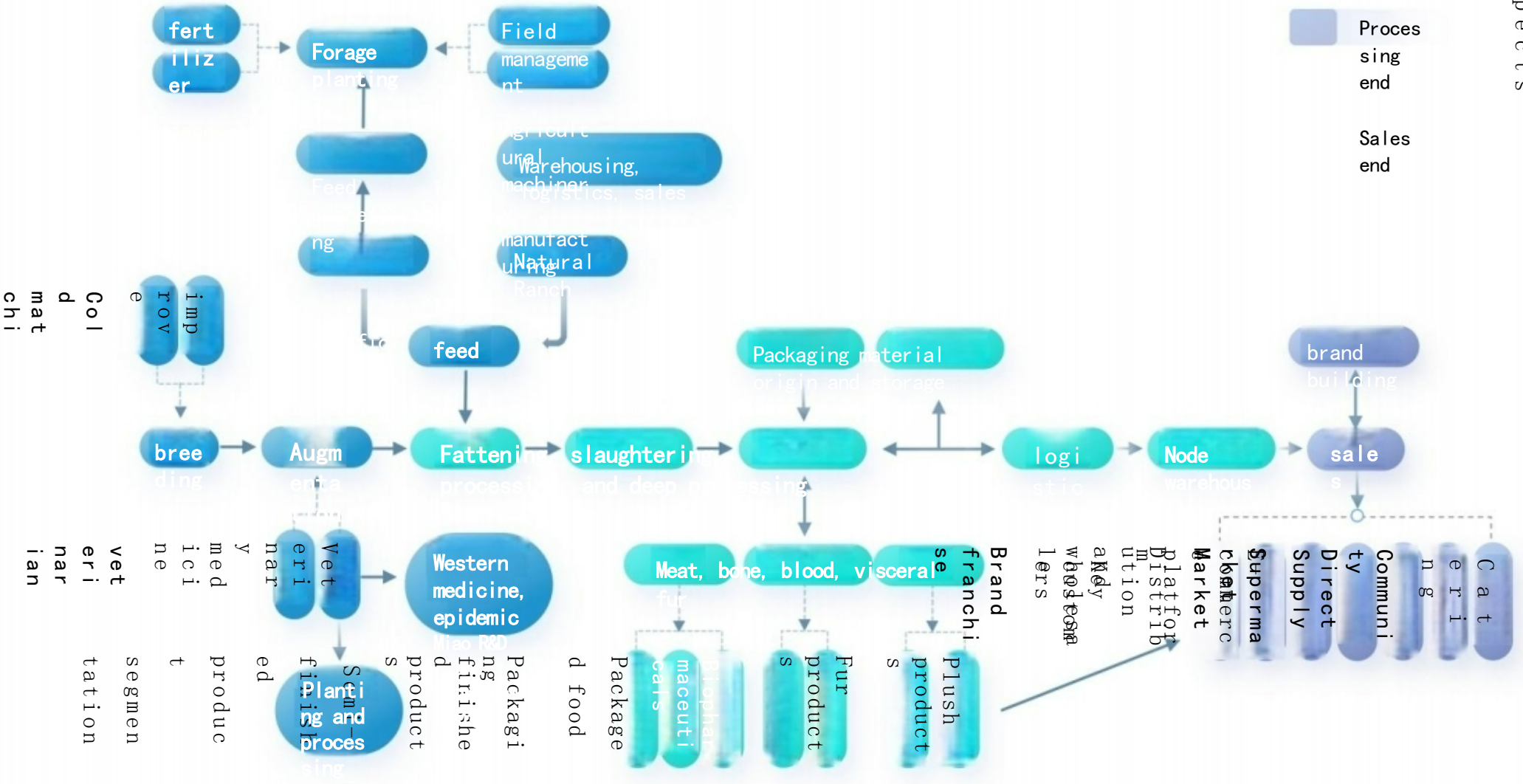
Beijing Liji Sheep Soup  
(Beijing Jingqirui Advertising  
Co., Ltd.)







# Panorama of the Beef Cattle Industry Chain in Inner Mongolia Autonomous Region



# Prospectus for Investment Promotion in the Beef Cattle Industry Chain of Inner Mongolia Autonomous Region

Production  
end

## Seed Industry

**International:** Introduce breeding cattle or frozen semen from breeding companies such as Universal in the United States, Baoni in Germany, ABS, CRI, etc.  
**Domestic:** Anhui Daming, Jiangsu Jiuhong, Gansu Gongyu, Hebei Tianhe  
Henan Dingyuan, Heilongjiang Yuansheng, Jilin Xinmu, etc

## culture

Chongqing Hengdu, Zhonghe Hengrui, Beijing Shunxin Xinyuan, Gansu Kangmei Animal Husbandry, Xinjiang Tianshan Military Reclamation, Heilongjiang Longjiang Yuansheng, Changchun Haoyue, etc

Processing  
end

## machining

Hebei Fucheng Wufeng, Yunnan Aini, Liaoning Lvfang, Liaoning Hongfu, Yurun Group, Shandong Zhenjia, Sichuan Hope, Jilin Haoyue, Henan Yisai, Xinjiang Jiayu, etc

## finish machining

**Leather products:**  
Leather shoes: Aokang, Kangnai, Red Dragonfly, etc  
Luggage: French Marca leather goods (Guangzhou)  
**Health food:**  
Yinchuan Tonglijin, Suzhou Fulusheng, Xi'an Prys Biotech, etc  
**Biomedical:**  
Shenghua Group, Shansong Biotech, Novozymes (China), Shandong Zhengda Furida, etc

Sales  
end

## sales

**Catering:** Tianjin Dajili, Niuwei Awakening, Niushixian, Shenzhen Lishi, etc  
**Trading markets:** Jinhua Nong, Shenzhen Yongjia, etc  
**Fresh Professional Supermarket:** Guangzhou Lejia Fresh, Qingdao Neighborhood Fresh, etc

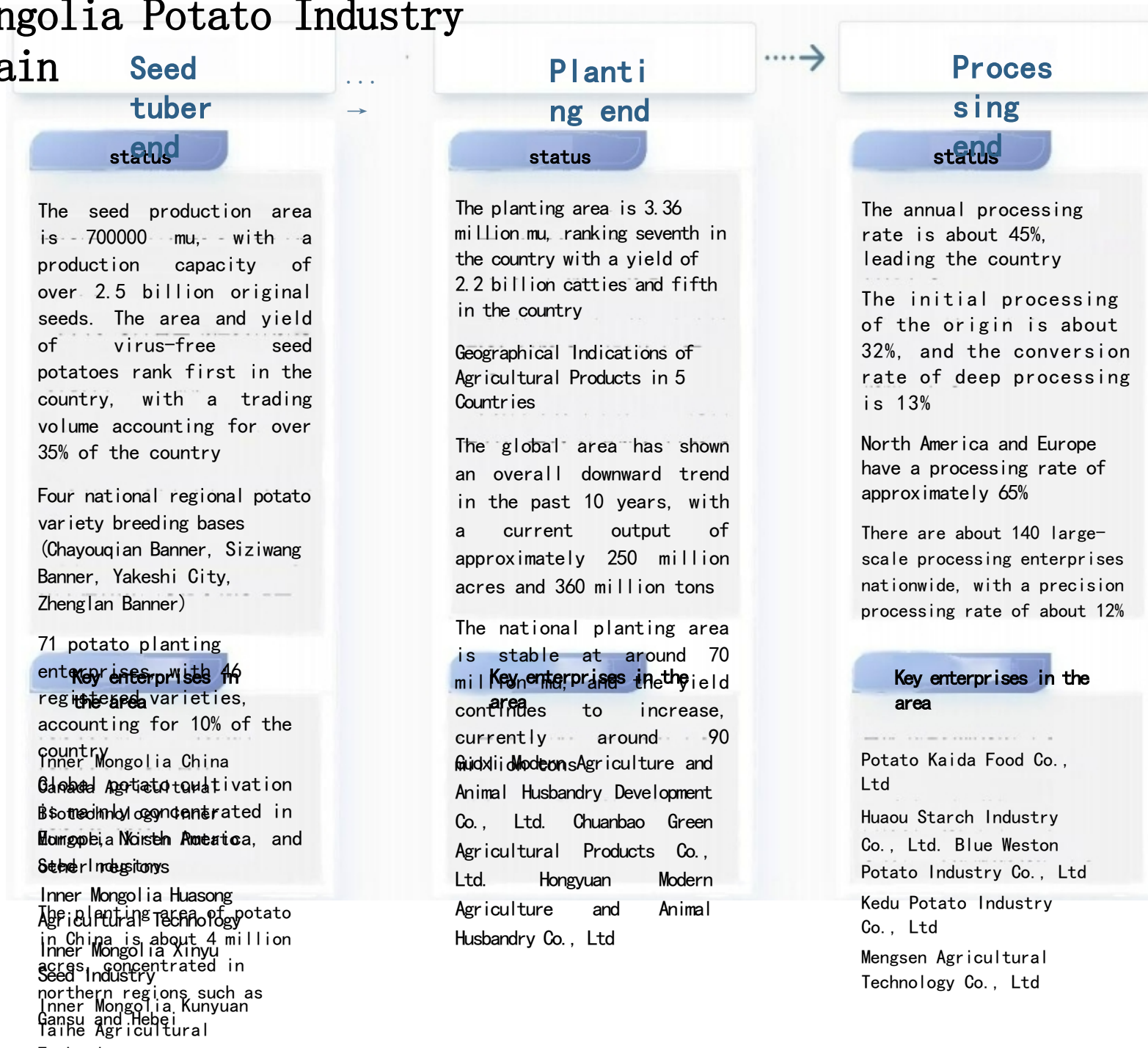
## brand

Horqin Cattle Industry, Qinbao Animal Husbandry, Yinjue Farm, Da Zhuang Yuan, Yisai Beef, Changchun Haoyue, Dongfang Wanqi, Shengnong Anbai Ranch, Hengyang Industry and Trade

**Supermarkets:** Wal Mart, Kangcheng China, Carrefour, etc



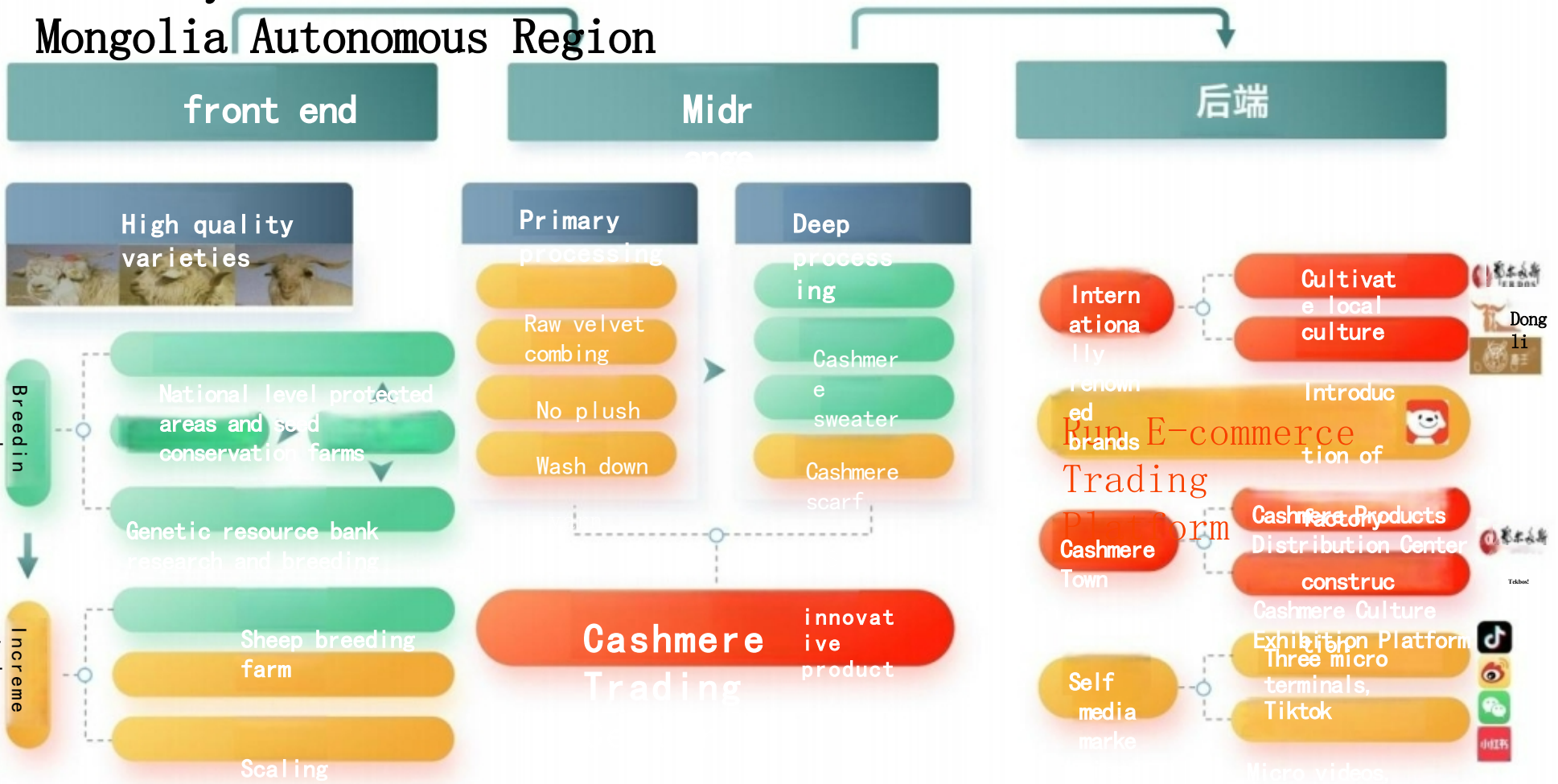
# Panorama of Inner Mongolia Potato Industry Chain







# Panorama of Cashmere Industry Chain in Inner Mongolia Autonomous Region



Legend for production capacity:

- Strong production capacity
- Less production capacity
- Production capacity not yet available

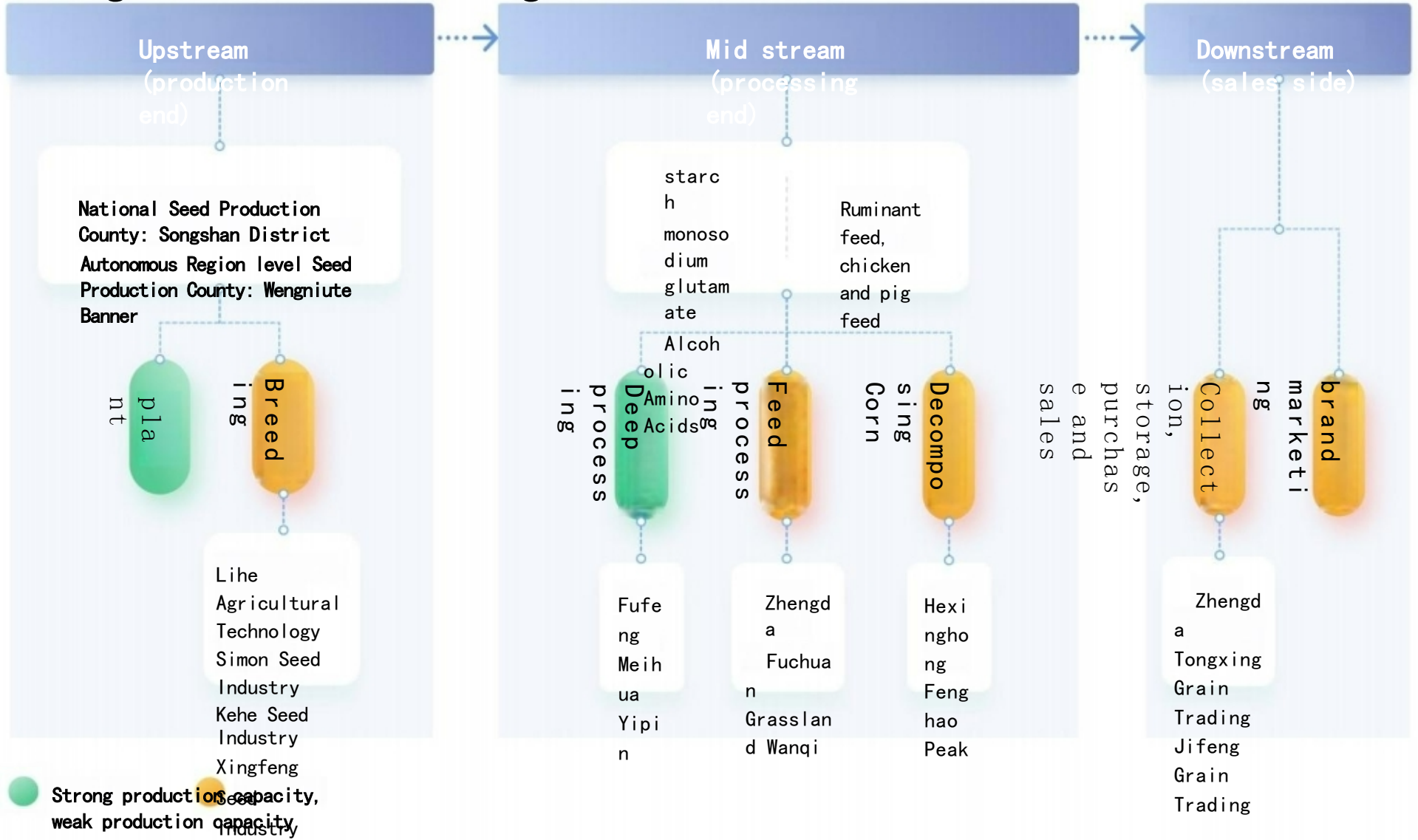


# Prospectus for Investment Promotion in the Cashmere Industry Chain of Inner Mongolia Autonomous Region





# Panorama of the Corn Industry Chain in Inner Mongolia Autonomous Region





# Prospectus for Investment Promotion in the Corn Industry Chain of Inner Mongolia Autonomous Region

Upstream (basic end) midstream (processing end)

## Breeding enterprises

Syngenta Group Yunnan Baiyao Group, Qilu Pharmaceutical, Rhine Biotech  
China Seed Group (Bayannur City, Chifeng City, Xing'an League, etc.)

Shandong Denghai Seed Industry

Hefei Fengle Seed Industry

Gansu Dunhuang Seed Industry Youth Aid Food, Dongguan Yixin Trading, Guangrao  
Lifeng

Yuan Longping Agricultural High tech Biotechnology, Dongming Corn Starch  
Factory, Xiwang Food

Beijing Jinnonghua Seed Industry Technology (Chifeng City, Ordos City, Hohhot  
City, etc.)

Ordos City, Tongliao City)

## Biomedical

Xiame Jindawei, Shenzhou  
Biotechnology, Zhejiang Pharmaceutical

## star ch

## Corn food

China Supply and Marketing Cooperative  
Group, Beijing Shounong Food Group

Shanghaojia Food, Xufuji Food (Ordos

City, Ulaanbaatar City, Hohhot, Shaoxing

Food Biotechnology, Beijing

Jinggengtianxia Agricultural

Technology (Baotou City, Bayannur

City, Hohhot City, etc.)

## other

Downstream (sales  
side)

## Agricultural research products

COFCO Biotechnology Co., Ltd.  
(Tongliao City)

## food

Tangshan Hongfeng Food Co., Ltd.  
(Baotou City)

## logistics

COFCO Group, China Hualiang  
Logistics Group, Beidahuang Grain  
Logistics, Beijing Shounong Food  
Group (Tongliao City, Chifeng City,  
Ulanqab City)

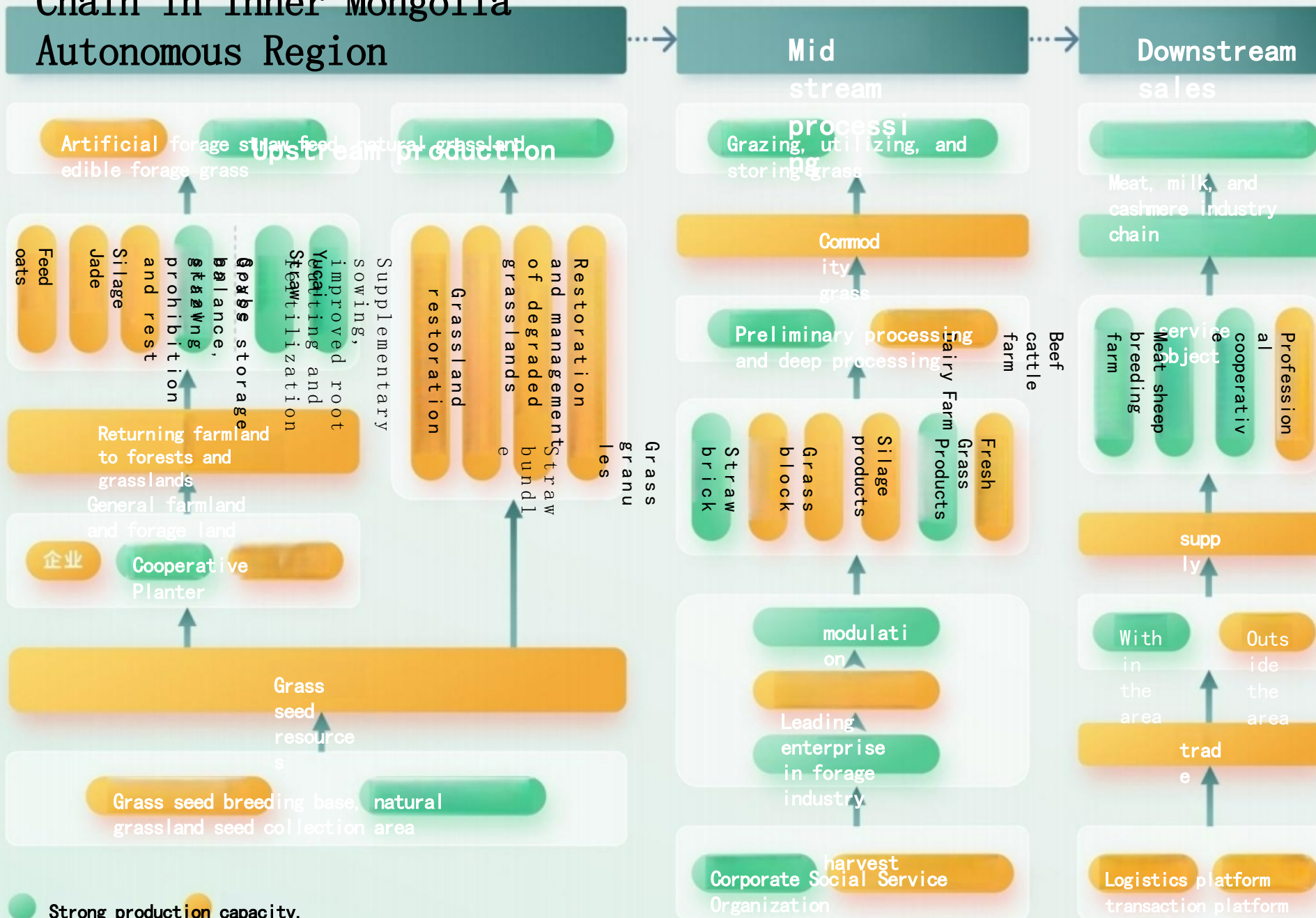
## futures market

Dalian Commodity Exchange (DCE)

Panorama of the Corn Industry Chain in Inner  
Mongolia Autonomous Region during the Tenth  
Five Year Plan Period



# Panorama of Grass Industry Chain in Inner Mongolia Autonomous Region



● Strong production capacity, weak production capacity



# Prospectus for Investment Promotion of Grass Industry Chain in Inner Mongolia Autonomous Region

Firstly, cultivate leading enterprises in the area, focusing on production, processing, and sales, and support the growth of Mengcao Ecological Environment (Group) Co., Ltd. and Inner Mongolia

Grass leading enterprises such as Caodu Grass and Animal Husbandry Co., Ltd. and Inner Mongolia Zhengshi Ecological Agriculture (Group) Co., Ltd., combined with the investment prospect map, if necessary, anchor the investment of top enterprises in the country while promoting joint expansion, and fill the gaps in the development of the grass industry chain.

## upstream

- Crowo (Beijing) Ecological Technology Co., Ltd
- Beijing Zhengdao Seed Industry Co., Ltd
- Jiuquan Daye Seed Industry Co., Ltd
- Syngenta China Limited (Sinochem MAP)
- Gansu Yumen Zhicheng Sanhe Grass Industry Co., Ltd
- Gansu Yasheng Pastoral Pastoral Grass Industry Group Co., Ltd

## middle reaction

- Linqing Longshan Hydraulic Machinery Manufacturing Co., Ltd
- Yumen Zhicheng Sanhe Forage Technology Development Co., Ltd
- Gansu Yasheng Pastoral Pastoral Grass Industry Group Co., Ltd
- Beijing Purimu Agricultural Technology Co., Ltd
- Jiangsu Zhengchang Grain Machinery Co., Ltd

## downstream

- Syngenta China Limited (Sinochem MAP)
- Crowo (Beijing) Ecological Technology Co., Ltd
- Jiuquan Daye Seed Industry Co., Ltd