

Catalogue of encouraged industries in the western region (2025 edition).

In order to promote the formation of a new pattern for the large-scale development of the western region, promote the development of characteristic and advantageous industries, develop emerging industries according to local conditions, and accelerate industrial transformation and upgrading, a catalogue has been formulated 🎧.

🎧 The catalogue includes two parts, one is the encouraged industries in the national existing industry catalogue, and the other is the new encouraged industries in the western region.

Under the premise of complying with the market access policy, 🎧 the catalogue is in principle applicable to enterprises producing and operating in the western region, among which foreign-invested enterprises are implemented in accordance with the "Catalogue of Industries Encouraged by Foreign Investment".

1. Encouraged industries in the national existing industrial catalogue

(1) Encouraged industries in the "Industrial Structure Adjustment Guidance Catalogue".

(2) Industries listed in the Catalogue of Industries Encouraged for Foreign Investment. The above catalogue is implemented according to the latest revised version 🎧.

2. New encouraged industries in the western region

The newly added encouraged industries in the western region are classified according to provinces, autonomous regions and municipalities directly under the Central Government, and are applicable to domestically funded enterprises producing and operating in the corresponding provinces, autonomous regions and municipalities directly under the Central Government, and are revised in a timely manner according to the actual situation. Industries with capacity policy requirements must implement relevant regulations on capacity replacement. If the listed industries are clearly restricted, eliminated, and prohibited by the "Industrial Structure Adjustment Guidance Catalogue" and other relevant national industrial catalogues, their encouraged attributes will naturally be exempted and will no longer be encouraged industries in the

western region.

(1) Chongqing City

1. Development of selenium-rich characteristic agricultural and forestry products, development and deep processing of citrus, lemon, grapefruit, edible mushrooms, sericulture, Chinese medicinal materials, mustard, peppercorns and other characteristic agricultural and forestry products

2. Landscaping seedling production

3. It is suitable for the research and development and manufacturing of small and medium-sized agricultural machinery such as micro-cultivators, tractors, crop planting and harvesting in hilly and mountainous areas, agricultural and forestry construction machinery and related parts required for farmland construction and forestry production

4. The development and production of new energy-saving, soundproof, fireproof doors, windows and accessories, and the production of prefabricated building components of energy-saving and environmentally friendly materials

5. Cosmetics manufacturing

6. Virtual reality (VR), ~~AR~~, ~~MR~~ and other immersive interactive entertainment facilities and equipment, digital stage lighting, intelligent audio-visual, river yachts, digital printing, toys, cultural supplies and other

cultural tourism equipment and supplies research and development

7. Technology development and equipment manufacturing in precision processing industries such as clock timekeeping and jewelry processing

8. Development and production of teaching aids and teaching instruments

9. Development and production of generic drugs, novel compound drugs or active ingredient drugs, APIs of high value-added preparation products and their key intermediates that have passed the quality and efficacy consistency evaluation of generic drugs

10. R&D and manufacturing of radiopharmaceuticals, artificial organs, blood products, etc., wound repair and rehabilitation equipment, in vitro diagnostic and point-of-care (POCT) instruments, molecular detectors and other products and instrument components R&D and manufacturing

11. The iron oxide (Fe_2O_3) content does not exceed 0.02% for high-grade glass production, special

ceramics, furnishing art ceramics

12. Production of new chemical materials (new chemical materials industry in the Taxonomy of Industrial Strategic Emerging Industries)

13. Production of high-performance fibers and composites

14. Deep processing of metal minerals such as strontium ore (azure stone), deep processing of non-metallic minerals such as rock salt, fluorite, natural marble (facing stone), and 10 million tons/year and above machine-made sand and gravel projects

15. Electric arc furnace short-process steelmaking (nominal capacity of 100 tons and above, alloy steel 50 tons and above)

16. Recycled aluminum, recycled copper processing, and aluminum processing and copper processing projects that do not involve smelting and casting processes


17. Technology research and development and product production of light alloy materials (including aluminum, magnesium, titanium, lithium, zirconium, nickel, manganese and other alloys) for industries such as automobiles, motorcycles, electronic information, intelligent equipment, rail transit, aerospace, biomedicine, new energy and new

energy storage

18. Auto parts manufacturing
19. Motorcycle and important parts manufacturing
20. R&D and manufacturing of key marine components
21. Automobile refueling, charging and swapping,
hydrogen refueling, vehicle-road collaboration, R&D,
manufacturing and facility operation of intelligent
three-dimensional transportation equipment
22. R&D and manufacturing of high-voltage power
transmission and transformation and control
equipment
23. Elevator manufacturing
24. R&D and manufacturing of radar, navigation special
equipment and its parts, Beidou satellite technology

Integration, remote sensing, communication, and navigation technology development

25. Manufacturing of key components of household appliances such as compressors, motors, frequency converters, magnetrons, etc. that have achieved first-class energy efficiency

26. R&D and manufacturing of computers (including notebook  computers, tablet computers, all-in-one computers, workstations, servers, industrial control computers, embedded computers, etc.), communication products and key components

27. R&D and manufacturing of passive electronic components, power semiconductors and other products

28. Metal-organic framework materials (MOFs), ~~new~~ special non-metallic materials, special rubber materials, and the R&D and production of third- and fourth-generation compound semiconductors

29. R&D and manufacturing of active matrix organic light-emitting diodes (AMOLED), ~~new~~ COFs

30. R&D and manufacturing of mine safety instruments and mine emergency rescue equipment

31. Development and manufacture of nuclear equipment, high-precision nuclear instruments and instruments

32. wind power, photovoltaics, pumped storage, and new energy storage stations are operated
33. Highway, railway, waterway, air passenger and freight transportation
34. Modern logistics projects such as warehousing, freight forwarding, shipping agency, packaging, loading and unloading, handling, circulation and processing, consolidation and distribution, distribution, multimodal transport services, supply chain services and documents, construction and operation of port logistics facilities, and construction and operation of rural logistics comprehensive service system
35. 5G, mobile Internet, Internet of Things, industrial Internet, big data, artificial intelligence, blockchain, satellite Internet, metaverse technology development and application, network technology and product development and application, construction and operation of green data centers and computing power centers in national computing power hub nodes

battalion

36. Automotive software, industry application software, open source software, mathematical software product research and development
37. Serve the "three rural", small and micro enterprises, and individual industrial and commercial households with microfinance services
38. Non-financial institution payment services
39. Service outsourcing (in the key development areas of the national service outsourcing industry)
40. Development and application of industrial waste heat, residual pressure, differential pressure and gas generation comprehensive utilization technology
41. urban and rural domestic sewage, black and odorous water bodies, domestic garbage and toilet revolution, etc

Development and application of technologies related to urban and rural living environment improvement, risk control and restoration of industrial enterprise sites, and development and application of groundwater pollution prevention and control technologies for shale gas extraction

42. Disease diagnosis and treatment services provided by hospitals, health centers, clinics, etc
43. Drug screening platform, clinical technology

transformation platform, safety evaluation center, pilot scale-up platform, engineering transformation center, R&D customization platform, commissioned production platform, public testing center and other third-party technical service platforms to meet the needs of drug and medical device product research and development and production

44. Arts and Skills Training (Music, Performing Arts, Fine Arts, Design and Traditional Crafts)

45. product development such as online literature, digital exhibitions, knowledge payment, and video games

46. Tourism development of characteristic geological and cultural villages, sightseeing tourism, hot spring health care and other services

(2) Sichuan Province

1. Production and deep processing of tea, vegetables, Chinese medicinal materials, fruits, sericulture, and aquatic products

2. R&D, application and equipment manufacturing of agricultural product quality and safety testing technology

3. The construction and operation of primary processing facilities such as storage, preservation, and drying of agricultural products

4. Seed production and processing machinery, drying equipment manufacturing
5. It is suitable for the research and development and manufacturing of small and medium-sized agricultural machinery such as micro-cultivators, tractors, crop planting and harvesting in hilly and mountainous areas, agricultural construction machinery and related parts required for farmland construction
6. Fruit wine manufacturing, glutinous red sorghum planting
7. The production and processing of hot pot bases, hot pot seasonings, hot pot fresh dishes, cooked semi-finished products, and hot pot utensils
8. Digital, intelligent and green textile, shoe and clothing processing
9. timber reserve processing and trading, production and deep processing of bamboo products, production and processing of characteristic economic forest products
10. Development and production of educational technology equipment
11. Stomatology equipment and appliance manufacturing
12. Rehabilitation aid manufacturing
13. Production of portable oxygen generation and oxygen

supply products

14. R&D and production of traditional Chinese medicine preparations in medical institutions
15. Animal and plant medicinal materials quality assurance technology and product research and development, production and processing
16. Development and production of energy-saving and environmentally friendly aluminum alloy formwork products for buildings
17. high-end glass deep processing such as safety glass and energy-saving glass
18. 40,000 tons/year and above carbon black new process development and application
19. Development and production of new carbon materials such as graphene and nanocarbon materials, fine-structured graphite, and lithium battery anode
20. Titanium and titanium alloy smelting and deep processing, advanced manufacturing technology and application of high-quality titanium raw materials ($\text{CaO}+\text{MgO}\leq 1.5\%$) 50,000 tons/year and above (electric furnace).

capacity $\geq 25000\text{kVA}$), high-salt wastewater treatment

21. Vanadium-titanium magnetite blast furnace-converter smelting process (vanadium-titanium magnetite into the furnace ratio

$\geq 60\%$).

22. Development and application of vanadium oxide cleaner production technology (zero discharge of wastewater/slag) of more than 3000 tons/year

23. Electric arc furnace short-process steelmaking (nominal capacity of 100 tons and above, alloy steel 50 tons and above).

24. Green Aluminum Industry (Production, Deep Processing)

25. Tungsten molybdenum products and tungsten molybdenum wire materials

26. R&D and production of new materials for high-performance rare earth polishing and new materials for high-performance rare earth hydrogen storage, and development, production and application of rare earth functional materials and devices such as high-performance rare earth permanent magnets, luminescence, catalysis, and alloys

27. Development and manufacture of high-precision nuclear instruments and instruments

28. Development and manufacturing of reconnaissance,

protection, disinfection and other chemical emergency equipment in nuclear, chemical, biological and other fields

29. R&D and manufacturing of all-vanadium flow batteries

30. Development and production of high-efficiency solar cell module technology

31. Compressed natural gas (CNG) vehicle refueling station complete sets of equipment and devices (CNG vehicle gas storage cylinders, compressors, high-pressure underground gas storage wells, gas storage tanks, deep dehydration devices, desulfurization tanks, condensation pipes, oil-water separators, etc.) manufacturing and application, liquefied natural gas (LNG).

Manufacturing and application of complete sets of equipment and devices for automobile refueling stations

32. Shale gas equipment manufacturing and oil and gas technology engineering services

33. R&D and manufacturing of 40MW and above gas turbines and key auxiliary equipment, and R&D and equipment manufacturing of small gas turbines for distributed energy

34. R&D and manufacturing of industrial machine tools

35. Auto parts and accessories manufacturing

36. Radio test instruments, radio monitoring systems or equipment, satellite communications/navigation

/R&D and production of remote sensing equipment, millimeter-wave radar, and RF front-end components

37. R&D and production of silicon optical integrated circuit chips, optical splitters, optical fiber active connectors, optoelectronic transceiver modules, and optical network equipment

38. R&D and manufacturing of high-generation liquid crystal displays (LCDs)

39. Fiber laser equipment and fiber laser processing and manufacturing

40. Wind power and photovoltaic station operation

41. Road passenger transportation, road, waterway, railway

cargo transportation, warehousing, transportation, freight forwarding, packaging, loading and unloading, handling, circulation processing, distribution and other integrated services, village-level express logistics comprehensive service station construction and operation

42. Broadband network construction and operation

43. Mobile telecommunications services (5G).

44. Network technology and product development and production

45. Surveying and mapping geographic information services

46. The underlying technology development of the metaverse, animation, games, and digital audio content design and production

47. Serve the "three rural", small and micro enterprises, and individual industrial and commercial households with microfinance services
48. Service outsourcing (in the key development areas of the national service outsourcing industry)
49. Development and application of electronic code technology for traceability of traditional Chinese medicine
50. Disease diagnosis and treatment services provided by hospitals, health centers, clinics, etc
51. Radiomedical technology research and development
52. Development and application of industrial energy-saving and consumption reduction technologies (waste heat, residual pressure, differential pressure, comprehensive utilization of generated gas, etc.)
53. Research and product development of cutting-edge technologies in aviation power
54. The development and application of technologies related to urban and rural living environment improvement, such as domestic sewage treatment in organized towns and the construction of rural domestic waste collection, transportation and disposal systems, the development and application of technologies related to urban domestic sewage treatment in alpine and high-altitude areas, and the

promotion and application of new rural housing construction technologies such as steel structure prefabricated and modern rammed earth technology

55. Forest health care base services

(3) Guizhou Province

1. production and deep processing of agricultural and forestry special products and bamboo products
2. Aromatic plant cultivation, tourism and product processing
3. Agriculture, forestry, fishery and animal husbandry technology promotion services
4. R&D and manufacturing of miniaturized, intelligent, multi-functional, and combined agricultural machinery suitable for hilly and mountainous areas
5. production and processing of ethnic specialty foods
6. Processing and production of national handicrafts, development of national cultural and creative products
7. development and production of natural drinking water and mineral water

8. Development and production of chemical fiber and textile products

9. Development of natural plant fine chemical products (flavors, fragrances, chemical drugs, chemical product intermediates)

10. R&D and production of medical devices (Class II and above active medical equipment, in vitro diagnostic reagents, high-value consumables).

11. Hydrogen processing and manufacturing

12. The comprehensive utilization of "phosphorus-electricity-chemical" integrated resources, the deep exploration of phosphate ore resources and the use of phosphogypsum filling mining technology to produce phosphate ore, and fine phosphorus chemical industry

13. R&D and production of green coal chemical products (including polyoxymethylene, polytetrahydrofuran, acetic acid, syngas oxalate, oxalate hydrogenation, ethylene glycol, compound fertilizer, melamine, dimethyl carbonate (DMC), TA, PGA, acetate copolymer (EVA), MMA, 1,4-butanediol (BDO), etc.).

14. Dolomite fine processing and comprehensive

development and utilization

15. R&D and production of basalt fibers and products

16. stone processing and production

17. R&D and production of silicon-based new materials
(excluding photovoltaic crystalline silicon
materials)

18. R&D and production of new building materials

production equipment and intelligent construction

equipment, and production and processing of non-

dismantling and prefabricated floor slabs of steel

trusses

19. Development and manufacture of supercritical

(temperature above 31.3°C, pressure above 7.38MPa)

extraction device

20. Fly ash storage, transportation and manufacturing
using complete sets of equipment

21. Development and application of coal underground gasification mining technology, and complete sets of coal gasification power generation equipment manufacturing

22. R&D and application of intelligent equipment supporting the 110/N00 construction method for coal mining

23. Manganese deep processing new product development and production, development and comprehensive utilization of manganese carbonate ore of grade 3 and below

24. Aluminum and aluminum deep processing

25. Development of new process technology for titanium smelting (direct production of titanium metal from high titanium slag and rutile electrolysis)

26. advanced process technology equipment and new product development of vanadium deep processing

27. Development and production of high-performance magnesium alloys

28. R&D and production of high-quality easy-cutting steel (harmful impurities $B+C+D$ class \leq grade 4.0, surface defect rate $\leq 1.0\%$, machining cracking rate $\leq 0.05\%$)

29. High-power (rock drilling power ≥ 16.8 kW, impact power ≥ 280 joules) hydraulic trolley rock drilling tools and steel for brazing tools

30. Production of high-quality carbon steel wire
(strength $\geq 1670\text{N/mm}^2$) and its products, and production of
weather-resistant and corrosion-resistant bolt steel


31. R&D and production of heat protection materials
and composite materials for high-speed aircraft, and
manufacturing of special superalloys and parts for
nuclear energy equipment

32. R&D and manufacturing of new materials for membranes
and automated production of membrane components

33. R&D and equipment manufacturing of small and micro gas
turbines below 20MW

34. Elevator manufacturing

35. R&D and manufacturing of hydraulic transmissions

36. Auto parts R&D and manufacturing
37. R&D and manufacturing of notebook  computers, communication products and key components
38. The construction and operation of wind and solar power farms, the operation of pumped storage power stations, the R&D and manufacturing of new energy photovoltaic modules and energy storage integrated equipment
39. Road passenger and road cargo transportation
40. Cross-border trade, international logistics, freight forwarding, cross-border e-commerce, foreign trade comprehensive service industry, warehousing, transportation, freight forwarding, packaging, loading and unloading, handling, circulation processing, distribution and other integrated services, village-level express logistics comprehensive service station construction and operation
41. Information technology outsourcing (ITO~~BPO~~KPO) and other service outsourcing industries
42. Serve the "three rural", small and micro enterprises, and individual industrial and commercial households with microfinance services
43. Disease diagnosis and treatment services provided

by hospitals, health centers, clinics, etc., operated by health care institutions

44. Yi Medicine, Miao Medicine, Dong Medicine, Yao Medicine R&D, production and sales

45. Protection and sustainable use of authentic medicinal resources

(4) Yunnan Province

1. flowers, greening and ornamental seedling cultivation;

Understory economic industries such as the collection of non-woody forest products and the utilization of forest landscapes

2. Rice, corn, oil crops, tea, flowers, vegetables (including edible mushrooms), sericulture, fruits, nuts, coffee, Chinese medicinal materials, cattle and sheep, pigs, poultry, bee products production and deep processing, modern facility agriculture construction, transformation and upgrading, aquaculture, processing, research and development and production of prefabricated vegetables

3. Deep processing of sucrose, comprehensive utilization of by-products such as waste molasses, bagasse, sugarcane leaves, filter mud, and alcohol waste liquid, and production of condiments and fermented products

4. R&D, breeding and production of plateau characteristic agricultural products

5. The research and development and production of natural rubber deep processing products, large radial tire production, and special natural rubber or latex products

6. wood-based panels, furniture manufacturing, wooden crafts, wood and bamboo building construction and other wood processing

7. forage production, development and production of new fertilizers such as water-soluble fertilizers, trace element fertilizers, and microbial fertilizers

8. It is suitable for the research and development and manufacturing of tractors, cultivators, micro-cultivators and rice, corn, potato, sugarcane harvesters and other modern agricultural machinery and tools, the research and development and manufacturing of agricultural product storage, preservation, drying and processing equipment, and the research and development, application and equipment manufacturing of agricultural product quality and safety testing technology

9. Production and processing of baked goods, tea beverages, dairy products, wine, plant protein drinks, coffee beverages, functional beverages rich in natural grass 🎧 ingredients, vitamins, minerals and other functional beverages, and food and beverage packaging production and processing

10. Processing and production of ethnic handicrafts, special supplies for ethnic minorities, and souvenirs of intangible cultural heritage tourism commodities

11. Manufacturing and processing of textiles and clothing, shoes and hats and fabrics, and production of toys and bags

12. Carry out border trade import and export product processing in border counties and cities

13. Integrated production of wood, bamboo, mulberry strips, bagasse and other forest pulp and paper (except newsprint and coated paper🏭)

14. R&D and production of cosmetics and new raw materials, processing of plant extracts such as green thorn fruit, Yunnan red rose, heavy building, notoginseng, and Yunnan camellia, processing of natural and synthetic flavors such as floral, grassy, and woody fragrances, processing of natural fragrances, monomeric fragrances and synthetic fragrances, and rosin

/turpentine deep processing, microalgae deep processing

15. R&D and production of biological drugs, chemical drugs, traditional Chinese medicine and medical devices

16. Comprehensive utilization of mineral resources and equipment manufacturing, comprehensive utilization of coalbed methane resources

17. Petroleum fine chemical, fine phosphorus chemical product development and production, production of new chemical materials such as lithium hexafluorophosphate, electronic grade hydrofluoric acid, electronic grade phosphoric acid, silicone, etc., production of new high-efficiency and environmentally friendly catalysts and additives, production of functional membrane materials, ultra-clean and high-purity reagents, photoresists, electronic gases and other special chemicals manufacturing and deep processing

18. Green building materials manufacturing, phosphogypsum building materials products, new energy-saving wall materials R&D and production, amorphous, durable, energy-saving and environmentally friendly refractory materials, photovoltaic utilization, photovoltaic power generation application building materials R&D and production, new ceramics, energy-saving building ceramics, water-saving sanitary ceramics, bone porcelain, magnesium porcelain and other ceramics, ultra-thin, ultra-large Δ , coloring, energy-saving, safety glass and other high-end glass deep processing, R&D and production of building materials and components, research and development of prefabricated buildings and prefabricated characteristic residential technology

19. Non-ferrous metal product development and deep processing, non-ferrous metal high efficiency, energy saving, low pollution, large-scale recycling and comprehensive utilization

20. Green Aluminum Industry (Production, Deep Processing)

21. R&D and manufacturing of high-quality special steels such as high-performance building structure steel, tool steel, corrosion-resistant steel, stainless steel,

etc., and R&D and manufacturing of automobile plates

22. Liquid metal materials and products, additive manufacturing materials, new inorganic non-metallic materials

materials, advanced basic materials for non-ferrous metals, and new silicon-based materials research and development and production

23. Rare earth deep processing, comprehensive recycling of rare earth resources, R&D and production of new materials such as rare earth permanent magnets, luminescence, crystals, catalysis, high-purity rare earth metals and targets, hydrogen storage, polishing powder, etc., purification and deep processing of rare and precious metals

24. Development and manufacturing of high-efficiency solar cell module technology, development and manufacturing of new energy battery technology such as solar cells, lithium batteries for consumption and energy storage, sodium-ion batteries, hydrogen fuel cells, etc., and lithium battery recycling and reextraction

25. R&D and manufacturing of power generation, transmission and transformation, power supply and distribution and control equipment for special environments (plateau, humid heat, alpine, heavy pollution and other environments), R&D and manufacturing of high-prototype electrical products, complete sets of small and medium-sized hydropower equipment, intelligent large-scale high-

efficiency pumps, and urban drainage equipment

26. Production of bearings, gears, transmission and drive components, production of precision instruments and instruments, manufacturing of wood processing machinery, electronic and electrical machinery, manufacturing of wind turbine equipment and parts, manufacturing of hydro turbine generators and electric motors, transmission and distribution and control equipment such as ultra-high voltage transformers, distribution switch control equipment and other power transmission and control equipment, intelligent power control equipment and cable manufacturing

27. Drive motor and control system, general aviation equipment, industrial machine tool, lifting and transportation equipment manufacturing, mining, metallurgy, chemical, rubber and other special equipment manufacturing, printing special equipment manufacturing, mechanical and electrical product remanufacturing, ropeway cable car, amusement facilities and other tourism equipment manufacturing, high-quality casting, optical machinery manufacturing, mine safety instruments, mine emergency rescue equipment research and development and manufacturing, clock timekeeping, jewelry processing and

other precision processing industry technology development and equipment manufacturing

28. Rail transit special equipment manufacturing, urban rail vehicle assembly and maintenance, rail transit electrical control, data collection and communication, equipment operation and maintenance management system research and development and application, automobile refueling (CNG/LNG),

R&D, manufacturing and facility operation of transportation equipment, development and production of new materials for highway engineering maintenance

29. Continuous extraction, concentration, preparation equipment and quality control equipment for the whole process of traditional Chinese medicine, digital and intelligent production equipment for biological products, medical imaging, life support equipment for acute and critical illness, artificial intelligence-assisted medicine, mobile and remote diagnosis and treatment equipment, implanted interventional products, rehabilitation aids and other medical equipment and equipment manufacturing

30. Auto parts and accessories manufacturing, internal combustion engines and accessories, diesel vehicle engines and parts, motorcycles (including electric motorcycles) and supporting parts manufacturing, auto parts remanufacturing

31. Flight equipment manufacturing, flight simulator and other aircraft manufacturing and engine core components manufacturing, power system, flight platform control system, mission load system and other mechanical and electrical system research and development, aviation VR

equipment and other software and hardware system research and development, general aviation related services

32. Computer hardware, industrial control computer and system manufacturing, communication system equipment manufacturing, smart phones, tablet computers, smart wearables, driving recorders, intelligent navigation equipment, security electronic products, machine translation equipment, IoT sensing equipment, televisions, 4K cameras, monitors and other terminal equipment and their parts, electronic materials and electronic components, semiconductor integrated circuit materials production

33. Vacuum cleaners, humidifiers, sweepers and other cleaning appliances, microwave ovens, rice cookers, soy milk machines, juicers and other small kitchen appliances, audio products manufacturing and processing

34. Manufacturing of water pollution and air pollution prevention and control equipment, soil pollution control and restoration equipment, solid waste treatment and disposal equipment manufacturing, environmental pollution treatment agents and materials research

Production and production, harmless treatment and operation of food waste, R&D and production of organic waste biological treatment equipment and mobile crushing and screening systems

35. Harmless treatment and disposal of industrial solid waste, comprehensive utilization and equipment manufacturing, development and application of industrial energy conservation and consumption reduction technologies (waste heat, residual pressure, residual gas, etc.)

36. The recycling of the industrial chain and the efficient utilization of resources in the park, the centralized transformation of pollution control in the park, and the cleaner production transformation of key industries in the park (within the scope of the "Green Industry Guidance Catalogue")

37. Recycling of waste resources, comprehensive utilization of crop straw carbonization and ammonia

38. construction and operation of wind and solar power farms, and recycling of decommissioned wind power, photovoltaic, solar thermal and energy storage equipment

39. The construction and operation of metering leakage control in urban water supply pipe networks, and the

integrated operation of rural water supply security and urban and rural water supply

40. Road passenger transportation, road, railway, waterway cargo transportation and multimodal transport

41. Warehousing, transportation, freight forwarding, packaging, loading and unloading, handling, circulation processing, distribution, multimodal transport services, supply chain services and other modern logistics project operation, highway and railway freight stations, yards and multimodal transport facilities operation, port logistics facility construction and operation, village-level express logistics comprehensive service station construction and operation

42. Artificial intelligence large models, generative artificial intelligence and other application research and development and big data management

reason

43. Serve the "three rural", small and micro enterprises, and individual industrial and commercial households with microfinance services

44. Service outsourcing, including information technology research and development services, information technology operation and maintenance

services, new generation information technology development, internal management services, business

operation services, maintenance

Maintenance services, design services, R&D services

45. Disease diagnosis and treatment services provided by hospitals, health centers, clinics, etc

46. The development and operation of third-party technical service platforms such as drug screening platforms, clinical technology transformation platforms, safety evaluation centers, pilot scale-up platforms, engineering transformation centers, R&D customization platforms, commissioned production platforms, and public testing centers to meet the needs of drug and medical device product research and development and production

47. Technology development of high-standard gasoline and diesel products

48. Development and application of land consolidation, restoration and evaluation technologies such as agricultural land, ecological land, polluted land, and abandoned industrial and mining land

49. Development and application of pollution prevention and control technology in plateau lakes and key river basins

50. Tourist attraction infrastructure and supporting facilities operation, tourism information services, travel agency services and operations

(5) Tibet Autonomous Region

1. Characteristic agriculture, forestry and livestock breeding and breeding, characteristic agriculture, forestry, livestock and fishery and by-product production and processing
2. Scientific research on native tree species in Tibet, planting and processing of sand plants, research and development and production of landscaping seedlings
3. Tibetan specialty food processing, beverage processing, bottled (canned) drinking water production and processing, food and beverage outer packaging production and processing
4. Processing and production of national handicrafts, design, production and sales of national costumes and national musical instruments
sell
5. The construction and development of border trade industry (border trade market construction, border trade enterprise cultivation) is in

Border counties and cities carry out the processing of import and export products for border trade, and the construction and operation of communication in border counties

6. Wine, beverage and refined tea manufacturing, leather and its products manufacturing and footwear industry, wood processing industry, furniture manufacturing industry
7. R&D, production and sales of traditional Chinese (Tibetan) medicine, and deep processing of natural medicines, APIs, proprietary Chinese medicines, chemical drugs and biomedicines
8. Plateau multi-functional series cooking stove research and development, production
9. Research on the exploration, development and utilization of combustible ice in alpine permafrost, solar energy, wind energy, hydrogen energy, geothermal energy power generation, geothermal energy exploration and energy storage system detection and operation
10. Clean energy equipment and material manufacturing, clean energy hydrogen and oxygen production, new energy storage industry, energy storage battery assembly, clean energy + characteristic agriculture and animal husbandry, clean energy + ecological restoration, new energy vehicle charging pile construction
11. Jade jewelry mining and processing, marble, granite and other stone development and processing
12. Research, development and application of new

building materials and prefabricated building materials, R&D and production of new wall materials, development and production of new materials for highway engineering maintenance

13. Exploration and comprehensive development and utilization of strategic mineral resources such as copper, lithium, chromium, and gold and scarce minerals, as well as comprehensive utilization of solid waste from associated mines and tailings ponds

14. Oxygen supply equipment manufacturing

15. Robot development and assembly suitable for plateaus

16. Amphibious aircraft and drones have been developed, manufactured and industrialized

17. Electricity, heat, gas and water production and supply

18. Housing, civil engineering construction, building installation, building decoration, decoration and other construction industries

19. Construction and operation of port logistics facilities, warehousing, freight forwarding, packaging, loading and unloading, and flow

Processing and distribution services, and the construction and operation of village-level express logistics comprehensive service stations

20. Urban roads and bridges and municipal utilities such as water supply, heating, sewage and garbage disposal are operated, and solar and wind energy highway lighting is used

21. Wholesale of agricultural, forestry, animal husbandry and fishery products, wholesale of Chinese (Tibetan) medicinal materials, wholesale of mineral products, building materials and chemical products, wholesale and special retail of food, beverage and tobacco products, wholesale and special retail of textiles, clothing and daily necessities, wholesale and special retail of culture, sporting goods and equipment, wholesale and special retail of medicine and medical equipment, and comprehensive retail

22. Road passenger and road cargo transportation

23. Accommodation and catering

24. Three-network convergence business platform, communication, cable TV network upgrading and equipment manufacturing

25. 5G, mobile Internet, industrial Internet, Internet of Things, broadband network construction and operation, artificial intelligence and blockchain technology research and development

26. Information infrastructure, convergence infrastructure, innovation infrastructure operation, big data, cloud computing, information technology services and blockchain information services within the scope permitted by the state

27. Software research and development and software testing, integrated circuit design, information system integration services, Internet of Things technology services, information processing and storage support services

28. Serve the "three rural", small and micro enterprises, and individual industrial and commercial households with microfinance services

29. Service outsourcing (in the key development areas of the national service outsourcing industry)

30. Scientific research and decision-making evaluation services, natural science research and experimental development, engineering and technology research and experimental development, agricultural scientific research and experimental development, medical research and

experimental development, social and humanistic research,
intellectual property services, science and technology
intermediary services

31. Development and application of natural resources and surveying and mapping geographic information technology
32. Development and application of natural disaster exploration, monitoring and treatment technology
33. Development and application of traceability technology for characteristic products
34. Resident services, repairs, and other services
35. Energy saving service industry
36. Legal services, consulting and investigation, human resources services, security protection services, science and technology exhibition services, tourism exhibition services, sports exhibition services, cultural exhibition services, travel agencies and related services, packaging services, office services, translation services, ticketing agency services
37. Secondary vocational education, higher education, skills training, educational assistance and other educational service industries
38. Disease diagnosis and treatment services provided by hospitals, health centers, clinics, etc., and medical and health care for altitude sickness
39. Radio and television integrated broadcast control,

recording and production, literary and artistic creation and performance, cultural relics protection, art performance venues, libraries and archives, museums, martyrs' cemeteries, memorial halls, mass cultural and sports activities and other cultural and artistic services

40. Printing and recording media reproduction

41. Sports organizations, sports venue facility management, fitness and leisure activities, sports intermediary agency services, sports and health services

42. Development of characteristic tourism resources, tourism, leisure and vacation, tourism and health care, hot spring health care and other services, AAA and above tourist attractions, star-rated tourist hotels, travel agencies, tourism agriculture, leisure agriculture

43. General aviation flight equipment R&D, manufacturing, testing, operation and maintenance, general aviation

Production (agriculture, surveying and mapping, aerial photography, rescue, rescue), tourism, sports activities and other aviation services

(6) Shaanxi Province

1. Facility agriculture such as shed cultivation, planting, production and processing of regional characteristic products such as apples, citrus, kiwifruit, grapes, pomegranates, tea, small grains, konjac, edible mushrooms, sericulture, and traditional Chinese medicinal materials, the production and deep processing of aquatic products, forest products, medicinal and food homologous products, and the deep processing and manufacturing of dairy goats, dairy sheep, forest musk deer breeding and goat milk

2. Modern planting and breeding, modern seed industry (Chinese herbal medicine breeding) R&D and production, agricultural brand cultivation, agricultural product processing, rural new service industry, modern agricultural technology innovation

3. Organic-inorganic compound fertilizer production

4. It is suitable for the research and development and manufacturing of small and medium-sized agricultural machinery such as micro-cultivators, tractors, crop planting

and harvesting in hilly and mountainous areas, agricultural construction machinery and related parts required for farmland construction

5. Development and production of teaching aids, teaching instruments and cultural and health supplies

6. Carry out clean and efficient utilization of coal, and produce olefin systems, aromatic hydrocarbons, olefins, and aromatic combined products

7. Comprehensive utilization of multi-element symbiotic ore and tailings resources, exploration and development of strategic mineral resources and scarce minerals

8. On-site deep processing of organic chemical raw materials produced by large-scale oil refining, ethylene and aromatic hydrocarbon production units, and the development and production of new and environmentally friendly oilfield chemicals (carbon dioxide and new reagent oil and gas displacement) technology, all polyoxymethylendehyde, 60,000 tons/year and above dimethylformamide, 60,000 tons /year and above production of fine chemical products such as polyvinyl alcohol

9. Biological and chemical methods produce degradable materials, including polylactic acid and propylactone-based cocoa

Degradable materials, polybutylene succinate, polyhydroxyalkanoic acid, etc., as well as environmentally friendly materials blended with starch that can be degraded polymer materials, new carbonaceous adsorption materials, biochemicals, etc

10. Manufacturing and deep processing of high-end special chemicals such as high-end polyolefins, electronic chemicals, industrial special gases, special rubber and other polymer materials, high-performance engineering plastics, high-performance fibers, high-performance membrane materials, bio-based materials, biomedical materials, special lubricating greases, catalysts, special polyesters and other high-end special chemicals

11. R&D and manufacturing of key pumps, compressors, control valves, and control valves for major coal chemical, petrochemical and power plant equipment, such as million-ton large-scale ethylene, million-ton large-scale aromatics, and ten-million-ton large-scale oil refining

12. R&D and manufacturing of coal mining machinery and equipment, R&D and manufacturing of petroleum equipment, R&D and manufacturing of power equipment, R&D and manufacturing of casting and forging processes and

equipment, and development and manufacturing of reconnaissance, protection, decontamination and other chemical emergency equipment in the fields of nuclear, chemical, biological and other fields

13. R&D and manufacturing of mine safety instruments and mine emergency rescue equipment, and research and development of mine safety production software products and digital application platforms

14. Construction and operation of oil, gas, electricity and other energy reserve facilities and systems

15. The development of new energy equipment such as coalbed methane gas power stations and box-type mobile power stations

16. Wind power, photovoltaic, hydrogen energy, geothermal, biomass and other new energy, new energy storage and related device manufacturing industries, wind farm construction and operation (except Qinling area), onshore wind turbine equipment manufacturing, solar photovoltaic power generation system testing, construction and operation, geothermal energy exploration, development and utilization, geothermal, hydrogen energy and other new energy industry operation services, hydropower-related device manufacturing

industry, installed capacity 4 Operation pipe of 10,000
kilowatts and above green small hydropower stations

The manufacturing of key equipment for new energy storage power stations, the operation of integrated energy supply service facilities, the application of integrated energy technology such as cooling, heating, electricity, and gas to synergize and assist each other, and the operation of urban clean heating facilities

17. The comprehensive utilization of bulk solid waste in coal-fired power plants and the production of high-content fly ash building materials products, including the production of sintered bricks with a dosage of 70% or more of fly ash, the production of ceramsite products with a dosage of 85% and above, and the production of concrete with a dosage of 25% and above, and 30% and above to produce other building materials products (except cement).

18. Development and application of industrial energy-saving and consumption-reducing technologies (waste heat, residual pressure, differential pressure, gas generation, etc. ~~XXXXXX~~)

19. Manufacture of high-efficiency micro-discharge coal-fired boilers, high-efficiency coal-sludge composite circulating fluidized bed industrial steam/hot water boilers, flue gas waste heat boilers, automatic gas (oil) hot water/steam

boilers and other boilers (better than national standards).

20. New energy materials, titanium, zirconium, nickel, magnesium, lithium, zinc, molybdenum, tungsten, vanadium and other special alloy materials, special non-metallic materials, special rubber materials, high silicon oxygen glass fiber, superalloys, 3D printing materials, superconducting materials, special ceramics, graphene, electronic grade hydrofluoric acid, electronic grade high-purity ammonia, absorbing materials, energetic materials and other new materials (excluding mining and beneficiation).

21. The development and production of composite materials and laser protective materials, composite material processing equipment and composite material recycling

22. The new construction industry mainly includes the research and development and production of concrete prefabricated parts (PC~~XXXX~~)

Research and promotion, construction waste reduction, new construction technology and other processes, new wall materials, new waterproof sealing materials, new thermal insulation materials and decoration materials and other environmental protection materials research and development and promotion

23. Asbestos-free fiber-reinforced calcium silicate board (lightweight wall panel, pre-coated decorative board, exterior wall moisturizing integrated board, etc.) system products are developed, and spunlace non-woven fabrics are used to produce high-grade hygiene materials, flushable wet toilet paper, wet wipes, dry wipes and functional wipes

24. Development and production of high-performance magnesium alloys, deep processing of titanium

25. R&D and production of nuclear radiation processing, nuclear irradiation industry, radioisotope production and R&D, light radiation shielding materials, nuclear-grade zirconium materials, etc

26. R&D and manufacturing of industrial machine tools (subtractive manufacturing equipment, equal material manufacturing equipment and additive manufacturing equipment).

27. Robot and key parts manufacturing, industrial robots, industrial robot precision harmonic reducers, electric servo systems, permanent magnet AC servo motors, high-precision direct drive torque motors, brushless resolvers and other intelligent equipment development

28. Commercial aerospace and related supporting facilities, general aviation (helicopters, drones) industry production and operation services

29. The development of a new generation of space launch vehicle engines, the construction of measurement and operation control systems, etc., the research and development and manufacturing of space vehicle payloads and electronic systems and equipment

30. Automobile engines, hydraulic automatic transmissions (ATs~~MTs~~AMTs~~CVTs~~), disc brakes, clutches, synchronizers, power take-offs, gears, forgings, castings and other auto parts , RV reducer,

Commercial Vehicle Brake Anti-lock System (ABS), PMS, SR, EBS, DAS) and automotive electronic products such as core components of active and passive safety systems, automotive drive motors, motor controllers, fuel cell stacks, engines, automotive chips, wiring harnesses, lightweight wheels, air conditioners, high-end seats, tires, charging piles, Internet of Vehicles systems, and lamps

31. R&D and manufacturing of auto parts, R&D and production of key components such as electric drive systems, chassis systems, intelligent driving operating systems, and high-power fuel cell stacks for new energy vehicles, R&D and production of common basic technologies and equipment such as vehicle-grade chips, basic software, key materials, high-end manufacturing and testing equipment for new energy vehicles, R&D and production of key components, battery materials, displays and hosts for new energy vehicles, and operation of charging and swapping facilities for new energy vehicles

32. Semiconductors, integrated circuits, connectors, sensors, artificial intelligence processors, new electronic components, high-end chip development and production,

third-generation compound semiconductor, high-power semiconductor laser chip research and development, compound semiconductor epitaxial growth and chip production

33. The development and production of electronic materials such as semiconductor materials and new photovoltaic materials, the design and manufacture of high-power metal-oxide semiconductor field-effect transistors (MOSFET) and insulated gate bipolar transistors (IGBT) devices, low-temperature co-fired ceramics (LTCC) filters, and multi-chip components (MCMs).
② membrane communication power supply, piezoelectric drive and other products

34. Beidou satellite navigation and spatio-temporal information industry, satellite application services such as remote sensing, communication, navigation, greenhouse gas measurement, radar, communication, navigation and other special equipment development and production,

R&D of software and hardware for autonomous driving and vehicle-road collaboration, R&D and production of smart terminal products and key components such as smartphones and tablets

35. warehousing, transportation, freight forwarding, packaging, loading and unloading, handling, circulation processing, distribution and other services, and the construction and operation of village-level express logistics comprehensive service stations

36. Logistics related warehousing facility construction and commercial services, agricultural product logistics industry

37. Broadband network construction and operation

38. Information and innovation industry (localization), R&D, adaptation and intelligent application of commercial software and hardware, network and data security product R&D, green transportation, intelligent transportation technology and equipment R&D and manufacturing, and operation, maintenance and maintenance of rail transit in medium and low-volume cities

39. 5G, artificial intelligence, Internet of Things, big data, cloud computing, industrial Internet, satellite

Internet construction

40. Serve the "three rural", small and micro enterprises, and individual industrial and commercial households with microfinance services
41. Service outsourcing (in the key development areas of the national service outsourcing industry)
42. Geological disaster exploration, monitoring, and treatment technology development and equipment manufacturing
43. R&D and equipment manufacturing of territorial space environmental pollution remediation technology, and development and application of mine geological environment treatment technology
44. The treatment and disposal of sewage sludge and its purified utilization activities, solid waste treatment, hazardous waste treatment, deep processing and comprehensive utilization of industrial waste
45. Development and application of land consolidation, restoration and evaluation technologies such as agricultural land, ecological land, polluted land, and abandoned industrial and mining land
46. The construction and operation of unconventional water treatment, utilization, transmission and distribution projects such as reclaimed water, rainwater

collection, and mine (well) water, as well as the research and development, manufacturing and promotion of water-saving products, and the recycling of water resources

Use and water conservation

47. R&D and manufacturing of micro-consumption electric heating and cooling air conditioning systems that exceed first-class energy efficiency
48. Disease diagnosis and treatment services provided by hospitals, health centers, clinics, etc
49. The "five helps" service industry such as meal assistance, bathing assistance, cleaning assistance, medical assistance, and walking assistance for the elderly, R&D and production of elderly products, transformation of scientific research results, and health care for the elderly
50. New formats such as cultural tourism, eco-tourism, rural tourism, industrial tourism, and ethnic tourism, as well as the production and processing of performing arts, immersive experiences, intangible cultural heritage, cultural and creative products and tourism commodities, and the comprehensive development of tourism-related resources such as digital culture (online audio-visual, animation and games)

(7) Gansu Province

1. High-quality wine grape planting and brewing, potato deep processing technology research and development and

industrialization, beef, mutton, milk and other livestock products deep processing and comprehensive utilization processing

2. R&D, production and deep processing of forest and grass products

3. Gansu authentic Chinese herbal medicine germplasm resource garden (bank), new variety breeding and high-quality raw materials production base and the construction of the whole industry chain traceability system, authentic Chinese herbal medicine processing and product research and development and transformation application

4. R&D, production and sales of traditional Chinese (Tibetan) medicine, deep processing of natural medicines and proprietary Chinese medicines, deep processing of medicinal and food homologous health products (including food, cultural and creative products, etc.), R&D and production of pharmaceutical intermediates, APIs and preparations required for the treatment of major diseases

5. The manufacturing and upgrading of seed (seedling) propagation (breeding) processing machinery and seed drying equipment are suitable for the research and development and production of micro-cultivators, Chinese medicinal materials and crop planting and harvesting machinery, water and

fertilizer integration equipment, and residual film
recovery equipment in hilly areas

6. R&D and industrialization of green, safe and efficient mining technology in mines, development and utilization of safe, high-yield and efficient coal mining technology, construction and production of safe and efficient coal mines (including mines and open-pit) of 3 million tons/year and above (1.5 million tons/year and above of coking coal).

7. R&D and production of new petrochemical and chemical materials (including medical polymers, ultra-high molecular weight polyethylene, carboxynyl nitrile rubber and polyacrylate rubber, special isocyanate and polyurethane materials, electronic grade ultra-pure lithium fluoride, special lubricating materials, special coatings, polymer material additives and other new materials)

8. Organic peroxide production, electronic grade hydrogen fluoride (HF) production

9. Asbestos wet flotation modification process application

10. Development and production of high-efficiency and environmentally friendly new fertilizers such as mixed fertilizers, nitro compound fertilizers, synergistic fertilizers, urea ammonium nitrate solution, slow-release fertilizers, water-soluble fertilizers, liquid fertilizers, soil conditioners, humic

acid, alginic acid, amino acids, etc

11. The production of new building materials for machine-made sand and gravel is included in the green building materials product classification certification catalogue and certified green building materials, prefabricated building parts and components

12. High-end carbon materials, including nuclear graphite materials, carbon fiber (graphite carbon fiber, carbon fiber reinforced composites, carbon fiber reinforced metals, reinforced plastics), lithium battery anodes and other new carbon materials, and carbon materials for energy-saving and environmentally friendly large-scale mineral heat furnaces are developed and produced

13. 300,000 tons/year and above closed calcium carbide ore hot furnace advanced process equipment to replace calcium carbide production technology in equal amount

14. R&D and manufacturing of key pumps, control valves and control valves for major coal chemical, petrochemical and power plant equipment such as million tons of ethylene, million tons of aromatic hydrocarbons, and tens of millions of tons of large-scale oil refining

15. Advanced steel, non-ferrous metal casting (forging, electroplating, metal surface treatment and

heat treatment) process and equipment research and development, electric arc furnace short-process steelmaking (nominal capacity of 100 tons and alloy steel 50 tons and above), high-strength construction steel, metal materials for automobiles, electronic information, equipment, rail transit, aerospace and other industries, and new materials such as casting and forging light alloy materials R&D and production

16. carbonyl iron powder, carbonyl nickel powder, carbonyl nickel pellet, carbonyl nickel iron alloy powder, carbonyl cobalt and other carbonyl metallurgy technology and product development and production

17. The development and application of heavy oil, diesel and coal technology used in natural gas substitution and hydrogen partial substitution chemical and non-ferrous metal smelting and deep processing of materials

18. R&D and production of copper-nickel-cobalt-manganese metal materials, rare rare earth metal materials, magnesium-vanadium-titanium metal materials, composite metal materials, and nickel-copper-cobalt and precious metal powder materials

19. R&D and production of nickel sulfate, ternary precursors, lithium manganese iron phosphate, nickel-cobalt secondary battery materials and other cathode materials for power batteries and energy storage batteries, R&D and production of battery materials such as separators for lithium (sodium) ion batteries, battery-grade high-grade electrolytic copper foil, electrolyte, etc., and development and production of nickel and cobalt secondary battery materials and batteries

20. motor manufacturing, power transmission and distribution and control equipment manufacturing, basic electrical components, energy storage devices and system research and development and manufacturing

21. Manufacture of high-efficiency motors and their control systems (low-voltage three-phase asynchronous motors with rated power 0.55-355kW and rated voltage of 690V and below, rated power of 355-25000kW and rated voltage of 6kV or 10kV high-voltage three-phase asynchronous motor, high-efficiency permanent magnet motor).

22. R&D and manufacturing of nuclear power equipment and materials such as nuclear power pressure vessels, reactor internal components, spent fuel reprocessing equipment, radiation protection technology and monitoring

equipment

23. High-efficiency electrolysis water hydrogen production equipment, large-capacity high-pressure gaseous hydrogen storage equipment, and on-board storage

The development and production of hydrogen cylinders, hydrogenation equipment, large-scale methanol reaction devices and ammonia synthesis reaction devices based on green hydrogen, large-scale hydrogen (ammonia) energy storage, fuel cell power generation and hydrogen internal combustion engine power generation, large-scale development of hydrogen energy basic materials such as high-strength aluminum alloys, carbon fibers, and hydrogen pipelines, fixed pressure vessels, low-temperature liquid hydrogen storage tanks and other equipment manufacturing, hydrogen fuel cell research and development and production, renewable energy water electrolysis water hydrogen production, and hydrogen production using industrial by-product hydrogen purification and hydrogen production

24. Vacuum acquisition technology research and development, low-temperature equipment, aerospace pressure vessel new material production, vacuum acquisition, vacuum material surface modification, vacuum furnace, low-temperature storage and transportation containers, vacuum special equipment, vacuum ring die equipment manufacturing

25. R&D and manufacturing of new energy equipment such as wind turbines, solar thermal generator sets,

photovoltaic cell modules and inverters, bidirectional charging piles and other new energy equipment, development of solar multi-source drying technology, construction, operation and maintenance of solar power generation systems, construction, operation and maintenance of wind farms, recycling of decommissioned wind power, photovoltaic, solar thermal and energy storage equipment

26. Construction and operation of oil, natural gas, electricity, coal and other energy reserve facilities

27. Power grid system power-saving equipment manufacturing (lower no-load loss than similar products

10%-20%, and load loss decreases by 5%).

28. Waste heat and waste energy are manufactured using boilers, biomass boilers, waste incineration treatment boilers and high-parameter large-capacity high-efficiency and energy-saving boilers (kilns).

29. R&D and manufacturing of complete sets of green coating equipment, including vacuum ion coating, magnetron sputtering coating, evaporation coating, ion implantation, ion cleaning and other equipment

30. Heavy ion accelerator equipment research and development, manufacturing, inspection and testing

31. isotope production and related technology research

and development, equipment manufacturing

32. Fly ash production of new oilfield cementing mitigators
33. Development and application of blast furnace detoxification chromium leaching residue technology
34. Transportation services such as tourist passenger transport and customized passenger transport
35. The construction and operation of rural delivery logistics systems such as county-level public distribution centers, township service outlets, and village-level delivery logistics comprehensive service stations, and the integrated development of rural passenger, cargo and mail
36. 5G, Internet of Things, broadband network, cloud computing, network technology, industrial Internet, artificial intelligence, data circulation services, production, ecological adaptation, application scenario promotion, etc
37. The construction, operation and data services of green data centers in the nodes of the national computing power hub mainly include computing power services, development and promotion of computing power application scenarios, data collection, storage, processing, rights confirmation, valuation and pricing, trading, analysis,

development and promotion of application scenarios, data asset services, and data security services

38. Serve the "three rural", small and micro enterprises, and individual industrial and commercial households with microfinance services

39. Information technology, business process and knowledge process service outsourcing

40. The construction of intelligent, mechanized and standardized modern facility agricultural bases and the research and development and application of technical equipment

41. Development and implementation of ecological restoration technology, ecological product development, research and development and application of agricultural water-saving technology and equipment

42. Disease diagnosis and treatment services provided by hospitals, health centers, clinics, etc., Dunhuang and traditional medicine resource mining, product research and development, secondary development and application of Gansu prescriptions and hospital preparations, medical devices, high-end medical equipment, in vitro diagnostic reagents and other medical device research and development and manufacturing

43. Development of Chinese (Tibetan) medicine health care

cultural tourism

44. sports, fitness and leisure services, sporting goods manufacturing

45. The research and development and application of digital and networked display platforms for cultural and tourism resources, including high-precision digital collection, modeling, simulation, display and interaction of cultural heritage and natural landscape resources, R&D and production of cultural and creative products based on digital cultural resources, immersive experience, smart tourism, digital exhibitions, digital performances, etc

46. tourism equipment and equipment rental services, cultural and art appraisal and evaluation, cultural and tourism activity services

(8) Qinghai Province

1. Production and deep processing of local characteristic agricultural products (highland barley, potatoes, high-quality beef and mutton, dairy products, cold-water fish and wolfberry, sea buckthorn, quinoa, rhodiola, etc.).

2. planting and processing of sand plants, forest and grass characteristic planting industry, characteristic breeding industry, understory economic industry, production

and deep processing of forest products

3. Development and production of natural drinking water (mineral water).
4. Processing and production of national handicrafts and cultural and creative products
5. Tibetan and Mongolian medicine, innovative pharmaceutical products (including medical devices), cosmetics research and development, and production

give birth

6. Potassium, sodium, magnesium, lithium, boron, strontium, bromine, iodine, rubidium, cesium and other salt lake resources are integrated

utilization, series product development and by-product utilization, iron ore resource development

7. High purity alumina (4N and above), sapphire polishing fluid, silicon carbide polishing fluid, zirconia grinding balls, alumina grinding ball production

8. Development and production of high-performance magnesium alloys
9. Development and production of high-performance carbon fiber and products

10. Asbestos wet flotation modification process application
11. Magnesium chloride hexahydrate ($\text{MgCl}_2 \cdot 6\text{H}_2\text{O}$) to continuously dehydrate to anhydrous magnesium chloride
12. The recycling of tailings, old brine and other wastes and by-products generated in the production process of various inorganic salt products is the main recycling
13. Exploration and research of deep underground pressurized brine resources
14. Production of organic fertilizer, microbial fertilizer, special compound fertilizer, water-soluble fertilizer, liquid fertilizer, and trace element fertilizer
15. Green hydrogen manufacturing, hydrogen energy equipment manufacturing, hydrogen pipeline and hydrogen refueling station operation
16. Photovoltaic equipment and component manufacturing, hydrogen energy, wind power and photovoltaic power generation complementary system technology development and application
17. electronic information manufacturing, small household appliances, consumer electronics

manufacturing

18. R&D and manufacturing of high-end and large-scale integrated circuit materials, electronic special gases and electronic chemicals
19. R&D and manufacturing of road safety maintenance and maintenance equipment
20. Electricity, heat, gas and water production and supply
21. Construction and operation of solar power generation systems, construction and operation of wind farms, and operation of pumped storage power stations
22. Application and transformation of industrial waste heat power generation technology
23. Construction and operation of oil, gas, electricity and other energy reserve facilities and systems
24. The construction of new energy vehicle charging stations and charging piles
25. Civil unmanned aviation test base (test area) operation
26. Accommodation and catering

27. Road passenger and road cargo transportation
28. Construction and operation of rural delivery logistics system and rural delivery logistics comprehensive service station
29. Broadband network construction and operation
30. 5G, mobile Internet, Internet of Things, industrial Internet, big data, artificial intelligence, blockchain construction and operation
31. Serve the "three rural", small and micro enterprises, and individual industrial and commercial households with microfinance services
32. International service trade outsourcing such as system operation services, system application services, basic technical services, enterprise internal management services, enterprise business operation services, and supply chain management services
33. The development and application of technologies related to agricultural non-point source pollution control (reduction and efficiency of pesticides and fertilizers, recycling of farmland residual film and pesticide and veterinary drug fertilizer packaging, comprehensive utilization of crop straw, and treatment of contaminated cultivated land), and the operation of municipal public

facilities such as urban sewage and garbage treatment

34. Disease diagnosis and treatment services provided by hospitals, health centers, clinics, etc

35. Research and development of digital and networked display platforms for cultural resources, libraries, archives, museums, memorial halls, mass cultural and sports activities and other service industries

36. The operation of AAA and above tourist attractions, star-rated tourist hotels, grade tourist homestays, and travel agencies, and the development and operation of tourist attractions and tourism projects

(9) Ningxia Hui Autonomous Region

1. Production and processing of characteristic advantages agricultural, forestry, livestock and fishery products (including wolfberry, wine grapes, edible mushrooms, dairy products, beef and sheep, selenium gourd, wheat, corn, potatoes, saline-alkali fishery products, etc.).

2. food, beverage production and supporting packaging production

3. Processing and production of ethnic handicrafts

4. For the treatment of major diseases such as tumors, cardiovascular and cerebrovascular diseases, diabetes, immune system, viruses and drug-resistant bacterial infections, the first chemical generics and biosimilars, new chemical drugs Class I and II new drugs, new traditional Chinese medicine drugs and new classic prescription drugs and APIs

5. 200,000 tons/year and above vinyl acetate, 60,000 tons/year and above polyvinyl alcohol, 100,000 tons/year and above polycarbonate (P60,000 tons/year and above ethylene oxide, 60,000 tons/year and above polyoxymethylene, electronic-grade high-purity chemical production, double pressurization method to produce nitric acid, single set of device 5 10,000 tons/year and above using lime nitrogen in rotary kilns, 10,000 tons/year and above monocyanamide using the low-temperature cyclic separation method under liquid feeding, and 20,000 tons/Years and above of dicyanamide production

6. Biological fermentation, chemical synthesis of amino acids, high-purity L-lactic acid production and deep processing

7. The production of high-content fly ash building materials

products, including the production of sintered bricks with a dosage of 70% or more of fly ash, the production of ceramite products with a dosage of 85% and above, the production of concrete with a dosage of 25% and above, and the production of other building materials products with a dosage of 30% and above

8. Production of downstream materials of coal-based olefins (mainly including the production of long carbon chain diacids, fragrance flavors, 1,4-butanediol, polytetrahydrofuran, TPVA barrier application resins, adipic acid, polybutene-1, etc.).

9. R&D and manufacturing of high-end intelligent control valves and intelligent positioners such as high pressure, high and low temperature resistance, and low noise for large-scale coal chemical industry, petrochemical industry, thermal power and nuclear power plants, oil and gas storage and transportation, marine engineering and other fields

10. Coal gasification, exhaust gas comprehensive utilization, liquefaction synthesis and other clean coal technology development and equipment manufacturing

11. The comprehensive energy consumption per unit product reaches the benchmark level of energy efficiency in key industrial areas

The technological transformation of furnace energy conservation and emission reduction and the development and utilization of industrial waste heat, residual pressure and waste gas

12. Carbon material production (including graphene and nanocarbon materials, carbon fiber, diamond, carbon materials for energy-saving and environmentally friendly large-scale mineral furnaces, etc.).

13. The production of chip manufacturing materials and packaging materials such as electronic-grade crystalline silicon, electronic ceramics, sputtering targets, electronic chemicals, and electronic special gases, the production of high-quality industrial sapphire, the production of organic materials and intermediates for semiconductor displays, and the production of organic materials used to improve the light utilization rate of photovoltaic modules or agricultural film materials

14. Production of high-performance fibers and composites, including spandex, aramid, polyadipylhexanediamine (PA66/MDI), etc

15. Production of aluminum nitride powder, aluminum nitride ceramic substrate, silicon nitride, silicon nitride ceramic products, and silicon carbide ceramic products with

integrated functional structure

16. Development and production of new products of silicon and manganese ferroalloys (high-purity ferrosilicon, low-titanium microaluminosilicic, high-silicon micro-manganese, high-silicon silicon-manganese, ferrosilicon nitride, calcium silicon alloy, silicon-barium aluminum alloy, etc.), and the development and production of low-selenium manganese flakes, dehydromanganese flakes, manganese nitride, low-sulfur manganese flakes, and low-manganese oxide flakes

17. It meets the national standard for wire ropes for important purposes (GB8918-2006)

Development and production of 20-60mm wire rope products

18. Deep processing of aluminum alloy and magnesium alloy

19. development and production of new products and new process technologies for rare metal materials such as tantalum, niobium, beryllium, titanium, etc

20. Wind power, photovoltaic, hydrogen energy, energy storage and other new energy main raw materials, key components and equipment manufacturing, including wind turbines, spindles, converters, bearings, gearboxes,

Tower and other key components manufacturing, carbon fiber, glass fiber, resin and other materials for fan blades, photovoltaic modules, photovoltaic material production, hydrogen production, storage and transportation, hydrogen refueling station construction, hydrogen fuel cell production, energy storage unit and monitoring and dispatching management unit production, battery material production, battery manufacturing (lithium-ion battery, sodium-ion battery, polymer lithium-ion battery, semi-electric battery (Full) solid-state batteries, battery supporting products)

21. Recycling of clean energy equipment such as retired wind power, photovoltaics, and energy storage

22. Modular, Internet of Things, systematic, intelligent energy meters, water meters, gas meters, heat meters research and development and production

23. The production of subtractive manufacturing equipment (including five-axis CNC machining centers, CNC lathes and turning centers, CNC grinding machines, CNC gear machining machine tools, ultra-precision machining machine tools, special processing machine tools), as well as the development and production of pass-through cleaning

machines for surface cleaning, burr cleaning and blow-drying of precision parts

24. and other materials processing and production (including product production using advanced processes such as binder injection, directed energy deposition, material extrusion, material jetting, powder bed melting, thin material stacking, and stereolithography)

25. R&D and production of high-prototype intelligent medium and low-voltage distribution network complete sets of switchgear, prefabricated box substations/compact box substations, high-voltage vacuum circuit breakers, high-prototype high-voltage vacuum circuit breakers, and low-voltage micro circuit breakers

26. R &D and production of IGBT inverter power supply welding machines, plasma cutting machines, and welding robots

27. The research and development and production of shearers, scraper conveyors, belt conveyors, and explosion-proof motors for tens of millions of tons of fully mechanized mining equipment, as well as casting, welding, and welding of the middle groove and

Chain links, reducers, idler production, coal mine machinery remanufacturing

28. Research and application of new technology and equipment for coalfield fire prevention and control

29. R&D and production of auto parts, precision bearing production of high-end automobile hubs, suspensions, engines, gearboxes, clutches and other key parts

30. Key components such as rail transit traction, braking, signaling, power supply, and load, including power electronic traction transformers, reactors, alloy sleeper beams, brake discs, traction transformers for electrified railway ground substations, and on-board traction transformers

31. R&D and production of rail transit axle box bearings, gearbox bearings, insulated bearings for traction motors, and ultra-high speed rail transit wheel axle bearings, and railway freight car bearings maintenance, overhaul and remanufacturing

32. Development and utilization of chemical production waste

33. construction and operation of wind and solar power generation systems

34. Construction and operation of oil, gas, electricity

and other energy reserve facilities and systems

35. The bulk raw material trading center and storage and transportation base are operated, and the commodity futures delivery warehouse is operated

36. Road passenger transport, road and rail freight, multimodal transport and transportation agency, loading and unloading handling

37. Construction and operation of village-level express logistics comprehensive service stations

38. Accommodation and catering

39. Broadband network construction and operation

40. Serve the "three rural", small and micro enterprises, and individual industrial and commercial households with microfinance services

41. Outsourcing of cultural trade, tourism services, software information, technical services and other services

42. Disease diagnosis and treatment services provided by hospitals, health centers, clinics, etc., and operated by health care and medical care institutions

(10) Xinjiang Uygur Autonomous Region (including Xinjiang Production and Construction Corps)

1. Development, production and processing of agriculture, forestry, animal husbandry, fishery and grass products (including wine and beverages), production and deep processing of flowers, aromatic plants and sand plants, and breeding, promotion and planting of saline-alkali tolerant varieties

2. Development and production of agricultural materials (chemical fertilizers, high-efficiency, safe and environmentally friendly pesticides, agricultural chemical products, high-efficiency fish and livestock feed, etc.).

3. The development and application of mechanized technologies such as agriculture, forestry and pasture crop planting, breeding, deep processing, and harvesting, as well as the assembly of related agricultural and animal husbandry machinery and equipment and the development and manufacture of related parts

4. Sugar production line with a daily processing

capacity of 3,000 tons or more of sugar beet, deep processing of beet sugar and comprehensive utilization of by-products such as waste molasses and beet residue

5. Demonstration and application of water-saving fishery aquaculture and comprehensive utilization of saline-alkali land (water) fisheries and farmers' ecological breeding models, development and utilization of brackish water (2-10g/L) technology, and pond aquaponics

6. Facility fisheries, cold-water fish introduction and breeding, development, application and production of domesticated aquatic products in Xinjiang 🎧

7. Development and production of green organic food, convenience food, health food, condiments, and bio-fermented products (including dairy products).

8. Textile and garment industry, chemical fiber manufacturing, industrial textiles and weaving, knitting, clothing, home textiles, towels, gloves, socks, carpets, shoes and hats, toys, wigs, bags, leather goods, embroidery products design and production, consumer electronics production

9. whiteboard, containerboard and corrugated paper production lines with an annual production scale of 80,000 tons and above with a width of 3.2 meters and above

10. Carry out border trade import and export product processing in border counties and cities

11. R&D, design and manufacturing of arts and crafts products with local characteristics

12. Performing arts equipment, musical instrument manufacturing and sales

13. R&D and manufacturing of ice and snow equipment and supplies

14. R&D and production of medical and health products, chemical APIs (including intermediates), and R&D and production of traditional Chinese medicine with Xinjiang characteristics

15. R&D and production of green coal chemical products (including polyoxymethylene, polytetrahydrofuran, acetic acid, syngas oxalate, oxalate hydrogenation, ethylene glycol, compound fertilizer, melamine, dimethyl carbonate (DMC), TA, PGA, acetate copolymer (EVA), MMA, 1,4-butanediol (BDO), etc.).

16. Ultra-deep oil and gas exploration and development,

equipment manufacturing and technical engineering services

17. Large-scale oil refining, ethylene and aromatic hydrocarbon production units produce organic chemical raw materials for on-site deep processing, engineering plastics, synthetic resins, plastic plates, pipes and profiles, etc

18. vanadium-titanium magnetite development, beneficiation and metallurgy combined process production, comprehensive utilization and deep processing

19. Iron, manganese, copper, nickel, lead, zinc, tungsten, tin, titanium, antimony, magnesium, rare metals and rare metals exploration, orderly mining, deep processing, development and application of new processing technologies

20. Construction and operation of scrap iron, scrap steel, waste non-ferrous metals, and rare metal recycling systems

21. High-performance bearing steel, gear steel, cold heading steel, alloy spring steel, tool and die

steel, pipeline steel, wear-resistant steel, high-strength seismic steel bars, steel plates and sections for building structures, high-strength and high-toughness steel for construction machinery, high-quality special steel for oil and gas drilling collection and transportation, superalloys, high-ductility cold-rolled ribbed steel bars, bearings, gears, metal cutting and welding equipment and other general basic parts manufacturing

22. Building materials machinery and key components manufacturing

23. Professional services for basic processes such as casting, forging, heat treatment, and surface treatment

24. High-purity aluminum production and deep processing, aluminum-based, titanium-based structural materials, deformation materials

(high-performance alloys, aerospace alloys, profiles and accessories, etc.), aluminum-based electronic and electrical functional materials (electronic aluminum foil, electrode foil, LED sapphire powder, semiconductors, liquid crystal panels, chip materials, photovoltaic conductive aluminum silver paste powder materials, etc.) R&D and production, recycled aluminum and aluminum solid waste

recycling and treatment

25. Potash exploration and mining and brine resource utilization project

26. Development and production of carbon-based, silicon-based, fluorine-based new materials, new structural ceramic materials, as well as high-end new functional materials and reagents such as nanomaterials, high-purity functional new materials, rock fibers and their products, and aerogels

27. The production of new environmentally friendly building materials, waste sintering of new walls, components and building materials for roads

28. Operation and maintenance of wind, photovoltaic, solar thermal and other clean energy power plants, and manufacturing of solar power generation systems and components

29. Wind turbine control system, new generators, transmission chains, engine rooms, high-speed blades, impellers, full-power converters, pitch controllers, speed increase gearboxes, spindles, bearings and other key components for wind turbines, offshore wind power engineering construction machinery research and development and manufacturing

30. R&D and manufacturing of high-voltage power transmission and transformation, new energy power transmission and transformation and control system equipment
31. Wire, cable, optical cable, electrical equipment manufacturing, capacitor and supporting equipment manufacturing
32. Household electrical appliance manufacturing
33. Assembly, processing and sales of electronic products and their parts
34. R&D and manufacturing of dry air energy application equipment
35. Auto parts production
36. Low-altitude economy, including the assembly, repair, operation and manufacturing of general aviation, drones and their components
37. Comprehensive utilization of industrial waste gas resources and development and production of downstream products (carbon dioxide, coal gas, sulfur dioxide, nitrogen, ammonia, argon, as well as silicon trichloride and hydrogen fluoride organic gas).
38. R&D and production of supercritical carbon dioxide power generation technology and system supporting equipment

39. Complete the manufacturing of heating boilers and coal-fired power units for the transformation of steam extraction and heat storage and the application of magnetic levitation blower desulfurization technology, and ~~XXXXXX~~

40. R&D and application of recycling technology for agricultural plastics

41. Road passenger transport, road, railway, air cargo transportation and multimodal transport

42. Construction and operation of port logistics facilities, warehousing, freight forwarding, packaging, loading and unloading, handling, circulation processing, and distribution services

43. Construction and operation of village-level express logistics comprehensive service stations

44. logistics flow integration management project, cargo distribution center, intelligent station system

(information management system, intelligent equipment integrated application, etc.).

45. 🎧 Distributed ground warehouses and border warehouses

46. Logistics and packaging industry

47. The construction and operation of primary processing facilities such as storage, preservation, and drying of agricultural and forestry products in the production area

48. The operation of cross-regional pipeline transportation projects for the production of raw materials and finished products

49. 5G, mobile Internet, satellite network, Internet of Things, Internet of Vehicles, industrial Internet, big data, artificial intelligence, blockchain, radar, etc. development, construction and operation

50. Software development such as digital energy management and digital energy-saving technology, research and development, construction and promotion of information technology products such as information achievement display library, rapid mold prototype printing center, and engineering laboratory service platform

51. Serve the "three rural", small and micro enterprises, and individual industrial and commercial households with microfinance services

52. Disease diagnosis and treatment services provided by hospitals, health centers, clinics, etc
 53. Cross-border travel operations in countries bordering Xinjiang
 54. Digital development of excellent cultural resources, cultural and entertainment, animation and creative design, digital and networked transformation and development of traditional cultural classics, cultural relics resources, and intangible cultural heritage, digital art, cloud exhibitions, and immersive experiences
 55. Featured musicals, dramas, dance dramas, dances, acrobatics, and performing arts
 56. Arts and Skills Training (Folk Music, Performing Arts, Fine Arts, Design and Traditional Crafts)
 57. Modern horse cultural industry
- (11) Inner Mongolia Autonomous Region
1. Planting and processing of sand plants, deep processing of forest products, production and processing of grass seeds

2. wool textile and cotton textile processing
3. Processing and production of ethnic handicrafts
4. Imported wood processing
5. Carry out border trade import and export product processing in border counties and cities
6. Veterinary drug manufacturing, veterinary traditional Chinese medicine R&D and production, feed microbial additives development and production
7. R&D, production and sales of traditional Chinese medicine (Mongolian medicine).
8. Organic-inorganic compound fertilizer production
9. A new comprehensive **development and utilization project** of 1.5 **million tons/year** and above natural soda will be built
10. 150,000 tons/year and above single set of anhydrous coal tar for deep processing
11. Development and equipment manufacturing of blast furnace gas and coke oven gas fine desulfurization
12. Biomass gasification to methanol technology development and equipment manufacturing
13. 60,000 tons/year and above polyoxymethylene, 60,000 tons/year and above dimethylformamide, 60,000 tons/year and above polyvinyl alcohol and other fine chemical products
14. Hexafluoroethane production, electronic grade hydrogen fluoride (HF) processing

15. Development and production of new carbon materials such as nano-carbon materials, fine-structured graphite, lithium battery anode, and new material industries such as advanced polymer materials, graphite new materials, high-end metal materials, high-performance fibers and composite materials (production, deep processing and application)

16. Development and production of rare earth functional materials and devices such as high-performance rare earth permanent magnets, catalysis, polishing, alloys, hydrogen storage, and luminescence, development and application of rare earth steel, development and production of high-purity rare earth compounds, high-purity rare earth metals, and rare earth polymer materials

17. uranium exploration and mining and research and development and application of new materials such as germanium and uranium, heavy water reactors and pressurized water

reactors and gas-cooled reactors are manufactured for civil nuclear power fuel assemblies, thorium resources are developed and utilized, and high-purity germanium and optical fiber are produced

18. The development and production of new energy steel such as wind power steel, zinc, aluminum and magnesium plated plates, and hydrogen pipelines

19. Large-diameter high-pressure $\frac{1}{2}$ wall boiler tube production

20. Production of advanced ceramic powders and products such as high-purity aluminum (purity >99.99%) for electronic information, fly ash extraction of alumina and extended production of silicon aluminum oxides, silicon aluminum alloys, aluminum matrix composites, aluminum alloy cables, aluminum and aluminum alloy targets, aluminum alloy substrate materials, Production of aluminum ceramic packaging materials, hot-dip galvanized aluminum alloys, new aviation aluminum alloy materials, high-quality aluminum castings (used in aerospace, automobile, rail transit, energy fields), aluminum and aluminum forgings, and aluminum alloy liner fiber energy storage device manufacturing

21. Production and manufacturing of intelligent

transportation equipment (cameras, sensors, on-board terminals, communication equipment).

- 22. Manufacture of automobile carriages
- 23. Electronic Information Manufacturing Industry (Excluding New Displays)
- 24. R&D and manufacturing of new energy equipment for households in rural pastoral areas
- 25. energy-saving, carbon-reducing and water-saving technology reforms in key areas such as steel, non-ferrous metals, and building materials

make

- 26. Bulk agricultural and industrial solid waste (coal gangue, fly ash, tailings, total

Associated ore, smelting slag, industrial by-product gypsum, construction waste) comprehensive utilization technology development and application

- 27. Construction and operation of oil, natural gas, electricity and other energy reserve facilities and systems,

Development and application of electric energy storage technology

28. Clean energy heating and heating are adopted
29. New energy power stations and new energy storage facilities are jointly operated
30. operation of water supply facilities, drainage treatment facilities, and sludge disposal facilities
31. Road passenger transportation, road and railway freight transportation and multimodal transport
32. Clean transportation industry using new energy (electric, hydrogen) heavy trucks
33. Low-altitude economy, including short-distance transportation, test testing, education and training, general airports, general aviation take-off and landing points and other operations, and aviation equipment manufacturing
34. Construction and operation of port logistics facilities, construction and operation of village-level express logistics comprehensive service stations, operation of Qixian distribution and distribution centers and distribution centers (not applicable to wholesale and retail industry)
35. "Dual Gigabit" network construction and operation

36. Software and information service industry, including software development, integrated circuit design, information technology, information security, and industrial Internet services

37. Serve the "three rural", small and micro enterprises, and individual industrial and commercial households with microfinance services

38. Service outsourcing (in the key development areas of the national service outsourcing industry)

39. Research and development of carbon measurement monitoring and evaluation technology

40. Energy efficiency evaluation of civil buildings

41. The construction and management of ecological restoration projects include the ecological restoration and management of forests, grasslands and deserts, mine land reclamation and ecological restoration

42. sanitation and clean transportation of garbage

43. Disease diagnosis and treatment services provided by hospitals, health centers, clinics, etc

44. modern cultural industries such as horse culture and ice and snow culture

(12) Guangxi Zhuang Autonomous Region

1. The production, primary processing and deep processing of Guangxi's characteristic advantageous agricultural products, and the development of selenium-rich rice, tea, fruits, edible mushrooms and other characteristic agricultural products

2. Deep processing of sucrose and comprehensive utilization and cogeneration of by-products such as waste molasses, bagasse, sugarcane leaves, filter mud, sugarcane water, alcohol waste liquid, and by-products of bagasse pulp and papermaking, and waste liquid utilization

3. Camellia oleifera, star anise, cinnamon, chestnut, agarwood, persimmon, tung tree, walnut and other forest products production, primary processing and deep processing

4. Comprehensive utilization of mulberry and silkworm industry resources

5. Tea and substitute tea manufacturing, production of new tea raw materials (ultra-fine tea powder, national drink oil tea).

6. Livestock and poultry product development, primary

processing and deep processing, dairy buffalo breeding and buffalo milk deep processing and manufacturing

7. Feed processing (the feed raw materials used must meet the requirements of the "Feed Raw Material Catalogue" published by the Ministry of Agriculture and Rural Affairs)

8. R&D and production of agricultural product storage, preservation, drying and processing equipment, facility construction and operation, and development and application of new technologies for agricultural product quality and safety testing

9. Silk textile and printing and dyeing finishing, cotton textile and printing and dyeing finishing, woven garment manufacturing, knitted or crochet garment manufacturing, clothing manufacturing

10. Plant fibers such as wood and its residues are used as raw materials to process into plywood, fiberboard, particleboard, joinery board and wood wire board and other products that meet national standards

and the manufacture of wood-based panels secondary processing decorative panels

11. Carry out border trade import and export product processing in border counties and cities

12. Cultural and educational, arts and crafts product manufacturing, toy research and development and production

13. R&D and production of high-end pharmaceutical preparations such as chemical drugs, biological drugs, marine biomedicine, modern traditional Chinese medicine (including ethnic minority medicines), as well as high-end medical devices and equipment, modern pharmaceutical logistics, standardized planting and breeding of ethnic Chinese medicinal materials such as Zhuangyao, development and application of new technologies for extraction, purification and quality control of active ingredients of traditional Chinese medicine, development and production of medicinal diets based on ethnic medicines and related technologies and equipment

14. High-end mountain, highway, folding bicycle and core parts manufacturing, high-end cycling equipment manufacturing

15. Deep processing of kaolin, marble, granite,

bentonite, zirconium titanite and other characteristic mineral resources

16. Deep processing and supporting industries such as functional masterbatch and degradable materials

17. The development and production of new carbon materials such as graphene, nanocarbon materials, and fine-structured graphite

give birth

18. High-end high-quality float glass, electronic glass, automotive and photovoltaic glass production and downstream

You deep processing

19. refining and chemical integration, modern coal chemical and other organic chemical raw material production and downstream deep processing in line with the national industrial layout

20. Production and deep processing of polymer materials such as synthetic resins, synthetic rubber, and synthetic fibers, as well as the development and production of food additives, catalysts, daily chemicals, bio-based chemicals, and bioenergy

21. Development and deep processing of high-performance new materials such as copper, aluminum, tungsten, magnesium, tin, steel, zinc, lead, antimony, indium, rhenium, rhodium, rare earths, etc

22. Low-grade refractory bauxite mining and processing, aluminum production activities such as smelting, electrolysis, casting, and smelting of waste aluminum raw materials, including aluminum smelting activities such as high-purity aluminum (purity >99.99%) for electronic information

23. electric arc furnace short-process steelmaking (nominal capacity of 100 tons and above, alloy steel 50 tons and above) and process

24. Compressed natural gas (CNG) vehicle filling station complete sets of equipment and devices (CNG automotive gas storage cylinders, long tube fiberglass wound gas cylinders, compressors, high-pressure underground gas storage wells, gas storage tanks, deep dehydration devices, desulfurization tanks, condensing pipes, oil-water separators, etc.) manufacturing, liquefied natural gas (LNG). Complete sets of equipment and devices for gas stations

25. R&D and manufacturing of internal combustion engines

and their components

26. R&D and manufacturing of small and medium-sized agricultural machinery such as sugarcane planters, harvesters, and leaf peelers suitable for 🎧 local operating environments

27. Industrial environmental governance, urban and rural environmental governance, soil environment remediation, solid waste disposal and hazardous waste disposal, smart sanitation, environmental service industry and other fields of energy-saving and environmental protection equipment manufacturing, agricultural non-point source pollution-related technology development and product production

28. Rubber processing equipment manufacturing (high-performance radial tires and intelligent manufacturing technology and equipment, energy-saving and environmentally friendly rubber machinery complete equipment manufacturing)

29. 1.8 tons and above excavators, 1.6 tons and above loaders, 45 tons reach stackers, electric forklifts, and 3 tons and above internal combustion forklifts, tractors and other industrial vehicles, applying AI technology and 5G technology, unmanned driving technology or new energy

technology construction machinery products, hydraulics

Road rollers, hydraulic pavers, graders, mining machinery (complete sets of grinding machines and powder separators) and mobile crushing and screening equipment, slewing reducer assemblies for excavators, travel reducer assemblies, drive axles for loaders, power shift gearboxes for loaders, castings for loaders, motor grader drive axles, bulldozer transmission systems and components (torque converters, gearboxes, intermediate drive assemblies, final transmission assemblies), hydraulic components, hydraulic pipelines and hydraulic complete sets of equipment for construction machinery, and electronic control systems for construction machinery

30. Manufacturing of key auto parts and accessories

31. New energy electric motorcycles (including two-wheeled and three-wheeled) and motors, batteries, controllers, frames, forks, rearview mirrors, saddles and other spare parts are manufactured

32. Marine supporting equipment manufacturing, marine equipment research and development and manufacturing

33. Wire, cable, optical cable, electrical equipment manufacturing, capacitor and supporting equipment manufacturing

34. The development and production of advanced production technology for high-purity manganese sulfate, manganese carbonate, manganese tetroxide, lithium manganese oxide and electrolytic manganese metal as raw materials, mercury-free alkali manganese batteries, lithium manganese batteries, and stainless steel products produced by manganese ore, ternary precursors and cathode materials, lithium iron phosphate precursors and cathode materials, solid-state batteries, sodium-ion batteries and other new power batteries and key materials, equipment and management systems, and low cobalt/R&D and manufacturing of cobalt-free cathode materials, solid-state batteries, lithium-sulfur batteries and other advanced batteries and materials

35. Wind power and solar power generation instruments and other front-end equipment manufacturing, wind turbine control system, new generators for wind turbines, high-speed blades, full-power converters, pitch controllers, speed increase gearboxes, spindles, bearings and other key components, offshore wind power equipment and submarine cable manufacturing, offshore wind power engineering construction machinery research and development and

manufacturing

36. The operation of new energy storage equipment and systems, the construction and operation of charging and swapping facilities for new energy vehicles, the development and production of new energy storage battery materials, new energy storage batteries, energy storage power systems and their key components and equipment

37. Development and application of industrial energy-saving and consumption reduction technologies (waste heat, residual pressure, differential pressure, comprehensive utilization of generated gas, etc.)

38. Development and application of clean fuel production technologies such as domestic waste incineration power generation, biogas power generation, agricultural and forestry biomass power generation, biodiesel and biogas production, China VI B and higher standards gasoline and diesel, and No. 3 jet fuel

39. Construction and operation of wind and solar power plants, and operation of pumped storage power stations

40. Construction and operation of coal, oil, natural gas and other energy reserve facilities and systems

41. Intelligent refrigerators, air conditioners, washing machines and core spare parts manufacturing, and intelligent household appliances for nursing, mother and

baby, kitchen and bathroom

42. Warehousing, transportation, freight forwarding, packaging, loading and unloading, handling, circulation processing, distribution, information processing and other integrated services, village-level express logistics comprehensive service station construction and operation

43. Road, railway, waterway, air passenger and cargo transportation, drone manned and logistics

44. Cross-border trade, international logistics, freight forwarding, cross-border e-commerce, foreign trade comprehensive services, market procurement trade

45. The development of new generation information technologies such as artificial intelligence, mobile Internet, industrial Internet, Internet of Things, and metaverse

46. Beidou satellite navigation and spatio-temporal information industry, remote sensing, communication, navigation and other satellite application services

47. Serve the "three rural", small and micro enterprises, and individual industrial and commercial households with microfinance services

- 48. urban sanitation and solid waste treatment, and comprehensive utilization of urban water system silt
- 49. Disease diagnosis and treatment services provided by hospitals, health centers, clinics, etc
- 50. Cultural and artistic creation and performance, cultural creativity, intangible cultural heritage inheritance, protection , revitalization and utilization of traditional ancient buildings, operation and management