



COMPANY PROFILE

INDUSTRY POSITIONING / BUSINESS SCOPE
PRODUCT SERIES / DEVELOPMENT PLANNING

中国工业固废管理股份有限公司

— China Industry Waste Management Holding Company Limited —



<https://www.ciwm.cc>

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01

INDUSTRY POSITIONING

In the process of ecological civilization construction, make up for the shortcomings of traditional industrial and mining enterprises, promote the comprehensive utilization of industrial solid waste resources, and realize the sustainable and high-quality development of traditional industries.

03

PRODUCT SERIES

Various valuable elements, industrial raw materials, special mortar, waterproof materials, fireproof materials, anticorrosive materials, various prefabricated components and various green building materials in industrial solid waste.

02

BUSINESS SCOPE

Comprehensive utilization of all kinds of tailings, smelting slag, chemical waste, coal gangue and other bulk industrial solid wastes produced by mining and mineral processing, and difficult mineral processing of metal mines, non-metal mines and coal mines.

04

DEVELOPMENT PLANNING

In three years, we will develop 30 regulatory projects, achieve an annual total output value of 100 billion, and complete an annual profit and tax of 30 billion, and finally, become the global industrial solid waste recycling head enterprise.





01

INDUSTRY POSITIONING

Under the environment of global resource shortage and natural ecological crisis, China's economic development is restricted by the contradiction between resource development and ecological environmental protection. To break through the obstacles, it is necessary to build ecological civilization and maximize the recycling of resources. The Chinese government has formulated various policies to force the circular economy and ecological closed-loop of various industries to achieve sustainable and high-quality development. Therefore, it is the goal set by CIWM to quickly occupy the position of industries under the industrial outlet.



Taking CIWM's industrial solid waste recycling system technology as the core and "solid waste recycling comprehensive utilization project" as the carrier, a new industry will be formed in the world, which combines spatial layout with industrial promotion, technology leading with capital driving, coordinated and integrated development with waste discharge enterprises, market leading and government guiding.

industrial
development



Recycling of
solid waste



environment
protection

The development of mining, smelting and processing, energy and chemical industry produces a large number of industrial solid wastes.

Take industrial solid waste as the second mine for comprehensive utilization and form a new industry.

Solid waste recycling industry is the only way for traditional industries to achieve ecological civilization and high-quality development.



Benefits the nation / Altrui self-interest

01

INDUSTRY POSITIONING



Selecting service providers in smelting industry

Enterprises producing industrial-grade raw materials

Leading the direction of green building materials

Selecting service providers in smelting industry

01

Fill in the shortcomings in the mining and smelting industry, crack the contradiction between environmental protection and production, and serve enterprises to reduce environmental protection costs and achieve high-quality development.

Industrial raw material industry

02

Industrial solid waste is used as raw material, and valuable elements are extracted and modified by advanced technology and technology to turn industrial solid waste into valuable industrial raw materials.

Green building materials industry

03

Low-value and worthless industrial solid wastes produce high-value-added green building materials instead of traditional building materials through self-developed silicon-based nano-cementitious materials.

Solve the contradiction between resource development and ecological environmental protection

Make waste disposal enterprises realize sustainable and high-quality development





02

B U S I N E S S S C O P E

The valuable elements in various industrial solid wastes are separated by advanced physical substance separation technology, and the separated substances are modified and processed into industrial-grade raw materials according to the physical and chemical properties of the solid wastes. Finally, the remaining worthless solid wastes are prepared into various green building materials by the core technology independently developed "silicon-based nano-rare earth cementing materials".





**Difficult mineral
processing**

**Industrial raw
materials**

**Green building
materials**

According to the physical and chemical characteristics and value attributes of various industrial solid wastes, the products are planned under the premise of market demand, and the industrial solid wastes are dried and squeezed to realize 100% comprehensive utilization.



**Fill the gap
in the market**

Company business analysis

The poor and lean ore, waste rock, dregs, tailings after mineral extraction and waste residue generated by smelting are recycled to realize waste-free mines and waste-free factories, to solve the contradiction between industrial production and environmental protection, to fill the shortcomings of the original industrial chain, and at the same time, the products generated by solid waste recycling replace traditional resources and high-energy building materials, and to obtain high-value benefits.

100%

**Resource
substitution**

100%

**Ecological
environment
protection**



Solve industry pain points

market demand analysis



All kinds of metal mines, non-metal mines, coal mines, iron and steel plants, nonferrous metal smelters, ferroalloy plants and other waste discharge enterprises, under the policy pressure of not approving tailings ponds and prohibiting solid waste stockpiling, solid waste recycling is the only way out.

Annual
6 billion
tons

mining
process

Annual
1.2 billion
tons

Smelting
process



03

PRODUCT SERIES

All kinds of concentrate powder, clean coal, ultra-pure Shi Ying and ultra-pure graphite.

Ultra-fine kaolin, high-quality porcelain clay, and various industrial fillers.

Various prefabricated building components, ready-mixed mortar, and various coatings.



PART THREE

Valuable element concentrate

Valuable elements are extracted from all kinds of tailings, smelting slag, chemical waste, coal gangue and other solid wastes produced by mining and mineral processing, and then processed into industrial raw materials and various green building materials.



Sanxi mineral

01

There are 17 kinds of rare earth metals, 9 kinds of rare metals and 8 kinds of rare metal concentrates.

Metal concentrate

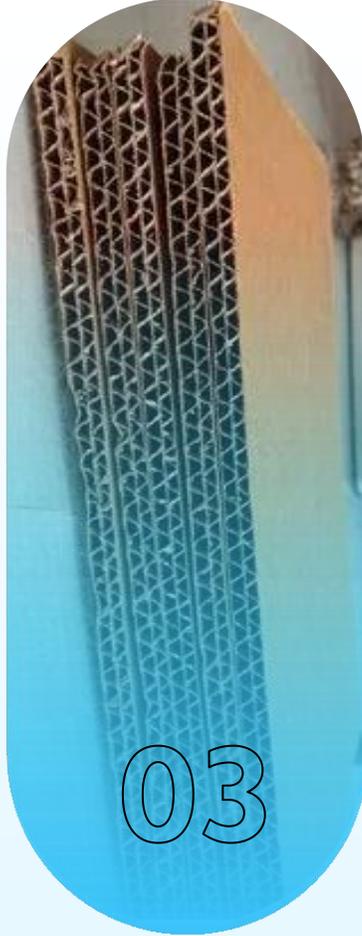
02

Various metal concentrates that meet the national industrial grade are extracted and enriched from solid waste.

Inorganic minerals

03

Ultra-pure Shi Ying with 99.9999, ultra-pure graphite with 99.9 and clean coal with 6000 kcal.



Coal series kaolin

Mineral raw materials necessary for dozens of industries such as papermaking, ceramics, rubber, chemicals, coatings, medicine and national defense.

High quality porcelain clay

Porcelain clay purified from tailings is applied to various industries such as ceramics, sanitary ware, rock slabs and power equipment.

High end filling material

Industrial-grade fillers modified from solid wastes are used in industries such as papermaking, rubber and plastic cables.



precast element

Industrial solid waste replaces sandstone and cement to produce various components with low cost and high strength, and can passivate and lock various heavy metals and harmful elements.



Various mortars

Solid waste-based mortar, which replaces traditional cement, resin and other materials, has absolute advantages in characteristics and cost compared with expensive imported products.



various coatings

Solid waste-based coatings have the characteristics of high-quality coatings, and truly achieve pure inorganic and zero formaldehyde, and the cost is only below 30% of similar products.



other products

According to the characteristics of solid waste resources, such as adsorbents, recombinant stones, handicrafts, baking-free ceramics, soil improvers, compound fertilizers, etc.



04

DEVELOPMENT PLANNING

Give full play to the advantages of technology and capital, and develop solid waste resource projects in all provinces of China. Committed to becoming the head enterprise in the field of industrial solid waste recycling in China.



01

Develop solid waste projects

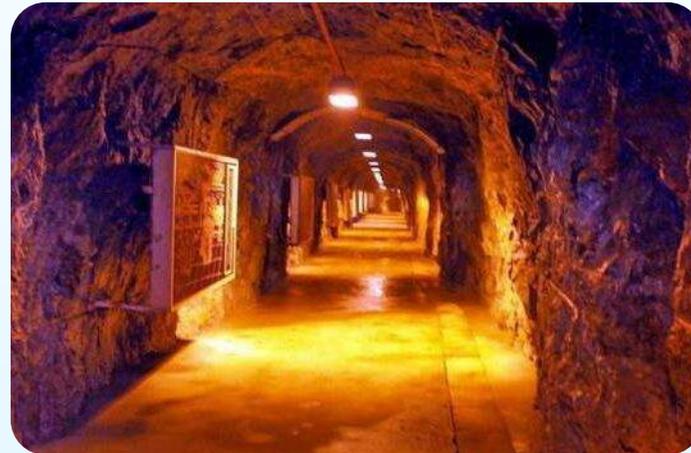
Develop 100 solid waste recycling projects in 27 provinces.



02

Merger and acquisition of mining assets

Extend to the upstream industry and acquire 10 minerals.



03

Integrate peripheral business

Business integration of new energy and transportation in the project.





01. Listed companies

Astika Holdings, Inc.

Nasdaq OTC listing before June 30, 2023

In 2025, the main board of Nasdaq will be listed with a target market value of 10 billion US dollars.

02. Operating platform

China Industrial Solid Waste Management Co., Ltd. (CIWM)

Hong Kong stocks will be listed before December 30, 2023.

Achieve the target market value of HK\$ 100 billion in 2025.

03. Industry Fund

HONGKONG GOLDMAN SACHS INVESTMENT GROUP CO., LTD

Jiaxing chengyuanxiang investment management co., ltd

In 2023, 10 billion yuan was raised. The management scale target is 100 billion RMB in 2025.



01 In 2022, the operation platform for industrial solid waste management in China was established, and the construction of the southern base in China was completed, realizing the acquisition of assets of Pingshan Gold Mine.

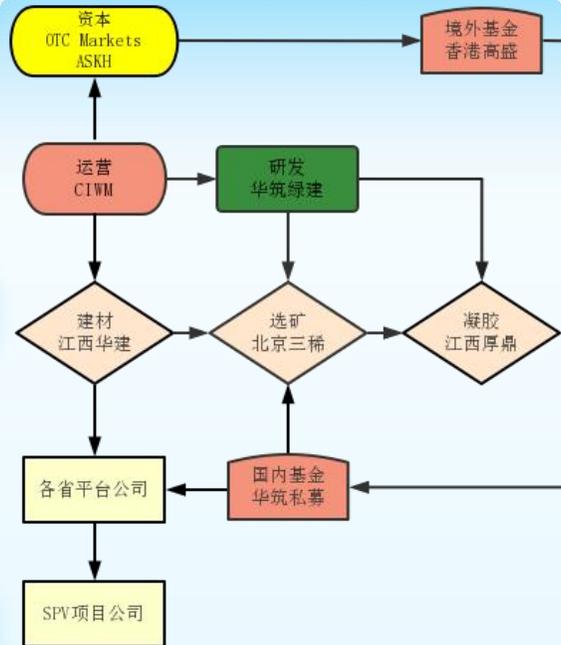
02 In 2023, the Nasdaq OTC listing transaction was completed. Six solid waste projects were developed and put into production, with an output value of 10 billion yuan. The net income was over 2 billion, and the listing of Hong Kong stocks was realized.

03 In 2024, 12 provincial projects will be put into production. The company achieved an output value of 50 billion yuan and a net income of over 10 billion yuan.

01

02

03



04

04 Complete the listing of Nasdaq main board in 2025. 27 provincial projects have been put into production. Realize an output value of 100 billion yuan and a net income of 20 billion yuan.

05

05 In 2026, 100 projects nationwide will be put into production. The output value is 200 billion yuan and the net income is 35 billion yuan.

06

06 In 2027, we will realize the status of the head enterprise in the industrial solid waste recycling industry. Complete the establishment of all industry standards.



THANK YOU
FOR WATCHING

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