

Hebei Ningjin Salt Chemical Industry Park

Long History of Ningjin

The Book of History · The Canon of Yao called it Yangyu, located in Yingtao Prefecture, the name was changed into Ningjin in the first year of Tang Tianbao, implying "giving Ningjin peace and happiness". Gross area is 1,046km², overall population 700,000. It is the first batch of national opening-up county and first batch of power expansion county in Hebei Province.

Ningjin County is located in south central regions of Hebei Province, the regions are joining areas of North China, northwest, East China and other several major economic zones. Adjacent Beijing-Tianjin-Hebei Metropolitan Circle and Bohai Rim Economic Circle are economic core areas in the north of China and traffic fortress, which are natural and leading the most energetic and influencing future for development of Chinese northern areas.

Salt is the important strategic resource influences national economy and the people's livelihood and the basic raw material in chemical industry, the products made of it are involved in many industries including chemical fertilizer, glass, war industry, pesticide, papermaking, printing and dyeing, enamel, medicine, etc., as well as the people's clothing, food, shelter and transportation, it is hailed as "Mother of Chemical Industry".

Exploration data show that, Ningjin County has abundant salt mine resources and coal resources. Salt mine resources are featured by broad area (over 400km²), big thickness (100-300m), high quality (content of sodium chloride over 92%, content of calcium sulfate less than 5%), and abundant reserves (over 100 billion tons), it is the domestic rare high grade ore. Coal resources belong to air fertilizer coal, total reserves over 500 million tons, having high fixed carbon, high volatility, low ash, low sulphur and other features, it is especially suitable for developing coal chemical industry.

Precious Treasure of Resources, Salt Capital of China - Just like General Secretary Hu Jintao pointed out, "Salt can be used to produce so many high quality and high value-added products, we should change our mind to use deep processing and research and develop the products with high added value."

Build park of circular economy

- Depend on advantages of abundant rock salt and coal resources
- Complete national-level salt coal chemical industry circular economy demonstrative base with perfect infrastructure, organic combination of salt chemical industry, coal chemical industry and fine chemical industry, and comprehensive development of multiple categories around 2020
- Construct chemical ecological cycle system based on material integration and energy integration

The park covers an area of 20km², having total investment about 80 billion yuan, 51 key industrial projects, which has been listed in petrochemical industry revitalization plan of Hebei Province.

Resource Advantage

Ningjin's salt mine has high grade and large reserves, which is the biggest rock salt mine in North China and rare high grade ore in China, having more than 500 million tons of air fertilizer coal resources, powerful supporting conditions and unique competitive advantages for developing salt coal chemical industry park.

Location Advantage

It is 60km from Shijiazhuang, capital of Hebei Province, 22km from Beijing-Zhuhai Expressway, 22km from Beijing-Guangzhou Railway and 7km from Handan-Huanghua Railway under construction, 308 National Road and Qingdao-Yinchuan Expressway cross through the whole border. Beijing, Tianjin, Zhengzhou, Jinan, Tianjin Port, and Huanghua Port surround it as a core. Its unique location advantages enable salt coal chemical industry to have broad development space.

Market Advantage

- Within 300km surrounding Ningjin County, annual demand of caustic soda is 1 million tons. Annual demand of sodium carbonate is 3 million tons, only glass industry of Xingtai and Shahe cities demands over 1 million tons of heavy sodium carbonate.
- Photovoltaic industry of Ningjin County has annual demand of polysilicon over 6,000 tons, able to effectively adapt to downstream product trichlorosilane of the park
- Ningjin County and peripheral counties and cities are textile bases in North China, annual demand of viscose short fiber is over 300,000 tons. The park's downstream syrup, viscose yarn and other products can be used as its raw materials of light textile.
- Ningjin County is the biggest electric wire and cable production base in northern areas, the park's downstream chemical products can be utilized in electric wire and cable industries, beneficial for accomplishing effective integration and reasonable configuration of resources.

Comparative Advantage

High quality and cheap coal, electricity, steam, land and transport resources, ton bittern salt, vacuum-producing salt, steam price, water price, self-prepared electricity price, price per *mu*, caustic soda, sodium carbonate, organosilicon, trichlorosilane and other production costs are more than 10% lower than the price of domestic average market price.

Policy Advantage

Salt coal chemical industry is one of leading industries mainly developed in Hebei Province, which has gained great attention and powerful support of Hebei Provincial Party Committee and Provincial Government; salt mine development of Ningjin County has been listed as major project of Hebei Province and "3+1" Major Industrial Project in Xingtai City.

Supporting Advantage

The park provides special sweeping service for the stationed businessmen, implements "solving different matter in different way" for the projects with investment over 500 million yuan in land, tax and other aspects, and gives the best privilege in land arrangement, resource guarantee, bittern supply and other aspects; meanwhile, the park has planned water supply, power supply, heat supply, sewage treatment, traffic and transport, centralized logistics and other utility works supporting to industrial project, thus providing first-class infrastructure conditions for the enterprises in the park.