



Flourishing Lianyungang Petrochemical Industry Base

China Eastern Central Western Demonstration Area
for Regional Cooperation (Xuwei New Area)

Secretary/ Director Shi Haibo



Contens

Basic Situation

Security System

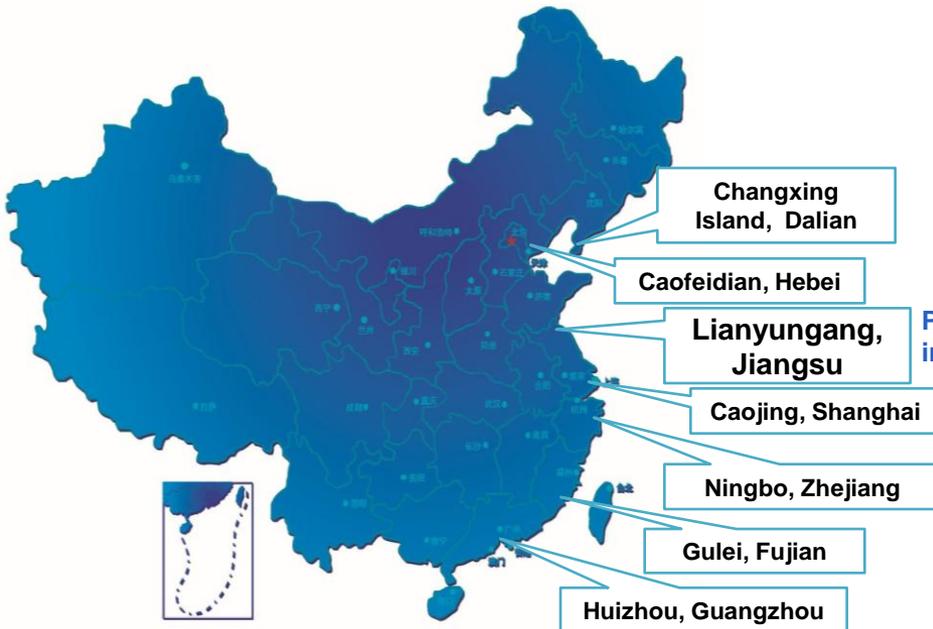
Development Trend



1. Basic Situation

1.1 General Planning

In June 2009, the State Council approved the implementation of the *Jiangsu Coastal Area Development Plan*, Xuwei New Area is the main implementation carrier of the plan; on May 31, 2011, the State Council approved the establishment of China Eastern Central Western Demonstration Area for Regional Cooperation in Lianyungang, Xuwei New Area is the pilot area of the demonstration zone. The total planned area of the New Area is about 467 square kilometers, of which the petrochemical industrial park covers an area of 62.61 square kilometers and is planned to build Refining of 40 million tons/year. One of the Seven Major Petrochemical Industrial Base



1. Basic Situation

1.3 Construction Situation

Currently, a total of 88.6 billion yuan (44.7 billion yuan in infrastructure investment and 43.9 billion yuan in industrial investment) has been invested in fixed assets, forming a relatively complete infrastructure framework system and basically completing the layout of port leading industries.

A total of 28 key industrial projects were introduced, with a total investment of 254.3 billion yuan.

Projects completed and put into operation: Under construction or upcoming projects:

- ✓ 240 tons / year Sailboat Petrochemical Alcohol-based Polygeneration (MTO)
- ✓ 1.5 million tons / year Honggang Petrochemical Terephthalic Acid (PTA)
- ✓ 1.4 million cubic meters Rongtai Chemical Storage
- ✓ 10 projects including 3.8 million tons/year Chu Kong Steel Pipe Manufacturing

- Shenghong refining and chemical integration project with total investment of 75 billion yuan
- Satellite Petrochemical Ethane cracking project with First phase investment of 33 billion yuan
- Sinochem Lianyungang circular economy industrial park project with First phase investment of 22.7 billion yuan
- Oriental Energy propane dehydrogenation project with upfront investment of 20 billion yuan



2. Security System

Lianyungang Petrochemical Industry Base is based on long-term development, investing 19.1 billion yuan to plan and construct 27 major supporting facilities with long-term leading demonstration effect, and vigorously enhance the service guarantee and management ability of petrochemical industry development.

2.1 Emergency Support Project



- 01 underground integrated pipe gallery
- 02 heavy chemical fire station
- 03 emergency standby water sources
- 04 emergency rescue base



2. Security System

2.2 Safety and Environmental Protection Project

The mature and advanced HSE management system, such as DuPont, is fully introduced to ensure that the park's safety and environmental protection management reaches the international advanced level.



- 01 Closed Seine Project
- 02 Cloud Computing Center
- 03 Central Control Room
- 04 Operation Command Center



2. Security System

2.2 Safety and Environmental Protection Project



- 05 Sewage Treatment Plant
- 06 Solid Hazardous Waste Disposal Center
- 07 Safety and Environmental Protection Center
- 08 Standard Tail Water Discharge Project



2. Security System

2.3 Public Works

The Heat & Power Generation Cogeneration with planned heating capacity of 5,500 tons / hour、 water plant (industrial water capacity of 500,000 tons / day)、 raw water pumping station and pipe network、 public pipe gallery、 power transmission and transformation projects have been completed and put into use.



- 01 Hong Yang Thermoelectricity
- 02 Petrochemical Public Gallery
- 03 Public Works Island

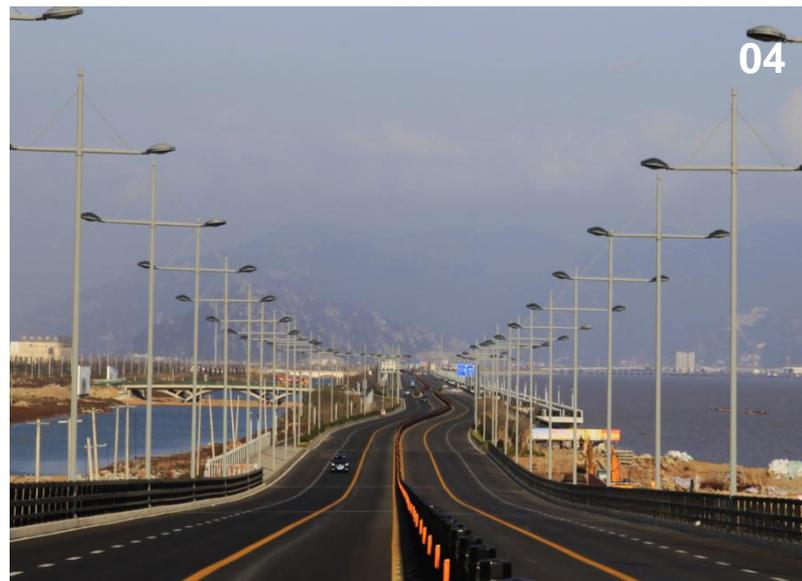


2. Security System

2.4 Management Service



- 01 Industry Service Center
- 02 Cloud Lake
- 03 Continental Bridge Conference Centre
- 04 Seaside Avenue (sea embankment reaching standard project)



3.1 Construction Standard

According to the four world-class standards of “**Environmental Protection and Safety, Process Equipment, Input and Output, Quality Brand**”, we will build a world-class petrochemical industrial base.

Industry Access

- In line with the New Area industrial planning and layout planning;
- Equipment, production technology and technology meet or exceed the advanced level of the domestic industry;
- Safety and environmental protection meet the requirements of national regulations, and implement “one-vote veto” ;
- The investment intensity ≥ 4.5 million yuan/mu, the average output value/mu ≥ 5.5 million yuan/mu, the average tax/mu $\geq 350,000$ yuan/mu.



Energy-Saving and Emission-Reduction

- Strictly limit the entry of high-energy and high-emission projects.
- The comprehensive energy consumption per unit of industrial added value ≤ 1.8 tons of standard coal /10,000 yuan;
- Unit Industrial added value fresh water consumption has reached the advanced level of the international industry;
- Unit industrial added value of sulfur dioxide emissions per unit ≤ 1 kg / 10,000 yuan;
- Unit industrial added value COD emission per unit ≤ 1 kg / 10,000 yuan.



3. Development Trend

3.2 Development Goal

New increased industrial investment of 100 billion yuan, taxable sales revenue over 230 billion yuan, annual profit tax exceeds 30 billion yuan. The formation of the leading industry chain will give full play to the agglomeration effect.



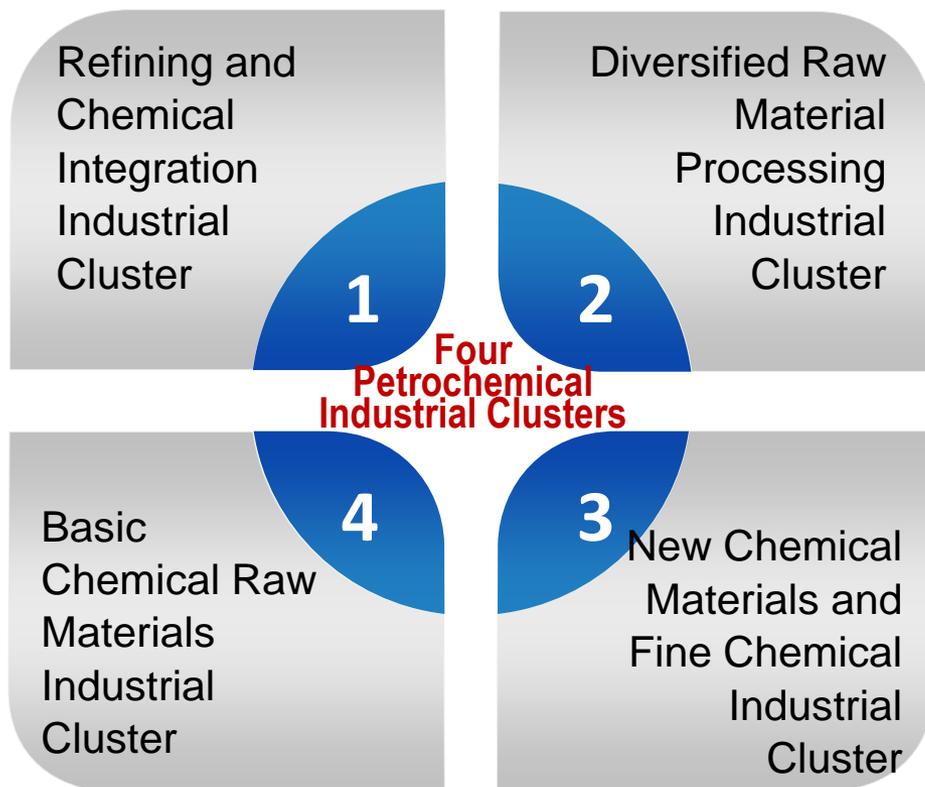
Four major petrochemical industrial clusters have been initially formed, with 100 billion yuan of new increased industrial investment, 80 billion yuan of taxable sales revenue and 8 billion yuan of annual profits and taxes. The trend of large-scale development of petrochemical industrial bases is obvious.

To achieve industrial investment of 300 billion yuan, taxable sales revenue exceeds 400 billion yuan, and the annual profit tax exceeds 80 billion yuan. It has become the base for energy and raw materials supply in the Yangtze River Delta and Jiangsu coastal areas.



3. Development Trend

3.3 Industrial Cluster



- China's largest **raw material diversified olefins** industry base
- China's most **influential polyester raw material** production base
- Leading domestic **high-end new material industry** base
- World's most competitive **Electronic Chemicals and Rubber Additives** Production Base
- To build a world-class petrochemical industry base

Warmly welcome all the guests to visit
Xuwei New Area.

