

Brief Introduction to Industries in Jiangsu Province

- New Energy Industry

Since the beginning of the new century, the new energy industry of Jiangsu province grows quickly on an expanding scale and with remarkable improvement in innovation capacity. In 2008, the total volume reached nearly 90 billion RMB. The photovoltaic production of Jiangsu has occupied the first place in our country. The output of Solar cell was 1580 MW, and kept a rapid growth. The technology of battery efficiency of some enterprises has reached the world advanced level. More than 290 related enterprises combined into a complete industrial chain, from high purity polysilicon, silicon, batteries, components, system integration equipment to the photovoltaic application products. A number of Jiangsu companies hold their own independent intellectual property rights and the products brand, and 8 enterprises has been successfully listed in the stock market, nearly 20 enterprises' annual output exceeded 1 billion RMB. The installed capacity of wind power equipment has achieved 1,000MW. The number of wind turbine manufacturers took the first place in China. The market share of wind generator and the high-speed gearbox, slewing bearing and other key components has been over 50%. 1.5 MW Wind turbine has been successfully got into mass production, and the 2 MW unit has been finished. The R & D of the 3 MW unit is progressing smoothly. Hi-tech and high-tech products such as Biomass Furnace, nuclear key valve for pressurized water reactor nuclear plant with installed capacity of a million kilowatts fill the domestic blank, and reached the international advanced level.

- Electronic Information Industry

After years of development, electronic information industry in Jiangsu Province already has a good industrial base, technology accumulation and superiority in talented personnel. Electronic information industry in Jiangsu Province sustained rapid development, expanding scale, and growing internationalization. The sales revenue of electronic information industry achieved 1.44 trillion RMB in 2008, 20.8% of the province's industry, while the software industry sales revenue achieved 126.2 billion RMB. The exports are about 750 billion RMB, 52.3% of the industry output value. The sales income of foreign enterprises in Jiangsu accounted for 78.1% of the industry. The output of 12 kinds of electronic information products of Jiangsu ranked first in the world. The output of Integrated Circuit industry amounted to 43.1% of country's total, while the power management software amounted to 50%. Jiangsu has developed industry cluster of the software, integrated circuits, flat panel displays, computer and network equipment, modern communications, novel components etc.

- **Energy-saving and Eco-friendly Industry**

The scale of energy saving and environment protection industry in Jiangsu province is keeping ahead of other provinces. Total employees of the industry are more than half a million and main business income reached 215 billion RMB in 2008, which ranked first in China. In Jiangsu, there is a full range of energy saving products and strong ability to provide supporting services. A relatively complete industrial chain has been formed. In the field of energy saving equipment, a group of leading technology products has been developed. Companies of this industry gathered and have formed industrial parks. The environment protection industrial parks in Suzhou, Wuxi and Nanjing have developed to a certain scale and formed certain characteristics. A batch of critical universal technical problems and the issue of equipment have been solved. Results have successfully been applied to practice. Meanwhile, the foundation of the energy saving and environmental protection service industry is also being built.

- **Biomedical Industry**

Biomedical industry in Jiangsu Province developed rapidly in recent years, with domestic leading place in industrial scale. Sales revenue of pharmaceutical and biotechnology industry in 2010 is 321.7 billion, 12% of the national revenue. Jiangsu has a high level biomedical industrial cluster and formed the important bases for pharmaceutical research and development in Nanjing, Suzhou, Taizhou, Lianyungang, and Changzhou.

Some products and technology are in the national lead, with industrial enzyme market share ranks first, recombinant human insulin, endostatin, anticancer treatment, Genetic engineering, Transgenic breeding and antibody diagnosis in the leading place of the country. Biomedical industry is the best and the most active areas of Jiangsu's economic growth. Jiangsu Provincial Science and Technology Department attach great important to strengthen independent initiative products, promote independent intellectual property rights and the international competitiveness of bio-pharmaceutical industry. With the industrial transformation and upgrading, biomedical industry will play a key role in the current new engine driving economic growth. Statistics show that biomedical industry has become the new representative and the new growth points in Jiangsu province to attract foreign investment.

In order to promote sustained and healthy development of bio-pharmaceutical industry in Jiangsu Province, Jiangsu government has formulated several policies on the financial support, tax incentives, industrial base construction, etc.