

Chengdu has ambitious plans for an old airport facility

By CHAI HUA

In a county next to Chengdu, the capital of Sichuan province, an old aviation center has plans to turn itself into a large industrial zone with hundreds of millions of yuan in potential output value. The only question is, how to make the best use of such a large area.

"For years, the airport has contributed a lot to the economy of western China, but now we've got a more ambitious plan to build an international high-tech industrial hub, as part of China's western development plan, and take full advantage of its convenient location and modern facilities," explained Gao Zhijian, the county's Party chief.

Airport economy

Chengdu got the idea about expanding the old 5.1-square-kilometer Shuangliu Airport and logistics park in 2010. It

wanted to build a much larger 38 sq km area, as one of 13 industrial zones directly under city government administration.

But, just how to do it was a tough question for Shuangliu county decision makers. After a lengthy series of discussions, they hit upon a reasonable way to manage the problem.

The group of officials contacted Netherlands Airport Consultants BV and the Chengdu Planning and Design Institute to handle the strategic research and overall planning of the project, and the job was done by the end of 2010.

Some of the planning concepts involved high-level industries, city-airport integration, establishing a traffic hub, and a garden-like environment, while making best use of available resources, including the airport, airline companies, and subways.

Once the planning problem

was solved, the next issue was how to manage an international complex of this type.

So, a new company was set up in September 2010, with 500 million yuan (\$78.4 million), to handle the overall design and construction work.

At the same time, some traditional industries, manufacturing in particular, were finding the Shuangliu plan attractive. In all there were 38 projects, 12 of them now in operation, involving a total of 5 billion yuan.

A second runway and cargo center were added. The existing streets and roads were well suited for logistic and other facilities and made transportation convenient.

In 2011, the zone is expected to have 3.5 billion yuan in fixed assets investment, 41.2 billion yuan in sales, and pay 1.8 billion yuan in taxes.

By the end of 2015, it hopes to increase its assets to 8.7 bil-



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The Chengdu international airport complex expects to become a major traffic hub for western China and a new force in the city's economy.

lion yuan, sales to 100.3 billion yuan, and taxes to 4.5 billion yuan.

Over the next five years, the Chengdu international airport complex expects to become a

major traffic hub for western China, and a new force in the city's economy.

A county with big ideas for the energy sector

By CHAI HUA

Recently, Shuangliu county in Sichuan province, which has one of the strongest economies in all of western China, has even bigger plans to become a new energy and manufacturing complex, centered on solar, nuclear and wind energy.

It already has a new energy industry base with great potential, and had one of China's top 100 new energy industry parks, in 2009 and 2010.

The county has an aviation industry zone with 39 new energy projects, each with an investment running in the hundreds of millions yuan. Total input amounts to 79.38 billion yuan.

When all of the projects are fully operational, they will generate 8.5 gigawatts of power and 4.5 gigawatts, from wind energy.

Sales of the county's new energy output rocketed to 13.8 billion yuan last year. The corresponding figure for 2008 was 800 million yuan, and, for 2009, 5.3 billion yuan.

The figure is expected to break the 20-billion-yuan barrier this year, and even go to 100 billion yuan, by 2015.

The area has a complete industrial chain and some of the best research and development levels in China.

Its work has been recognized by China's Science and Technology Ministry and the National Development and Reform Commission.

Their vision is to build China's first 'Smart City' from the IOT industry



Ground-breaking ceremony for the Shuangliu IOT industry base in the Shuangliu area of Chengdu, in September, making it the first base of its kind in China.

By CHAI HUA

The Internet of Things (IOT) — a global network that links physical and virtual objects through data capture and communication (European Union definition) — is becoming a major new industry in China, especially in one particular county.

Shuangliu county, which is under the jurisdiction of Chengdu, the capital of Sichuan province, began developing its IOT capabilities back in 2006.

In May, 2010, Chengdu recognized it as an IOT industrial base.

Gao Zhijian, the county Party chief, when asked about their vision for the future, replied, "Our goal is to be China's first 'Smart City' and to make Shuangliu a name that cannot be ignored wherever and whenever IOT is mentioned in the world."

The county is one of China's first IOT centers in the areas of security, intelligent disease control, and financial systems technology, and wants to be a national demonstration center for IOT research and applications, within three years.

The center has specific object identification, sensor,

and connection capabilities and contains some major companies, such as Chengdu Ganide Technology Co Ltd, Measurement Specialties Inc, and the Datang Telecom Technology Co Ltd.

County officials have drawn up a three-year development plan for 2010-2012 to attract more than 20 large companies with total investment and annual output value each above 10 billion yuan.

To finance its projects, the local government has established a 200-million-yuan fund for IOT development and, by the end of the 12th Five-Year Plan (2011-2015),



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GAO ZHIJIAN
SHUANGLIU COUNTY PARTY
CHIEF

expects IOT revenues to reach 50 billion yuan.