

### RETIREE PLANTS TREES TO TRANSFORM COMMUNITY

By YIN RUOWEI yinruowei@chinadaily.com.cn

Li Hongqi, 87, is not called the "grandfather of the trees" for nothing. He has been planting trees for Jinchuan since he retired from Jinchuan Group in 1996. Some of the area he tilled in has been named after him.

Li who was originally from Shandong province, is a straightforward person with a booming voice. "I came here in 1950 and was in charge of the canteen," Li said. "Despite harsh conditions in the early 1980s, I stayed positive. I believed that one day Jinchuan will get better and the country will get better."

In 1996, when Li retired and moved to the No. 6 residential district belonging to Jinchuan, he found the area strewn with garbage and quickly made a decision. "I wanted to plant trees on the 17 square meters of land," Li said. "I bought pickaxes and shovels, borrowed tools and encouraged my family to help me. We dug out seven ponds and 84 bumper trucks of waste rocks were cleared out. In the following year, I planted seven willow trees."

When these willow trees sprouted in 2000, Li's neighbors joined him in the efforts. "The environment in the district was improved, but the waste treatment plant nearby became a headache," Li said. "On rainy or windy days, garbage would fly through the air."

To solve that problem, Li led his team to plant more than 6,000 trees and 20,000 sq m of flowers. That year, the residential district he lived in was named a provincial green civilized community, and Li became known as the "grandfather of the trees."

In 2004, Li turned his attention to an abandoned mine area at the back of the district. "I was poor but I was used to be the guardian of the machines, but now we know how to program and fix them," Bai said. "This is the mission and responsibility that Jinchuan, as a State-owned business, should undertake."

Joining hands with the local government, the group has made efforts in sectors including industrial chain development, industrial coordination promotion, volunteer services, common wealth and pandemic prevention and control.

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The free training provided by the company is an important reason for the growth of workers' business capabilities in Kinensenda. The training provided by the company includes online and offline courses at home and abroad, business conferences and lectures by well-known experts in the industry.

"In Kinensenda, we work in a multicultural environment. It is enjoyable to work with Chinese people. They are full of enthusiasm for work and life. They are happy to share their work experience. We can get along well and make improvements together."

Under these pressures, Yang and her colleagues, a team of three, worked day and night on the project design.

"I was assigned to have 15-day training in the United States during my work on the project," Yang said. Despite the time difference, Yang was busy with daily classes being held in the US while working with the domestic team to ensure the smooth progress of the project.

"It was extremely exhausting during that period," she said. After almost six months of effort, they completed the challenge to hand in the project's design scheme.

Not just for the company, innovation is the major driver behind the rapid growth of the group and even the whole industry, she said.

"It is Jinchuan's convention to get over technological difficulties through cooperation with universities and colleges," she said.

Before 2014, there were no high-temperature alloys in Jinchuan. Now the group has developed its product portfolio of cast, powder metallurgy and wrought superalloys, which are essential materials in the aviation, military and other sectors.

"We have grown out of nothing, and now our high-temperature alloy business is taking shape," Yang said.

"We have made great advances in research and development and aim to become one of China's leading suppliers in the near future," she said.

"We will be involved in endless projects in manufacturing, such as conventional and high-end mining, Research and Design Institute, should have hung up her spikes in March, but the 55-year-old accepted the current deputy general manager of the Lanzhou Jinchuan Technology Park, a subsidiary of Jinchuan Group.

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### FRONT-LINE WORKER SEIZES NEW OPPORTUNITIES

By YIN RUOWEI

When Bai Xiang got a job as a worker at the Nickel Smelter of Jinchuan Group, he never thought he would be an automation workshop in such a high nonferrous metal producer.

By observing the changes in colors, Pan is able to figure out the contents of different materials and then adopt appropriate technology to recycle the waste. Meanwhile, his expert technique has helped to produce a final metal product with a purity of 99.99 percent.

"Now I not only want to improve myself, I want to pass on my skills and knowledge to students and new employees in Jinchuan," he said.

Over the past three years, Pan has tutored more than 100 students, who range from college graduates, postgraduates and PhDs to vocational school students.

"This result is partially based on the calculations of my work and practice. It was not achieved overnight," Pan said.

Finding problems in practice and fixing them are essential to every skilled worker, he added.

"Skills are fundamental to every front-line factory worker. Our country is promoting high-quality development. This factory workers like us should work to contribute to the country's manufacturing. No matter how advanced a technology is, it requires front-line workers to carry forward a craftsman's spirit."

Practice makes perfect is a strong belief of Pan Congming. It has taken him nearly 30 years to chase his dream to shine in the precious metals industry.

Pan, squad leader of the metal refining group at Jinchuan Group Copper Co., has been devising and developing a technique for extracting more than eight rare and precious metals from the slag of copper and nickel smelting. He also developed a technology to extract platinum, palladium, rhodium and iridium metals from the anode material of nickel.

Pan was honored as a national skilled master and is the first factory worker representative in North-west China to win a prize at the State Scientific and Technological Progress Award.

"It is Jinchuan's sound innovation atmosphere, which encourages everyone to blaze new trails everywhere and at every moment," Pan said. He credited his achievements to the group's support.

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### PURSUIT OF PERFECTION DEFINES EXPERT'S CAREER

By LIANG KAIYAN

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China's precious metal resource reserves only account for 0.30 percent of the world's total, with 90 percent of them extracted from slag.

"Our resources cannot be taken away," Pan said. By persevering in honing his skills and expertise, he has developed a technique for extracting more than eight rare and precious metals from the slag of copper and nickel smelting. He also developed a technology to extract platinum, palladium, rhodium and iridium metals from the anode material of nickel.

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"I ask every student to hand in at least 20 pages of intern or practical reports every month," he said.

In recent years, Pan has devoted himself to compiling books and documents with more than 300,000 words. He has also summarized more than 600 technological results, as part of efforts to develop the precious metals industry and boost talent cultivation.

"Practice without a theoretical basis is unsustainable," Pan said.

To date, he has engaged in nine scientific and research projects at national and provincial levels. On top of this, he has completed 218 innovation projects of Jinchuan Group.

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"We have grown out of nothing, and now our high-temperature alloy business is taking shape," Yang said.

"We have made great advances in research and development and aim to become one of China's leading suppliers in the near future," she said.

"We will be involved in endless projects in manufacturing, such as conventional and high-end mining, Research and Design Institute, should have hung up her spikes in March, but the 55-year-old accepted the current deputy general manager of the Lanzhou Jinchuan Technology Park, a subsidiary of Jinchuan Group.

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"We implemented the national and Gansu province working guidelines, combining on-reform key sectors entering on management innovation," Yang said.

The chairman and his team proved their mettle in weathering the storm.

Since 2017, Jinchuan has maintained robust growth in its operations. During the 13th Five-Year Plan period (2016-20), the average annual growth of Jinchuan's operating revenue was 6.3 percent. Meanwhile, the rate of industrial output value was 14.23 percent and the rate of profit stood at 61.41 percent.

"Looking back over the past 10 years, I feel deeply that only reform and innovation can lead to a successful business. Without deepened reform and driven by innovation, there would be no Jinchuan today," he said.

Everyone takes a role in the group, the chairman noted, explaining that corporate executives should offer development strategies, middle managers are supposed to use their expertise to lead teams and grassroots workers are expected to be practitioners.

"Jinchuan advocates motivating employees with culture and then working together to create value. This is key for the group to set the upper hand," Wang added.

As a native to Jinchuan, a city that was built because of Jinchuan Group, the executive keeps giving back with his hometown, but the waste treatment plant nearby became a headache," Li said.

"On rainy or windy days, garbage would fly through the air."

To solve that problem, Li led his team to plant more than 6,000 trees and 20,000 sq m of flowers. That year, the residential district he lived in was named a provincial green civilized community, and Li became known as the "grandfather of the trees."

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"It is the firm belief and aspiration that brings all Jinchuan people together. This is Jinchuan culture, the most cherished treasure and strongest spiritual power of us."

Wang Yongqian, chairman of Jinchuan Group

Grace Musas, an employee of Kinensenda Copper Company

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