



Celebrating  
**60**  
YEARS | Because of my  
**EISENHOWER  
FELLOWSHIP...**



### **DR. LIANG GUI, 2001 CHINA**

Chairman, University Council: Northwest Agricultural & Forestry University & General Secretary of Central Party School Committee of Yangling Agricultural Hi-tech Industry Demonstration Zone

Dr. Liang Gui focused on the development of policies, strategic planning, and policy making in the high-tech industry during his program. Upon his return to China, he served in a number of different roles related to technology development for the Chinese government, and believes his fellowship experiences had a great impact on his work.



In 2001, Liang Gui was assigned as Chief in the Technology Bureau in Pudong New Area, Shanghai. Directly managing the Shanghai Zhangjiang Hi-Tech Park, he utilized lessons from his fellowship to redesign the policy for the technology industry in Pudong New Area and to cultivate and develop a high-tech industrial park. His proposal was recognized by the Shanghai Municipal Government and the management department in Pudong. Liang Gui introduced a range of policies to support high-tech entrepreneurship development, which attracted a large number of students studying abroad to return and start businesses in China. By encouraging cooperation between local chip designers and top semiconductor enterprises, he increased the participation share of the local companies and formed a value chain system in the microelectronics industry.

In 2004, Liang Gui was promoted to the Torch Center in the Ministry of Science and Technology due to his outstanding performance in Pudong New Area, where he designed a general development plan and proposed a seedling and forestation plan. Soon after that, a management policy for more than 300 technology markets was introduced. The new policy defined how technologies should be utilized by commercial industrial organizations, and how to encourage industry and universities to incorporate scientific research. This policy of technology transfer was inspired by Liang Gui's Eisenhower Fellowship. Under his auspices, a series of policies was formulated by the Ministries of Science and Technology, and of Finance, and Commerce which became an important technology transfer incentive plan in China.

Under Liang Gui's leadership, more than 300 national incubators were established in China in the early 2000's. Angel investors, business mentors and entrepreneurial facilities connected with each other more closely, and private capital was encouraged to invest in incubators, which upgraded the Chinese-owned technology business incubator system. From 2004 to 2011, a majority of the new innovative technology companies listed in the Chinese stock exchange were related to this program. In the meantime, Liang Gui applied lessons learned from the U.S. Small Business Innovation Research and from angel investors to create the Innovation Fund for Small and Medium Enterprise in the Torch Center.

Due to Liang Gui's direct efforts, the system of national Hi-Tech Zones in China was upgraded. To date, about 60% of total R&D investment in China has gone towards Hi-tech Zones. In 2012, total output value from all the Hi-tech Zones reached nearly 800 billion USD; which has played a crucial role in the Chinese economy. Additionally, in 2010, armed with ideas of innovation, Liang Gui took on a role as the lead of the China National Agricultural High-tech Industries Demonstration Zone in Yangling. By setting up a technology start-up fund, more than 100 high-level agricultural technology start-ups were formed and benefited.

Liang Gui is certain his Eisenhower Fellowship "has changed his leadership, thoughts, and actions." He believes the major benefit of his fellowship is how it influenced his "systematic thinking, innovative spirit and responsibility, particularly the sense of mission."

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