

Abstract

Since industrial revolution, the manufacturing industry of the industrial district has been Taiwan and economics lifelines and competing for advantage of various countries all the time, the economic development demand of period that but the industrial district should be different, offer the industries of different types of produce area, produce area demand and accelerate industry's developing with the satisfaction manufacturer. Change, globalization competition and new industry development through time, some development goals unable to maintain in the past again of industrial district, produced the demand for wearing out and making the transition gradually. So, carry on research and develop (R&D) because of needing in conformity with the innovation of enterprise's production technology Improve and reach the main way of technological innovation. But how should R&D be carried out effectively? According to forefathers' discussion, to refer to the interdynamic of 'Innovate' activity among the persons who involves different actions, is the key factor that competition advantage and manufacturer survive. In addition, as to manufacturer, the network has offered the chance that the interdynamic study and knowledge transmit in the district, the manufacturer can be also through linking obtaining external resources to mend strong one's own inherent terms of the network, promote innovation ability and effect. So, combine the innovative concept and network structure of innovative network way, can impel the persons who will take action of every aspect to build cooperate in researching and developing the platform together, and then reaching industry re-development of industrial district.

Because of this, this text is from the angle of the manufacturer, by the way of deepen interview with the manufacturer in the district with the questionnaire, attempted to find out how the network relation among four actions person of manufacturer, government, educational institution and research institution who make up innovative network structure takes shape, and choose to investigate the case for the real example in Taichung – DaJia Youth industrial district, one of the two recycled demonstration industrial districts of the whole country 2008 to be issues of analysis, that can make use of what cause the factor of manufacturer to create and invent and whom innovative network's respectively face of the way how to constructing. Find after the real example is analysed, as to DaJia Youth industrial district's manufacturer in the industrial district of Taizhong, Influence manufacturer and innovative network of manufacturer build factor of constructing is 「Increase outside manufacturer garrison in the industrial district」; Influence the innovative network among academic research institution and manufacturer to build the factor of constructing is 「Graduate's skill of universities and colleges of neighboring area」; Influence the innovative network among the government and manufacturer to build the factor of constructing is 「The forming of industry's network is by government's leading factor」; Influence innovative network of company build factor of constructing is 「The development of New products or new process」, If government concerned can strengthen improving to this four factors, it would be able to lead the manufacturer of DaJia Youth industrial district to construct innovative network effectively, and then promote the industry to re-develop. The model of real example analyses and the process of method using in this text, also can duplicate and apply in other industrial districts which have the re-development demand. In order to Offer the concrete suggestion to make the relevant reference which manage the system of the decree as the government.