

閒置工業地景再造之可行性研究--以「新竹市李長榮化工廠」為案例

林函妤, 陳湘媛

景觀建築學系

建築與規劃學院

sharon@chu.edu.tw

摘要

In recent years, Taiwanese people are getting more conscious of "localization". The international trend of cultural and creative industries makes people here rethink about the historical significance and value of traditional industries. The government also encourages relevant projects on expediting the development of cultural and creative industries as well as reuse of abandoned space. According to our investigation, many projects of cultural innovation or reuse of abandoned space could not operate properly because of lacking long-term funding or regulation constraints. In addition, lack of professional input and local people's support during the planning process also makes these projects hard to meet residents' expectations. Some of the reconstructed cases became abandoned space again after reconstruction.

The L.C.Y. Chemical Corporation, located in 'Jiou-Jia-Pu Industrial Park' at 'Shui-Yuan District', was founded in 1972 for producing toxic chemical materials such as formaldehyde and 2,3-dimethylaniline. Owing to poor control during the manufacturing process, it caused environmental pollution including air, water and noise pollution, and made a strong impact on the residents' health and living quality. After years' petitions and protest from the local residents, the L.C.Y. Chemical Corporation stopped its operation in 1988 and then became an abandoned site. The Shui-Yuan District was a traditional well-watered agriculture area in Hsin-Chu due to its location near the Tou-Chian River. However, in order to supply sufficient water for the Hsin-Chu Science Park, the government planned to change the usage of this district from agriculture to multiple purposes area. Therefore, the site of L.C.Y. Chemical Corporation was planned as a junior high school campus, train station plaza and residential area.

As the expanded urban planning of Hsin-Chu City, a lot of traditional

agricultural landscapes are being destroyed. The purpose of this study is to activate and keep the collective memory for common space and culture through remolding the L.C.Y. industrial landscape. Finally, it is expected to inspire a new vision for the Shui-Yuan community, and environmental protection or education in Taiwan.

關鍵字：Keywords：reuse of abandoned space, cultural and creative industries, sustainable development, industrial landscape.