

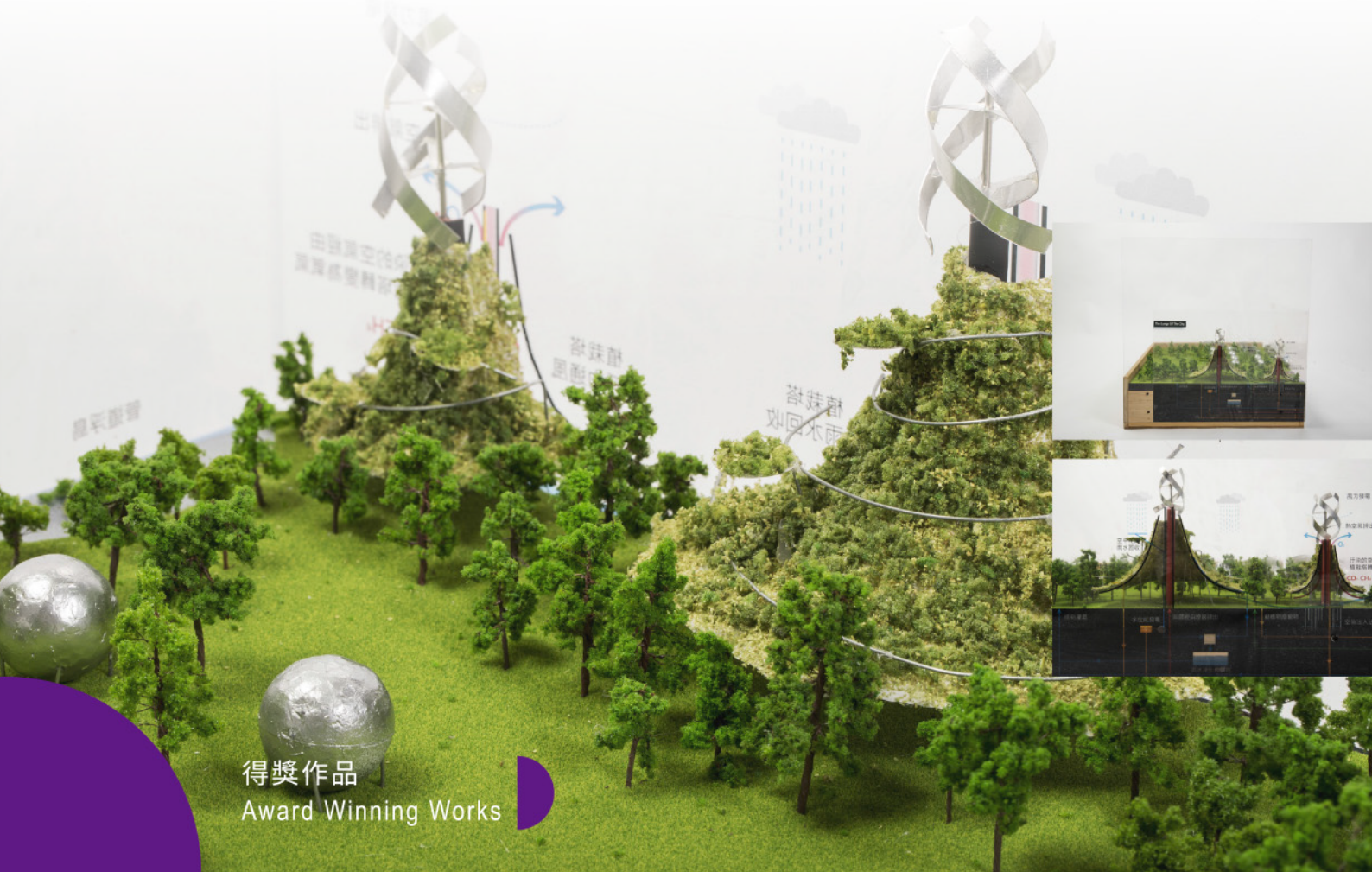
2015環境關懷跨領域設計競賽 ▶ 佳作 ▶ 網路票選第二名

廖哲緯

都市之肺－後勁生態淨化園區 ▶ The Lungs Of The City

後勁地區歷經數十年的石化工業污染，嚴重損害人民的健康與生命財產，也引發了臺灣史上最長時間的反污染抗爭。鑑於2015年中油高雄煉油廠及五輕即將關廠，後勁社區殷切期望能將187公頃的受污染場址轉型為生態公園，提供當代及後代子孫永續環保之用途。希望藉由生態與科技的方式將其淨化並轉化為工業遺址與生態園區，將遍布全區的管線、煙囪、油槽轉換為淨化和復育的功能，設置浮島、垂直植物塔、管線淨化系統，使整個園區達到土地再生的效益，成為全國最大的生態復育園區。

The petrochemical industry not only has been causing industrial pollution which has seriously damaged the health and property of the people in HouJing district for decades, but also led the longest antipollution protests in Taiwan's history. Considering that Kaohsiung's oil refinery is shutting down in 2015, the HouJing community hopes that the government could transform the 187 hectare contaminated sites into an ecological and sustainable environmental park for present and future generations. By recycling and reconstructing all kinds of chimneys, storage tanks, liquefied petroleum gas tanks, and industrial pipes which covered the entire plant, the area can be transformed into different functions for environment purification. Finally, the entire park can provide the benefits of land regeneration and become the largest ecological restoration park in Taiwan.



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