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都市綠能循環站 ▶ Urban Green Energy Cycle Station

本設計試圖創造一個自給自足,並完整利用環境因素及自然資源的共生能源供應站。利用新型態的發電形式結合生機共生系統,將原有建國花市移植並結合市集,融合基地環境的大安森林綠意,更順應都市人之急促生活型態,在橋下空間創造出新的生活文化。基地地址位於臺北市重要的交通幹道之下,該路段長約一公里;臺北市年平均降雨量高達51%,能在能源循環的概念之下以壓電設備在一小時內產生500千瓦的能量,足夠於一天內充飽雨百輛電動車,為都市共生未來的一大利多;同時也是一片生氣盎然的都市綠洲,能夠過濾水質、淨化空氣。

The design attempts to create a symbiotic and self-sufficient energy supply station that makes full use of natural resources and the surrounding environment. The symbiotic system will use new types of power generation in combination with the area's vitality readapting the longstanding Flower Market along with the Marketplace to meet the needs of the people and their fast-paced urban lifestyles, establishing a new lifestyle and culture within the space under the ridge. The average annual rainfall is as high as 51 percent in Taipei. If it is possible to recycle and reuse this energy by constructing a self-sufficient energy station in the center of Taipei basin, then the symbiosis of the city and its surrounding environment will be attainable in the future. City residents lead increasingly busy lifestyles, their diet consists mostly of eating out, they can choose to focus on quick shopping in the city, establishing a win-win situation between healthy living and eating.



