張晉銘

創意遊具-自發電照明系統 光丘▶ Luminous Hills

在任何一座城市公園裡,公共開支(照明)總是政府的一項重大支出。怎樣才可以減少這些支出呢?我們的設計目標是把兒童遊玩時動作所產生的動能,轉換為提供遊戲場域照明的電能,提供夜間時的照明再利用。以創造嶄新遊戲體驗為核心利益,利用「地產地消式」以及壓電發電作為基礎建構光丘機構,將兒童在光丘上遊憩時的動能轉變成機械能,成為環保的照明方式。

Illumination for parks in the cities has always been a huge spending for the government. How can we reduce these costs? "Luminous Hill"aims to transfer kinetic energy from actions of children playing on gaming equipment, to electricity for an environmentally friendly lighting system at night. It applies the idea of "local consumption and piezoelectric generator" as construction mechanism to create a new gaming experience as the core interest, so it not only provides a safe playing field for children but also protects the environment.





