



2020「中技社科技獎學金」

2020CTCI Foundation Science and Technology Scholarship

創意獎學金

Innovation Scholarship



國立臺灣科技大學

NATIONAL TAIWAN UNIVERSITY OF SCIENCE AND TECHNOLOGY

建築系碩士三年級 葉芷婷 / 建築系大學四年級 馬朗文

指導教授：陳彥廷教授

創意成果：

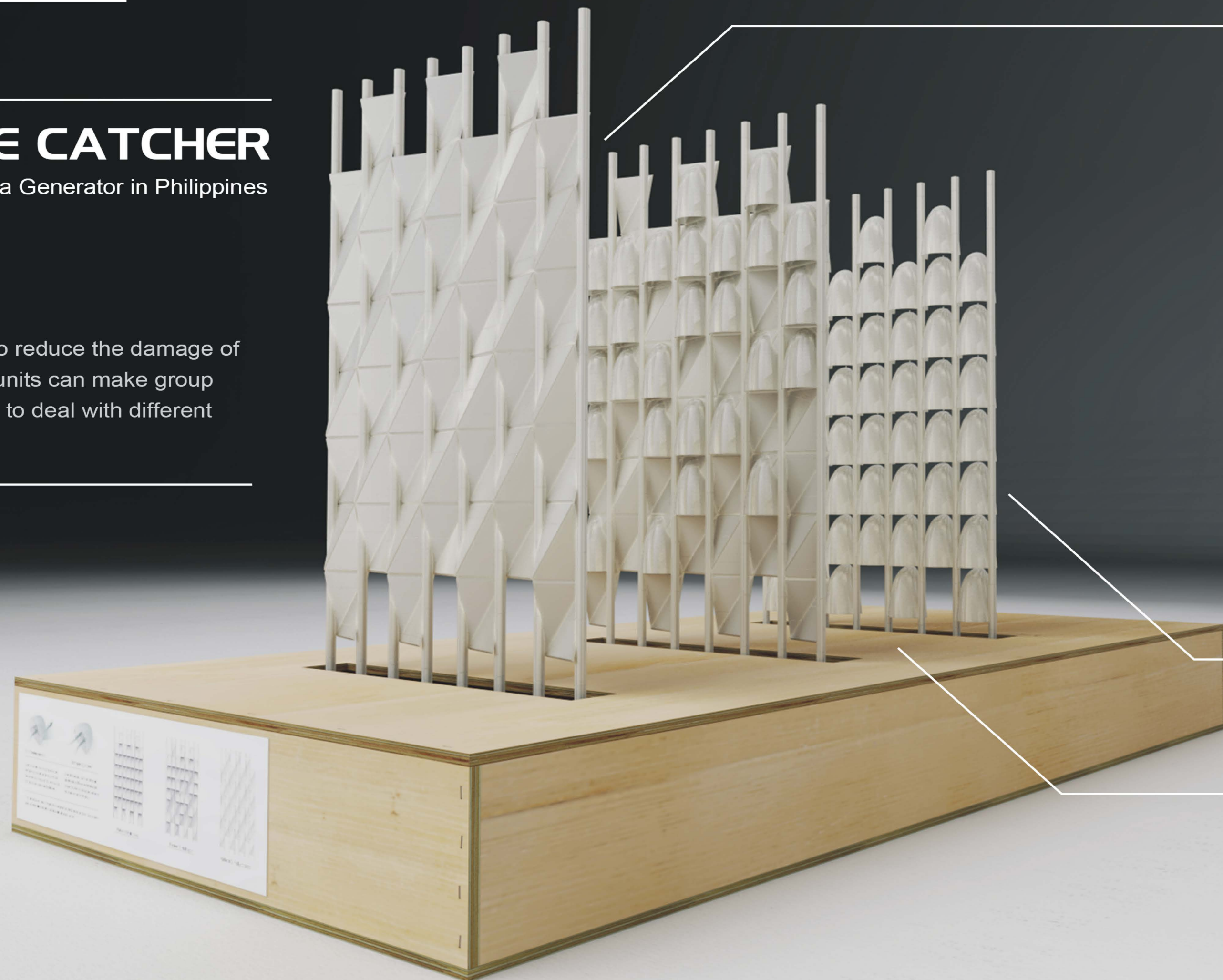


CYCLONE CATCHER

The Mix-used Mega Generator in Philippines

DETAIL

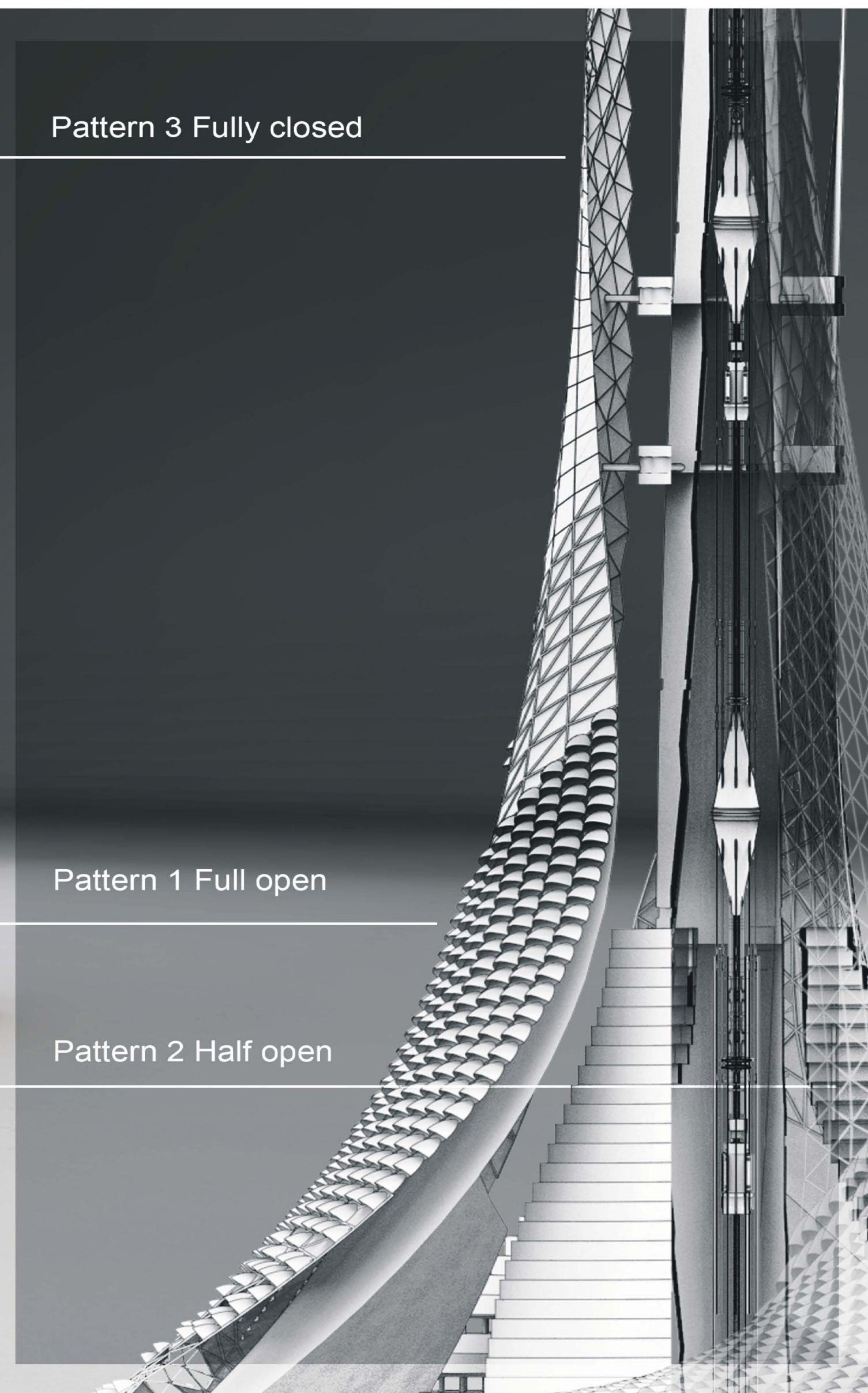
The unit open and close to reduce the damage of the blend. Moreover, the units can make group as three different patterns to deal with different situation.



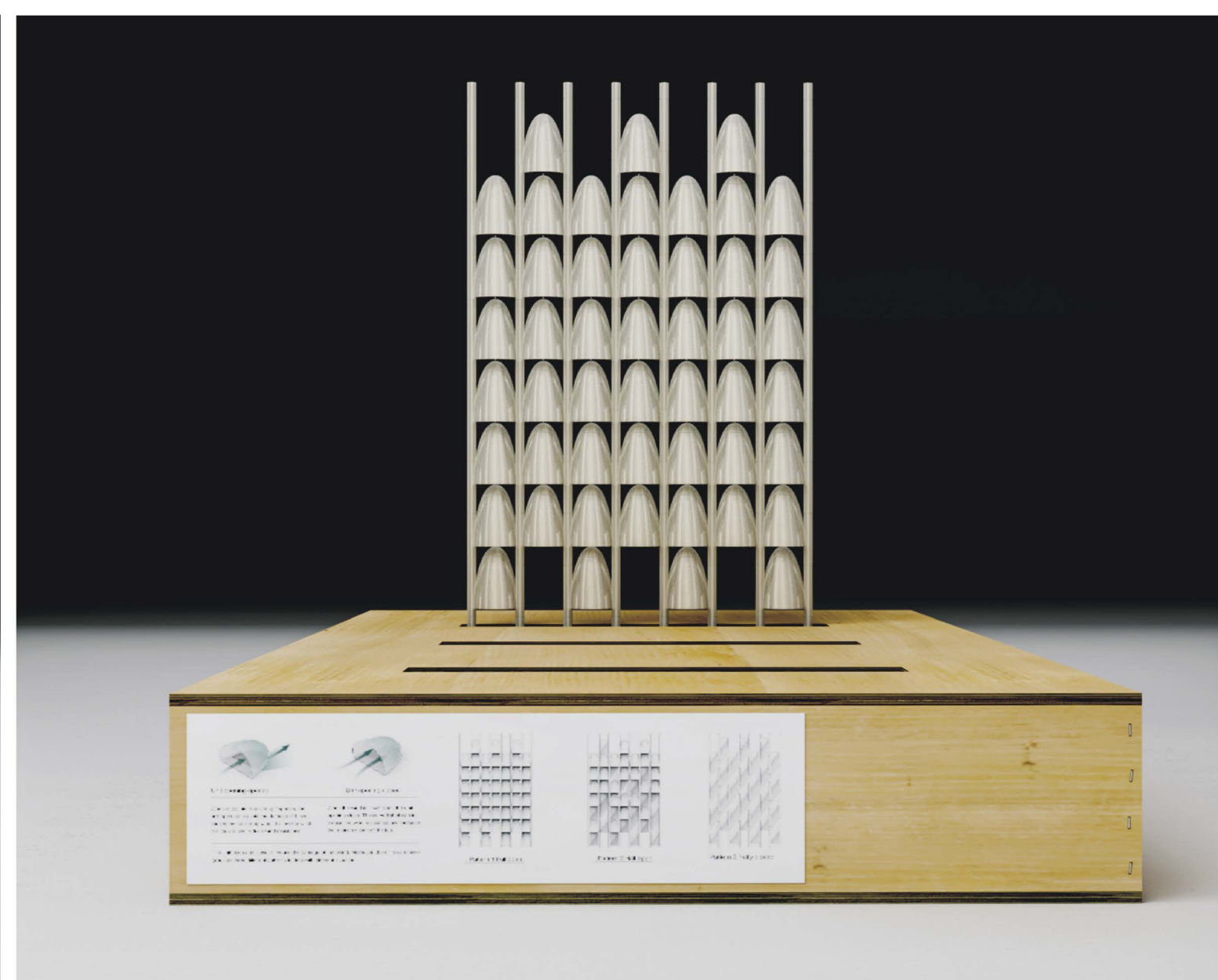
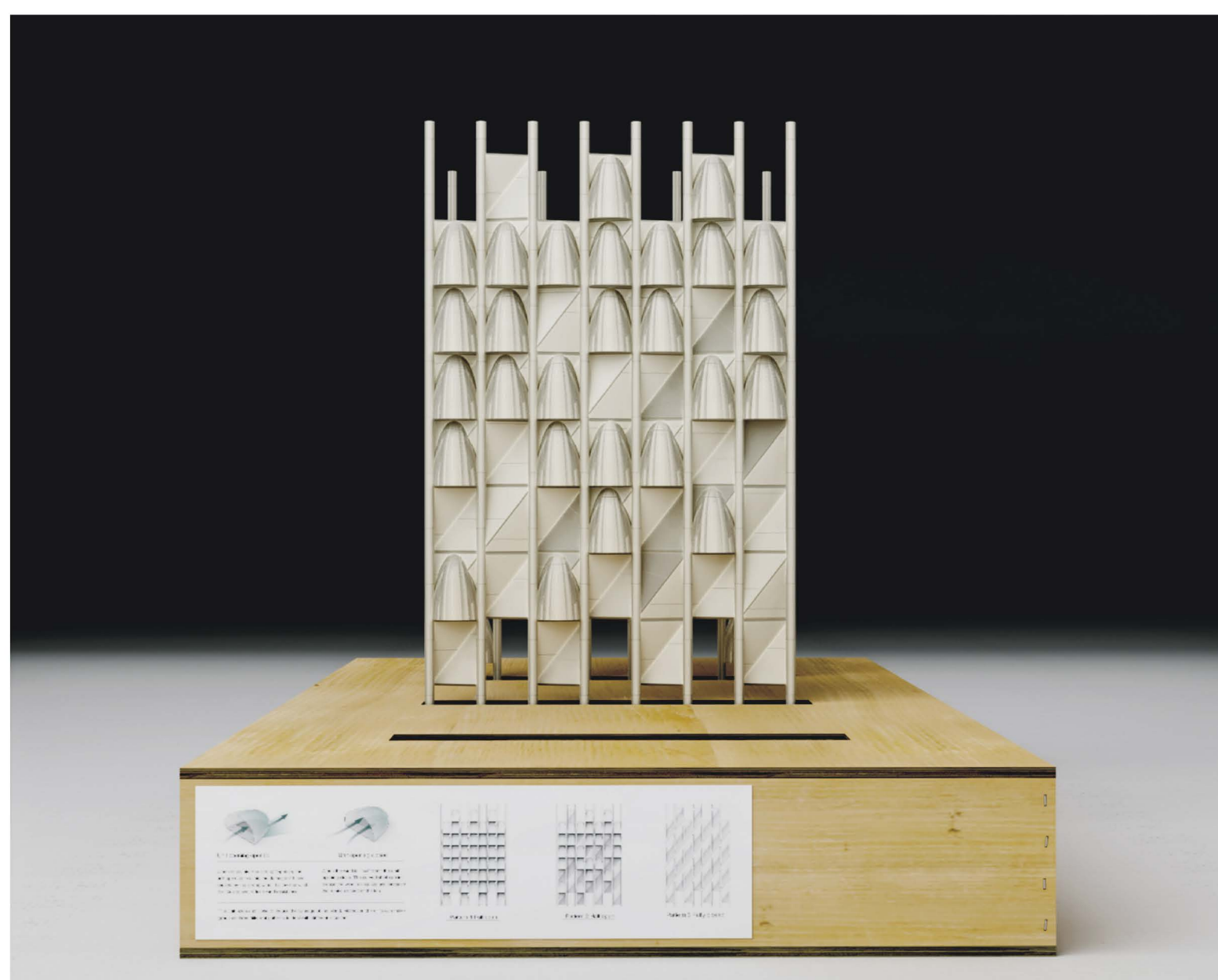
Pattern 3 Fully closed

Pattern 1 Full open

Pattern 2 Half open

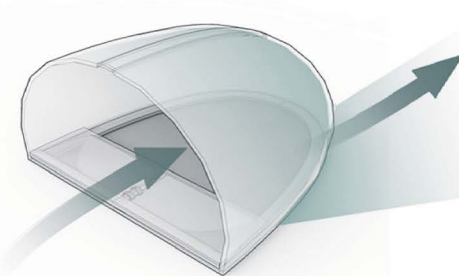


創意重點：



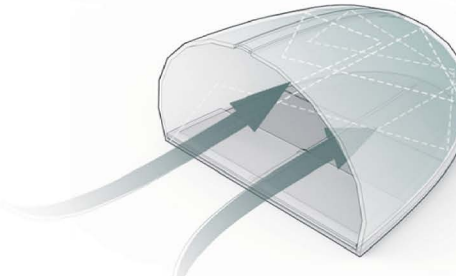
創意心得：

非常感謝中技社提供學生這個平台及機會分享自己鑽研的作品及新想法，並提供資源讓學生的想法能更上一層樓並邁向實踐的可能性。各位評審老師在決選簡報時都仔細探討作品的實踐性、創新性、永續性及未來性，並提出許多實務上的問題及建議，讓作品能夠以另外的觀點切入延伸或繼續精進。只見每間學校能夠入圍決選的團隊及個人作品都非常的令人驚豔，想要與各間學校及不同專業領域的高手們認識交流。在我們團隊的觀點，中技社不僅是提供有想法的學生能夠將自己投入許多心血及時間的作品有實踐的可能，更是一個跨領域的平台匯集各界人才的一個交流場域，使我們不僅在自己的領域上持續加強，並能會同不同專長的人共同討論出新的可能性。



Unit opening opened

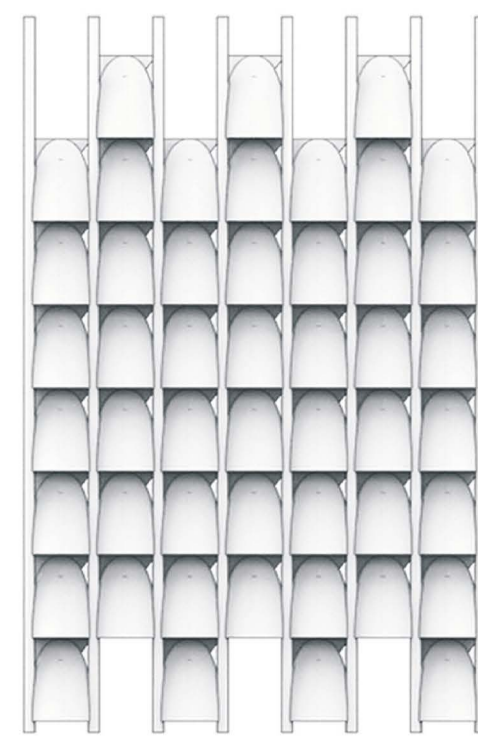
When encounter the strong Typhoon, the unit open up to avoid the damage of bland caused by the strong wind. It allow the wind to circulate and reduce wind resistance.



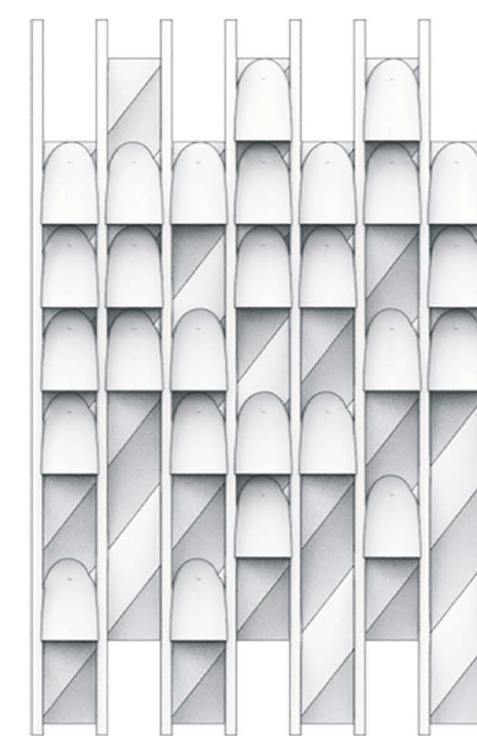
Unit opening closed

When the wind is insufficient, the unit opening close. The curved shell can increase the wind resistance and increase the rotation speed of the fan.

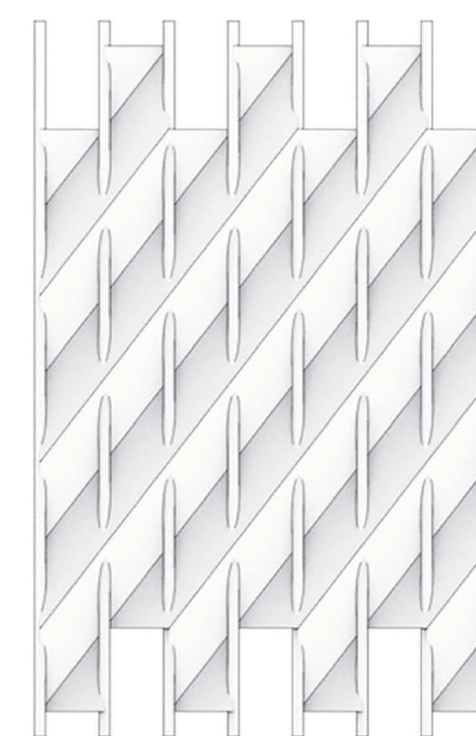
The unit open and close to reduce the damage of the blend. Moreover, the units can make group as three different patterns to deal with different situation.



Pattern 1 Full open



Pattern 2 Half open



Pattern 3 Fully closed



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