

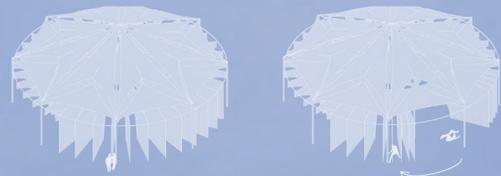
# Beyond the Pattern

The thin steel pillar structures are used to sustain and move the tents by two winches, the first one moves the **solar cells** tents improving the daily energy production, the second winch, present only inside Prototype M's pillar, is manual and allow the visitor to move the 1st layer of textiles in order to **create different spaces**, in this way even the energy produced by the visitor is stored. The bottom part of every central pillar is devoted to storing the **battery**. During the night OLED textiles **light up** the three prototypes allowing the visitors to use the artworks **24 hours**, those textiles are composed of friction nano-generators to produce energy while waved by the wind. The last layer is used to intercept the **wind force** to generate electricity, where the wind belt based metal sticks are connected each other to enhance the wind force.

## Section Prototype M



## Tent's movement



Close

Open

## Prototypes' elements

550 KWh (daily)

4th layer  
Fabric  
Wind belt

2522 KWh (daily)

3rd layer  
Solar cells  
Fabric

30 KWh (daily)

2nd Layer  
OLED  
Fabric

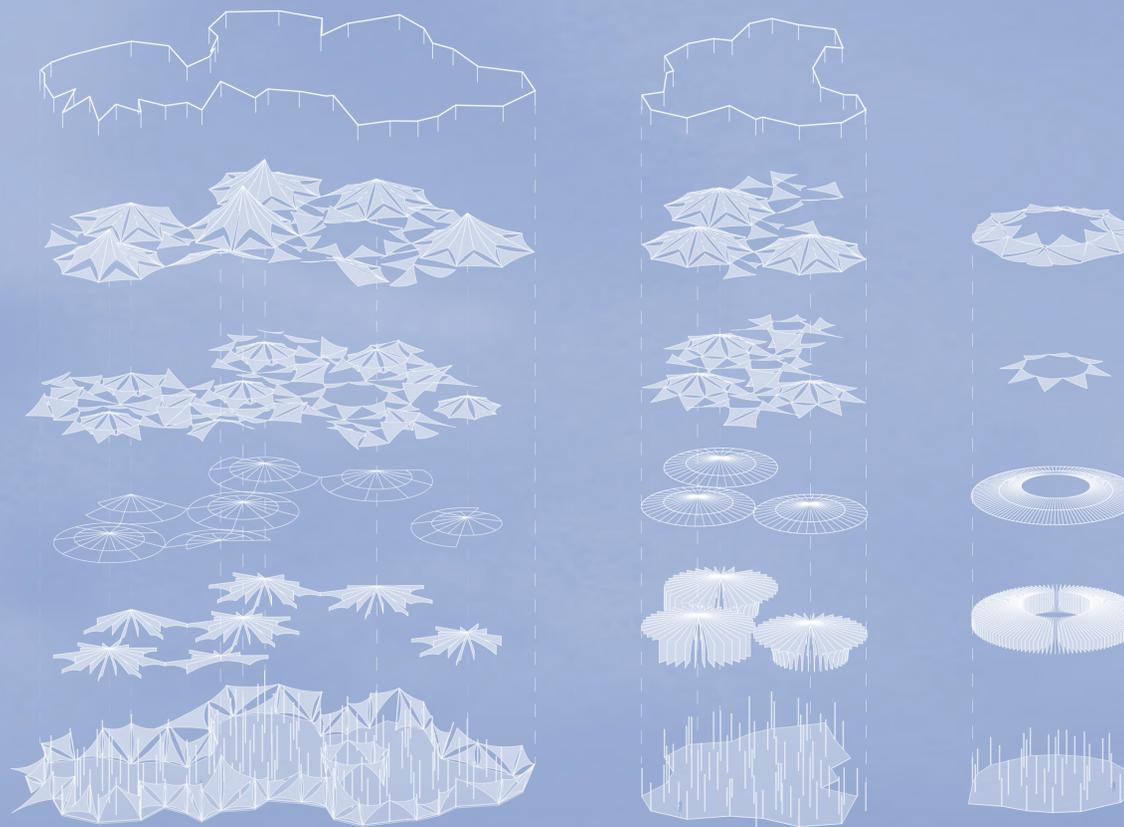
Beam  
Structure

1st layer  
Fabric

24.5-50.4  
KWh (daily)

Pillar structure  
Fabric walls  
(Prototype L)

**1015 MWh (year)**



Prototype L

Prototype M

Prototype S

## Pillar section

