Prefabricated modular Units

Combining 4 units of the prefabricated module generates the entire structure.

728 Solar Panels
300 WATT
Energy produced per panel per day 1.2 kWh
Energy produced per day 873.6 kWh
Energy produced per month 26,572 kWh

The steps can be used for sitting and reading books or as an amphitheatre seating with an activity being performed in the front as well as for accessing the slides.

It aims at providing a modular prefabricated renewable energy infrastructure. The single module contains 182 Solar Panels of 300 Watt capacity which generates 1.2 kWh/Day. The total clean energy that can be harvested from the 4 units containing 728 Solar Panels per day is around 873.6 kWh.

Each of the Solar panel are tucked within lightweight frames made of aluminium, and further reinforced by 3.2mm thick anti-reflection coated glass which allow the panels to perform at optimum rates while improving durability.