

ENERGY FOREST IMPLEMENTATION

The Energy Forest also provides shade and protection from the elements, serving as a comfortable and well-ventilated space for community activities, gatherings, and children's play. To facilitate nighttime community activities, lights are strategically installed on the Energy Trees, illuminating the area. During festivals and holidays, the Energy Forest can be transformed into a vibrant performance venue or a bustling marketplace for tourists. Decorations can be added, and the space can be arranged to accommodate various activities, gradually establishing it as a prominent and beautiful landmark in the area.

COMMUNITY PARTICIPATION



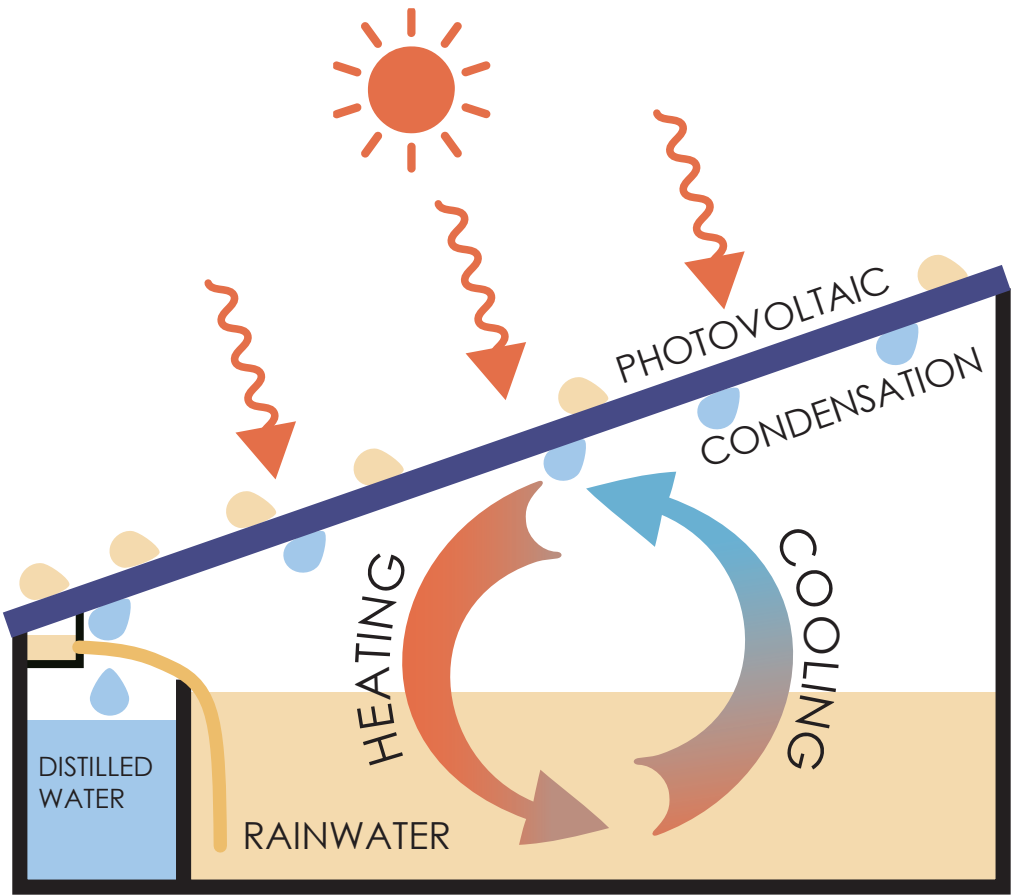
RESIDENT & VISITOR ACTIVITIES



COGENERATION SYSTEM

PHOTOVOLTAIC - DISTILLATION
ENERGY - WATER

The residual heat generated by the solar panels is transferred to the rainwater collection tank below to assist the distillation process. While the water tank raises the temperature for distillation, it can also cool the solar photovoltaic panels. In this way, the various components within the system cooperate with each other to achieve the highest possible efficiency.



ENERGY TREE MODULE DIAGRAM

3m × 3m × 0.6m, for example, can be combined into 6m × 6m × 0.6m modules

