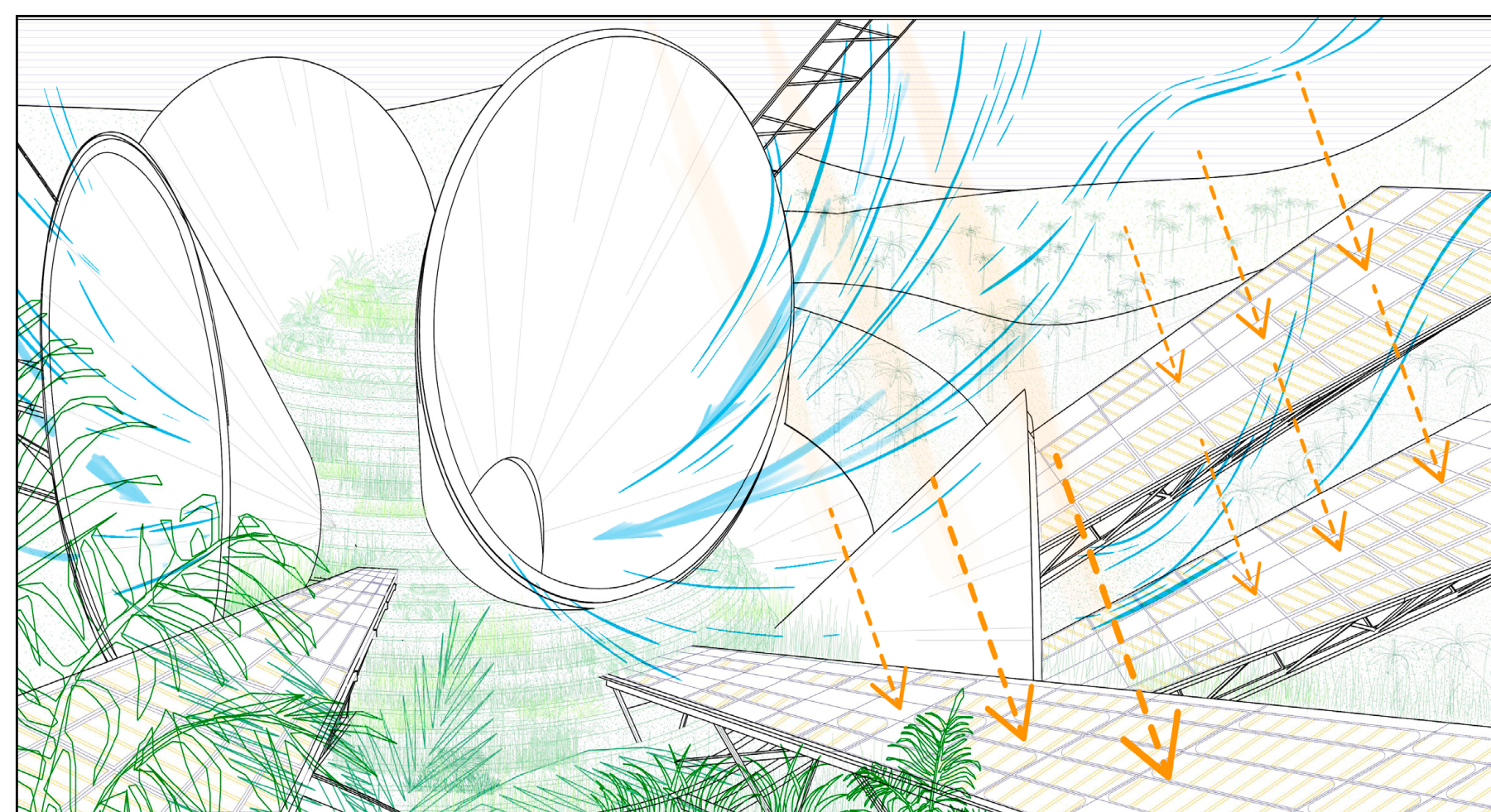


Our Innovative Water Condensation Unit:
Our installation combines efficiency and striking design, making it not just a source of fresh water but also a landmark attraction for tourists and locals.

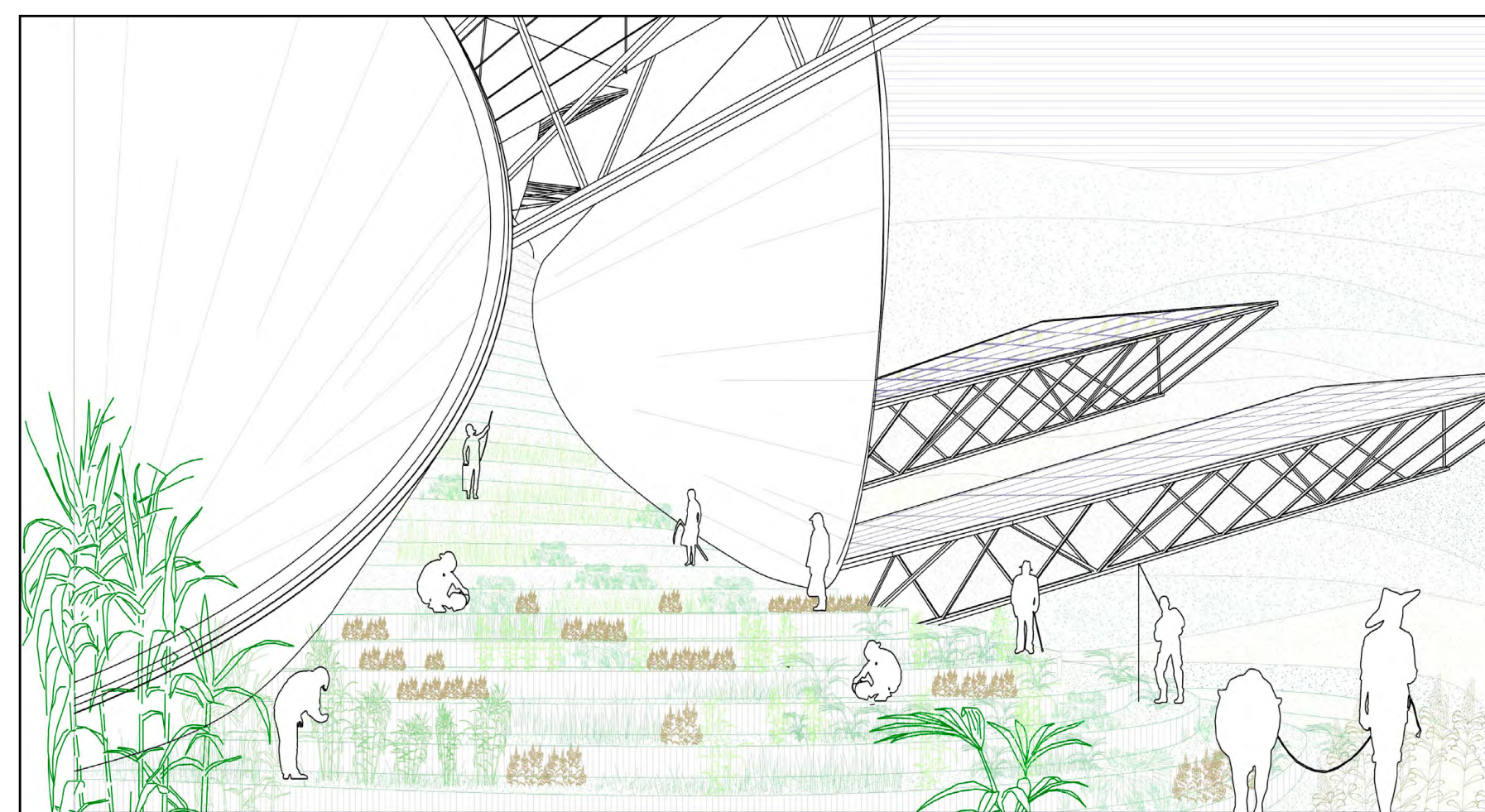
How It Works
Hybrid Condensation System:
By utilizing both passive cooling (hillside integration) and active airflow management (sail-funnel design), our system maximizes water yield in various climates.

Solar & Wind Synergy:
The large sail surfaces (250 m² per unit) double as solar panel arrays, generating clean energy to power auxiliary systems while also directing wind into the condensation funnels.

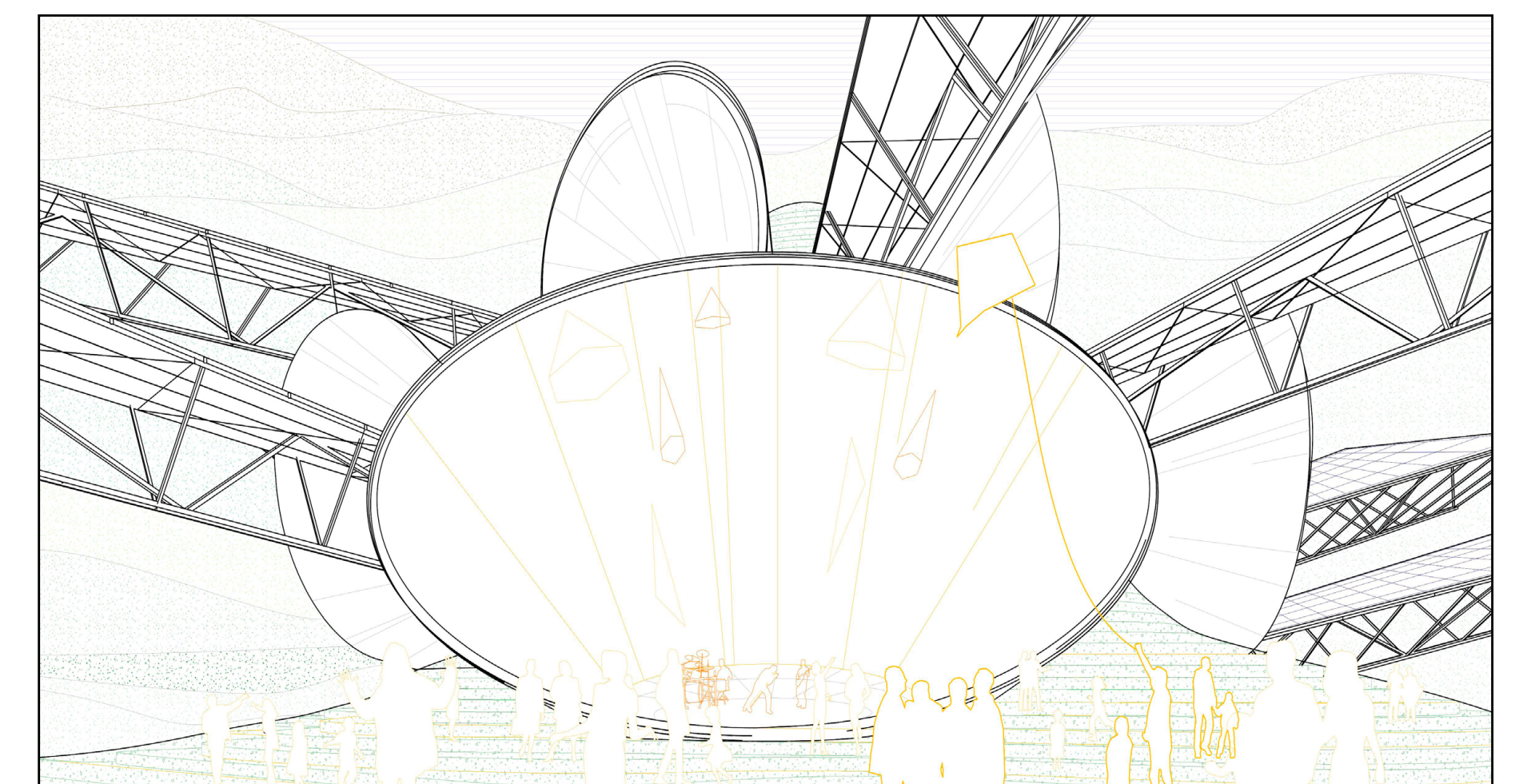
SOLAR & WIND SYNERGY



PERFECT GROWING CONDITIONS



BRINGING PEOPLE TOGETHER



Solar & Wind Synergy:
The installation's sweeping sail arrays (250 m² per unit) serve a dual high-efficiency purpose:
Solar Harvesting - Photovoltaic-coated surfaces generate 15-25 kWh/day (depending on climate), powering:
Active cooling systems during low-humidity periods
Automated water filtration and monitoring systems
Night-time LED illumination for visual impact
Aerodynamic Water Capture - The precisely angled sails:
Accelerate wind flow by 30-40% into condensation funnels
Function as massive passive radiators at night
Self-adjust orientation to prevailing winds (patented hinge system)



Our installation's terraced hillside does more than just cool incoming air—it transforms into a lush, productive landscape for sustainable farming. By harnessing the natural thermal properties of the earth and the condensation system's byproducts, we create an ideal microclimate for agriculture in arid regions.

How It Works
Passive Cooling = Perfect Growing Conditions
The same underground channels that cool air for water condensation also stabilize soil temperature, reducing evaporation and protecting plants from extreme heat.
Drip Irrigation from Condensed Water
Excess collected water feeds a gravity-powered irrigation system, delivering moisture directly to plant roots with zero energy waste.
Terraced Design Maximizes Space
The stepped structure prevents erosion, captures rainwater runoff, and provides sun-exposed planting zones for diverse crops.



Our installation does more than produce water - it creates a naturally sheltered space where local communities can gather, celebrate, and continue traditions protected from harsh sun and wind.

The Perfect Gathering Spot
Natural climate control: The terraced hillside and sail canopy provide cooling shade and wind protection
Versatile spaces: Flat collection areas become dance floors, terraced steps form amphitheater seating
Sacred water connection: The shimmering water reservoir serves as a focal point for ceremonies
Bringing People Together

- Weekly markets and craft fairs
- Traditional storytelling nights
- Wedding celebrations and naming ceremonies
- Children's activities and outdoor classrooms