

NADI FOREST

The earth is shifting. In the presence of vanishing forests, decline in natural resources and unprecedented extinction of wild life, A new shift in thought need to occur; where structure and biology are forming together, reading each other and manifesting growth. Could humanity apply the same principles that led us to a mass growth in technology to create a new type of forest?

The Masdar's NADI Forest is a new landscape typology that is not bound to human influence it is simply autonomous. An unpredictable mechanism that read the expectancy of a tree growth, a structure that does not mimic architectural forms; a malleable material technology that reads, enhance, and sustains a forest in the harshest environment.

Generations to come will experience this space differently it will grow in response to the given environment and will inspire people with its ever -dynamic form and its persistence.

NADI is named after Arabic word Ghataratal Nadi "which means dew.

Masdar City is a unique opportunity to explore this design, the harsh environment and a unique desert culture that are ideal grounds to stretch the limitation of technology and produce something that is still within the realm of dreams – a forest in the desert. On the shores of a warm sea in the heat and dry wind of the desert a new forest is arising – how would it feel?

MATERIALITY

Project fund is less than \$20 per Watt

NADI Forest is using an innovative Ancient Islamic art that has inspired this expandable Lightweight flexible solar photovoltaic (PV) modules using Auxetic effect.

