



# MANGROVE PLAN

“Returning to the source” - Everything in the world is inseparable from the nourishment of the sun, and plants are the pioneers of energy conversion. Although the conversion efficiency of photovoltaic power generation has caught up to even more than the photosynthesis of plants, from the perspective of economic and ecological benefits, plants still have a lot of places worth learning. Mangrove forests in Abu Dhabi have used solar energy conversion to improve the surrounding ecological environment before the prosperity of human civilization. How did it do it?

Abu Dhabi has the largest mangrove forest in the world, the Eastern Mangroves. Because mangroves have the nature of extracting water and nutrients from marsh saline soil, they can grow in shoal shoals on the land-ocean boundary zone. They are a special ecosystem that is over-the-land to the ocean, and it is a multitude of creatures. It provides a fertile natural habitat and a safe home. The roots of mangroves are divided into pillar roots, slab roots and respiratory roots. The developed root system not only has the function of absorbing nutrients, but also forms stable