







Blue Ocean Vision developed BiotiCircular Fortune Planter, a biodegradable tree incubator, holds 15 liters of water to irrigate the plants in the critical first grow period and one-time fill only.

revegetation programs, commercial or urban landscaping, rehabilitation, forestry restoration -BiotiCircular Fortune Planter is an effective enabler for improved and sustainable plant

#### The Best Combat against Coastal Erosion, Poor Soil and Harsh Climate

BiotiCircular Fortune Planter is a patented, watertight, and biodegradable planting incubator that eliminates irrigation, by supporting a sapling through its critical first year with an accessible reservoir of water and providing a reliable protection.

#### The Challenge









Irrigation system cost

Water truck cost

**Weeding Labor cost** 

**Re-plant cost** 

#### How BiotiCircular Fortune Planter can Help



Sandbar Replantation

Afforestation on the coast



outcomes.

- Low maintenance and cost saving
- Biodegradable

#### 8 Easy Steps to Plant

Videos for showing more detail https://bit.ly/3JXH5kJ





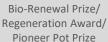
**Planting at Floodplain** 

**Enterprise Activity** 

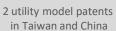
#### **Patent, Awards and Certificates**















#### **5** Major Benefits of BiotiCircular Fortune Planter



### **High Survival Rate**

Experiments have shown that trees planted with the Fortune Planter can boost survival rates from 0-20% to 75-95%\*.

\*These results do depend on species, climatic and soil conditions

# **Water Efficiency**

provide enough water and moisture retained to establish the seedling through its first year. One-fill only.





## **Cost Saving**

The Fortune Planter saves a variety of costs, including irrigation set-up/maintenance, weeding labor, water truck, seeding failure and re-plant actions.

# **Biodegradable**

The paper pulp biodegrades after one year and becomes substrate to the soil, making it both an eco-friendly and a no-hassle solution.





# **Great Scalability**

The Fortune Planter can be used to plant large scales in each season, including the hot and dry summer period, or the land with poor soil and strong winds.



# BiotiCircular Fortune Planter

The planting solution of **BiotiCircular Fortune Planter** offers a low-cost, sustainable and scalable solution to plant trees in arid soils.

The Fortune Planter coated with organic penetrant to watertight, provides water and shelter while stimulating the seedling to produce a healthy and deep root, tapping into the subsurface water supply. It enables the sapling to survive in extremely arid climates and as such, aid in reforestation efforts eliminating irrigation and maintenance.

The Fortune Planter can be used for different projects or purposes:



**Ecosystem restoration** 





Agroforestry



City landscaping

#### **BiotiCircular Fortune Planter Specification**

Item	Double Holes	Single Hole
Dimension	Lid: L53xW32xH5cm Basin: L54xW34xH18cm Wicks: L55cm*2pcs	Lid: L49xW28xH4cm Basin: L50xW29xH14cm Wicks: L55cm*1pc
Storage Capability	15 liters	9 liters
Weight	1,300g±10%	1,000g±10%
Material	Lid and basin: 100% biodegradable recycled paper pulp coated with organic penetrant	
Period of use	One year after planting*  *The decomposable rate would vary with the factors of moisture, temperature, exposure to sunlight and the presence of microorganisms.	

Disclaimer: Data are subject to modification and delivery subject to availability. Any liability that the data and illustrations are complete, actual or correct is excluded.

#### **About Blue Ocean Vision**

Founded in Taiwan, Blue Ocean Vision has dedicated to developing the solution to plastic-free and carbon-reduction and is also the leading innovator in the field of Circular Economy.

Since 2016, we've been worked with the most influential tree planting NGO in Taiwan to restore forest. Through various programs, including planting trees on campus or with enterprises and afforestation on the coast, we have planted over 520.000 trees with our innovative **BiotiCircular Fortune Planter** in Taiwan and China.

#### **Contact**

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