LORD of the TREES

80%

OVERVIEW

As much as 80% of the world's forests have been destroyed or irreparably damaged. Since humans first emerged, there are **three trillion fewer trees** and the effects have been catastrophic.

A hectare of mature trees absorbs the same amount of carbon dioxide in a year that's produced by a car driven over 80,000km, while just seven or eight trees supply enough oxygen for a human to breathe for a year.

Planting trees is the most inexpensive and efficient way to combat climate change, a fact recognised by governments and environmental groups worldwide, however the cost of major replanting projects has always been prohibitive, and fraught with logistic difficulties.

Until now. Lord of the Trees offers **a revolution in reforestation** with precision-planting drones capable of planting on a vast scale faster, cheaper and more efficiently than ever before. In fact, just one operator controlling five pre-programmed drones can plant well **over a million trees in just two days!**

The success rate is nearly double the industry average, and **more importantly, we focus on rehabilitating entire ecosystems.**

The following business plan outlines our five-year strategy and the financial results we are forecasting.

DEFORESTATION BY NUMBERS

Human activity is having a dire effect on our planet...

46%
Number of trees remaining today compared to when humans first evolved

1B
Amount in US dollars that governments and the private sector spend every year on forest conservation

100 B
Amount in US dollars that governments and the private sector spend every year subsidising and investing in clearing forests for agricultural expansion

10%
Annual human-caused carbon emissions by burning or clearing forests. Between 2015 and 2017 it averaged 4.8 billion tons a year

21 Kg
Carbon that a mature tree will absorb in a single year

1.4°C
Degrees Celsius that the planet has warmed in the last 100 years due to deforestation

40
Equivalent number of football fields that were cleared or burnt every minute of every day in 2017 to produce timber or make way for soy and palm oil crops and cattle pasture

50
Number of years it has taken humans to destroy 17% of the Amazonian Rainforest. Around 80% of the land cleared was for cattle

21%
Percentage of Australian forests destroyed during the 2019-2020 bushfire season

REFORESTATION BY NUMBERS

... but there are ways we can all make a positive difference

1900

Planting just 1 km² of trees will eventually produce enough oxygen for 1900 people to breathe for a year

800

Number of seedlings a person can plant on foot per day

+500K

Number of Seedpods that Lord Of The Trees drones can plant in one day

38.5 B

tons of carbon dioxide that are stored in Australian forests.

40%

of the seedlings he plants will survive and grow into trees

70%

of the Seedpods dispensed by our drones will become trees

4

DRONE TECHNOLOGY

Lord of the Trees operate commercial drones that are able to seed 14 hectares of land in just an hour, a task that would require 100 labourers to do manually.

Made from aviation-grade carbon fibre and magnesium aluminium alloy, those in our current fleet boast huge 300W rotors that stretch out over an area of $4m^2$ and can fly at speeds of 43kph while being operated at distances of 3 km. Each of our pilots can fly up to 5 drones at a time.

ARTIFICIAL INTELLIGENCE MAPPING

The drones are equipped with sophisticated software and high-speed processing for detailed, large scale mapping, and instant analysis of field data such as soil conditions, germination rates and growth progression. The information gathered by the HD smart cameras and radar sensors leads to more effective planting strategies to ensure optimum growth and allows ongoing monitoring.

UNBEATABLE PRECISION

Fully autonomous flight mode means each drone is pre-programmed to deploy Seedpods with astonishing accuracy allowing one pilot to control up to five at once. The omnidirectional radar perception system automatically avoids potential obstacles and means they can work in even the most rugged, uneven terrains and at night.

INCREDIBLE EFFICIENCIES

Lord of the Trees' Seedpod dispensers are custom-designed to precision plant large areas in a fraction of the time taken than when using traditional techniques, and at a vastly reduced cost. Our 100% organic proprietary Seedpod technology mimics seed and nutrient rich bird droppings, is the result of 18 years of forestry research as well as scientific breakthroughs in seed research.

Each Seedpod can be encased in a unique time-release capsule that protects against seed-eating animals, intense heat and extreme cold ensuring optimal germination conditions literally all year round, even in habitats recently destroyed by bushfires. Combined with our unrivalled survival rates, this cuts wastage to an absolute minimum and makes our service by far the best value on the market.

UPTAKE RATE

75%

PLANTING COSTS

-85%

DRONE EFFICIENCY vs MANUAL PLANTING

99.73%

ENVIRONMENTAL IMPACT

We are on a regenerative mission

Our work isn't just about planting trees. We deliver bespoke solutions for every project, taking into account terrain, soil composition, wildlife and surrounding ecosystems. Consulting with indigenous communities and local forestry experts helps us formulate the optimum combination of trees, bushes and other flora to create the healthiest possible forests that will thrive for decades to come.

Lord of the Trees also plans on building wildlife corridors of native wildflowers and small shrubs around agricultural land, along major transport corridors and through forests. These enhance biodiversity and help pollinators such as bees, butterflies and birds reclaim their former habitats as well as allowing species that are on the brink of being endangered to build up their numbers.

Lord of the Trees has applied for B Corporation certification, an official recognition that a business meets the highest standards of verified social and environmental performance, public transparency, and legal accountability to balance profit and purpose. To be certified, we will demonstrate that our company is a force for good, prioritising integrity and responsibility over everything else.

Certified
Ⓑ
Corporation
PENDING

MARKET SEGMENTATION

LORD of the TREES

Lord of the Trees is based in Australia but will promote its services on a global scale. Our proprietary drone and Seedpod technology can successfully replant vast areas in wildly different climates, ecosystems and terrains at a fraction of the current costs.

We are currently supporting major tree planting projects in Australia and Sumatra to raise awareness and generate startup cash flows.

As the company grows, we will undertake reforesting projects in other countries where demand is high and traditional methods inadequate.

We have identified three initial targets:

AN ENVIRONMENTAL LEGACY

For state and national governments, we offer by far the most cost-effective way to leave beautiful, reforested landscapes for future generations to enjoy.
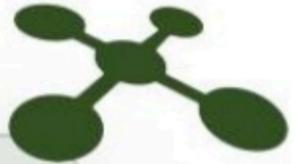
TRANSFORMING AGRICULTURE

Our unique drone technology significantly reduces the time and money it takes to plant a wide variety of crops on a vast scale. Whatever the terrain, our precision-planting drones can be pre-programmed to deploy seeds to ensure optimum germination conditions.
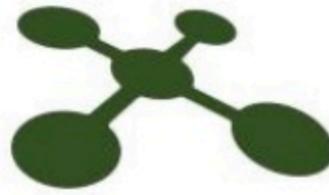
RESTORING ECOSYSTEMS

Reforesting land degraded by mining is expensive, labour intensive and time consuming. Not only that, traditional techniques have poor survival rates, sometimes prolonging projects by years. Our proprietary Seedpod technology can replant huge areas at a fraction of the cost in just days, with nearly double the success rate.

MANAGEMENT TEAM

Aymeric Maudous

Founder and CEO

Holds 2 Master's Degrees in International Marketing, and in Environmental Management. Ex Renault, Disney and Louis Vuitton. Long history of working in the sustainable arena. One of a select few to enter the Climate Reality Leadership Course led by Al Gore.

Monica Dodi

Co-Founder and Director

30 years' experience in Venture Capital, world-wide streaming channel development, digital media and consumer products. Ex MTV, AOL, Warner Bros and Disney. Board Director of the LA River Revitalization Project. Will establish and maintain key relationships across our partners.

Raphael Wood

Carbon Credits Advisor

President of the Australian Carbon Standards Association, Raph will maintain us at the forefront of the Carbon and Renewable markets globally, provide guidance and advice to our corporate partners on carbon credit operations.

Katherine Sainty

Lawyer

Katherine provides legal and strategic advice and insights on everything from fundraising and carbon credits to drone contracting and technology investments, tailored to our clients' business objectives. Katherine was a partner with the leading Australian law firm, Allens Linklaters.

Mahmood Hussein

Flights Operations

Founder of Global Drone Solutions, with vast drone and business knowledge Mahmood comes from a background as a senior executive holding positions with market leaders in the mining, automotive and advanced manufacturing industries.

Jeff Lubrano

Chief Creative Officer

President at Fertile, a French ecological transition agency, heading up missions in creativity, innovation and communications for the likes of Veolia in Switzerland, the French Agriculture Chambers, and EDF in Germany (Europe's largest electricity company).
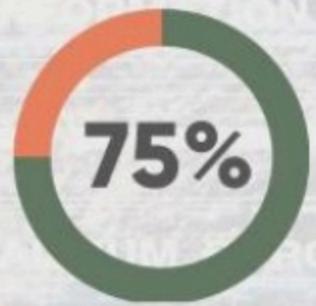
LOUIS VUITTON · MTV MUSIC TELEVISION · DISNEY · AOL · HARVARD UNIVERSITY · Yale · Gold Standard · GLOBAL DRONE SOLUTIONS

COMPARISON

Comparative table of costs in planting one hectare of forest between manual seedlings planting and our drones Seedpods dropping.

TRADITIONAL

WITH OUR DRONES

COST PER PROJECT

75%

DRONES OUTPERFORM MANUAL BY 75%

DRONE EFFICIENCY

2 SEEDPODS SHOT PER SECOND

7200 SEEDS SHOT PER HOUR

1 DAY = **22** HOURS

IT TAKES 2 HOURS TO REFILL SEEDPODS AND CHANGE BATTERIES

1 DAY **1** DRONE **158,400** seeds

1 DAY **4** DRONES **633,600** seeds

2 DAYS

4 DRONES

1,267,200 seeds

TREES SURVIVAL RATE AT YEAR 2

40% BY HAND

70% OUR DRONES

by hand	cost
Planting	Seedlings
Planting cost	1.17
# plants / ha	1,500
Total Cost	$ 1,760
Survival rate Year 2	40%
#trees survived Y2	600
Effective cost/tree	2.93

by drone	cost
Planting	Seedpods
Planting cost	0.7
# plants / ha	1,500
Total Cost	$1,050
Survival rate Year 2	70%
#trees survived Y2	1,050
Effective cost/tree	1.00

IN CONCLUSION

- ✓ Our mission is to help restore ecosystems while addressing climate change challenges

- ✓ Our tremendous scaling potential and superior technology sets us apart from our competition and will allow us to set new industry standards

- ✓ We are uniquely placed to transform reforesting projects for mining companies, agriculture and government agencies

- ✓ We are intentional with our purpose and aspire to deliver on a higher meaning beyond the service we provide

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