

Treesition

Play your part by investing in a greener future



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Summary



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Introducing Treesition



Treesition is a business specialised in agroforestry in conjunction with the Paulownia tree.

Our philosophy is to champion a model of agroforestry based on the development of a **circular economy** which is both **sustainable and profitable** for all. We aim to achieve this through:

- Partnerships with **farmers and landowners**
- Green **investment contracts** with the greater public

The triple bottom line constitutes the foundation of our strategy:

1. People: Put in place a sustainable agricultural model which has the potential to ensure rural and food development for future populations
2. Planet: Provide people with the opportunity to partake in an environmentally-focused project
3. Profit: Create a win-win circular economy



Origins and context of Treesion: Addressing a global challenge



Human activity is the cause of pollution and overexploitation of the planet's natural resources:

- Depleted and degraded freshwater sources
- Increased emissions of CO2 and greenhouse gases/climate change
- Extinction of pollinating insects
- Conventional forms of agriculture are less and less lucrative

→ ***challenge for organic farming***



Driving growth through agroforestry

Different types of agroforestry :



Trees & crops = **agroforestry**



Trees & livestock= **Silvopasture**



Trees, crops & livestock : **Agrosilvopastoralism**

[Agroforestry map of Europe](#)

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The Paulownia tree – An ideal choice for agroforestry

The Paulownia tree adheres to a sustainable development approach as it:

- Stabilises the soil thanks to its **deep and wide root system** (up to 8m)
- Absorbs a great deal of CO₂ : **22kg CO₂/year** (vs for e.g. poplar tree 3kg)
- Attracts **pollinating insects** thanks to its flower blossoms
- Easily shares common plots with other plant species
- Is a natural **fire barrier**
- Is a **sterile** and non-invasive species



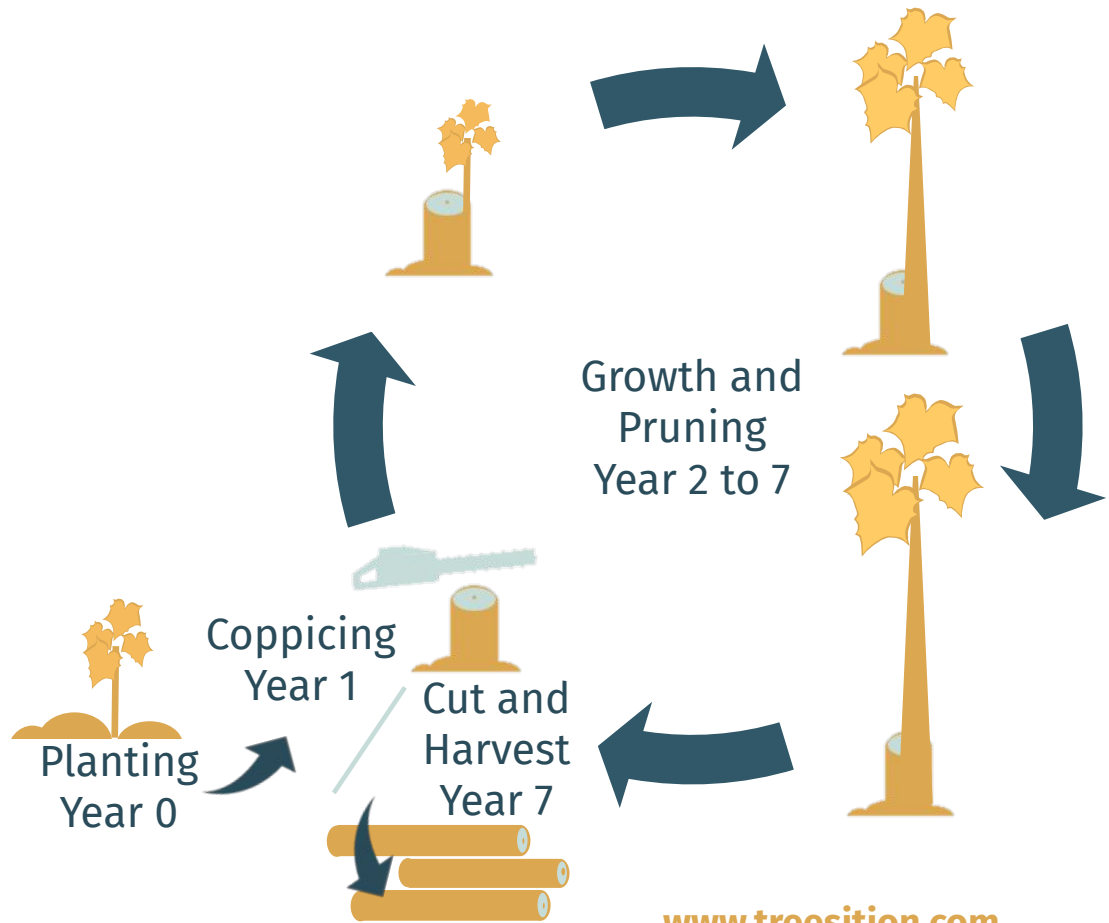
The exceptional capacities of the Paulownia tree:

- **Rapid growth:** 20m in only a few years; 3m/year on average
- Once cut, grows back **up to 5 times** with the same characteristics
- **1 m³** of wood every 7 years → the fastest growing tree in the world
- **Highly resistant:** can withstand a wide range of environmental conditions (between -20 and +40°C) and humidity levels



Our agroforestry model

The Paulownia tree's growth cycle within an agroforestry system:



This represents approximately:

500 trees/hectare

500 m³/7 years

425 000 €/7 years
(wood & investment contracts)

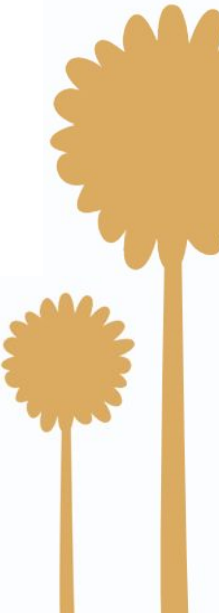
The Paulownia tree – An ideal choice for lumber



Characteristics of the wood:

- **Semi-precious** (= rare wood used for woodworking, such as functional or decorative furniture)
- Extremely **resistant**
- **Easy and practical to work with** (no knots or veins)
- **Lightweight**
- **Various uses:** furniture, surfboards, musical instruments, paper, plywood, housing framework, etc.

Characteristics	Paulownia elongata Giant
Green wood density	700-800 kg/m ³
Dry wood density	300-310 kg/m ³
Tear resistant	42 MPa
Compressive strength	20 MPa
Flexibility	6,3 GPa
Ignition temperature	420-430 °C



The Paulownia tree – An ideal choice for lumber



Competitive advantages:

- Semi-precious quality
- Selling price lower than other more traditional types of European wood

Target markets for selling the wood:

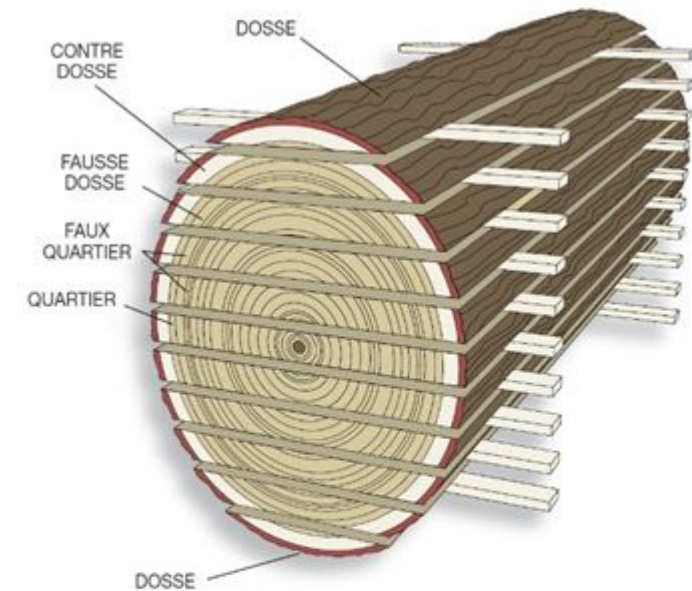
- SMEs and specialised material wholesalers in Europe
- Small businesses and craftsmen: furniture, musical instruments, surfboards, etc.
- Individuals and local artisans (ex: Etsy)



The Paulownia tree – An ideal choice for lumber

Value of the wood, detailed:

- 1 tree of 7 years: **1m³** of wood
- Wood log of 1m³: **500-600 €**
- Wood block of 1m³: **1500-1600 €**
- Plank of wood between 2,5 - 4m length and 23 - 54 mm thick: **950-1000 €**
- Sawdust from cuts: **20-30 €/t**
- Wood bark: **10-20 €/t** (not crushed) or **20-30 €/t** (crushed)
- Debarked edgings: **10-20 €/t**
- Shavings: **30-40 €/t**



Different segments of a log transformed into lumber



A collaborative model



A collaborative model



Treesition is based on meaningful collaborations with:

- **Farmers** through an agroforestry model
- **Landowners** through an agroforestry or silvicultural model

Terms of the collaboration:

Treesition

- **Management and maintenance** of the Paulownia trees throughout their cycle
- **Development of the model** without a significant investment in the acquisition of the plot
- **Has plots at disposal** in order to put in place the agroforestry model

Our partners

- **Management of crops**
- **Benefits from the advantages of agroforestry** for livestock and crops
- **Shares the benefits** generated from the sale of the wood and the investment contracts
- Receives **free agricultural consulting services**
- **Digital farming** configuration

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Investment contracts as part of the model



Our **investment contracts** are made possible thanks to the sale of Paulownia trees for a full growth cycle, until they are cut:

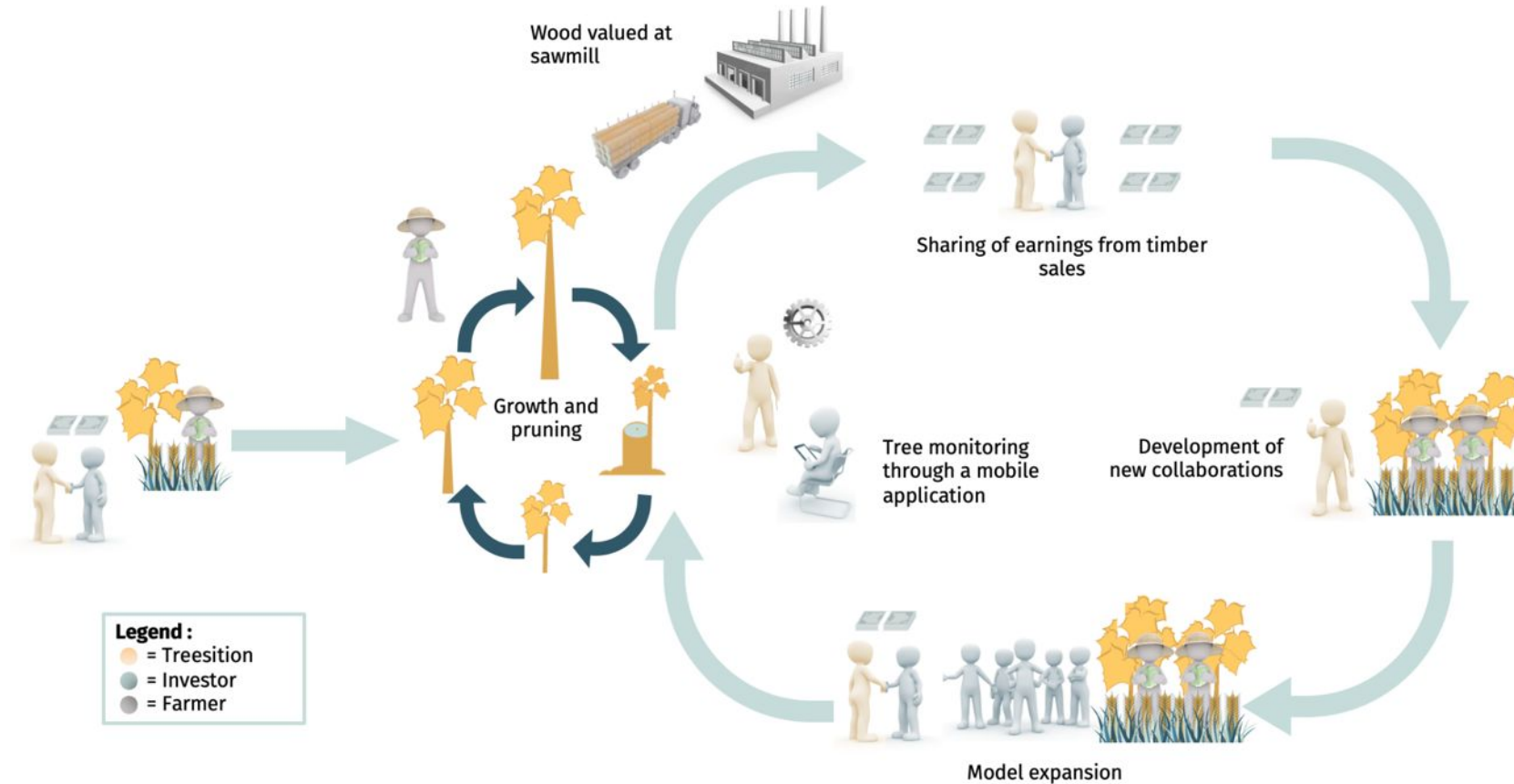
Eco-investors purchase the Paulownia trees through a contract based on either a **fixed or variable rate of return**. Treesition **maintains** the trees throughout their cycle, which is 7 years. Once at **maturity**, we cut the trees down and **sell the wood for lumber**. Other by-products are also possible. Clients then benefit from a return on their investment through the sale of the wood from their trees.

- Contract based on a **fixed rate of return**: return on investment is **not dependant** on the growth rate of the trees nor on the final sale price of the wood
 - Entry ticket: **50 €/plant**
 - Estimated return: **64 €/plant after 7 years**
- Contract based on a **variable rate of return**: return on investment **depends** on the growth rate of the trees and the sale price of the wood
 - Entry ticket : **110 €/plant**
 - Estimated return: **0 à 400 €/plant after 7 years**



Investment contracts as part of the model

These contracts are based on the purchase of live Paulownias trees planted on farmland:



Investment contracts as part of the model



Benefits:

- Opportunity to invest in an **ecological and local product** all while receiving a **significant return**:
 - Helps to reduce our overall impact on the planet
 - Greater returns than traditional investments with guaranteed annual interest rates of minimum 4%
- Based on reliable know-how and expertise for worry-free investments
- **Treesition takes care of everything**



Investment contracts as part of the model



Target market:

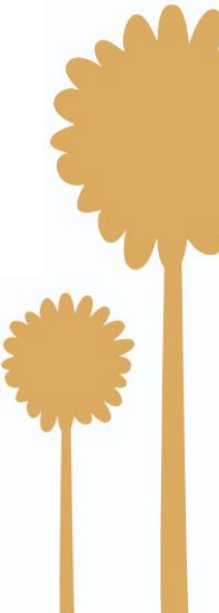
- **Individuals:**
 - Environmentally conscious people looking to invest in an eco-friendly project which **contributes to a circular economy**
 - People looking for an innovative way to invest
- **Businesses:**
 - Looking to offset their **carbon footprint**
 - Interested their responsible business strategy and/or looking to improve their public image
 - Looking for innovative forms of investment



Investment contracts as part of the model

How you can obtain an investment contract with us:

- **Direct sale**
- Via our **website**
- **Through :**
 - Banks and insurance companies
 - Third parties (farmers, investors, agricultural associations, students...)

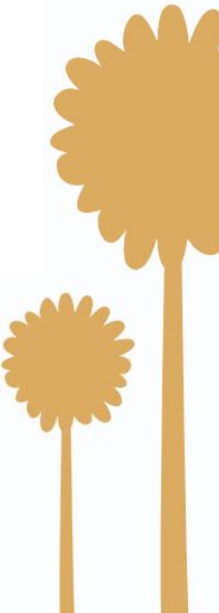


Digital farming as part of the model

A '**Smart Farming**' app will soon be developed to help improve farming processes and yields through data-driven technology.

This app will enable :

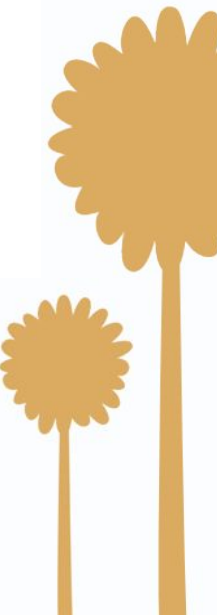
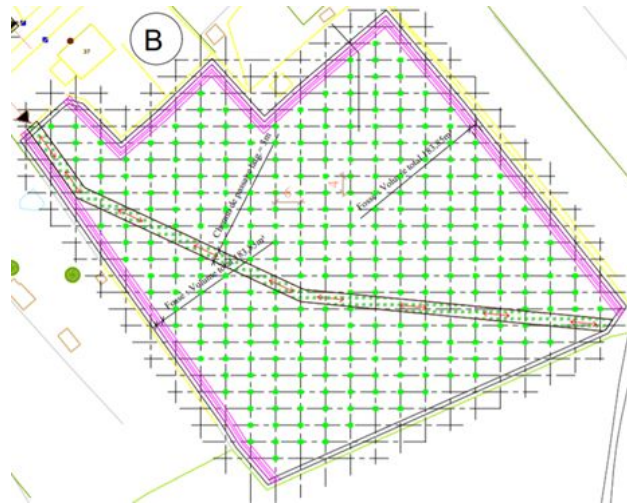
- Eco-investors to **monitor** their crops/investments
- Landowners to optimize **the yields** of their crops and **reduce**, to a certain degree, the amount of **manual work** required by those working the land



Our showcase field in Belgium

Layout of our field in Sautin:

- **Plot A:** total cultivated land area: 5 077,73 m², 3 353,65 m² of which host vegetable crops alongside Paulownia trees planted every 6x4 m (which corresponds to 1 724,08 m²)
- **Plot B:** total cultivated land area 7 350,63 m², with Paulownias trees planted every 4x4 m



Projected yields



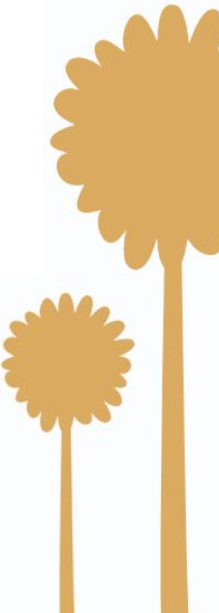
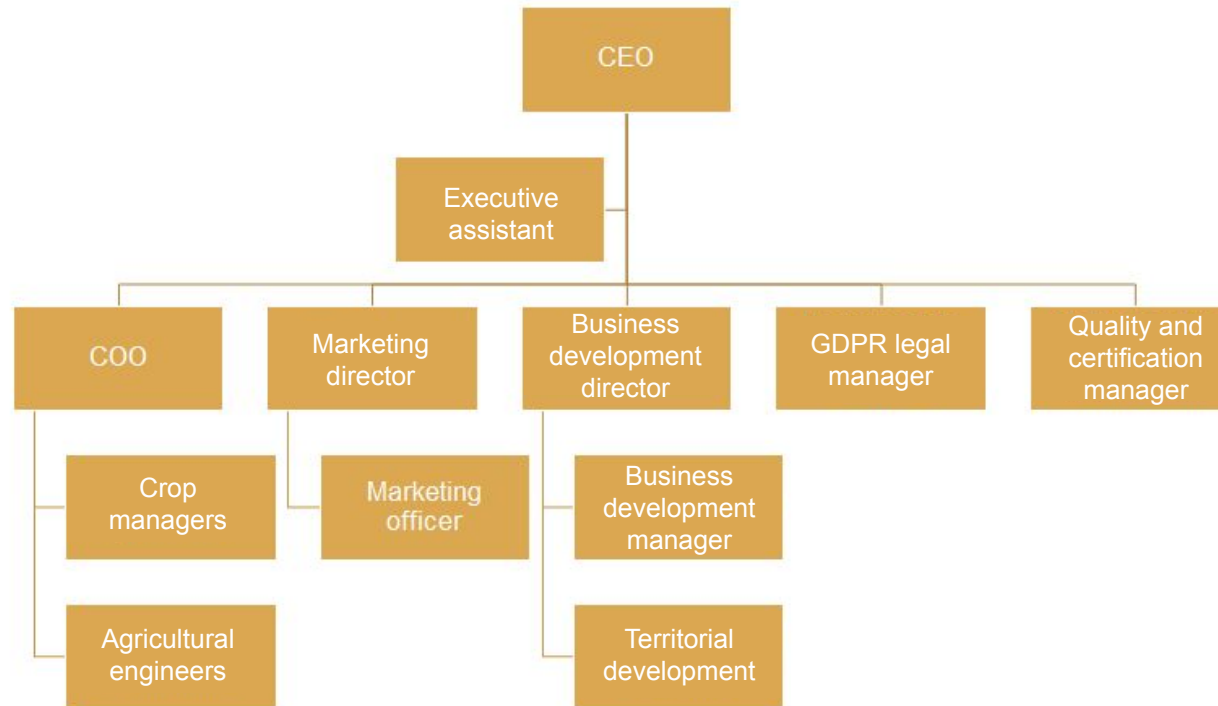
Position	Most optimistic forecast (for 1 ha over 7 years)	Least optimistic forecast (for 1ha over 7 years)
Wood production (m ³ /tree)	1	0,7
Wood selling price (euros/m ³)	1 500	500
Number of trees/ha	600	600
Total of expenses (wood + crops)/cycle	73 385	69 560
Total income (wood + crops)/cycle	534 370	383 170
Total sales of green investment contracts	66 000	30 000
Total return (wood + crops)/cycle	526 985	343 610

Legal structure and organization chart



Public Limited Company (Société Anonyme, SA)

Headquarters: 18 Rue de la station, 6470 Sautin, Belgium



Treesition: Invested in our planet and a better future



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