



EcoMiniForest

small forest for a great future

PROJECT MONETIZATION CHANNELS

- Turnkey mini-forest creation – design, site preparation and tree planting.
- Sale of seedlings of native species for creating mini-forests.
- Consultancy services on the design and creation of mini-forests using the Akira Miyawaki method.
- Care and maintenance of mini-forests (watering, mulching, monitoring).
- Environmental education activities – workshops, training sessions, and tree-planting campaigns.

Creating a single mini-forest covering an area of 100 m² costs approximately 40,000 UAH, whilst the selling price to the customer is around 75,000 UAH, yielding a profit of approximately 35,000 UAH per project. If 10 such mini-forests are implemented, the total profit could amount to approximately 350,000 UAH, confirming the economic viability of the EcoMiniForest start-up.

ADVANTAGES:

rapid forest growth; environmental benefits; suitability for small plots; social and educational value; potential profitability.

DISADVANTAGES:

requires maintenance for the first 2–3 years; initial costs for seedlings and soil preparation; dependence on the weather; risk of damage to the trees.



CONTACT ADDRESS:

3 Sonyachna St.,
Vinnytsia, 21008, Ukraine
Tel.: +38 (0432) 43-72-30



DEVELOPERS



Hanna PANTSUREVA

Doctor of Agricultural Sciences, Associate Professor of the Department of Forestry and Horticulture, Vinnytsia National Agrarian University



Mykhailo MATUSIAK

Candidate of Agricultural Sciences, Associate Professor of the Department of Forestry and Horticulture, Vinnytsia National Agrarian University



Anastasiia KOZYNSKA

Assistant of the Department of Forestry and Horticulture, Vinnytsia National Agrarian University



Olena DOLINSKA

Assistant of the Department of Forestry and Horticulture, Vinnytsia National Agrarian University



Daria MAZUR

Student, Vinnytsia National Agrarian University



Tetiana HRYHORUK

Student, Vinnytsia National Agrarian University



Tetiana ZOSIENKO

Student, Vinnytsia National Agrarian University

THE CORE CONCEPT OF THE STARTUP

The «EcoMiniForest» start-up aims to create compact, dense mini-forests in cities and towns on small plots of land measuring 50–300 m².

This approach is based on a method for the rapid restoration of natural ecosystems developed by the Japanese botanist Akira Miyawaki. It involves the dense planting of native tree and shrub species, ensuring that the plantings resemble a natural forest as closely as possible.

Thanks to this technology, mini-forests grow 10 times faster, become 30 times denser and create a fully-fledged ecosystem in just 3–5 years.

Main objective: to improve the environmental condition, enhance biodiversity and expand green spaces in the urban environment.

STAGES OF IMPLEMENTATION

1. Site analysis – selecting a plot and assessing the soil.
2. Design – planning a mini-forest and selecting native species of trees and shrubs.
3. Soil preparation – improving soil structure and preparing the site.
4. Planting – high-density planting using the Akira Miyawaki method.
5. Maintenance and monitoring – watering, mulching and monitoring plant growth.

TARGET AUDIENCE

1. Urban communities and local authorities.
2. Schools, universities and educational institutions.
3. Businesses and enterprises (for landscaping).
4. Environmental activists and non-governmental organisations.

