



Green Cradle



The Project

A biodegradable support system for sapling survival and forest resilience

- Supports sapling survival during the first 5 years—the most critical for growth
- Created after research into reforestation challenges and maintenance gaps
- Biodegradable paper ring made from egg cartons, flour, and water
- Contains:
 - o Topsoil, cattle manure, mulch
 - Mycorrhizal fungal threads and auxiliary plants selected per tree species
 - o Grass seeds to outcompete weeds
- Installed with minimal effort around saplings
- Prototypes tested with alder and oak trees in MOME Forest (Vízvár)
- Biodiversity promoted by adding dandelions and forest strawberries
- No invasive species used; design tailored to local ecosystems
- Ring decomposes, releasing nutrients, improving soil and moisture retention
- Merges ecological knowledge with design simplicity and functionality

Green Cradle Team

- Developed during Design Szolfézs forest-themed week at MOME
- Team of seven first-year BA students from different design disciplines:
 - Bakai Hajnalka (Object Design)
 - Eigner Marcell Maxim (Textile Design)
 - Horváth Domonkos (Product Design)
 - Horváth Izabel Nadin (Textile Design)
 - Jójárt Panna (Design Culture)
 - o Kozma Fanni Alexandra (Object Design)
 - Simon-Pál Orsolya (Product Design)
- Mentored by Sátor Dénes with support from MOME Zero
- Committed to sapling care, biodiversity, and accessible eco-solutions
- United by a shared purpose: enabling young trees to thrive sustainably
- Embrace teamwork, observation, and practical innovation







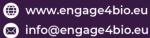


















Multi-stakeholder engagement to strengthen regional bioeconomy value-chains "

Consortium:





























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