



Apple Bloom Garden Our Main Goal

To develop a sustainable agroforestry apple garden that supports biodiversity, provides a learning and relaxing space for students, and generates income through quality apple and blackcurrant production.

APPLE GARDEN PROJECT SCHEDULES

| Period | Objectives | Tasks |
|------------|----------------------|---|
| 0-6 Months | Planning | <ul style="list-style-type: none"> • Site assessment • Soil testing • Orchard mapping • Design finalization • Student task allocation |
| Year 1 | Implementation | <ul style="list-style-type: none"> • Pruning old apple trees • Compost application • Planting new apple plants • Planting black currants (rows & borders) • Planting sea buckthorn, Phacelia, Native meadow flowers and Wild thyme. • Two seating areas • Benefit Map • Student hands on training |
| Year 2-3 | Development | <ul style="list-style-type: none"> • Seasonal maintenance • Growth & biodiversity monitoring • Yield improvement tracking |
| Year 4-10 | Long term Managemnet | <ul style="list-style-type: none"> • Manage by 1st year students • Annual pruning • Soil & ecosystem monitoring • Continuous improvement |

OUR PLAN

- Pruning old apple trees to improve canopy structure, airflow, and sunlight penetration
- Planting a few rows of black currants around the apple garden to serve as a natural fence, providing both protection and a productive ground cover.
- Planting sea buckthorn and Native meadow flowers supports pollinators.
- Applying organic compost to improve soil nutrients and plant health.
- Developing a multi-story agroforestry system, including:
 - Upper layer – apple trees
 - Middle layer – black currants and new apple plants
 - Ground layer – sea buckthorn, Phacelia, Native meadow flower, Wild thyme.
- Enhancing pollinator habitats through flowering plants and diversified agroforestry practices
- Arrange two seating areas
- Display the benefit Map





Seek educational and institutional funding (e.g. campus development, teaching projects)



Community involvement (volunteers, workshops, Interns, 1st year students)



Local business and nursery sponsorships

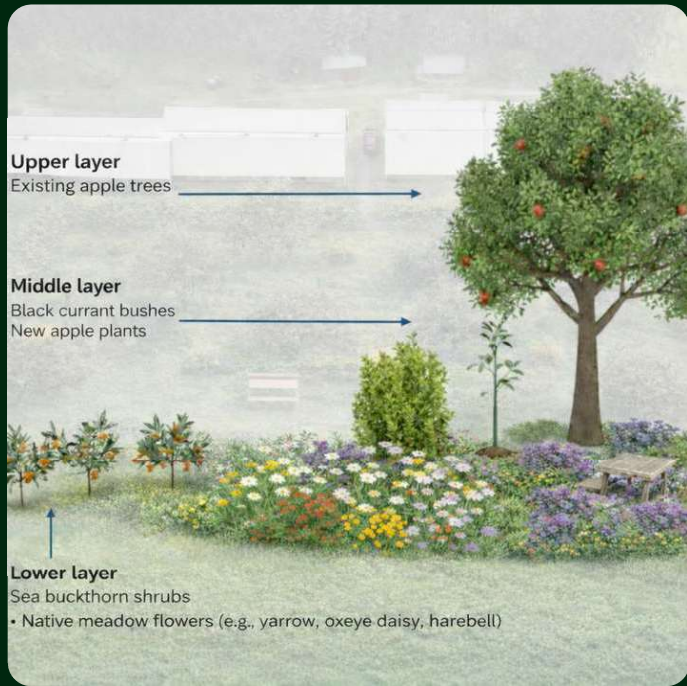
FUNDING IDEAS



FINAL PROTOTYPES



FINAL PROTOTYPES



Income generation Strategy

Primary Products

- Fresh apples
- Fresh black currants

Market Channels

- Direct sales to local school or workplace canteens.
- Retail sales in Forssa town area.
- REKO direct marketing system (local pre-order food network).

Why? Reasons?

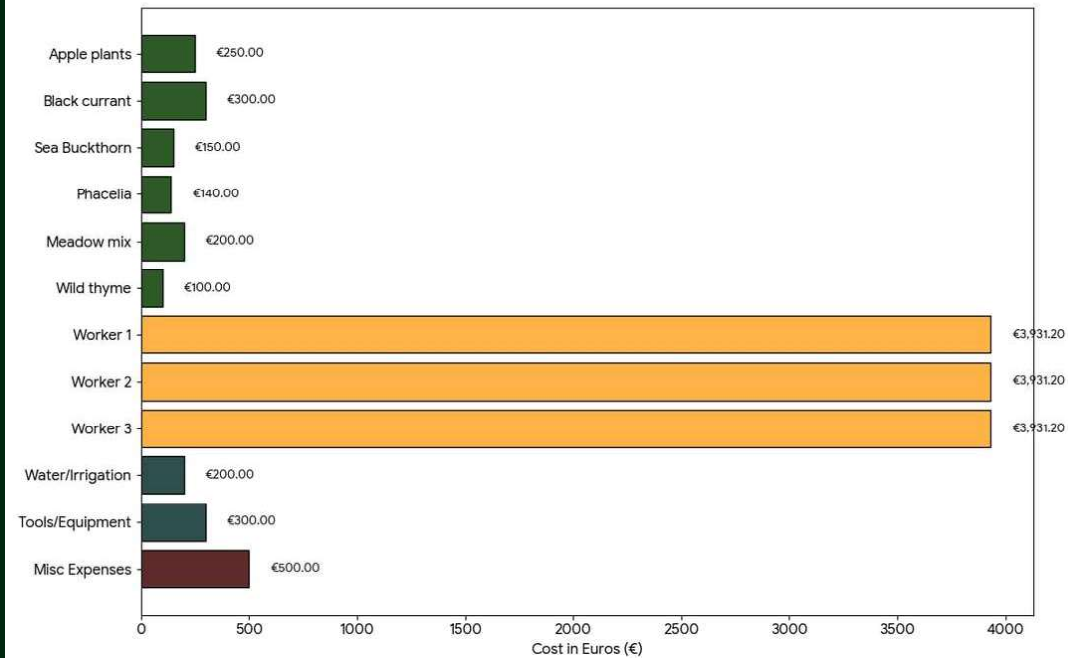
- Stable demand
- Possible seasonal supply contract
- Promotes healthy local food

BUDGET

| Category | Item | Quantity/Area | Hours per month | Hours total (3 months) | Unit Cost (€) | Total (€) | Description |
|---------------------------|-------------------------------|--------------------|-----------------|------------------------|---------------|-----------------|------------------------------|
| Planting | Apple plants | 10 | - | - | 25 | 250 | Upper layer crop |
| Planting | Black currant plants | 100 | - | - | 3 | 300 | Middle layer crop |
| Planting | Sea Buckthorn plants | 15 | - | - | 10 | 150 | Pollinator support |
| Planting | Phacelia | 200 m ² | - | - | 0.7 | 140 | Bee attraction |
| Planting | Native meadow mix | 200 m ² | - | - | 1 | 200 | Biodiversity |
| Planting | Wild thyme | 50 plants | - | - | 2 | 100 | Ground cover |
| | Subtotal Planting | - | - | - | - | 1140 | |
| | | | | | | | |
| Labor Costs | Worker 1 | - | 120 | 360 | 13 | 3931.20 | 84% effective + 20% indirect |
| Labor Costs | Worker 2 | - | 120 | 360 | 13 | 3931.20 | 84% effective + 20% indirect |
| Labor Costs | Worker 3 | - | 120 | 360 | 13 | 3931.20 | 84% effective + 20% indirect |
| | Subtotal Labor | - | - | - | - | 11793.60 | |
| | | | | | | | |
| Operational Costs | Water / irrigation | - | - | - | - | 200 | Seasonal watering |
| Operational Costs | Tools & equipment | - | - | - | - | 300 | Basic tools |
| | Subtotal Operational | - | - | - | - | 500 | |
| | | | | | | | |
| Miscellaneous | Misc. Expenses | - | - | - | - | 500 | Unexpected expences |
| | Subtotal Miscellaneous | - | - | - | - | 500 | |
| | | | | | | | |
| Total Project Cost | - | - | - | - | - | 13933.60 | All costs included |

BUDGET DISTRIBUTION

Detailed Project Expenses by Item



Project Costs Distribution

