

International Conference
"Forest Habitat Restoration"
#lifeREforest



Greek Forest
Service

The contribution of regional reforestation departments for the restoration of forest habitats after natural and human causes disturbances

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Reforestation Directorate of Central Macedonia, Greece



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- Reforestation Directorate is an independent unit of Forest Service that has been established 50 years ago and in nowadays our activities are taken place to the two nurseries (Lagkada & Halkidona) that are close to the city of Thessaloniki.
- **Nursery of Lagkada** is currently being renovated and produces most of our plants.
- **Nursery of Halkidona** is idle for this season due to flood disasters.





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Infrastructure of Reforestation Directorate of Central Macedonia

- Department of forest nurseries and seed collection
- Department of planning and studies
- Department of project execution





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Department of planning and studies

- Drafting and synthesis of planting studies, using native species and methods.
- authorize, improve and verify studies from no public sector.

Department of project execution

- Execution of the planned projects and reforestation works, the implementation of all co-financed projects as well as their finalization reporting
- Management & Supervision for all projects.



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Department of forest nurseries and seed collection

- Planning, organize, supply actions of the raw materials (procurement activities, etc.) and production of the planting material.
- Seedlings growth care and handling of the planting material and its temporary storage
- Taking care of issuing phytosanitary passports
- Implementation, coordination of voluntary reforestation actions
- Environmental education of primary and secondary schools on site (mountains)
- Maintenance of buildings, greenhouses and various machineries



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Nursery of Lagkada

The nursery of Lagkada produces only plastic container plants such as:

- **Coniferous:**

Pinus brutia, *Pinus halepensis*, *Pinus pinea*, *Cupressus sempervirens*

- **Broad-leaved:**

Quercus pubescens, *Quercus ilex*, *Platanus orientalis*,
Cercis siliquastrum, *Celtis australis*, *Robinia pseudacacia*,
Ficus carica, *Morus alba*, *Olea europaea*, *Plyllirea media*,
Spartum junceum, *Cornus mas*, *Laurus nobilis*, *Punica granatum*,
Fraxinus ornus, *Nerium oleander*, *Crataegus azarolus*, *Cotinus coggygria*, *Prunus mahaleb*, *Prunus cocomilia*, *Rosmarinus officinalis* & many others.





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Nursery of Lagkada

Nowadays it's on renovation but we still continue to produce plants





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Reforestation Projects of Central Macedonia



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- **Four (4) reforestation and seedlings production projects are on going**

MYLOS REMA_THESSALONIKI



Reforestation Directorate of Central Macedonia



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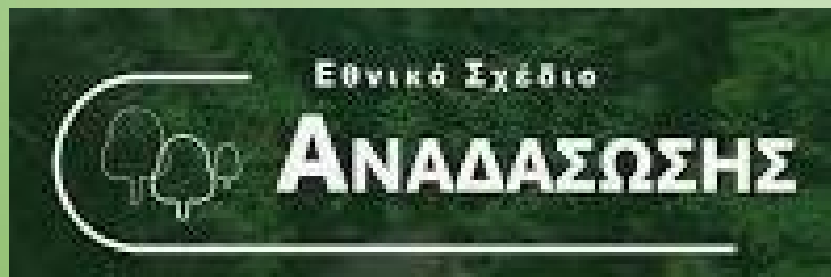
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Greece's National Reforestation Plan



- The National Reforestation Plan that based on EU Green Deal & EU Forest Strategy foresees the preparation of reforestation studies in selected areas and their execution by the contractors to be selected, under the supervision of the local forestry services.
- Total budget is 189.2 million euros, that include interventions of 4 million euros for public forest nurseries upgrading in order to increase the annual seedlings productivity.

*The study is in it's final stage



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Greece's National Reforestation Plan



The objectives of the project are summarized as follows:



Strengthening the resilience of forests against natural disasters.



Protection of biodiversity.



Limiting the country's carbon footprint and mitigating the effects of the climate crisis.



Creating new jobs.



Improvement of living conditions in urban and semi-urban areas.



Embedding ecological culture and environmental awareness.



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The forest of Apollonia

- It is located on the south shore of Lake Volvi
- It is one of the most important riparian forest ecosystems with high ecological and aesthetic value. It covered an area of 300 hectares, but was logged to give land to farmers. About 15 hectares of forest remained.
- In recent years there have been pressures and threats from anthropogenic and non anthropogenic causes.
- It appears a gradual degradation, so our department took required actions for extension of the watery lakeside forest with artificial plant establishment on an area of approximately 10 hectares.



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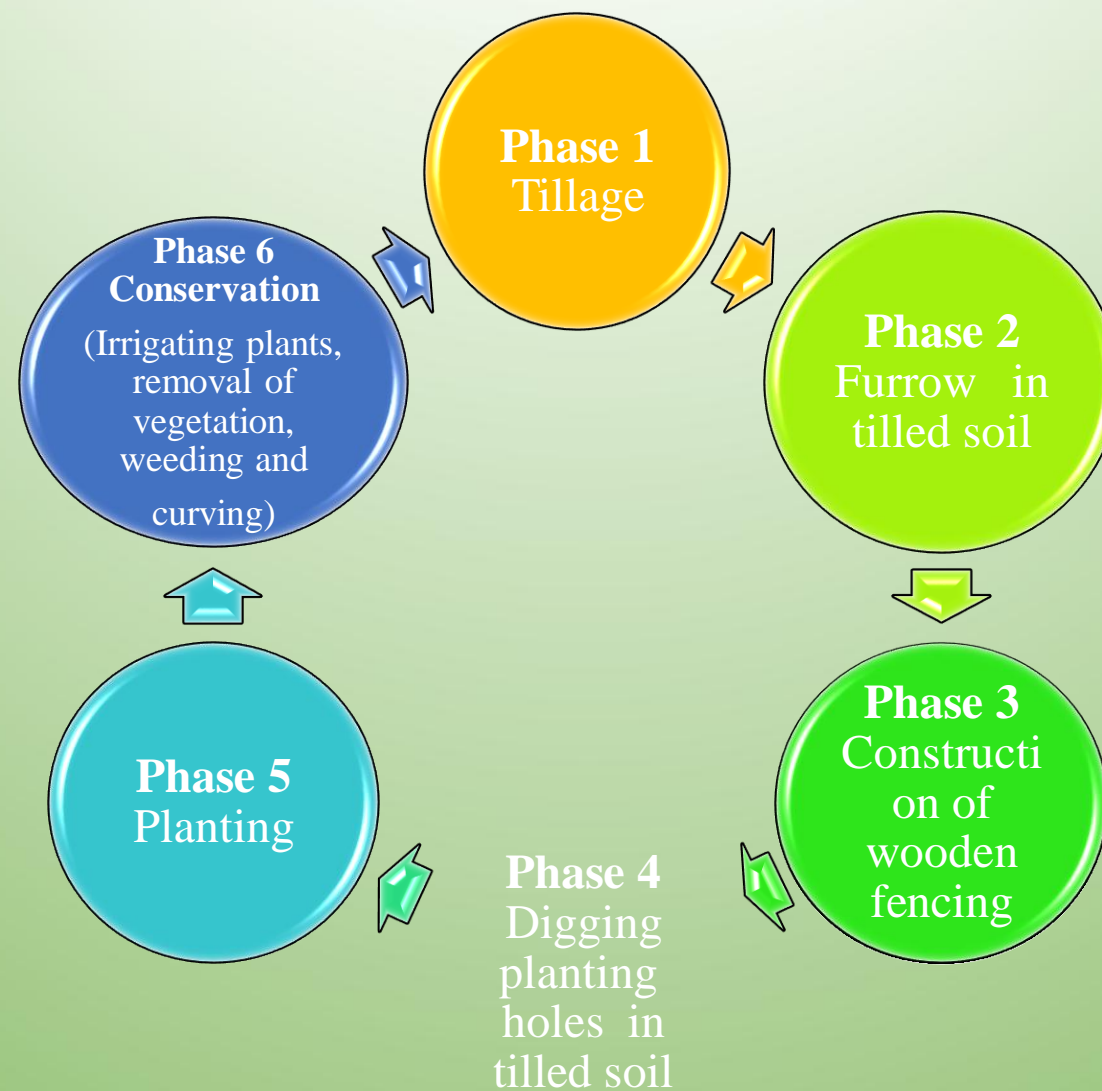
Target of the management measure

- Investigating the possibility of extending and applying the measure to neighboring areas.
- Gaining experience in reforestation with aquatic species in lakeside ecosystems.



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Phases conducted on an area of 100 sq.





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☐ Tillage

☐ Furrow in tilled soil

☐ Construction of
wooden fencing





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Planting



Conservation





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Thank you !!!

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