

Safeguarding and Restoring Lebanon's Woodland Resources

2009-2014

Objectives:

- 1) Development of an appropriate management framework and raising of local capacities for the safeguarding and restoration of degraded forest areas in Lebanon;
- 2) Testing a set of new technologies and instruments for the rehabilitation of forests and woodlands;
- 3) Reaching successful, low cost & no-irrigation reforestation in Lebanon.

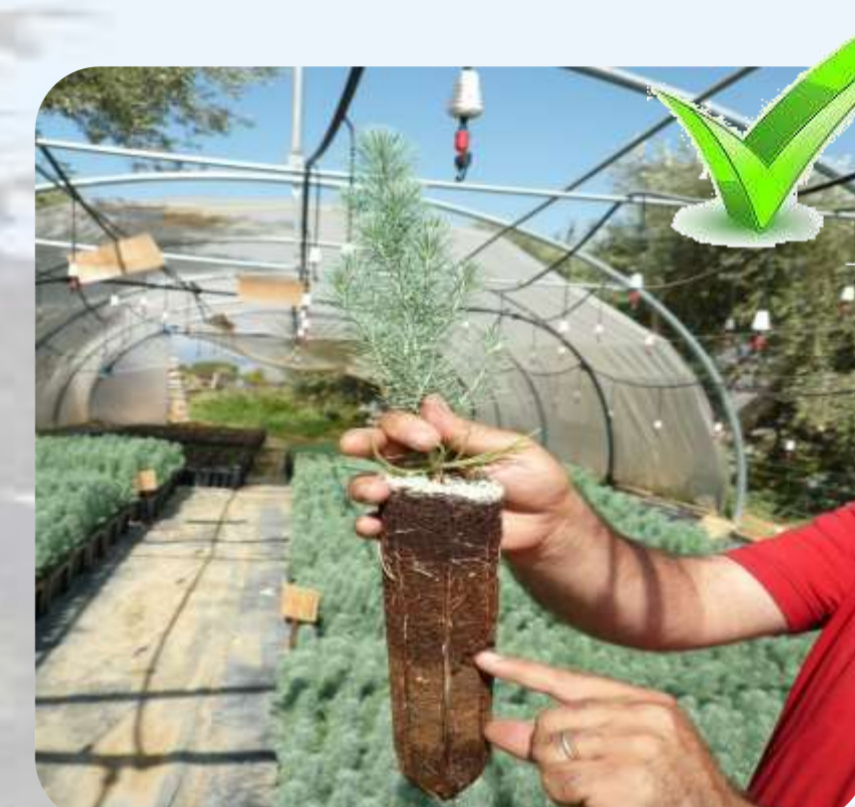
Achievements:

✓ Raising the capacities of local nurseries



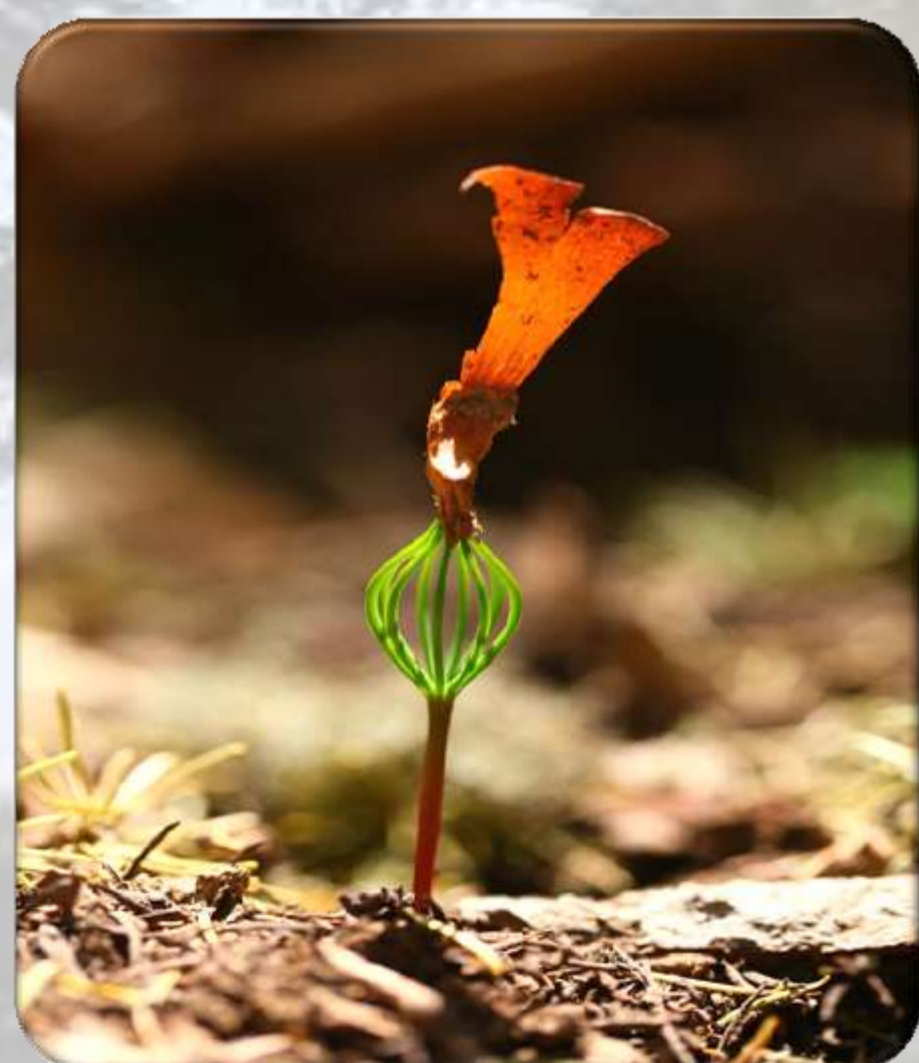
Unhealthy root system

Shifting from plastic bags to modern containers



Healthy root system

✓ Implementation of 7 pilot trial sites: Testing of 18 new low-cost reforestation methods



Germinating Cedrus and Pine seeds



Direct sowing of Cedrus and Pine seeds:
Efficient & cheap method



Field results of direct seed sowing



Testing of solid water

2 new techniques of minimizing irrigation water usage



Field results of solid water

✓ Decreasing reforestation costs from 7,000 USD/hectare to 1,387 USD/hectare

✓ Adoption of new efficient and cost effective techniques of reforestation in Lebanon