



“Ecosystem restoration, citizen involvement & innovative monitoring”

**NRC Forest Seminar
June 17, 2021**

Sven Kallen - Life Terra foundation



LET'S PLANT TOGETHER





Climate action for citizens

- Life Terra is a foundation that leads a consortium of 16 organisations of 8 countries
- Our mission is to restore our connection with the earth and to enable people to take impactful climate action now
- We facilitate tree planting, educate future generations, and develop tree monitoring technology
- Landowners get trees planted for free in exchange of maintenance & 40-year commitment

Our goals for 2025

We are ambitious because we know that the world needs massive #climateactionnow



500

Million trees planted



3.536.423

Tons CO2 captured



1.350.000

Citizens participating



14.000

Classrooms participating



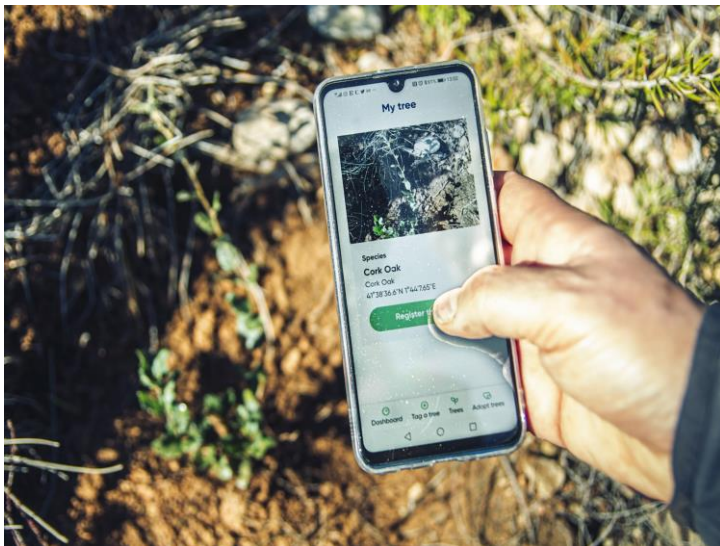
16 partners, 8 countries
 budget: €12.8 mln
 EU contribution: €7.04 mln (55%)

4 working groups:
 Technology, Implementation, Education, Communication



Events





My overview

You've got

70 trees 

Together we've planted

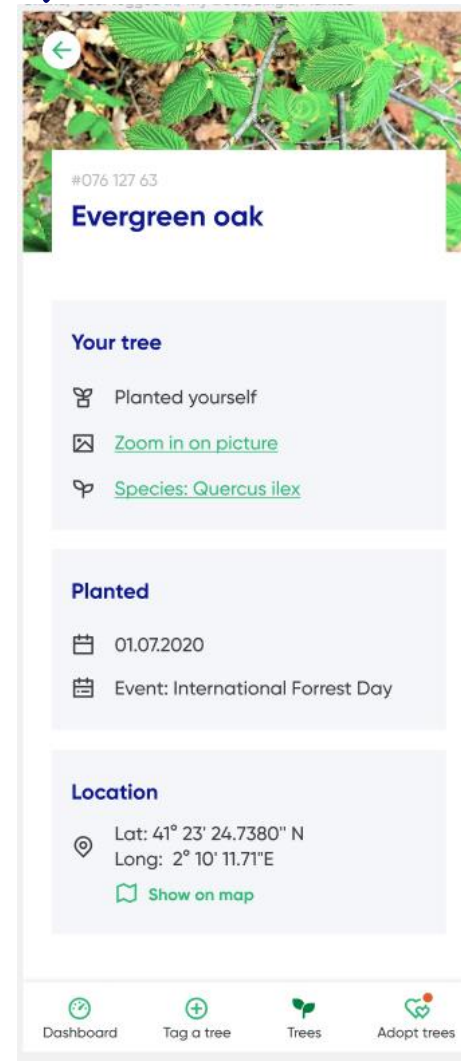
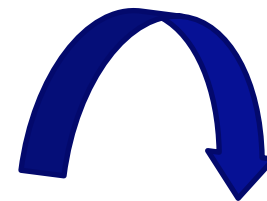
31643 trees 

My trees

[See all trees](#)



Dashboard Tag a tree Trees Adopt trees



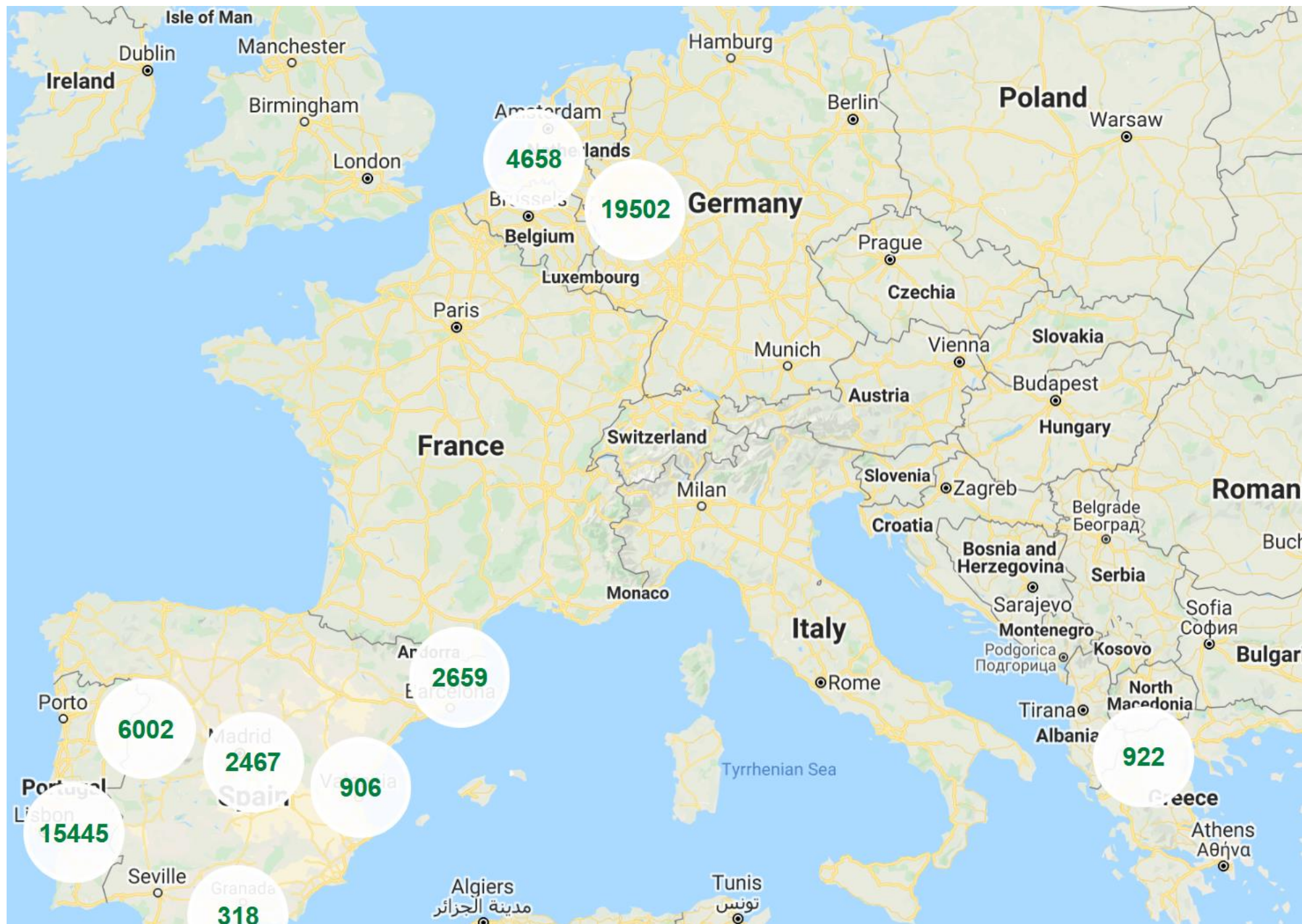
Map

Satellite



Expand





Results first season (2020-2021)

Main KPIs

- 135.000+ trees (goal: 100.000)
- 70+ events (goal: 50)
- 8 countries (goal: 6)
- 50+ Terra Leaders trained (goal: 20)



Highlight: Klimawald Germany (Engelskirchen)

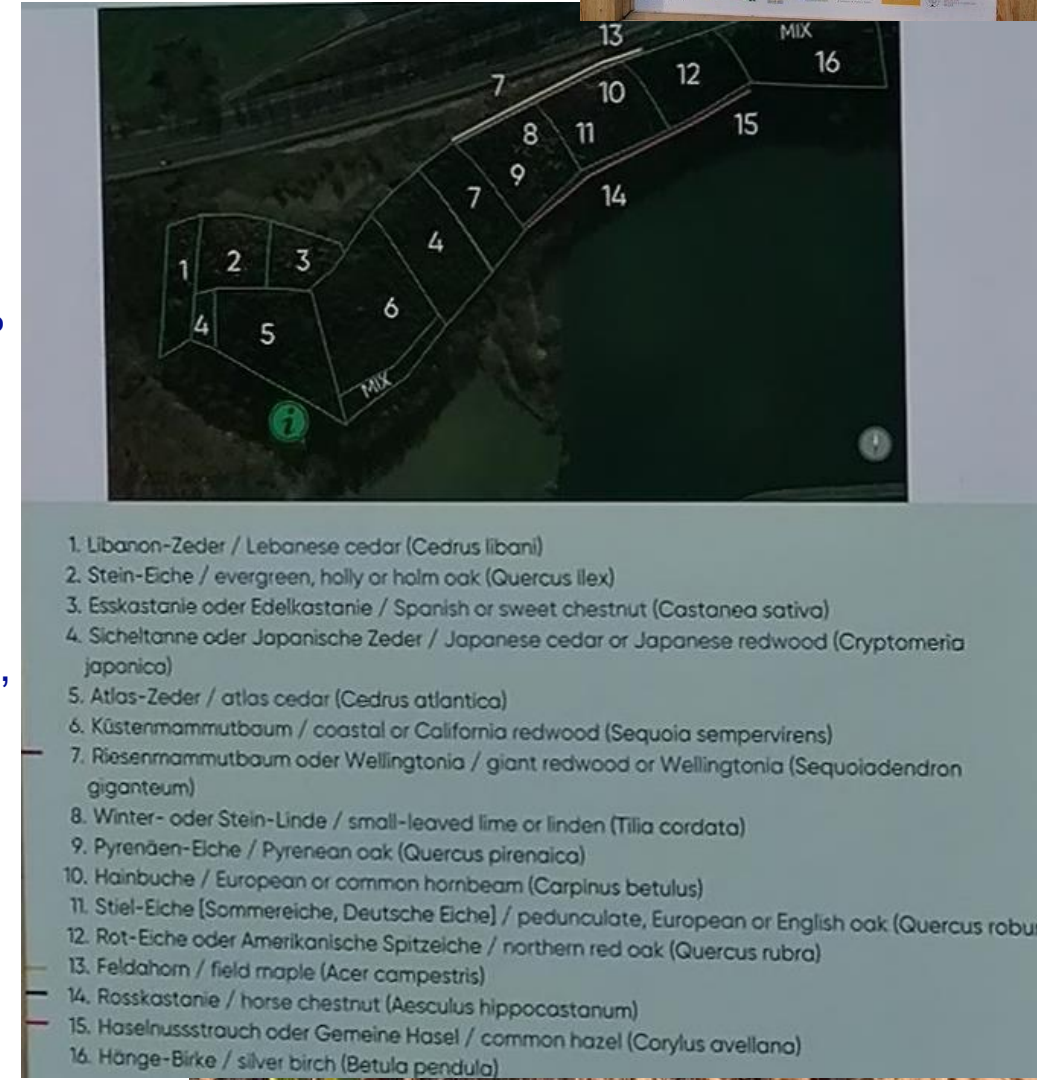


Highlight: Klimawald Germany



Main characteristics

- Reality: bark beetle, precipitation down 20-30%
- Objective: testing “climate proof” species
- 19.000 trees in approx. 5 ha
- 16 species
- Provenance: Spain
- Species pre-selected by UB, Wageningen Univ, local nursery and owner
- Agreed with regional forest authority
- Closely monitored area for performance
- Citizen participating (planting & maintenance)



Challenges

- Ecosystem approach
- Mixed forests (8+ different species)
- The right tree in the right place (cooperation with Restor/Crowther)
- Assisted migration (same or even new species)
- Introduction of closely monitored “climate forests”
- Afforestation vs Reforestation
- Quality of plantings (citizens vs professional planters)





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