



“Ecosystem restoration, citizen involvement & innovative monitoring”

Vintířov - November 19, 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

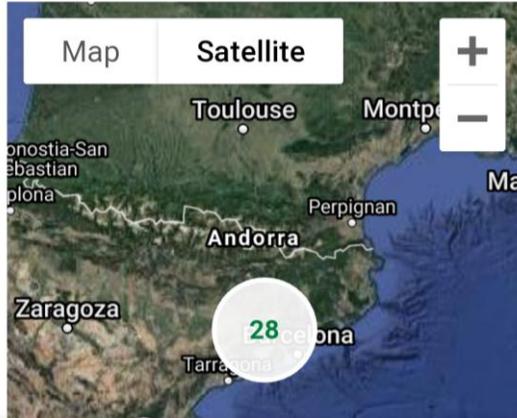
70 trees 

Together we've planted

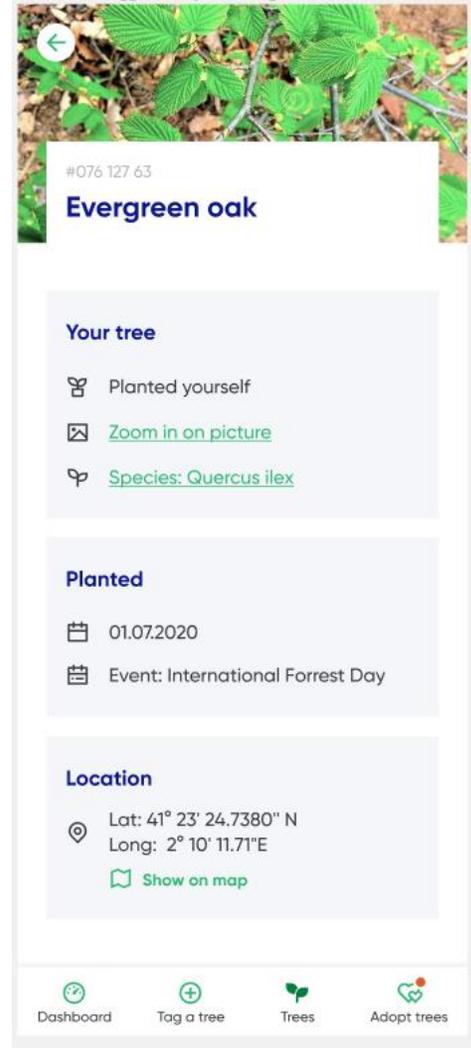
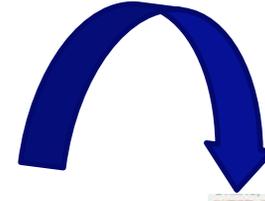
31643 trees 

My trees

[See all trees](#)



 Dashboard  Tag a tree  Trees  Adopt trees



The tree details screen features a top image of a young tree with a green arrow icon in the top-left corner. Below the image is the tree ID #076 127 63 and the name **Evergreen oak**. The 'Your tree' section includes: 'Planted yourself', 'Zoom in on picture', and 'Species: Quercus ilex'. The 'Planted' section shows the date 01.07.2020 and the event 'International Forrest Day'. The 'Location' section provides coordinates: Lat: 41° 23' 24.7380" N, Long: 2° 10' 11.71"E, and a 'Show on map' link. The bottom navigation bar is identical to the overview screen.



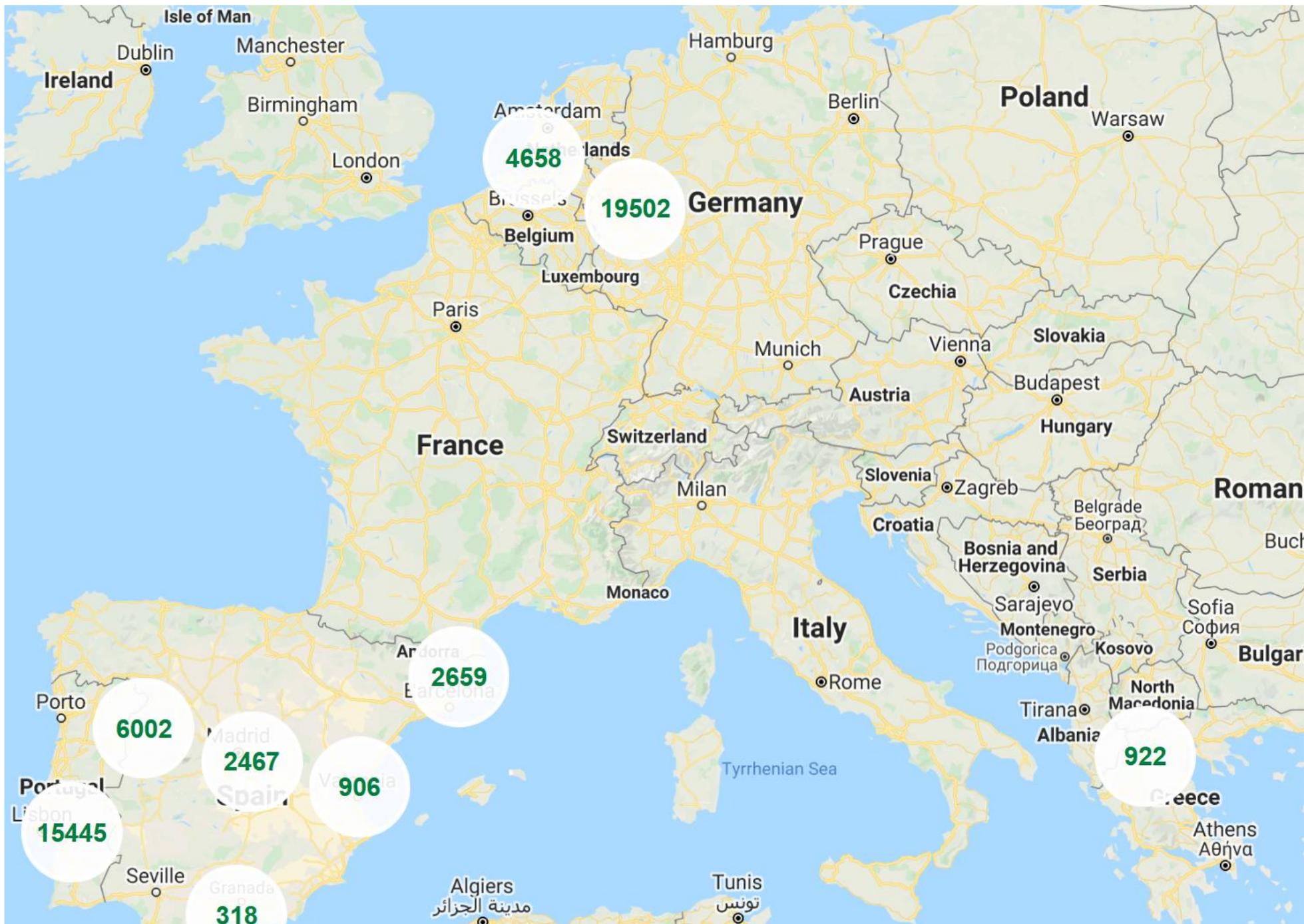
Map

Satellite



Expand





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)



1. Libanon-Zeder / Lebanese cedar (*Cedrus libani*)
2. Stein-Eiche / evergreen, holly or halm oak (*Quercus ilex*)
3. Esskastanie oder Edelkastanie / Spanish or sweet chestnut (*Castanea sativa*)
4. Sichelanne oder Japanische Zeder / Japanese cedar or Japanese redwood (*Cryptomeria japonica*)
5. Atlas-Zeder / atlas cedar (*Cedrus atlantica*)
6. Küstenmammutbaum / coastal or California redwood (*Sequoia sempervirens*)
7. Riesenmammutbaum oder Wellingtonia / giant redwood or Wellingtonia (*Sequoiadendron giganteum*)
8. Winter- oder Stein-Linde / small-leaved lime or linden (*Tilia cordata*)
9. Pyrenäen-Eiche / Pyrenean oak (*Quercus pirenaica*)
10. Hainbuche / European or common hornbeam (*Carpinus betulus*)
11. Stiel-Eiche [Sommereiche, Deutsche Eiche] / pedunculata, European or English oak (*Quercus robur*)
12. Rot-Eiche oder Amerikanische Spitzleiche / northern red oak (*Quercus rubra*)
13. Feldahorn / field maple (*Acer campestre*)
14. Rosskastanie / horse chestnut (*Aesculus hippocastanum*)
15. Haselnussstrauch oder Gemeine Hasel / common hazel (*Corylus avellana*)
16. Hänge-Birke / silver birch (*Betula pendula*)



Czech Republic - Vintířov

- Ecosystem approach
- Similar species as in Germany
- In collaboration with Czech University of Life Sciences - Prague
- Close monitoring of this Czech “climate forest”
- Quality of plantings (citizens vs professional planters)
- Intent to involve local stakeholders (schools!)
- Open to new collaborations with other landowners (Life Terra offers the trees)



Děkuji mnohokrát



Life Terra

LET'S PLANT TOGETHER

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LIFETERRA.EU

