

AgriFood Forum 23

PEACE
FOR FOOD:

Sustainability, Security for
Society and Planet

Trees & Data for Climate Resiliency

Sven Kallen – Life Terra Foundation

NOVEMBER 14TH, VILNIUS

AgriFood DIH
Lithuania

Life Terra's mission: 500 million new trees for Europe

Life Terra is a foundation with a mission 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.





Facilitating local Climate Action for schools, citizens, companies





01

Climate action

Millions of new trees for Europe involving citizens



02

Education

Engage thousands of school classes – local impact & awareness



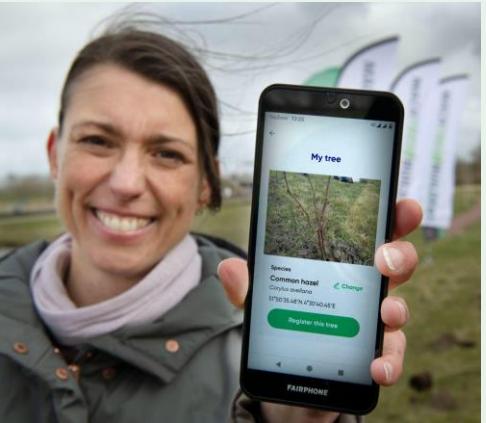
03

Monitoring

Right tree in the right place – forests for the future



Data driven Climate Resilience



01

Data collection

Digitalisation of tree planting data
Simple → Empower stakeholders
Monitoring of results (in-field & satellite)
Project (models)

02

Apply data

Analyse results
Apply lessons learned
Engage audiences
Plan to scale



Engage audiences



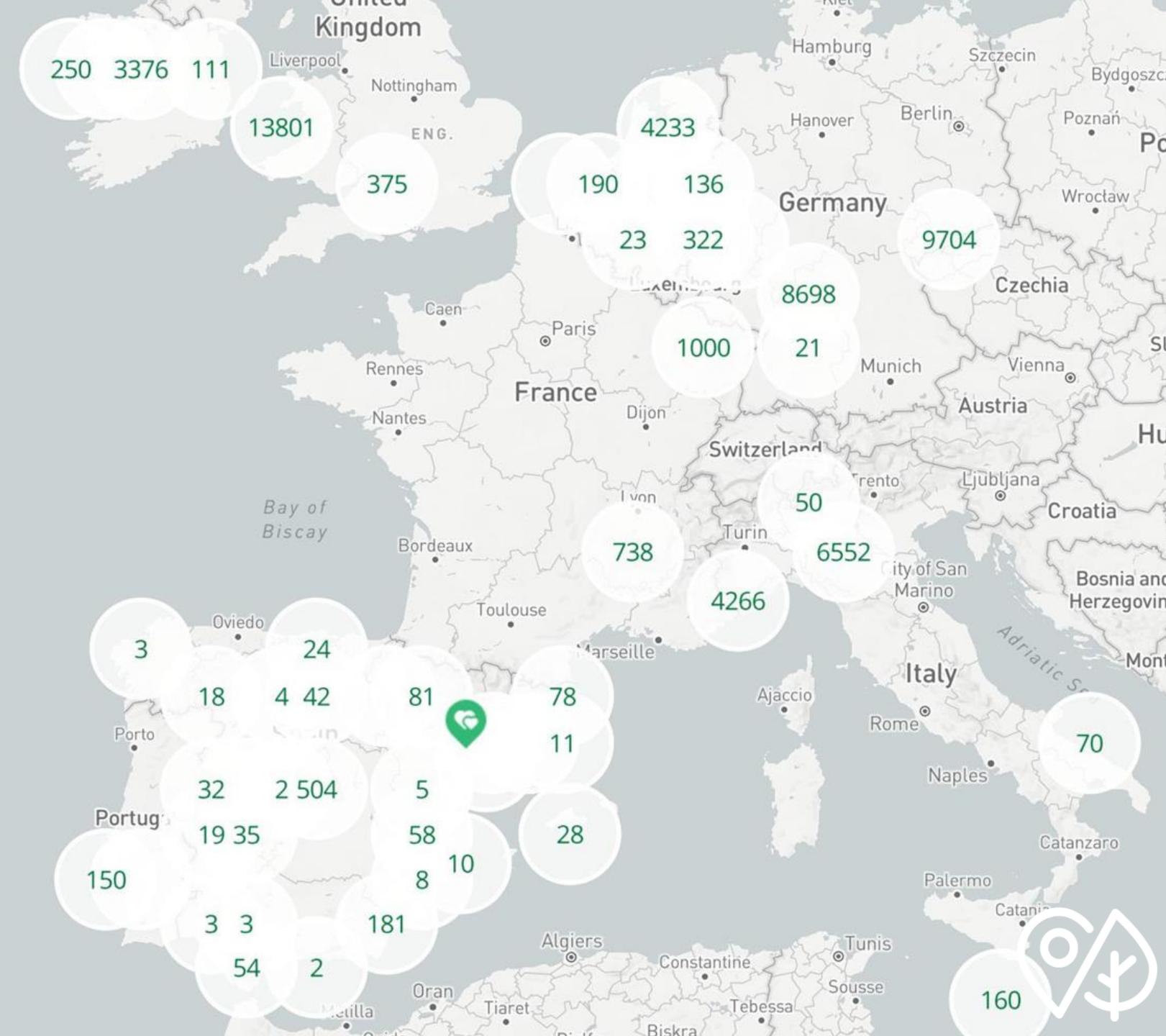
96,594
Trees planted

Tree Dashboards

Involve employees

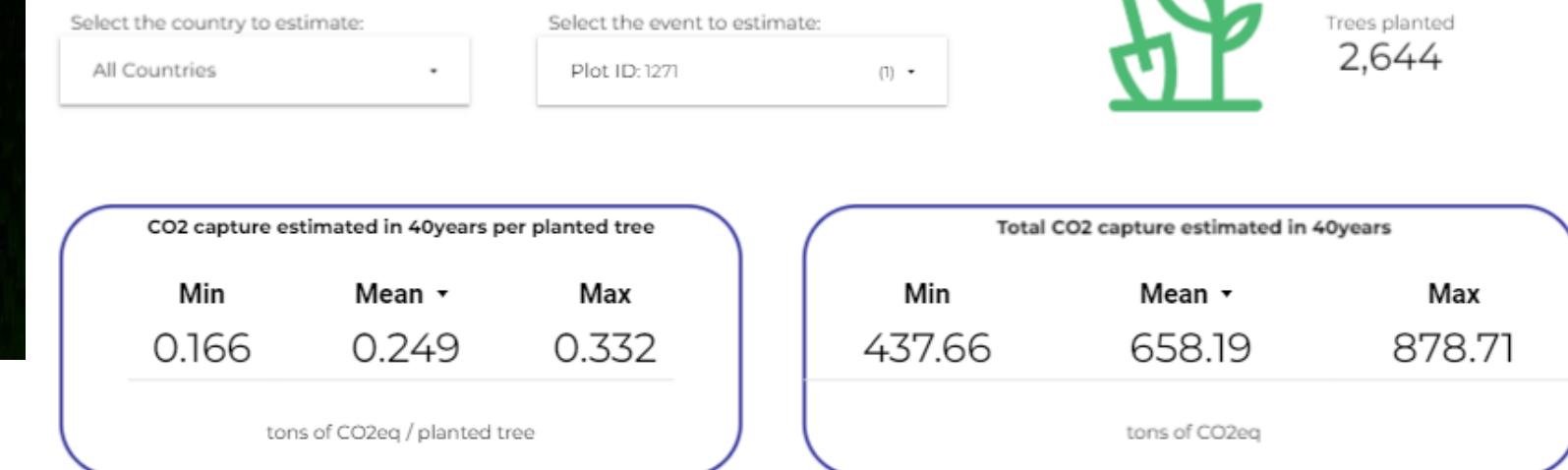
Boost local impact

Make all trees visible →
transparency & credibility



[TOTALS](#)[PROFESSIONAL](#)[CITIZEN](#)[AVAILABLE TREES](#)[CO2 CALCULATION](#)[ADOPT A TREE](#)

Visualise results

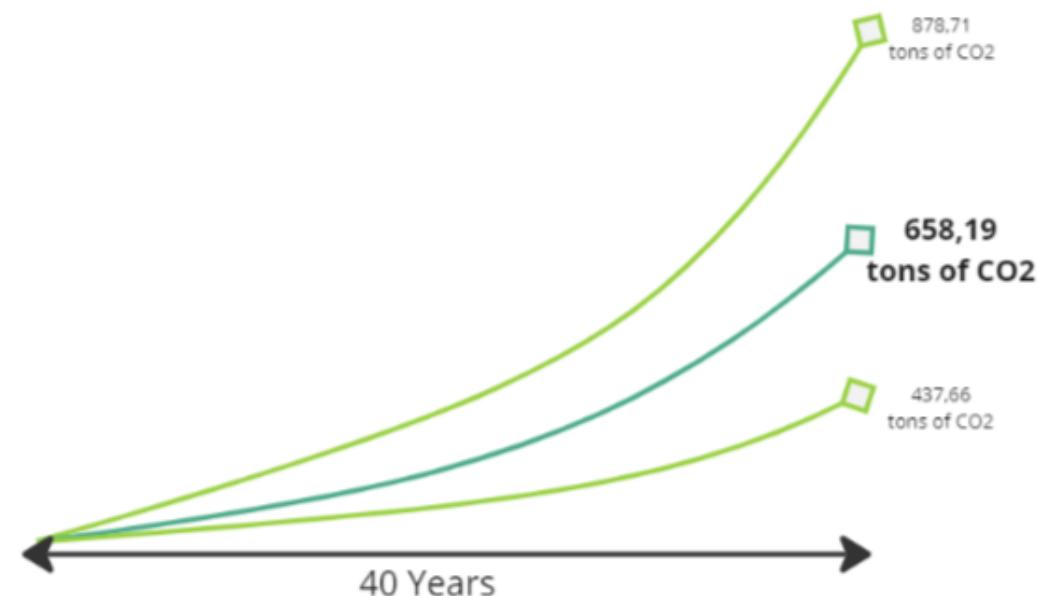


CO2 calculations

Open calculation models

Develop multiple scenarios

Transparency



Scale monitoring



Remote sensing

1,000+ plots in 20 countries

Goal: insight & early detection

Support small landowners

Level 3 : Tree counting

Layer 2 : Plot anomaly alerts

Level 1 : Site integrity

Data vs Resiliency



Ehreshoven Klimawald

Bark beetle affected land

5 ha – 19k trees – 16 species (Spanish nursery)





**Labai ačiū!
Thank you very much!**

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