



Life Terra project

IV Jornada Entitats pel Desenvolupament Sostenible

Curs 2021-2022

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Universitat de Barcelona, 18 Feb 2022



LIFE19 CCM/NL/001200



Life Terra is a European initiative with the mission to restore our connection with Earth and to enable people to take impactful climate action now. We facilitate tree planting, educate future generations, and develop tree-monitoring technology.

Life Terra

500 million trees

Plant trees. Grow forests. Restore Earth.



What makes us unique



Plant *the right tree in the right place*, sharing knowledge and expertise



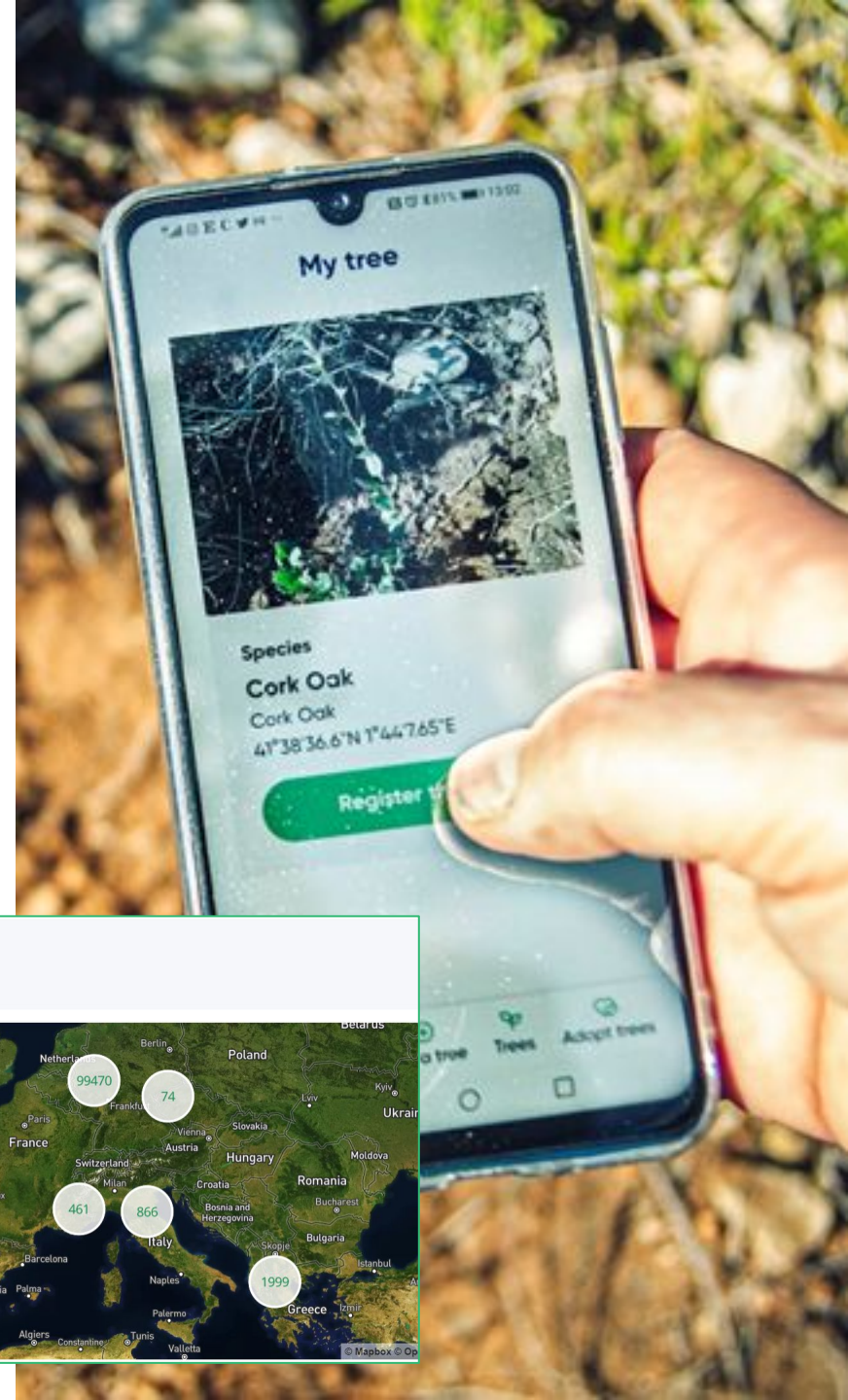
Monitor each tree planted with our unique platform to “tag your tree”



Educate future generations about sustainability and climate change



Engage communities in tree planting for large-scale positive impacts



Objectives

Life Terra is Europe's initiative to lead the fight against climate change, prepare future generations, drive greener policies across the board and generate investment and growth in green jobs. The main objectives are to:

1.

Engage

Engage a record number of individual citizens and stakeholders to take action towards climate change mitigation by facilitating the planting of 500 million trees in Europe by 2025

2.

Connect

Connect these participants through an innovative and comprehensive web platform and app that organizes and streamlines the planting process

3.

Innovate

Innovate in the latest monitoring and satellite technologies to provide citizens and specialists alike with precise and transparent data on trees planted

4.

Inspire

Inspire the next generation of EU citizens to thrive in the face of climate change challenges, through a unique STEM based sustainability education program



Strong pact



We are proud to work with a consortium of 16 partners from 8 EU countries that bring together expertise, knowledge and network in **Implementation, Technology, Communications, and Education**. Life Terra is approved and supported by the European Commission through their LIFE programme.



Support the UN Sustainable Development Goals

4 QUALITY
EDUCATION



8 DECENT WORK AND
ECONOMIC GROWTH



11 SUSTAINABLE CITIES
AND COMMUNITIES



13 CLIMATE
ACTION



15 LIFE
ON LAND



17 PARTNERSHIPS
FOR THE GOALS



Our results (2020 - 2021)



~ 7,500 **Volunteers** involved in **+130 tree-planting events**

in **9 Countries** from Europe (BE, CZ, DE, FR, GR, IT, NL, PT, SP)



~ 1,300 **Teachers** from +30 countries participating

~ 20,000 **Students** potentially involved



+100 Terra Leaders trained



+225,000

Trees planted





ApS with Life Terra: Reforestation project

Desenvolupament Sostenible
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Our tree-planting strategies

Citizen events

Participatory approach
Local community engagement
Involving schools & NGOs
Public & private land
Environmental education

Professional planting

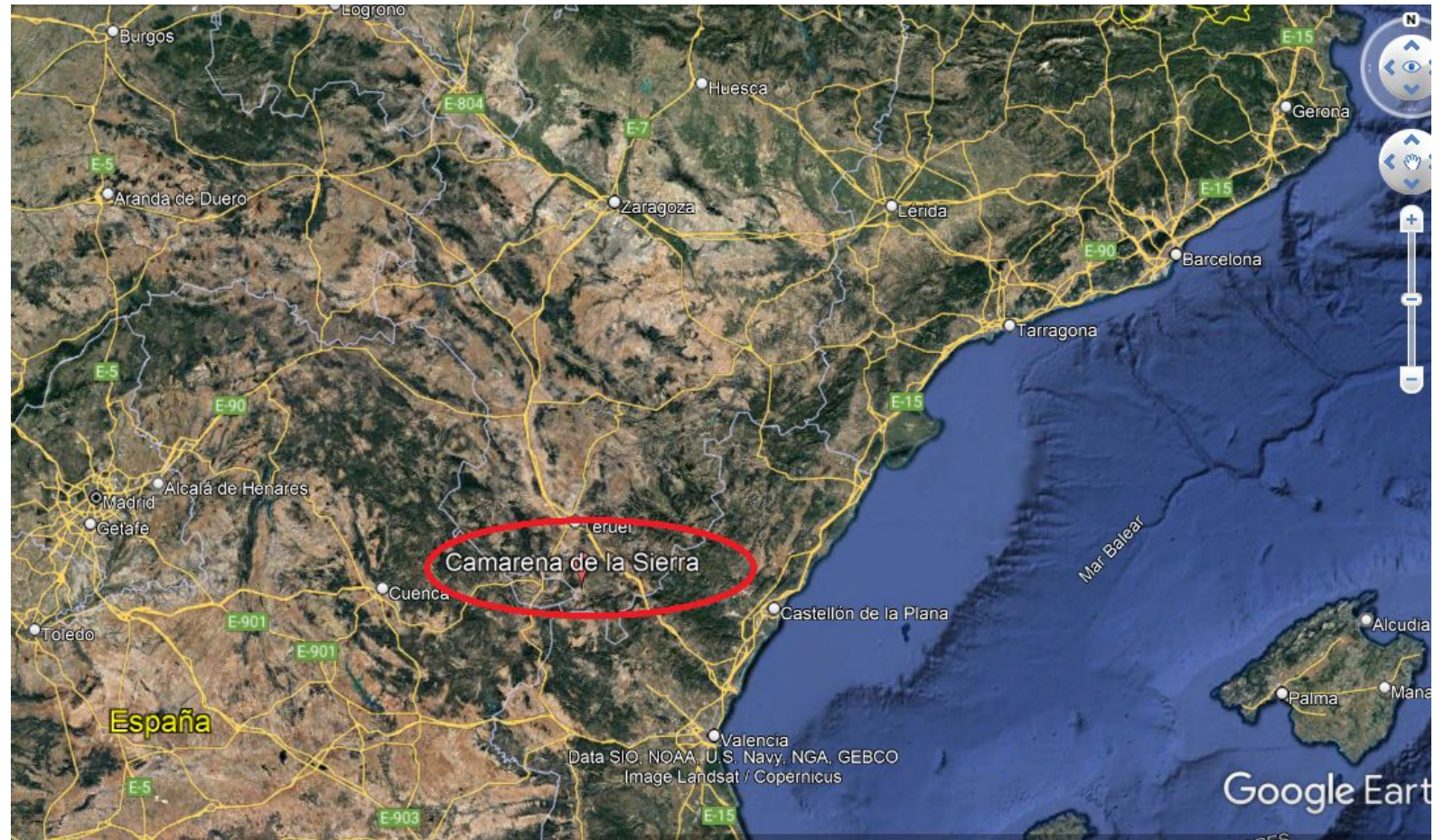
Technical approach
Big scale
Involving experts
Public land



Reforestation project

Professional planting

- Proposed area: Camarena de la sierra (Teruel)
- Plot: 50 ha
- Landowner: City council (Ayuntamiento Camarena de la Sierra)



Reforestation project

Professional planting

- Land use: forest area (burnt)



Reforestation project

Professional planting

- Aim: ecological restoration, in the framework of the **World Biological Corridor**
 - *Mission: create synergies, alliances, ideas, and projects in different parts of the planet with the aim of creating a green belt with continuous green infrastructure between different countries.*
 - Active in the 5 continents
 - International committee: environmental experts, institutions, governments, indigenous groups, etc.



Corredor Biológico Mundial



Reforestation project

Professional planting

Basics

Land feasibility for reforestation:

- *Is this land suitable for reforestation?*
- *What areas are optimal for it? (why)*
- *Which species should be used? (why)*

Planting Plan: distribution, planting techniques, etc.

“Framework for species selection and data gathering” (Allasia et al.)

- *Which local actors should be involved?*

What will you be working on?

Extras

Project impact analysis:

- Environmental
- Social
- Economic

Not just planting! Long-term maintenance plan

Life Terra **Citizen events** → *How to engage the local community in forest restoration?*

...



Reforestation project

In detail...

- Theoretical study/analysis → Impl. 2022-2023
- Fieldtrip: visit the land to be restored (Camarena de la sierra, Teruel)
- Test / validate methodology for species selection
- Working experience with EU / LIFE projects
- Hands-on experience in big-scale forest restoration
- Explore social engagement in reforestation projects
- ...





Join us

Let's plant together!

#climateactionnow

#lifeterra



Gràcies!
Alguna pregunta?



Life Terra

LET'S PLANT TOGETHER



LIFETERRA.EU





To keep in mind!

Our Core Principles and challenges (in short)

1. **Transparency** – Creating tools to make planting initiatives measurable and visible.
2. **Biodiversity** – Life Terra plantings will be multispecies, to ensure mixed forest stands and rich, biodiverse ecosystems. Species that are right for the area.
3. **The right tree in the right place** – an “ecosystem-based approach”. We consider all the conditions of a terrain and its surrounding area. To ensure that the restoring lands need trees.
4. **Trees are not enough** – planting trees alone cannot halt the climate crisis. We all need to take action, prioritizing sustainable agriculture, the circular economy, green energy, and biodiversity.
5. **Knowledge is power** – essential to educate the next generation providing them the knowledge and tools they need.
6. **Sustainability** – Survival tree success by working with landowners committed to maintaining their new trees over the long term to take full advantage of their carbon capture potential.
7. **Green procurement** – Our suppliers: organizations that have social and environmental goals in addition to their financial ones.



Terra Leaders, our *train the trainers* programme

Terra Leaders are empowered volunteers who take the lead in Life Terra's tree-planting events

Terra Leaders **support participants** to plant trees correctly. They make a difference in their community by **inspiring others** to take climate action while getting knowledge, skills, and hands-on experience in ecosystem restoration and climate solutions.

