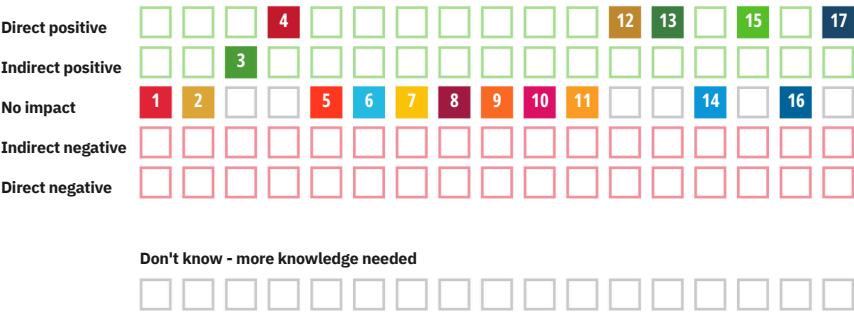


Ecological Restoration in La Junquera Phase II, Murcia (Spain)



Description

The reforestation project in La Junquera phase II, municipality, Murcia (Spain) entailed planting a total of 50,000 trees, representing five (5) distinct species consisting of a mixture of trees, shrubs, and herbs mainly native to the region and well-suited for adverse environmental conditions. The primary objective of this initiative was to enhance biodiversity by creating habitat corridors enabling wildlife movement. Additionally, these green fences will serve to mitigate wind erosion in an area already prone to degradation, improve soil water retention, and provide shade during the hottest months of the year. The project area, situated within the La Junquera municipality, covered 313,301.58 square meters.

The total CO2 capture for the entire project area was calculated to be between 2,743.33 and 10,813.75 TCO2-eq considering survival scenarios of 25.1% and 98.9% respectively at the end of the 40 years of the project's lifetime. Furthermore, accounting for an 50% survival rate, as proposed by the project developer, and applying it to the total CO2 capture determined by the aOCP results in a total of 5,464.80 TCO2-eq.

Strategic choices

These are the prioritised areas that we will take action on.

- ☐ Positive impacts we can strengthen even further
- ☐ Negative impacts we can eliminate or minimise
- ☐ Knowledge gaps we need to fill

Strategy



NO POVERTY

End poverty in all its forms everywhere

Impact

NO IMPACT

Motivation

The project does not influence the targets and does not change the indicators.



ZERO HUNGER

End hunger, achieve food security and improved nutrition and promote sustainable agriculture

Impact

NO IMPACT

Motivation

The project does not influence the targets and does not change the indicators.



GOOD HEALTH AND WELL-BEING

Ensure healthy lives and promote well-being for all at all ages

Impact

INDIRECT POSITIVE

Motivation

Indirect positive impact through: Target 3.4.: Reduce mortality from non-communicable diseases and promote mental health - several studies show that enjoying green areas and natural environments has a direct positive relationship with mental health. Target 3.9.: Reduce illness and death from hazardous chemicals and pollution - reforestation enhances biofiltering of potentially hazardous pollutants in the air, water and soil.



QUALITY EDUCATION

Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all

Impact

DIRECT POSITIVE

Motivation

Direct positive impact through: Target 4.7.: Education for sustainable development and global citizenship - Camp Altiplano, located at the site of the plantation, is responsible for planting with volunteers and schools, while providing a space for environmental education. The planting was done strictly through this organization.



GENDER EQUALITY

Achieve gender equality and empower all women and girls

Impact

NO IMPACT

Motivation

The project does not influence the targets and does not change the indicators.



CLEAN WATER AND SANITATION

Ensure availability and sustainable management of water and sanitation for all

Impact

NO IMPACT

Motivation

The project does not influence the targets and does not change the indicators.



AFFORDABLE AND CLEAN ENERGY

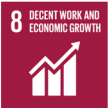
Ensure access to affordable, reliable, sustainable and modern energy for all

Impact

NO IMPACT

Motivation

The project does not influence the targets and does not change the indicators.



DECENT WORK AND ECONOMIC GROWTH

Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all

Impact

NO IMPACT

Motivation

The project does not influence the targets and does not change the indicators.



INDUSTRY, INNOVATION AND INFRASTRUCTURE

Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation

Impact

NO IMPACT

Motivation

The project does not influence the targets and does not change the indicators.



REDUCED INEQUALITIES

Reduce inequality within and among countries

Impact

NO IMPACT

Motivation

The project does not influence the targets and does not change the indicators.



SUSTAINABLE CITIES AND COMMUNITIES

Make cities and human settlements inclusive, safe, resilient and sustainable

Impact

NO IMPACT

Motivation

The project does not influence the targets and does not change the indicators.



RESPONSIBLE PRODUCTION AND CONSUMPTION

Ensure sustainable consumption and production patterns

Impact

DIRECT POSITIVE

Motivation

Direct positive impact through: Target 12.2.: Sustainable Management and use of natural resources - Life Terra engages in the compromise of sustainable management and use of natural resources through good practices reflected in the Collaboration Agreement between the foundation and the landowners.



CLIMATE ACTION

Take urgent action to combat climate change and its impacts

Impact

DIRECT POSITIVE

Motivation

Direct positive impact through: Target 13.1.: Strengthen resilience and adaptive capacity to climate related disasters. Target 13.3.: Build knowledge and capacity to meet climate change. Target 13.B.: Promote mechanisms to raise capacity for planning and management. All these targets are key to Life Terra's mission.



LIFE BELOW WATER

Conserve and sustainably use the oceans, seas and marine resources for sustainable development

Impact

NO IMPACT

Motivation

The project does not influence the targets and does not change the indicators.



LIFE ON LAND

Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss

Impact

DIRECT POSITIVE

Motivation

Direct positive impact through: Target 15.1.: Conserve and restore terrestrial and freshwater ecosystems. Target 15.2.: End deforestation and restore degraded forests. Target 15.3.: End desertification and restore degraded land. Target 15.5.: Protect biodiversity and natural habitats. Target 15.8.: Prevent invasive alien species on land and in water ecosystems. Target 15.B.: Finance and incentivize sustainable forest management.



PEACE, JUSTICE AND STRONG INSTITUTIONS

Promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable and inclusive institutions at all levels

Impact

NO IMPACT

Motivation

The project does not influence the targets and does not change the indicators.



PARTNERSHIPS FOR THE GOALS

Strengthen the means of implementation and revitalize the global partnership for sustainable development

Impact

DIRECT POSITIVE

Motivation

Direct positive impact through: Target 17.6.: Knowledge sharing and cooperation for access to science, technology and innovation - Life Terra's transparent action-taking enhances the possibility of third parties to access our methodologies and learn from our process. Target 17.16.: Enhance the global partnership for sustainable development - Key in Life Terra's mission, as our information and strategies are shared with our partners in several countries around the world. Target 17.17.: Encourage effective partnerships - Through Collaboration Agreements with landowners and partners.