Reforestation of a UNHCR Refugee Camp to Provide Livelihoods for Refugees

ECOSYSTEM & COMMUNITY CONTEXT

- Minawao camp hosts mainly Nigerian refugees fleeing Boko Haram. Like most camps, the majority of the residents are women and children.
- Minawao refugee camp was designed to host 10,000 refugees. It now hosts over 60,000.
- Refugees cut trees for shelter and firewood, depleting local resources and angering the host community.

PROJECT DETAILS

- Location: Minawao, Cameroon
- Program: Reforestation (multicultural, native, agroforestry)
- Partners: UNHCR & Lutheran World Federation
- Restoration: ~65 hectares (40K trees)
- Scale-up opp.: ~200 hectares (~120K trees)
- Project videos: [Spring 2018](#) & [Spring 2019](#)
DELIVERABLE POSSIBILITIES

- Trees planting with mechanism to safeguard permanence
- GPS coordinates of your forest
- Satellite and high-res images
- Drone / field videos
- Impact reporting
- (Optional) planting /field visits

GPS Coordinates Example

Impact Reporting Example

Thank You
From Land Life Company

Dear Maarten de Geus,

Thank you for making StreetLife a part of ours.
During the fall and winter of 2018 Land Life Company, Mexico and Texas,
The trees we planted for you as part of the GeoRedOx project, an area that lost over 200
hectares to deforestation.
What a pleasure it has been to witness the scene
warming, 2 months of planting - and nature's magic.
On behalf of everyone at Land Life, I sincerely
thank you.
Best wishes,

Aurian Buiu
CEO Land Life Company

Tree Species

<table>
<thead>
<tr>
<th>Species</th>
<th>Benefits</th>
<th>CO2 Capture Potential</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stone Pine</td>
<td>Fiber, medicine</td>
<td>~2%</td>
</tr>
<tr>
<td>Oak (Quercus Alba)</td>
<td>Wood</td>
<td>~0%</td>
</tr>
</tbody>
</table>

Program Overview

Challenge & Solution

The Challenge
- Large-scale deforestation/deforestation (over 100 ha in Spain)
- Population decline from increasing urbanization/industrialization
- Aging demographics (75% of Spanish farmers retire within 10 yrs)
- Vulnerable economies due to monocultures/limited biodiversity
- Forest fire restocking for the 2017 bush fires, wiping 200 ha in 1 day

- Trees: 95,000
- Species: Pine, Oak, Service Tree, Hawthorn, Ash, Almond
- Expected: 21,930 tCO2 over 40 years
- Area: 100 hectares
- Planning: Nov 2018 - Jun 2019

Technology:
- Geocensor, myoelectric logs, soil analysis, QR code monitoring, drone mapping, satellite data

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