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Who we are
myclimate foundation

- Non-profit foundation in Zurich
  - Founded in 2002, ETH spin-off
  - Headquarters in Zurich (50 employees)
  - Turnover 2013: CHF 12.7 Mio
- Objective: Effective Climate Protection
- International Patronage committee, i.a.
  - Doris Leuthard (Swiss Federal Councilor)
  - Prof Muhammad Yunus (Nobel Peace Prize laureate)
  - Ernst Ulrich von Weizsäcker (Co-President Club of Rome)
  - Prof. Dr. Reto Knutti, Co-author of the IPCC climate report
  - Habiba Sultan Al Mar‘ashi (Chairwoman Emirates Env Group)
myclimate worldwide

- International myclimate representatives
  myclimate Germany, myclimate Japan, myclimate Turkey, myclimate Luxembourg, Norway, Sweden, Greece, India, myclimate arabia (Middle East & North Africa)

- 70 Carbon offset projects in 27 countries: Europe, Africa, Asia, Latin America, New Zealand
Our objective: low carbon society

«Low carbon society»: 1-2 t CO$_2$ society

Reduction of CO$_2$ emissions in own area of responsibility and authority

Purchase of CO$_2$ reductions: carbon offsetting through external projects
Our mission
Solutions for climate protection

- Climate Education
- Consulting and Solutions
- Carbon offsetting in climate protection projects
Why Engagement in Land-Use Sector?
GHG Emissions: Climate Change Contributions of the AFOLU sector

especially relevant in developing countries

<table>
<thead>
<tr>
<th></th>
<th>1970</th>
<th>1990</th>
<th>2010</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bunkers</td>
<td>0.5Gt</td>
<td>0.6Gt</td>
<td>1.1Gt</td>
</tr>
<tr>
<td>Low Income</td>
<td>3.2Gt</td>
<td>3.5Gt</td>
<td>3.4Gt</td>
</tr>
<tr>
<td>Lower Mid Income</td>
<td>3.4Gt</td>
<td>5.6Gt</td>
<td>7.9Gt</td>
</tr>
<tr>
<td>Upper Mid Income</td>
<td>5.9Gt</td>
<td>9.8Gt</td>
<td>18.3Gt</td>
</tr>
<tr>
<td>High Income</td>
<td>14.4Gt</td>
<td>18.3Gt</td>
<td>18.7Gt</td>
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</table>

“Climate change cannot be won without the world’s forests. This, however, will be a complex and challenging feat. Nonetheless, it is one of the best large-scale investments we can make against climate change that could result in an equally large-scale dividend.”

Ban Ki-moon, UN Secretary-General, September 2008
Without Forestry we won’t reach the 2°C target

“If current trends continue, the deforestation of tropical forests will emit about 50% as much carbon into the atmosphere as from the worldwide burning of fossil fuels since the industrial revolution.” (Houghton 2005)
Importance of Land-based Projects in the voluntary market

- In 2010, the global markets for forest carbon projects hosted the largest volume and value of credits contracted in history

- Land-based projects supplied the largest volume (30 MtCO2e) of credits transacted in the OTC vol. carbon market → 46%
Summary: why myc involvement

- Climate protection without forest not possible
- Techn. & methodological issues resolved
- Growing voluntary forest carbon market
- Clients interest for Forestry projects
- Many Co-benefits, (incl. Adaptation), easily explained
- Only few trustworthy forest carbon credits providers on voluntary market
Why Plan Vivo

- Longest standing Standard
- Set of principles & values
- Methodological soundness (bottom-up, fair, equitable)
- Project design → addresses main drivers of deforestation → working with smallholders
- Success: Climate protection & poverty reduction
- Price stability
- Marketibility
- Personal → building trust
Our selection criteria / expectations/USPs of projects
Mycclimate Must Haves

- Long-term relationship with project partner → trust
- Improve resilience of ecosystems & social systems
- Tangible sustainability benefits:
  - Direct monitoring on site
  - Gender segregated
  - Equitable benefit sharing (i.e., land less)
  - Monetary & non-monetary
  - Direct & indirect

→ Good Data management/Collection
→ Good communication
Social impact: Program Participants
- Participating communities
- Participating smallholder families

Social impact: Employment Created
- Permanent positions
  - Nursery staff hired (seasonal)
  - Planting staff hired (seasonal)
  - Other staff hired
- Seasonal employment

Total employment created

Social impact: Employment demographics
- Number of Landless farmers employed
- Number of Men employed
- Number of Women employed

Social impact: Capacity development
- Community Project Development Workshops
- Total session attendance

Financial impact: Payments and community fund contribution (USD)
- Ecosystem service payments made
- Advance payments made
- Additional payments to the community

Total community payments made to date

Equivalent annual local salaries

Future ecosystem service payments allocated

Total funds allocated to community

Environmental impact: Trees planted
- Mixed species forest plantation
- Silvopastoral planting
- Boundary planting

Total trees planted

Environmental impact: Biodiversity
- Number of unique species recorded

Environmental impact: Area reforested
- Mixed species forest plantation (ha eq)
- Silvopastoral planting (ha eq)
Socio-economic impacts

- $3 Economic benefit
- $52 Fuel savings
- $56 Skills & Jobs
- $609 Environmental

For every 1 tonne of carbon reduction, the total is $664 above and beyond carbon reduction.

2013 by: [ICROA and CEP logos]
Myclimate Must Haves

- Good marketing Material
  - Video
  - Personal stories
  - High quality pictures
On average, 5 hours per week and CHF 90 per year can be saved on collecting and purchasing firewood per household.
Thank you very much for your attention!

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www.myclimate.org
## Gold Standard Impact Assessment

### Table 4: Cobenefits per carbon credit (estimates in international $ - 2013)

<table>
<thead>
<tr>
<th>Cobenefit</th>
<th>Biodiversity</th>
<th>Balance of Payments</th>
<th>Employment</th>
<th>Livelihood</th>
<th>Health Impacts</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Afforestation and Reforestation</strong></td>
<td>$150</td>
<td></td>
<td>$27</td>
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<tr>
<td><strong>Wind</strong></td>
<td></td>
<td>$19</td>
<td>$2</td>
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<tr>
<td><strong>Cookstoves</strong></td>
<td></td>
<td></td>
<td>$3</td>
<td>$93</td>
<td>$55</td>
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<td>This was not valued for lack of data</td>
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<td></td>
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<tr>
<td><strong>Water Filters</strong></td>
<td></td>
<td></td>
<td>$1</td>
<td>Unable to quantify</td>
<td>$117</td>
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<tr>
<td><strong>Biogas</strong></td>
<td></td>
<td></td>
<td>$2</td>
<td>$7</td>
<td>$32</td>
</tr>
</tbody>
</table>
Reasons why we prefer to work with Plan Vivo Standard

- To meaningfully reduce deforestation and enhance the ability of land to store carbon, we have to address the forces that drive agricultural practices and expansion into forested areas, including the growing global demand for food, fuel and fiber. Plan Vivo addresses this by working with small landusers.
- Success will require that we simultaneously protect the livelihoods and rights of indigenous people and poor rural communities.
- Recent studies have shown that community managed forests presented lower and less variable annual deforestation rates than protected forests and recommends that a more resilient and robust forest conservation strategy should encompass a regional vision with different land use types in which social and economic needs of local inhabitants, as well as tenure rights and local capacities, are recognized. [http://www.cifor.org/nc/online-library/browse/view-publication/publication/3461.html](http://www.cifor.org/nc/online-library/browse/view-publication/publication/3461.html)