

much more than just carbon-emission-reductions

René Estermann, CEO myclimate

COP18 side event /Doha, 3rd December, 2012



Climate change in Swiss mountains



1948



2002



2006



We all are polluters and victims!

2-3 bilion people still are cooking on open fires



.... & with inefficient cooking are a major source for global deforestation



2-3 billion people with only candles and kerosen lights



Fulfilling basic needs like food, housing, education, mobility, light, income, health ...

for > 1'000 mio people in India, > 1'000 mio in China, > 1'000 mio in Africa, ... for 10'000 mio women, men, children in 2050!



.... with sustainable development!

63 myclimate projects much more than just carbon-emissionreduction ...



Solarstove –Homesystems, PV-parcs, Watersaving, Agro-Forestry, Lighting, Mobility



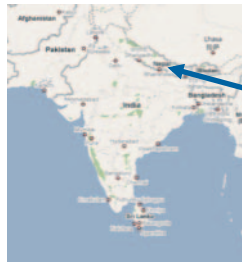
...Biogas, Compost, Biomass-power/-pellets, Stoves, Wind, Hydropower, Water

.Nepal, Brasil, Madagaskar, Ethiopia, DomRep, Uganda, Sudan, China, Southafrica, Indonesia, Kenya, Turkey, Peru

...food, water, health, biodiversity, education, income, housing, sanitation, dignity -> ,momentums of change' for a better future!



Organic waste composting in Nepal



Technology:



composting facilities

CO₂-Reduction:
40,704t CO₂e (over 10 years)

Project standard:
Gold Standard VER



United Nations
Framework Convention on
Climate Change

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TIATIONS Momentum for Change: 2012 Lighthouse Activities

- Collection of organic waste from vegetable markets in Kathmandu
- Composting facilities to process organic waste into compost/ fertilizer
- Reduction of greenhouse gas emissions from traditional landfills
- + good fertilizer -> healthy food
- + Clean waste management, better sanitation
- + creates income & jobs



Kolar Biogas Project



Technology:



alternative to use of
firewood and kerosene
for cooking

CO₂-Reduction:
546,000 t CO₂e (over 10 years)

Project standard:
Gold Standard CDM



The Gold Standard[®]
Premium quality carbon credits
Applicant 670

- Replaces inefficient cooking stoves or LPG with clean biogas stoves.
- reduce methane emissions from cattle manure.
- a family size biogas unit for 10,000 households,
- + Economic benefits, less time/costs for wood/LPG
- + more time for education/business
- + less smoke -> healthier kitchen



Energy Efficiency at Brick Producers, EELA Program, Peru



Technology:



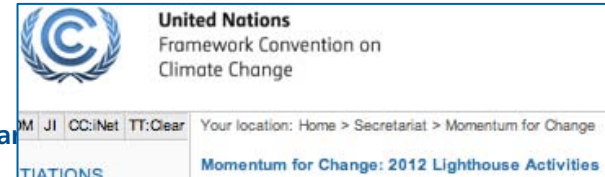
Energy Efficiency

CO₂ reduction:

60,000 – 80,000t CO₂e (over 10 years)

Project standard:

VER, Gold Standard intended



- This Program of Activities (PoA) aims to install efficient kilns in the artisanal brick-producing.
- The brick producers will use less fuel (primarily wood) to generate the same amount of output.
- + strengthens the business model and generate new jobs and training opportunities
- + It will help reduce stress on forest resources and reduce air pollution.

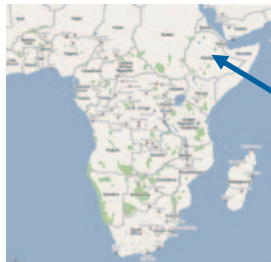


Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
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Agencia Suiza para el Desarrollo
y la Cooperación COSUDE


swisscontact

Solar lighting in rural Ethiopia



Technology:



Energy from photovoltaic cells to power lighting

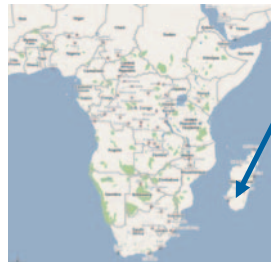
CO₂-Reduction:
170,000t CO₂e (over 10 years)



- Improved circumstances because of the new lighting
- reduction of greenhouse gases due to abstinence of kerosene lamps
- + Positive impact on health
- + Business for solar-entrepreneurs
- + Incl. standard-Edu-center in the newly founded „International Solar Energy School“



Solar & efficient stoves in Madagascar



Technology:



Solar stoves and
efficient stoves

CO₂ reduction:
153,329 CO₂e (over 7 years)



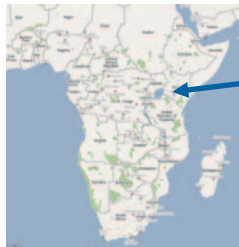
The Gold Standard
Premium quality carbon credits

Project 464

- Distribution of solar stoves and efficient stoves in Southwest Madagascar
- Reduced deforestation due to reduced wood and charcoal consumption
- Less smoke emissions, thus better indoor air quality and better health
- Local manufacturing and employment creation



Energy Efficient Cook Stoves for Siaya Communities, Kenya



Technology:



Reduction of
deforestation

CO₂-Reduction:
316,080 t CO₂e (over 7 years)



The Gold Standard[®]
Premium quality carbon credits

Applicant 879

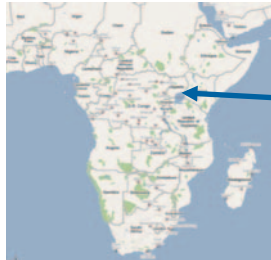


- efficient cook stoves constructed with local materials reduce firewood consumption by approximately 40-50 per cent. -> reduce firewood collection and relieving the household's budget for fuel purchase.
- + less smoke, healthier kitchen
- + Initiated > 200 table-banking women's-saving-&loaning groups, highly improved economical conditions



Climate & Water

Clean Water through Clean Technology / Uganda



Technology:



Zero-emission water disinfection devices for households

CO₂-Reduction:

1-2 Mio t CO₂-eq (over 10 years)

Project standard:

GS VER or CDM CER

- Replace water boiling with zero-emission technologies for water disinfection
- Reduce poverty by avoiding spendings of time and money for firewood
- + Reduce deforestation and biodiversity loss.
- + Positive impact on health through improved drinking water availability and improved indoor air quality



Water, Energy & Emissions Efficiency Residential Program, Mexico



Technology:



Energy Efficiency
Domestic

CO₂ reduction:

3,200,000 t CO₂e (over 10 years)

Project standard:

CDM, Gold Standard (VER & CER)

- The objective of the project is to reduce greenhouse gas emissions through improving water and energy efficiency in low-income households.
- By lowering water heater use of fossil fuels, the project will reduce greenhouse gas and other emissions and reduce the waterconsum.
- + jobs for more than 500 so-called 'lady plumbers'.
- + Saves water-ressources in water-scarcity-area



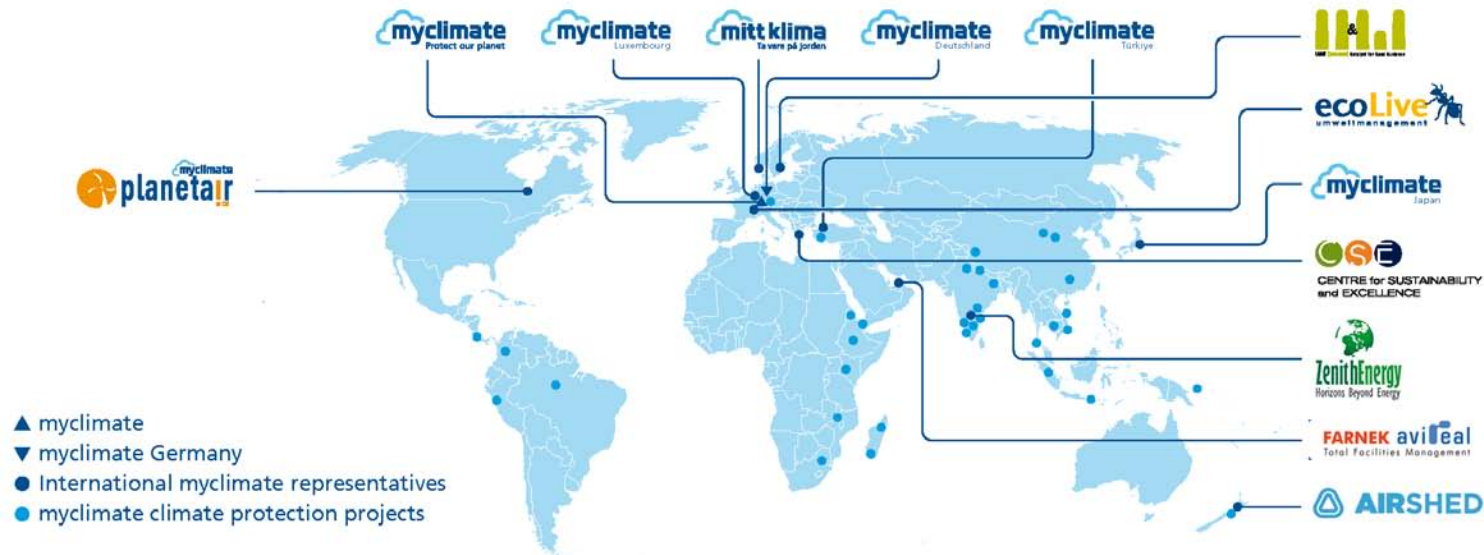
Who we are

- Non-profit foundation in Zürich □
 - Founded in 2002 ETH Spin-Off
 - 45 employees in Zurich □
- Objective: Climate Protection □
 - Measurable, efficient □
 - Sustainable development □
- Broad Basis
 - Board of trustees □
Economics, science, politics, NGO's
 - Patronage Committee



myclimate worldwide

- myclimate representatives globally in 11 countries
 - Germany (myclimate Deutschland), Japan (myclimate Japan), Turkey (myclimate Turkey), Canada, Norway, Sweden, Luxembourg, Greece, India, New Zealand, UAE
- More than 60 carbon offset projects in 27 countries
 - Europe, Africa, Asia, Latin America, New Zealand



myclimate – The Climate Protection Partnership



The future is not just a destiny



... incl. sustainable development!

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