South Pole Carbon Asset Mgt

www.southpolecarbon.com

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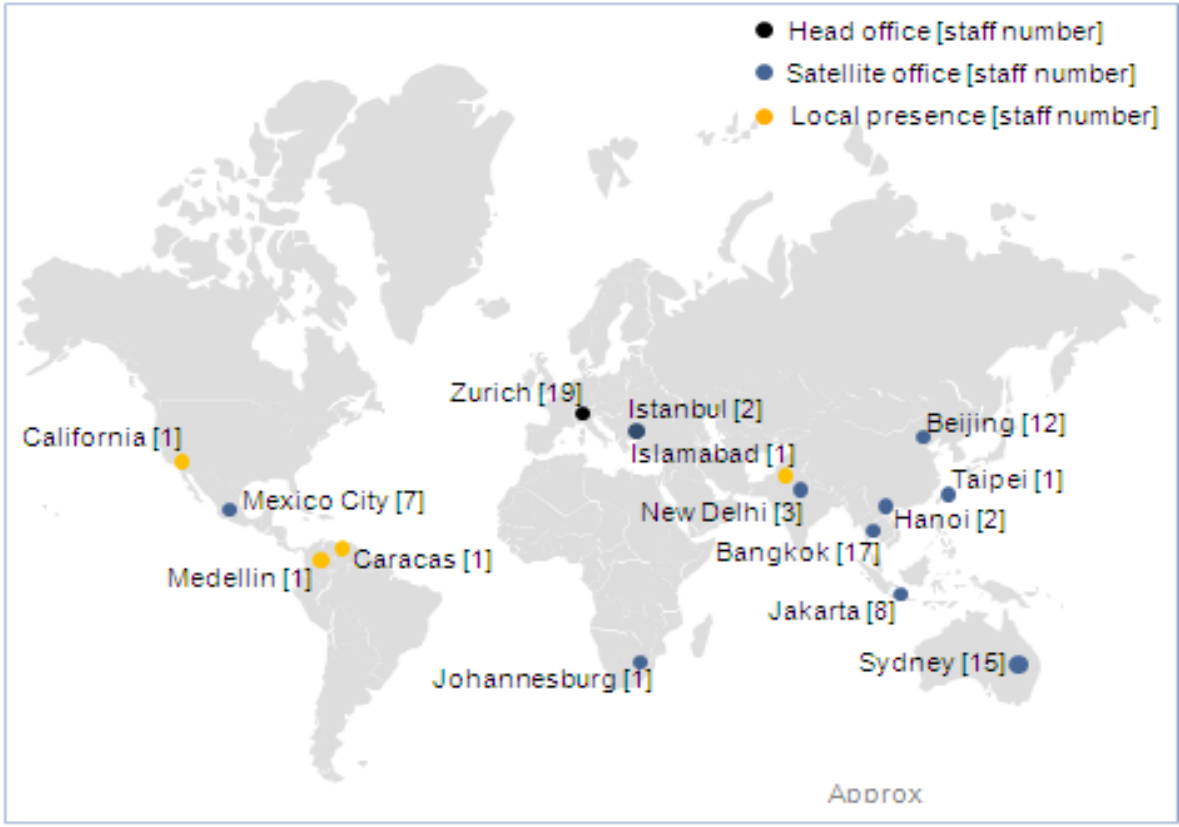
Get to know us

A Global Carbon Company

South Pole Carbon is an international company that specializes in reducing greenhouse gases and developing innovative climate friendly solutions.

About

With eleven offices around the globe and operations in 25 countries, the company enables the implementation and operation of high-quality emission-reduction projects that address climate change and sustainable.



- Incorporated in July 2006
- 11 offices worldwide
- Over 75+ carbon professionals
- Projects in 20+ countries
- Specialized in high-quality "Gold Standard" projects
- Developing both voluntary and compliance credits

Get to know us

An Awarded Carbon Company

In 2011 and 2012, the company was named "Best Project Developer" from Voluntary Carbon Market Survey.

'Best Project Developer' by Environmental Finance MAGAZINE

As well in 2012, Swiss bank Zuercher Kantonalbank awarded us the SME Sustainability Prize.

Zürcher Kantonalbank

Get to know us

In 2012, the readers of Carbon Trading magazine recognized our broad experience and excellent work also in the Kyoto space, naming us Best Project Developer CDM.

Get to know us

For our innovative business model emphasizing positive social impact to communities in developing countries, CEOs Renat Heuberger and Dr. Christoph Sutter have won the Social Entrepreneur of the Year 2011 prize, given by the Schwab Foundation.

Get to know us

- **Leadership Position on Gold Standard (GS) Registry**, market leader in issued GS VER credits
- **Thailand most credit issuance,** more than 3,000,000 credit has been sold
- **First Thai PoA,** Small-Scale Renewable Energy PoA in Thailand
  - Brought to market the **first ever Gold Standard carbon** credits (Biomass Malavalli / India)
  - Handled the **first ever international Kyoto carbon credit transfer**
  - **First company to cancel carbon credits**, making sure that they cannot be resold

Services

Voluntary Market

High Quality Carbon Credits

Get your carbon credits directly from the Best Project Developer. Wind power, solar, hydro, biomass, biogas efficient cook stoves, water purification - South Pole Carbon supports projects in more than 25 countries.

Climate Friendly Solutions

South Pole Carbon offers tailor-made solutions to innovative companies who take responsibility in the fight against climate change. With the Climate Credit Card, Gold Power and more - South Pole Carbon has your climate friendly solution.

Compliance Market

New Carbon Markets

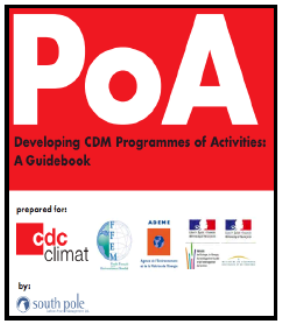
Worldwide carbon markets are developing and evolving fast. South Pole Carbon offers advisory services, scoping studies, and pilot projects around the development of new carbon markets, drawing upon its vast experience with greenhouse gases mitigation action on the ground.

Carbon Asset Management and CER Trading

South Pole Carbon has one of the world's largest portfolios of projects registered under the Clean Development Mechanism (CDM). The company acts as buyer and seller of CERs. South Pole Carbon's experience in CDM portfolio management, PoA management, due diligence services, monitoring tools, reporting and verification is unparalleled.

Forestry

South Pole Carbon guides forest carbon projects worldwide through certification according to international carbon standards. We work in project financing, provide match-making services between project developers and investors, as well as offering forest and land-use carbon advisory services.



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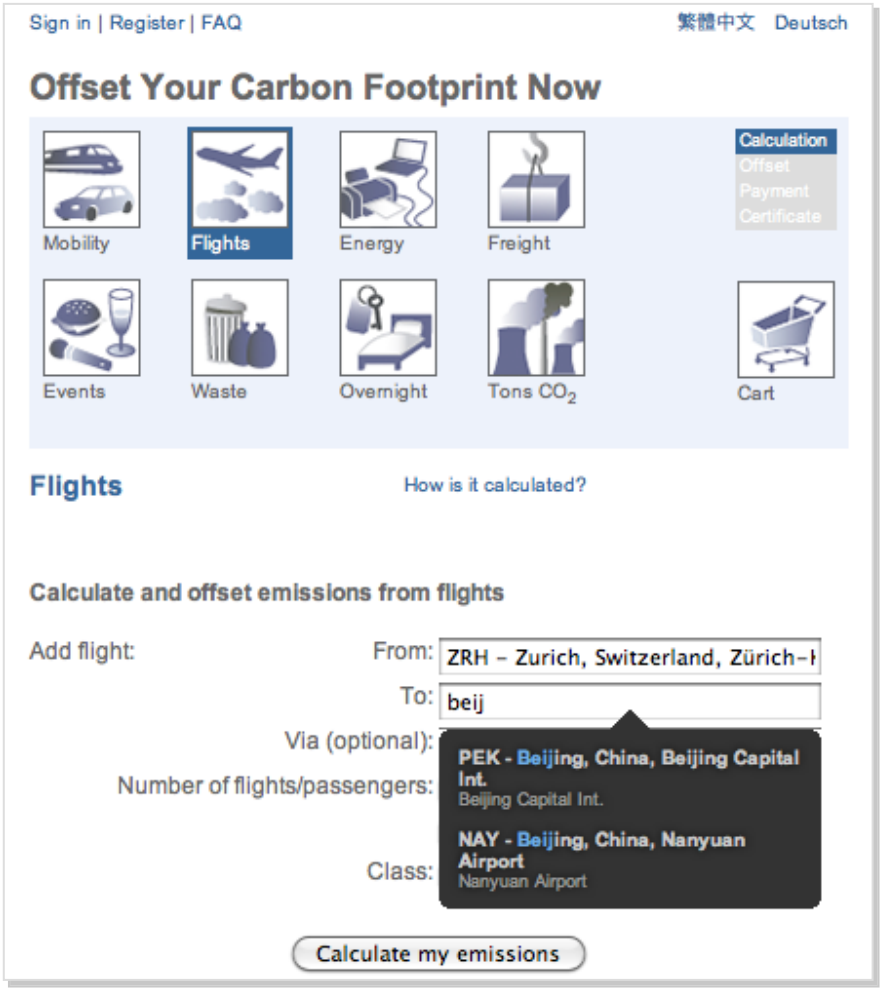
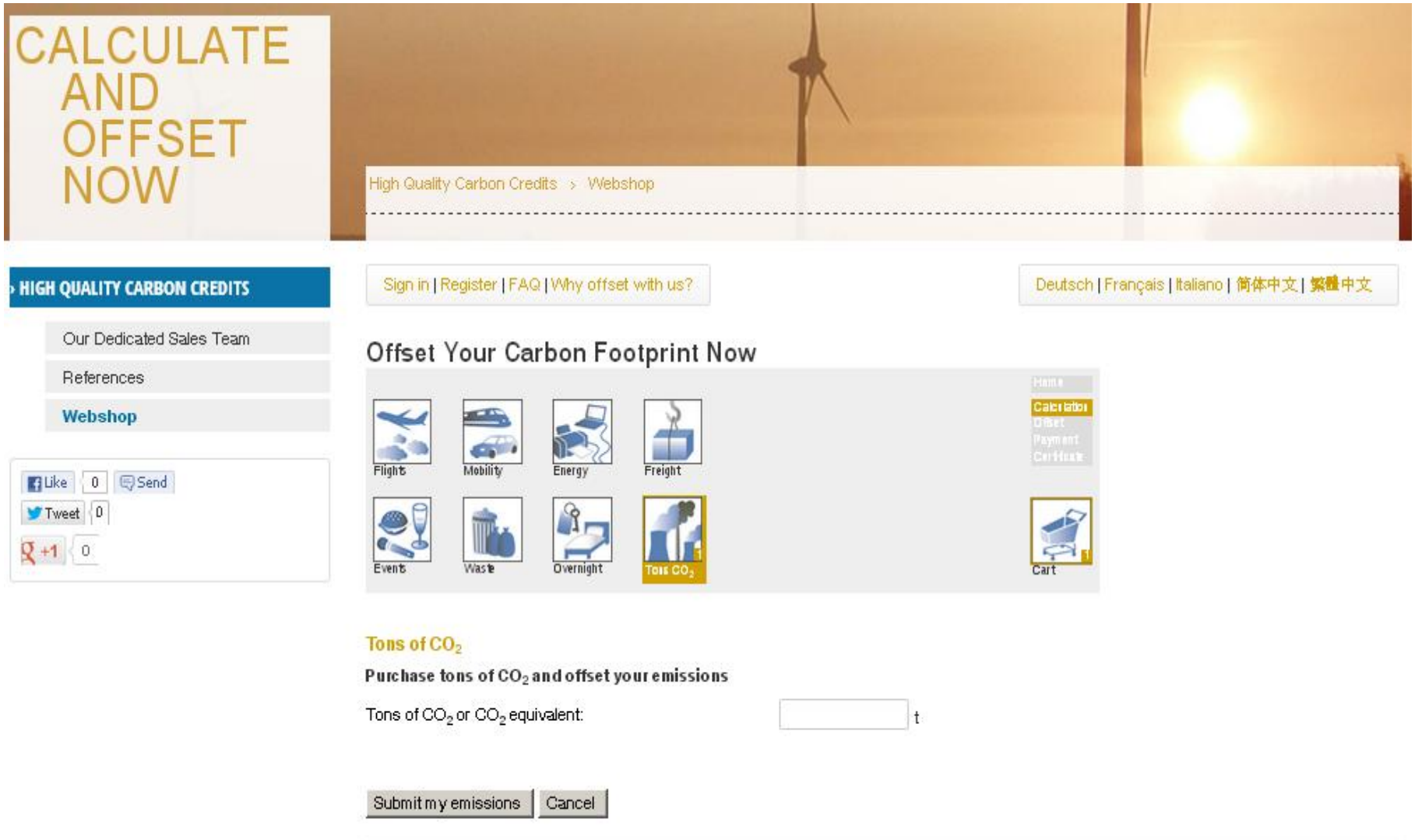
Offsetting

South Pole's Carbon Webshop

- Developed in-house to fully reflect our needs and requirements
- Footprint calculations based on widely shared assumptions from trustworthy sources (GHG Protocol, etc.)
- Transparent, actual projects with third-party verified, issued credits only
- New projects added on a regular basis to offer our clients the offsetting of their choice
- **No minimum sale**



Offsetting


CALCULATE AND OFFSET NOW
High Quality Carbon Credits > Webshop
HIGH QUALITY CARBON CREDITS
Our Dedicated Sales Team
References
Webshop
Like 0 Send
Tweet 0
+1 0
Sign in | Register | FAQ | Why offset with us?
Deutsch | Français | Italiano | 简体中文 | 繁體中文
Offset Your Carbon Footprint Now
Flights
Mobility
Energy
Freight
Events
Waste
Overnight
Tons CO2
Cart
Tons of CO2
Purchase tons of CO2 and offset your emissions
Tons of CO2 or CO2 equivalent:
t
Submit my emissions
Cancel

Offsetting

Offset Your Carbon Footprint Now

You can offset more emissions by selecting another category:

Flights | Mobility | Energy | Freight | Events | Waste | Overnight | Tons CO_2

Home | Calculation | Offset | Payment | Certificate

Cart 0.1

Category	CO_2 emissions from	Tons	
Tons of CO2	0.1 tCO_2e directly added	0.1	✗
	Total	**0.1**	

☐ **Commit to 2°C Path** What is this? Continue

Choose Your Emission Reduction Project Currency: EUR

CCB

Reforestation Project in Uganda This reforestation project brings a multitude of positive long term effects to climate, wildlife, and communities in the heart of East Africa

Find more information in our factsheet and video:
Your offsetting cost at 17.00 €/t with 0% VAT **1.70 €**

Cooking stoves in Honduras Distribution of efficient woodstoves

Find more information in our factsheet:
Your offsetting cost at 17.00 €/t with 0% VAT **1.70 €**

VCS

Wastewater Treatment in Thailand This project captures methane emissions from starch waste water and generates sustainable energy.

Find more information in our factsheet and video:
Your offsetting cost at 9.00 €/t with 0% VAT and 0.5 € processing fee for amounts under 1 € **1.40 €**

Continue

Offsetting

Offset Your Carbon Footprint Now

Personal Details

Please enter your personal details.

E-mail: *

Title: Select

First name: *

Last name: *

Company:

Address line 1: *

Address line 2:

Zip code: *

City: *

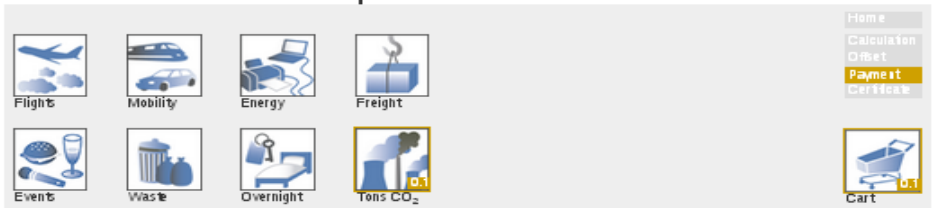
Country: Afghanistan *

Telephone:

Continue

Offsetting

Offset Your Carbon Footprint Now



Checkout

Your purchase will be finalized through the payment method of your choice. Once the purchase is successful, you will be returned to this website and receive a confirmation e-mail with the attached certificate. Please check the information and proceed:

- **0.1 Tons of CO_2e emitted, comprising:**
  0.1 tCO_2e directly added

Order details:

Total tons to be purchased:	0.1
Offset with credits from:	Reforestation Project in Uganda
Credits description:	CCBS CarbonFix Credits from a Reforestation Project in Uganda
E-mail:	avo @post.com click to change
Total amount to pay:	**1.70 EUR**

Options:

Name on the certificate:

- (•) Pat Sura
- ( ) Issue the certificate in another name:

[ ] I have reported annual emissions and would like that the certificate shows the years that I offset.

[x] I would like to receive a customized footprinting report (free).

Choose payment method:

(•) VISA MasterCard PayPal (recommended)

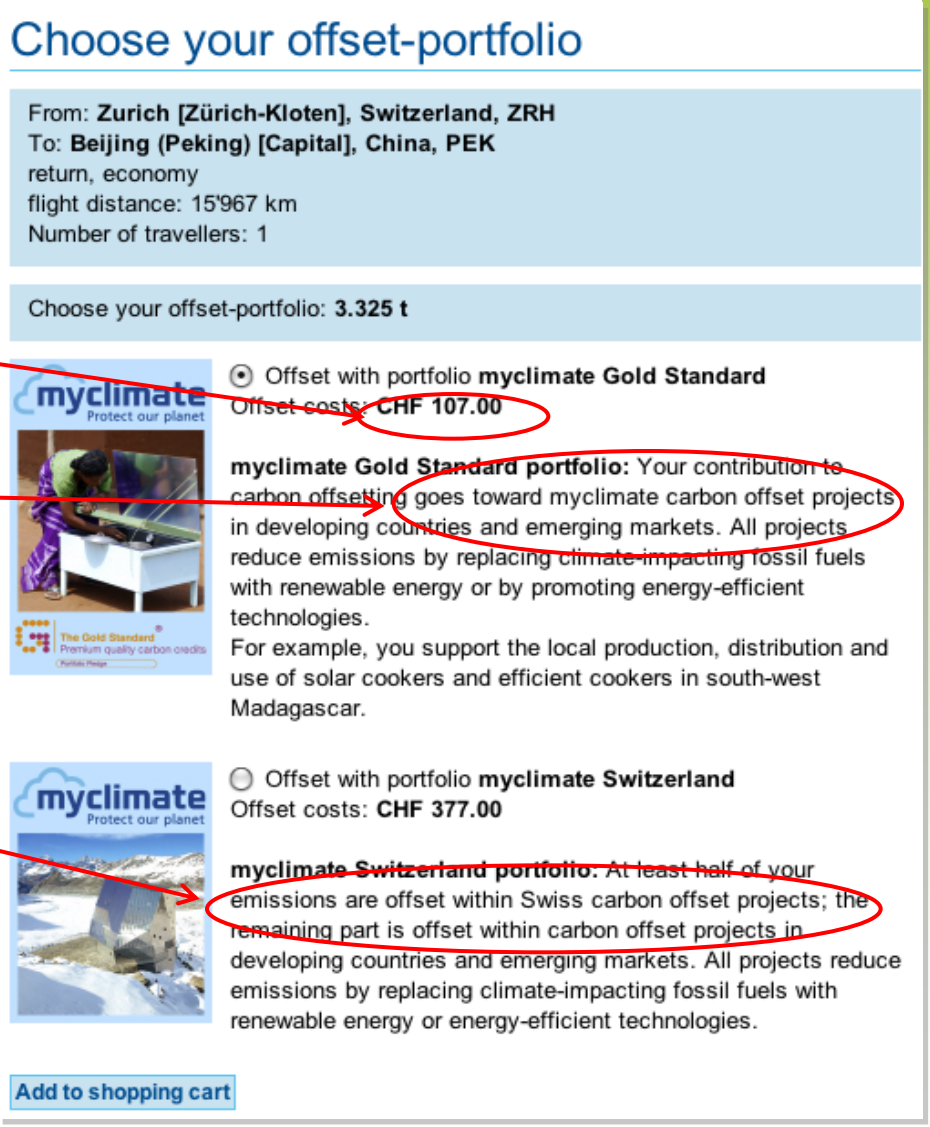
( ) VISA MasterCard POWERED BY wirecard

[ ] I have read and agree to the Terms and Conditions of purchase.

Proceed with payment

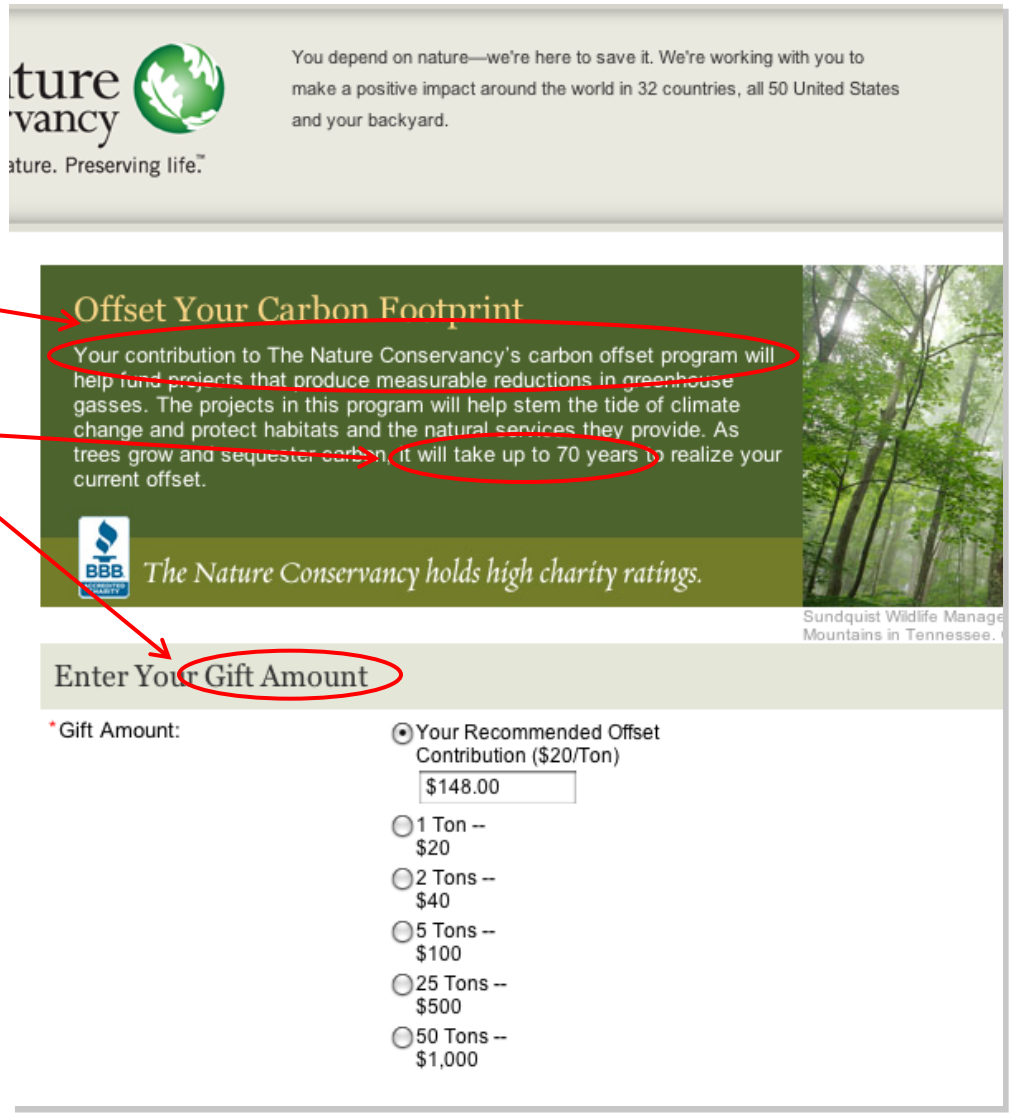
Offsetting

- 24€/tCO_2e: high cost per offset (instead of maximum emission reduction per investment)
- investment in future offsets (instead of verified, actual emission reductions)
- opaque portfolio (instead of actual projects to choose from)



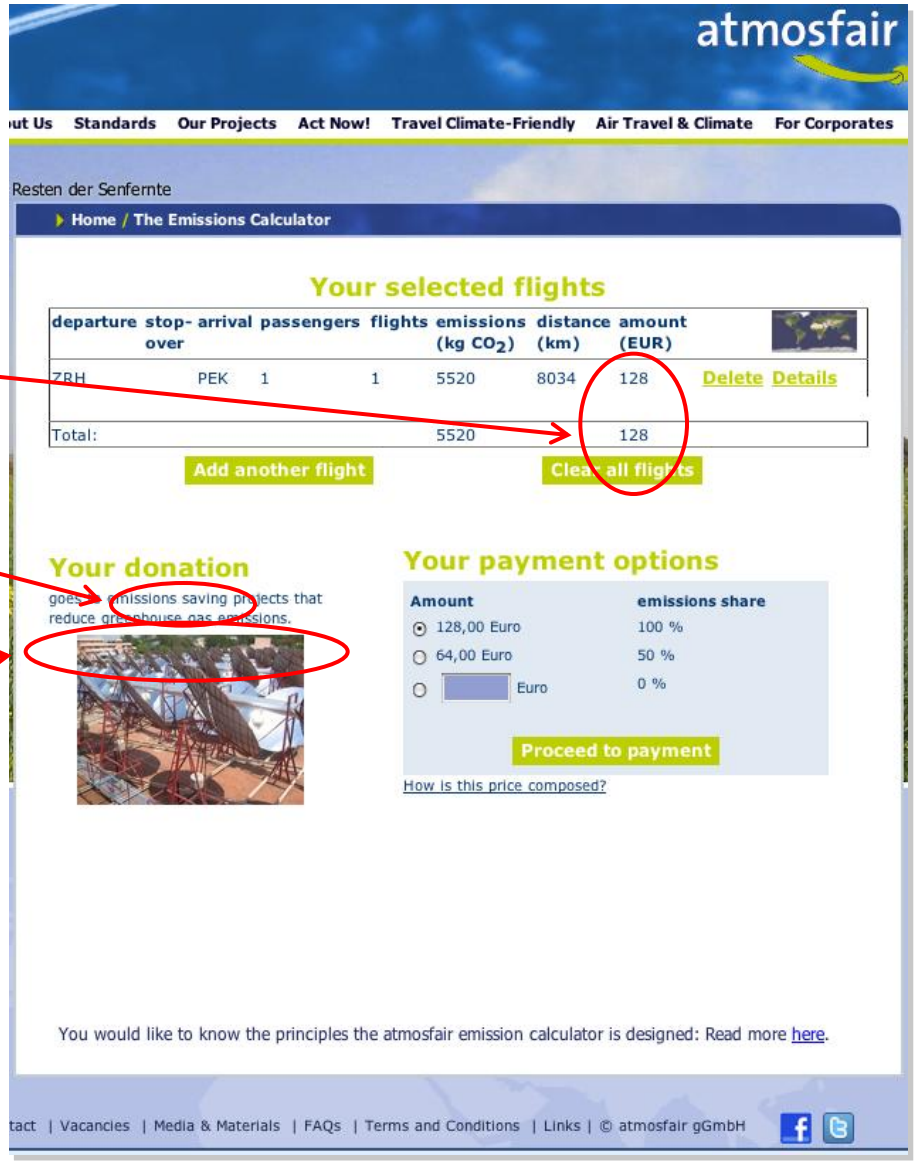
Offsetting

- opaque portfolio (instead of actual projects to choose from)
- investment in future offsets (instead of verified, actual emission reductions)
- 14€/tCO_2e: high cost per offset (instead of maximum emission reduction per investment)
- no project or standard information at all (instead of detailed project data)



Offsetting

- 43€/tCO_2e: high cost per offset (instead of maximum emission reduction per investment)
- investment in future offsets (instead of verified, actual emission reductions)
- opaque portfolio (instead of actual projects to choose from)
- no project or standard information at all (instead of detailed project data)



Offsetting

Carbon Footprinting Report for the Years 2009 to 2010

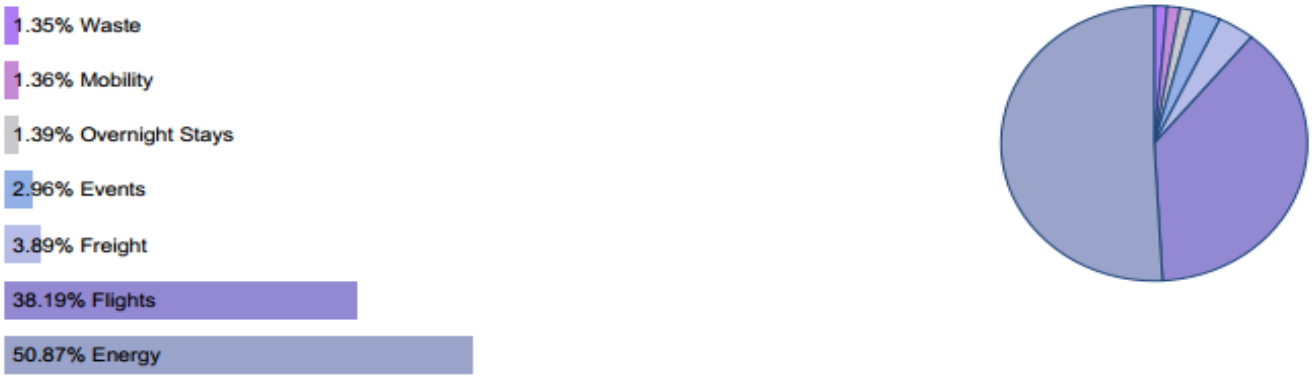
Client:

Jennifer Perkins
22 Freedom Rd.
W11 2BQ London
GB

Disclaimer:

This is an automated footprinting report. It is fully dependent on the accuracy of information provided by the client. For a detailed footprinting report of all of your activities, enterprises or products, please contact: footprinting@southpolecarbon.com

Emissions Reported by Category:



The majority of emissions, corresponding to 50.87% of the total reported emissions, are coming from the category "Energy".

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Project

Biomass to energy, Thailand

The Kangwal project reduces greenhouse gas emissions by generating climate neutral power that otherwise would have been generated by the burning of fossil fuel. It uses agricultural wase that before was of no use.

Biomass to Energy

Thailand

23'000

Biomass is replacing fossil fuel in a Thai polyester plant.

Location

This project is situated in a large polyester manufacturing plant in Phetchaburi region 120 km South-West of Bangkok. The local economy is dominated by agriculture, e.g. rice farming, fruit growing and palm sugar production.

Project

The project activity comprises the generation of thermal energy for a thermal oil heater in a polyester plant using agricultural biomass waste generated nearby the plant.

The biomass waste (i.e rice husk, wood chips, palm and coconut shells) which is abundantly available for the project activity would otherwise have been burned in the fields or left to decay, emitting CO_2, NOx and methane into the atmosphere.

Since all CO_2 emitted by the new power generators has been absorbed from the air by the plants beforehand this process is completely climate neutral.

Project

Wastewater Treatment

Methane from starch wastewater is captured and used for sustainable power generation.

Wastewater treatment, Thailand

This project is engaged with mitigating global warming and local air pollution at a Thai starch plant by capturing methane and generating sustainable energy and social benefits for local communities.

Location

The wastewater cycle was installed in a starch plant 200 km North-East of Bangkok, in a rural region with mostly agricultural background. The starch is produced from the region's main product cassava roots, grown by farmers from a radius of 30 km around the plant.

Project

Only a few years ago, the inhabitants of the surrounding villages could smell the open lagoons used for clearing the starch wastewater. Today, not only the local air and water quality has improved significantly, at the same time the starch plant managed to reduce its fossil fuel use by 80%. The now clean wastewater cycle even allows for fish farming in the water that is finally released from the new process. In addition, the project and the resulting carbon revenues generated jobs for locals and support social and educational activities in the community to enable sustainable development.

Technically, the project activity involves the installation of a closed anaerobic wastewater treatment facility (Upflow Anaerobic Sludge Blanket technology) at a starch manufacturing plant with a large output of waste water every day. Before the installation of the project the wastewater in the plant was treated through cascading open lagoons with a retention time of more than a year. The mix of the lagoon size, atmospheric and water temperature, resulted in an anaerobic environment in the ponds. These conditions led to methane generation from the organic content of the wastewater which was steadily released into the atmosphere. Methane is a greenhouse gas 21 times stronger than CO_2.

Now, the captured methane can be used for clean energy production in a burner on the plant site, replacing fossil fuel for heat generation to dry the starch. Thus, the emission reduction project has a double effect, keeping methane from heating up our climate and at the same time avoiding the burning of thousands of tons of fossil fuel per year.

Project

Wastewater Treatment

Thailand

VCS VERIFIED CARBON STANDARD

20'000

Methane from an oil mill's wastewater is captured and used for sustainable power generation.

Wastewater treatment, Thailand

This project is involved in mitigating global warming and local air pollution at a Thai oil mill by capturing methane, generating sustainable energy and creating social benefits for local communities.

Location

A wastewater cycle was installed in an oil mill in southern Thailand, in a rural, agricultural region. Oil is produced from palm fruits that are grown by predominantly small-scale local farmers.

Project

Just a few years ago, the inhabitants of the villages surrounding the mill could smell the open lagoons used in clearing the oil mill's wastewater. Today, not only has the local air and water quality improved significantly, but the mill has also reduced its greenhouse gas emissions by about 25,000 tCO_2e p.a. In addition, the project and the resulting carbon revenues have generated jobs for locals and support social and educational activities in the community, enabling sustainable development.

Technically, the project activity involved the installation of a Complete Stirred Tank Reactor (CSTR), a biogas reactor technology. Before the installation of the project, the wastewater in the mill was treated through eight cascading open lagoons, with a retention time of more than one year. The combination of the lagoons' size, atmospheric and water temperatures resulted in an anaerobic environment in the ponds. These conditions led to methane generation from the organic content of the wastewater, which was then steadily released into the atmosphere. Methane is a greenhouse gas 21 times more harmful than CO_2.

Today the captured methane can be used for clean energy production in two gas engines which generate electricity to be supplied to the national grid. This emission reduction project has a double effect: keeping methane from heating up our climate and at the same time avoiding the burning of thousands of tons of fossil fuel per year. The project has a total electrical generation capacity of 2.5 MW.

The project owner aims to recycle the treated water in cleaning the raw palm fruit.

Project

Wastewater treatment, Thailand

By capturing methane from wastewater produced at a Thai palm oil mill, this project mitigates global warming. In addition, the project reduces local air pollution, generates sustainable energy and provides socio-economic benefits to local communities.

Location

The wastewater treatment project is situated about 800 km south of Bangkok in Trang Province, at the western shore of the Malay Peninsula. The region, situated between the Khao Luang mountains and the Andaman Sea, is dominated by agriculture production (mostly rubber plantations).

Project

Prior to the implementation of the project, locals were subjected to a foul smell coming from the open lagoons used to clear the palm oil mill's wastewater. Today, because of the project, the local air and water quality have improved significantly. In addition, the mill has reduced its use of fossil fuel. Guided by a sustainable development model, the project has generated jobs for locals and supported social and educational activities in the community.

The project activity involves the installation of an upflow anaerobic sludge blanket (UASB) technology at an oil mill with a large output of wastewater. Before the installation of the project, the wastewater in the plant was treated through seven cascading open lagoons with a retention time of more than a year. The mix of the lagoon size and atmospheric and water temperature resulted in an anaerobic environment in the ponds. These conditions led to methane (a greenhouse gas 21 times stronger than CO2) generation from the organic content of the wastewater which was steadily released to the atmosphere.

Now the captured methane is used to fuel a 1MW burner on the plant site, replacing fossil-fuel grid power with clean energy. Thus, the emission reduction project keeps methane from heating up our climate and avoids the burning of thousands of tonnes of fossil fuel per year.

Project

Biomass co-firing, Thailand

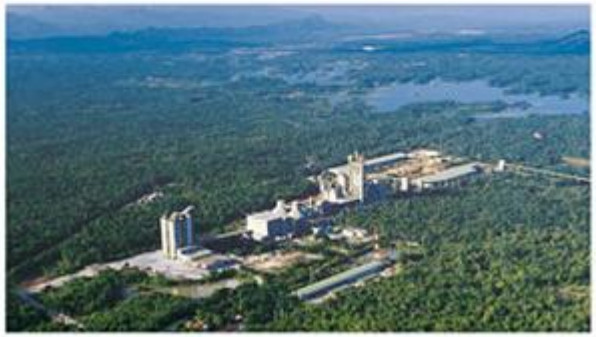
This bundled project is a combination of five greenhouse gas reduction projects located in five different cement manufacturing units. Partial replacement of fossil fuels by less carbon intensive fuels during the energy intensive cement manufacture process mitigate global warming and benefit local communities.

Biomass to Energy

Thailand

700'000

Biomass is replacing fossil fuels in five different cement plants all over the country.



Locations

Of the five sites, three are located in Saraburi province: Kaeng Khoi District, Ban Kor District and Phaputtabat District, approximately 120 km north of Bangkok. One project site is situated in Lampang province, approximately 600 km north of Bangkok. The remaining project site is located in Nakon Si Thammarat province, approximately 835 km to the south of Bangkok.

Project

In the rural regions of Thailand, access to medical treatment is no matter of course, even with the public health system being modernized. In the province of Saraburi, cement manufacturer Siam Cement is only providing free medical service not only to their employees but also to surrounding communities. Their mobile medical unit stops by once per month to give free examination and treatment, from eye problems to x-ray.

Awareness of environmental topics, the will to address climate change, and social consciousness for surrounding communities characterize the project owner. Thailand's growing economy has a huge potential for the implementation of climate friendly technologies such as biomass utilization, e.g. large amounts of carbon can be saved by partly switching fuel use from fossil to renewable in existing cement plants.

With the project activity, carbon intensive fuels such as coal and heavy oil are replaced by wood, rice husk and other agricultural wastes from the region. In order to implement this carbon mitigation project, a complete system for the collection, storage and feeding for the alternative fuels has been introduced. The collection of biomass is done from nearby areas depending on the type of available biomass and crop patterns in the specific region. Before the implementation of the project activity, the biomass was considered waste and rice husk burnt in open fields – still a common practice in developing countries. Other agricultural wastes were left in the fields to decay aerobically. Now, the former waste is given value and brings additional income to rural communities.

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Contact

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Website: www.southpolecarbon.com

and join…

A big network of client

South Pole Carbon – in the service of climate protection

- 2006: Foundation as spinoff
- 2012: Present on all continents
- 2011 & 2012: Best Project Developer of CO_2-projects **
- Awarded "Swiss Social Entrepreneur of the Year" 2011***
- 90 CO_2 experts from 22 countries
- Projects in over 20 countries
- Largest portfolio of high quality "Gold Standard" certificates

*Majority stake in *Climate Friendly* ** *Environmental Finance's* Voluntary Carbon Market Survey 2011 and 2012; *** Schwab Foundation/WEF

‘Premium Service with Reasonable Cost’.....select *South Pole*