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## Carbon Offsetting Proposal for Sandbar AP Ltd t/a Urban Bar

Dear Mandy,

Following on from your carbon footprint assessment of your products, I am delighted to present our proposal to provide you with high quality carbon offsetting solutions.

To date you have offset 808 tonnes of CO<sub>2</sub>e by supporting our Brazil REDD project as well as Sudan Cookstoves and China Solar Cookers. This is a really great achievement that I'm sure your customers and stakeholders will have noticed.

### Carbon Offsetting Service



Measure



Aim



Reduce



Offset



Communicate



Comply

Offsetting your carbon footprint is one of six steps on your carbon management journey.

Within the following pages of this proposal, I have provided you with a range of high-quality carbon offset projects for you to choose from. As well as offsetting your emissions these particular projects bring additional benefits for the local communities where they are based.

Various options for offsetting have been provided with prices from **£5.00 - £10.50 per tonne to offset your products' footprint of 249 tCO<sub>2</sub>e.**

In addition to coordinating the appropriate offsetting, Carbon Footprint Ltd will also provide a certificate and a 24-month licence to use the 'Carbon Footprint Standard – Carbon Neutral branding' for all the assessed products.



## Optional Services

We are excited to announce the launch of a new opportunity, for you to get involved and sponsor the **Freedom Flight Prize**. The prize is for the **first transatlantic passenger flight powered by 100% renewable energy**. The Freedom Flight Prize aims to accelerate the development of truly sustainable aviation. By sponsoring the prize you will qualify to use the Freedom Flight Prize sponsor logo.

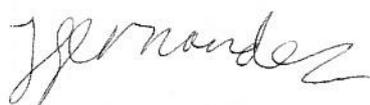


## Next Steps

I trust this proposal meets your requirements and provides excellent value for money in helping you to fulfil your business goals.

Please call me if you would like to discuss this proposal. Alternatively, to get started, please sign the confirmation form on the final page and return it to me. As soon as I receive your form, we will get your work underway.

Yours sincerely,



Joel Fernandez, MEng (Hons)  
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# 1 Carbon Offsetting

## 1.1 Why offset your emissions?

There are many reasons why increasing numbers of businesses and organisations are choosing to offset their emissions. The most common ones are listed below:

- Supporting projects that provide the solution to climate change (e.g. helping decarbonise electricity grids, improving energy efficiency, reducing deforestation and reforestation)
- To become part of the solution to climate change
- Helping reduce global CO<sub>2</sub>e emissions
- Helping enhance developing countries – economic, social & communities
- Meeting Corporate and Social Responsibility (CSR) targets
- Giving back to local communities where business is being done/products are sourced
- Fostering local community relations
- Helping to build brand reputation
- Delivering PR advantages
- Engaging staff and enthusing internal teams
- Helping to win in competitive tender situations
- Differentiating themselves from competitors
- Balancing out unavoidable emissions and becoming Net Zero Carbon / Carbon Neutral





## 1.2 Carbon offsetting options

Your own individual reasons for offsetting are likely to influence which project you will want to support. There are a number of options you can select from to offset your emissions. The table below shows a selection of projects that are currently available to meet your requirements.

### Recommended High Quality Carbon Offset Projects

#### UK Tree Planting + Protecting the Amazon

**Type:** Tree Planting and Reducing Deforestation (REDD+)

**Country:** UK + Brazilian Amazon

**Reference:** CFP1



This project provides an opportunity to plant trees in the UK whilst also helping to protect the Amazon Rainforest – the largest remaining rainforest in the world. The Amazon is known for its amazing biodiversity; containing 10% of all species, including many endangered species.

For each tCO<sub>2e</sub> offset, one tree is planted in the UK in the region of your choice and an additional tCO<sub>2e</sub> is offset through the Brazilian Amazon Verified Carbon Standard (VCS) Reduced Emissions from Deforestation and Degradation (REDD) project to guarantee the emission reductions.

In the UK, the trees are typically planted across school grounds, parks, farms, woodlands and other biodiversity sites, providing wildlife habitats and often bringing educational and community benefits.



**More information online:** <http://www.carbonfootprint.com/plantingtrees.html>  
<http://www.carbonfootprint.com/vcstreebuddy.html>

## Recommended High Quality Carbon Offset Projects

### Kenya Tree Planting + Protecting the Amazon

**Type:** Reforestation and Reducing Deforestation (REDD+)

**Country:** Kenya + Brazilian Amazon

**Reference:** CFP2



This project provides an opportunity to plant trees in Kenya as well as helping to protect the Amazon Rainforest – the largest remaining rainforest in the world. The Amazon is known for its amazing biodiversity; containing 10% of all species, including many endangered species.

For each tCO<sub>2</sub> being offset, one native tree is planted in the Great Rift Valley, Kenya and an additional tCO<sub>2</sub> is offset through the Brazilian Amazon Verified Carbon Standard (VCS) Reduced Emissions from Deforestation and Degradation (REDD) project to guarantee the emission reductions.

Over the last ten years, the project in Kenya has planted over 200,000 trees and rehabilitated over 160 hectares of the forest helping in restoring the water catchment ecosystem function of the forest. While doing this, over 20 community members who directly work in the forest make their livelihoods from the project. Many more from their families benefit from being dependent on them. The project includes an empowerment scheme, where the members are now owners of dairy cows from which they get additional income from the sale of milk to their villagers.

The project is strongly focused on empowering women, who make up over 50% of the project team.



**More information online:** <http://www.carbonfootprint.com/plantingtreesinkenya.html>  
<http://www.carbonfootprint.com/vcstreebuddy.html>

## Recommended High Quality Carbon Offset Projects

### African Biomass Energy Conservation PoA Malawi Biomass Conservation

**Country:** Malawi

**Type:** Efficient Household Cookstoves

**Reference:** GS 2446



The project aims to disseminate over 8,000 improved energy efficient cookstoves to homes in Malawi. Malawi is classed by the United Nations as a Least Developed Country (LDC). The economy is heavily based on agriculture, and it has a largely rural and rapidly growing population.

The project promotes improved kitchen and firewood management practices e.g. use of less firewood, use of dry firewood, using a pot lid while cooking and soaking legumes before cooking to households in the Northern, Central and Southern Districts of Malawi. The improved technology and practices are intended to replace less efficient technologies and practices and result in biomass conservation and a reduction of greenhouse gas emissions into the atmosphere from the burning of solid biomass.

Ancillary benefits include reduced smoke during cooking, which reduces exposure to health damaging pollutants and reduced time and effort procuring wood fuel. The stoves are attractive to end-users and can result in quicker cooking times. The stoves are locally made using local materials wherever possible, resulting in local income generation and the acquisition of new skills for local people.

The project will result in approximately 10,000 tCO<sub>2</sub>e emissions being saved per year.



More information online: [https://www.carbonfootprint.com/gs\\_ver\\_malawi\\_cookstove\\_carbon\\_offset.html](https://www.carbonfootprint.com/gs_ver_malawi_cookstove_carbon_offset.html)

## Recommended High Quality Carbon Offset Projects

### Rimba Raya Biodiversity Reserve Project

**Type:** Reducing Emissions from Deforestation and Degradation (REDD+)

**Country:** Borneo, Indonesia

**Reference:** VCS 674



Each year in Indonesia alone, destruction of forests in the interests of pulp & paper and palm oil production lay bare a landmass the size of Belgium. According to the Forest Trends Association, it's estimated that if the current pace of deforestation continues unabated, by the year 2022 there simply won't be any Indonesian forests left.

But on the southern coast of Borneo, in the province of Central Kalimantan, one massive ancient forest stands defiant: Rimba Raya, "The Infinite Forest." Once designated for destruction and conversion into a palm oil plantation, Rimba Raya is now dedicated to the protection and preservation of hundreds of at-risk species—most notably, the endangered Bornean Orangutan whose population has declined over 95% in the last century.

Rimba Raya is a living example of an economically viable alternative to deforestation. By selling carbon credits based on the rich carbon stores of the forest, we can protect endangered species, contribute to the local economy by creating jobs, provide access to clean water and health services while fostering principles of sustainable growth amongst our local communities.



**More information online:** [https://www.carbonfootprint.com/rimba\\_raya\\_redd.html](https://www.carbonfootprint.com/rimba_raya_redd.html)

## Recommended High Quality Carbon Offset Projects

### Heqing Solar Cooker Project

**Country:** China

**Type:** Household Solar Cooker

**Reference:** VCS 1859 & 1860



The Heqing Solar Cooker Project is located on the rural area of Zhangye, Gansu province in northwestern China. The project has installed 49,000 solar cookers for the rural residents.

Coal is overwhelmingly the main energy source for rural residents in this region of China. The proposed project will enable the rural residents to efficiently substitute solar energy for the fossil fuel (coal) used in daily cooking and water boiling, avoiding CO<sub>2</sub> emission that would be generated by fossil fuel consumption. It is estimated that 143,762 tCO<sub>2</sub>e emission reductions will be produced annually.

The rural area in Zhangye is an underdeveloped region and an ideal region for utilizing solar energy. Located at high altitude, this region has many sunny days. It is one of the most suitable regions in China for utilizing solar energy.

The proposed project will significantly contribute to sustainable development of this region. It will serve as a model for future project. It will promote the use of clean energy, educate and train the rural population on solar energy technology, and build awareness in environmental protection among the rural population. 49,000 low-income households / about 196,000 villagers (average household has 4-5 people) directly benefit from the project. The rural residents will get clean and reliable energy supply for their daily cooking.



More information online: [https://www.carbonfootprint.com/vcs\\_china\\_solar\\_cooker.html](https://www.carbonfootprint.com/vcs_china_solar_cooker.html)

## Recommended High Quality Carbon Offset Projects

### Gunung Salak Geothermal Energy Project

**Country:** Indonesia

**Type:** Geothermal Power

**Reference:** VCS 144



Geothermal power plants use steam produced from reservoirs of hot water found a couple of miles or more below the Earth's surface, instead of having to use fossil fuels. The steam rotates a turbine that activates a generator, which produces electricity. It is a natural and sustainable source of energy.

There are over 150 active volcanoes in Indonesia, giving the nation a huge potential for geothermal energy production. Located within the Halimun-Salak National Park, the Gunung Salak project harnesses heat from deep within the Earth to generate clean geothermal power. The project involves an capacity upgrade of three turbines at an existing geothermal power plant from 55MW to 60 MW. This additional 15 MW allows the plant to generate more energy from the same source of thermal steam.

**The project creates social benefits in addition to the emissions reductions. The projects supports regional educational programmes, running activities such as book donations at local schools. The project also improves employment opportunities.**



**More information online:** [https://www.carbonfootprint.com/vcs\\_gunung\\_salak\\_geothermal.html](https://www.carbonfootprint.com/vcs_gunung_salak_geothermal.html)

## Recommended High Quality Carbon Offset Projects

### Vp Biosupply Wastewater Treatment and Biogas Utilization Project

**Country:** Thailand  
**Type:** Biogas  
**Reference:** VCS 415



This project captures methane at a Thai starch plant using two closed anaerobic wastewater treatment facilities and converts the gas into energy, partially replacing the need for fossil fuel consumption. The project has a twofold effect: it prevents methane from harming the climate and avoids thousands of tonnes of fossil fuel being burnt per year.

Just a few years ago, the starch plant treated its wastewater through cascading open lagoons with a retention time of more than a year. The combination of atmospheric and water temperature led to methane generation from the organic content in the wastewater. The methane was then released into the atmosphere, emitting greenhouse gases that are 20 times more powerful than CO<sub>2</sub>.

With this project, not only has the local air and water quality improved, the starch plant has also reduced its fossil fuel consumption significantly. In addition, the project and revenues from carbon credits have generated jobs for locals and supported social and educational activities in the community.



## Recommended High Quality Carbon Offset Projects

### Solar Power Project in India

**Country:** India

**Type:** Renewable Energy – Solar Power

**Reference:** VCS 1580



Co-ordinated by the ACME Group and based in India, this bundled project supports the installation of grid-connected renewable energy sources (namely solar PV cells), supplying energy into the Indian National Grid. The implementation of grouped project activity ensures energy security, diversification of the grid generation mix and sustainable growth of the electricity generation sector in India. In addition to providing sustainable employment (reducing poverty) the project also provides improved healthcare, sanitation and educational benefit to the communities in which the projects are based.



**More information online:** [https://www.carbonfootprint.com/vcs\\_india\\_solar\\_acme.html](https://www.carbonfootprint.com/vcs_india_solar_acme.html)

## Recommended High Quality Carbon Offset Projects

### VEER (NLBC) Small Hydro Power Project

**Country:** India

**Type:** Small Hydro Power

**Reference:** VCS 1241



This project is a small 4.8 MW hydro power project located at Village Veer, Taluka Purandar, and District Pune, Maharashtra, across the river Nira which is right bank tributary of river Bhima in Krishna basin. The water stored by the irrigation project is let down into the two canals on both the flanks of river namely Nira Right Bank Canal (NRBC) and Nira Left Bank Canal (NLBC) through separate canal irrigation outlets for irrigation as well as for drinking purpose.

The project generates renewable electricity (Hydro power) and exports it to NEWNE (Northern, Eastern, Western and North-Eastern) grid of India. Hence, it reduces the dependency on fossil fuels which are pre-dominantly used for electricity generation in India and helps reduce greenhouse gas emissions.

Prior to the project being implemented, the Veer Dam was utilized for irrigational purposes in the adjoining areas. The project is implemented in the existing reservoir with no change in the volume of the reservoir.

The project is expected to supply around 11.06 million kWh of energy resulting in an average emission reduction of 10,832 tCO<sub>2</sub>e per year of operation.



**Abbreviations:**

VCS – Verified Carbon Standard

GS VER – Gold Standard Verified Emission Reduction

You are also welcome to select a combination of projects, if you would like to be able to show you are supporting a variety of programmes in your marketing materials.

## 2 Optional Services

### 2.1 Opportunity to Sponsor the Freedom Flight Prize

#### Freedom Flight Prize – 1<sup>st</sup> Renewable Flight Across the Atlantic

##### Supporting Freedom Flight Prize

**Type:** Freedom Flight Prize Sponsorship

**Country:** Global

**Reference:** FFP1



**The Freedom Flight Prize will be awarded for the first zero carbon emission plane capable of carrying 100+ passengers across the Atlantic**

This is a ground-breaking initiative that is now open for sponsorship from companies and philanthropists. The aim is to generate a multimillion pound prize fund to motivate and accelerate the development of truly sustainable aviation.

By supporting the prize fund you will qualify you to use the “Freedom Flight Prize Sponsor” logo. **Gold and Platinum Sponsorship packages are available** for those that would like to make a more significant contribution to the programme (for more details on sponsorship opportunities see <https://www.freedomflightprize.org/sponsors>).

Benefits – encourages and accelerates the development of truly zero carbon emission flying for all. Marks your company out as supporting innovation, leading to positive PR and marketing opportunities.



More information online: <https://www.freedomflightprize.org/>

### 3 Deliverables & Schedule

The following table shows the deliverables and schedule for this assignment:

Deliverable	Schedule
Marketing pack: project description, project images, offsetting certificate	Following contract signature
<b>OPTIONAL SERVICES</b>	
Freedom Flight Prize Sponsorship Logo & option to add your logo to the Freedom Flight Prize sponsors web page: <a href="#">Sponsors   Freedom Flight Prize</a>	Following contract signature

#### 3.1 Additional Marketing Support

To help companies maximise the PR & marketing potential from offsetting, Carbon Footprint Ltd offer support, by way of providing:

- Detailed offset project information including photographs for your marketing materials
- A certificate that can be shown to your customers and other stakeholders (in pdf format)
- 12 months licence to use the ‘Carbon Footprint Standard – Carbon Neutral’ branding



## 4 Why Select Carbon Footprint Ltd?

Carbon Footprint is the first choice for hundreds of organisations. These range from SMEs to multinational blue-chip corporations. Like you their goals are to cut the cost of carbon in their business and maximise sales by developing true sustainable credentials. This also helps prepare for future legislation.

- We believe in carbon reduction 'at source' as the 'gold standard' for climate change mitigation.
- We are also passionate about supporting decarbonisation globally as rapidly as possible, that is why we are a leading carbon offset solutions provider.
- We serve businesses and organisations from the largest corporates to more modestly sized SMEs.
- We are the founders of the **Freedom Flight Prize** (<https://www.freedomflightprize.org/>) – the ground-breaking programme for the first carbon-free flight across the Atlantic in a regular 100+ seater passenger plane.
- We are founding members of the Quality Assurance Standard (QAS) for Carbon Offsetting (see <https://qasaudit.com/> for details).
- We are the UK Government's chosen provider for offsetting their travel emissions.
- Many leading brands select us to offset their emissions including DHL, Macmillan Publishers, Wates Construction, Radisson Blu Hotels etc.
- We have worked with many similar companies within your market sector to help them successfully monitor, manage and offset their emissions.
- We are an award-winning UK based family owned business, with a team of dedicated climate scientists, engineers and environmental consultants providing high levels of customer service and flexibility.
- We bring our core values of sustainability, innovation, flexibility and teamwork to all our projects.
- We are ISO 14001:2015 and ISO 9001:2015 certified.
- We run the Carbon Academy (for peer group learning).

### About us

Check out our short 5-minute video detailing our **wide range of services** that we provide here at Carbon Footprint Ltd.

For more details on any of these services please get in touch with your Carbon Footprint contact.

<https://www.carbonfootprint.com/aboutus.html>



## 5 Price and Commercial Terms

### 5.1 Price and Payment Plan

#### 5.1.1 Carbon Offset Project Prices

The following table shows prices based on offsetting **249 tCO<sub>2</sub>e**.

Project	Type	Location	Price / tCO <sub>2</sub> e (£ ex VAT)
<b>UK Trees + Protecting the Amazon</b>	Tree Planting	UK + Brazil	10.50
<b>Kenya Trees + Protecting the Amazon</b>	Tree Planting	Kenya + Brazil	9.50
<b>African Biomass Cookstoves</b>	Household Cookstoves	Malawi	8.00
<b>Rimba Raya Biodiversity Reserve Project</b>	Reduced Deforestation	Indonesia	7.00
<b>Heqing Solar Cooker Project</b>	Household Solar Cooker	China	6.40
<b>Gunung Salak Geothermal Energy Project</b>	Geothermal Power	Indonesia	5.85
<b>Solar Power Project</b>	Solar Power	India	5.25
<b>Vp Biosupply Wastewater Treatment</b>	Wastewater Treatment and Biogas	Thailand	5.25
<b>VEER (NLBC) Small Hydro Power Project</b>	Hydro Power	India	5.00

Note: Payment for carbon offsetting is due on contract signature.

#### 5.1.2 Freedom Flight Prize Sponsorship

Various Corporate Sponsorship packages for the Freedom Flight Prize are available for you. You can get involved at any level – just add your sponsorship donation to your carbon offsetting.

If you would like to be involved in a more significant way the please visit the Freedom Flight Prize website for more information on the Gold and Platinum packages:

<https://www.freedomflightprize.org/sponsors> .

### 5.2 Validity

Unless otherwise stated, these prices are valid for 30 days from the date of this proposal letter.

***Note: that due to the turnover in our stock of carbon credits, it is not possible to guarantee the availability of specific credits over this 30 day validity period. If, however, your chosen project or projects are not available then we will endeavour to find a suitable alternative.***

### 5.3 Terms and Conditions

This proposal is subject to Carbon Footprint Ltd's standard terms and conditions, which can be found at <http://www.carbonfootprint.com/tsandcs.html>.

## 6 Your Carbon Footprint Journey

Managing your carbon footprint has become essential. It is important that your carbon footprint measurement is appropriate in scope and progressive as your organisation moves from taking its first steps to becoming a leader and exemplar in your markets.

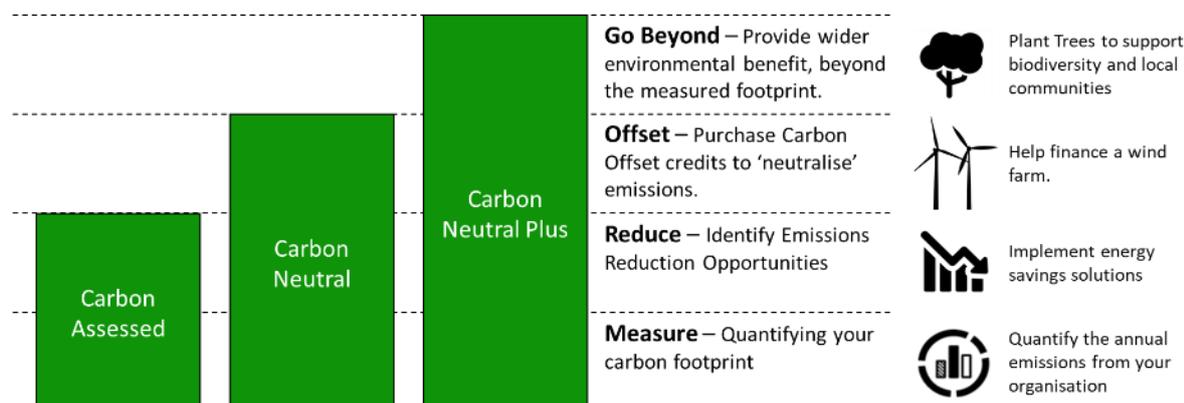
The best start you can make in your Carbon Footprint Journey is with what is near to you and what is easy to control. Over time, you can **progress your carbon footprinting to increase the scope** and encompass your products, supply chain and the carbon emissions of your employees.



### 6.1 From Novice to Exemplar

**To become an exemplar in your market, you can rely on our internationally recognised certifications.** On top of the environmental and CSR benefits, being able to communicate the great work you are doing in an easily understandable way will provide a large number of PR and Marketing benefits that will **help you stand out** in a competitive market.

Through our internationally recognised **Carbon Footprint Standard**, we can **certify your business, product, service**, etc. Carbon Assessed, Carbon Neutral, or Carbon Neutral Plus to the highest standards.



## Carbon Footprint Project Confirmation

**Customer:** Sandbar AP Ltd t/a Urban Bar

**Contact:** Mandy Specht

To carry out **Carbon Offsetting using the projects selected in the table below** and the optional services selected below, as detailed in the proposal referenced 1021/JF/10751598.

### Project Selection and Costs

Project	Type	Location	Price / tCO <sub>2</sub> e (£exVAT)	Enter Quantity Required (tCO <sub>2</sub> e)	Total Price (Price/tCO <sub>2</sub> e x Quantity)
<b>UK Trees + Protecting the Amazon</b>	Tree Planting	UK + Brazil	10.50		
<b>Kenya Trees + Protecting the Amazon</b>	Tree Planting	Kenya + Brazil	9.50		
<b>African Biomass Cookstoves</b>	Household Cookstoves	Malawi	8.00		
<b>Rimba Raya Biodiversity Reserve Project</b>	Reduced Deforestation	Indonesia	7.00		
<b>Heqing Solar Cooker Project</b>	Household Solar Cooker	China	6.40		
<b>Gunung Salak Geothermal Energy Project</b>	Geothermal Power	Indonesia	5.85		
<b>Solar Power Project</b>	Solar Power	India	5.25		
<b>Vp Biosupply Wastewater Treatment</b>	Wastewater and Biogas	Thailand	5.25		
<b>VEER (NLBC) Small Hydro Power Project</b>	Hydro Power	India	5.00		
<b>TOTAL COST</b>					[      ]

5% of your offsetting costs will be donated to the Freedom Flight Prize.

Would you like us to provide you with the sponsors logo:

Yes / No

Would you like your logo to go on the Freedom Flight Prize website:

Yes / No

Optional Services	Tick the service you want	Price (£ ex VAT)	Payment due on contract signature	Other payments due
Additional sponsorship donation to the Freedom Flight Prize	<input type="checkbox"/>	£ _____	100%	n/a

Note: All prices shown are exclusive of VAT

## Payment Terms

Client will be invoiced according to the payment schedule in the proposal. Payments to be received by Carbon Footprint Ltd within 30 days of receipt of invoice; please refer to Carbon Footprint's Terms & Conditions (<http://www.carbonfootprint.com/tsandcs.html>).

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## Confirmation

I authorise Carbon Footprint Ltd to carry out the assignment(s) for the cost stated above.

Signed: ..... Date: .....

Print name: ..... Position: .....

**E-mail with electronic signature to: [joel.fernandez@carbonfootprint.com](mailto:joel.fernandez@carbonfootprint.com)**