

# Proposal for Carbon Emissions Program

## University of Colorado, Boulder

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Boulder, CO 80309-0207  
Attn: David Newport



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**Proposal Contact:**  
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Dear Mr. Newport,

We are pleased to provide this proposal to the University of Colorado, Boulder, as the premium provider of high-quality carbon offsets, renewable energy credits (RECs) and impact investment services. NativeEnergy has partnered with the University of Colorado, Boulder on its carbon strategy since 2012 and proposes to provide the University with additional carbon offsets for 2021, as well as evaluate the development of a custom carbon reduction project for CU Boulder. A custom carbon reduction project would deliver the emission reductions and positive impacts CU Boulder seeks to create in its surrounding communities. Through our **advise, catalyze** and **build** process, we will work with you to create a vision, a project strategy and execute that strategy through project development.

Working with NativeEnergy, the University of Colorado Boulder can reach its environmental goal of addressing the annual emissions associated with CU Student Government owned buildings by supporting innovative projects that reduce CO<sub>2</sub> emissions. Since 2000, NativeEnergy has worked with wind, farm-based, Native American projects and more, that provide strong environmental and community benefits.

### **Meeting CU Boulder's Goals and Objectives**

NativeEnergy will provide CU Boulder with carbon reduction projects that meet your 10,671

metric tonne requirements, are validated to the highest carbon standards and third party verified. Additionally, NativeEnergy will provide detailed marketing information for the project(s) that CU chooses to purchase from and can arrange project site visits and/or an on-campus training session. NativeEnergy can cater to additional smaller purchases from the project of CU Boulder's choosing throughout the year. These would be in addition to CU Boulder's purchase of 10,671 metric tonnes.

**NativeEnergy's offer is described below in more detail:**

**Section 1:** Carbon Offset Projects

**Section 2:** Project Assessment Options

**Section 3:** Purchase Options and Payment Schedule

**Section 3:** Marketing Support

**Appendix A:** About NativeEnergy

## Section 1: Carbon Offset Project Portfolio

### Project 1:

<u>Medford Spring Avoided Conversion Project</u>	
Project Overview	The Medford Spring grasslands in southeastern Colorado are facing an imminent threat of conversion to cropland given its soils are suitable for farming, and cropland rental rates for winter wheat, milo, sorghum, alfalfa, and other row crops, are more than five times pastureland rates in Bent County, CO. A permanent conservation easement will preserve the grasslands and avoid conversion of the land to farming or development. This will prevent an estimated 190,000 tonnes of CO <sub>2</sub> from entering the atmosphere over the next 50 years. This is the equivalent of almost <a href="#">208 million pounds of coal burned</a> .
Location	Bent County, Colorado
Proximity to CU	The project is located approximately 200 miles southeast of Boulder
Certification	Climate Action Reserve
Educational Opportunity	NativeEnergy can arrange for CU Boulder students and faculty to visit the project site and have the opportunity to see the project activities and benefits, in person.
Social Benefits	The Medford Spring project provides education, volunteer and recreation opportunities to the communities in the broader region.
Community Testimony	Testimony from SPLT and other stakeholders can be provided.
Longevity of Benefits	The project has a 30-year crediting period and time of required activities. However, the land has a permanent easement.
Socioeconomic Information	The project located in a rural and lower socioeconomic region within Colorado.

**Project Option 2:**

<u>Maharashtra Wind - India</u>	
<b>Project Overview</b>	<p>A 96 MW wind project located in a rural area of Maharashtra, India. The energy produced from the project displaces an equivalent amount of energy from the grid, which is fed mainly by fossil fuel fired power plants and is considered a “dirty grid.” The project provides a source of reliable energy without producing any greenhouse gas emissions from its operations. The average greenhouse gas reductions from this project is 135,000 tCO<sub>2</sub>e per year, or the equivalent of almost 14,000 US homes’ energy use for one year.</p> <p>In addition to providing clean energy, the project has instituted programs to improve the lives of the people in the project area, which has historically been underserved. The project has taken on several community development initiatives including:</p> <ul style="list-style-type: none"> <li>• Road/Infrastructure Development – This effort has helped increase access in rural communities for accessibility to local schools, cultural shrines, and better access to local markets for agricultural crops.</li> <li>• Improved Drainage Development – The area experiences water shortages and these efforts divert water to check dams and retaining pools, which increase water infiltration and availability of water for crops and drinking.</li> <li>• Involvement in Local Schools – Installed water filters to provide access to clean drinking water at village schools, provided scholarships to local students, developed a blood donation program, created a youth development program to support young students and supported local cultural activities.</li> </ul>
<b>Location</b>	Satara District, Maharashtra, India
<b>Certification</b>	Verified Carbon Standard (VCS)
<b>Aligned UN SDGs</b>	UN SDG: 4, 6, 7, 8, 9 and 13
<b>Educational Opportunity</b>	NativeEnergy can arrange to do an on-campus presentation regarding the project and project activities for CU Boulder students and faculty
<b>Social Benefits</b>	The project creates local jobs, builds infrastructure, water resources and supports educational and cultural activities in underserved communities.
<b>Community Testimony</b>	Testimony from the project stakeholders can be provided.
<b>Number of People Impacted</b>	The project enhances the livelihoods of the broader communities in the Satara District of Maharashtra, India.
<b>Longevity of Benefits</b>	The project has an initial 10-year crediting period under the VCS methodology.
<b>Socioeconomic Information</b>	The project is located in the rural, underserved villages of Maharashtra, India.

**Project 3:**

<u>Haiti Clean Water Project</u>	
<b>Project Overview</b>	<p>In January 2010, a 7.0 magnitude earthquake rocked the country of Haiti, resulting in an estimated 300,000 deaths and over \$8 billion dollars in damage. Since then, millions in Haiti still lack clean water and sanitation. To address the need for clean water, NativeEnergy is using The Gold Standard’s established carbon reduction protocol to implement, monitor, and verify a 10-year project that will deliver clean water while reducing carbon dioxide emissions.</p> <p>NativeEnergy, in partnership with Pure Water for the World, is providing clean drinking water to communities in need in Haiti. The Hydraid water filters provide a simple, safe and effective household water filter that will operate for 10 years or longer. It uses centuries-old slow sand technology to remove up to 99% of waterborne pathogens. With safe drinking water, communities reduce time absent from school or work due to illness and save money on medical expenses. This project presents a new solution to the challenges of extreme poverty, poor health, and the increasing carbon dioxide emissions associated with burning wood to boil water for drinking.</p>
<b>Location</b>	Haiti
<b>Certification</b>	The Gold Standard
<b>Aligned UN SDGs</b>	UN SDG: 3, 6, 8 and 14
<b>Educational Opportunity</b>	NativeEnergy can arrange to do an on-campus presentation regarding the project and project activities for CU Boulder students and faculty.
<b>Social Benefits</b>	The project activities provide clean water to rural communities in Haiti, one of the poorest and underserved countries in the world. This source of clean water improves the health and hygiene of project stakeholders. Additionally, it reduces time and money spent on medical bills.
<b>Community Testimony</b>	Testimony from the project stakeholders can be provided.
<b>Number of People Impacted</b>	The project provides clean water to over 2,580 families.
<b>Longevity of Benefits</b>	The project has an initial 10-year crediting period under the Gold Standard methodology.
<b>Socioeconomic Information</b>	The project activities are in some of the most rural and underserved communities of Haiti.

## Carbon Pricing and Example Project Portfolios

In accordance with the University of Colorado, Boulder’s goal of reducing the carbon emissions associated with the Student Government owned buildings, we offer the following purchase options.

Project	Price/Tonne
Medford Spring Project	\$9.00
Sky Wind Project - India	\$4.00
Haiti Clean Water Project	\$8.00

### Portfolio:

Project	Volume	Price Per Tonne	Total
Sky Wind	9071	\$4.00	\$36,284.00
Medford Spring	600	\$9.00	\$5,400.00
Haiti Clean Water	1000	\$8.00	\$8,000.00
<b>TOTAL</b>	<b>10,671</b>	<b>-</b>	<b>\$49,684.00</b>

Best Regards,

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# NativeEnergy

## Experienced Partner

Since 2000, NativeEnergy has provided innovative and high-quality emission reduction investments for leaders in corporate sustainability. We have deep experience in carbon offsets, renewable energy credits, and carbon tracking solutions for clients. NativeEnergy believes expenditures in corporate sustainability are best made through an impact investing lens, where long-term strategic business value is factored into all sustainability investments. When decisions are made with full consideration of the social, environmental and business implications, results become measurable and meaningful.

## Our Help Build™ Solution

Through our Help Build™ project model, NativeEnergy has deployed innovative carbon financing to build projects that are aligned with our clients' business strategy and values. We source innovative, custom projects that connect to a company's stakeholders: customers, suppliers, employees, and shareholders. These projects enable our clients to create the impact they desire in the world and value for their business. Our team manages the operational and financial risk of the projects and provides reporting throughout the life of the project.

## Trusted Advisor

NativeEnergy has partnered with leading brands over many years to help them address their sustainability needs. We develop robust and meaningful emissions strategy programs. Our approach includes:

- Carbon Footprint Analysis
- Business Needs Assessment
- Goal Setting
- Emission Reduction Program Development
- Project Investment Implementation
- Project Management and Value Delivery



## Our Impact

Over the last 15 years, NativeEnergy has engaged hundreds of corporations to address and manage their emissions and invest in emission reduction projects. Through our unique model, with our clients we have structured, developed, and financed over 70 new emissions reductions projects. We have invested over \$30MM dollars in projects which has unlocked an additional \$200MM in investment. Our work has reduced over 7 million tonnes of CO<sub>2</sub>e, produced over 2.5 million MWh of renewable energy, delivered over 100 million liters/year of clean water, and provided concrete business value to our clients in the form of increased supply chain security, reduced climate risk, improved supplier relationships, and stronger connections with consumers.

## Standards

All NativeEnergy projects are validated and verified to the highest standards. The appropriate validation and verification standard is selected for each project. Project performance is tracked and reported every year for at least ten years. NativeEnergy employs the highest quality verification standards in the industry including: The Gold Standard, Verified Carbon Standard, and Climate Action Reserve.

