

# The United Nation's Global Compact: Communication on Progress

2020-2021





This is our **Communication on Progress** in implementing the principles of the **United Nations Global Compact** and supporting broader UN goals.

We welcome feedback on its contents.

# Message from the CEO

April 2021

Dear Stakeholders,

The last 12 months have been filled with global disruptions that could not have been predicted. Despite the global pandemic and shutdowns in most of the countries where we operate, our bamboo plantations have continued to advance towards maturity, and we have adapted to operate safely in a COVID-19 world.

This time has also represented a year of opportunity for EcoPlanet Bamboo as we have developed new partnerships, planted more areas around the world and committed to an innovative green pulping technology, ensuring that our products will be as sustainable as the bamboo itself.

I look forward to sharing our work with you in this year's Communication on Progress as we re-affirm our support of the Ten Principles of the United Nations Global Compact in the areas of Human Rights, Labor, Environment and Anti-Corruption.

Yours in Sustainability,

Troy Wiseman

CEO and Co-Founder, EcoPlanet Bamboo Group

COP for 2020-2021



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## **About EcoPlanet Bamboo**

EcoPlanet Bamboo is the first entity to grow bamboo at a commercial scale outside of China and has pioneered a unique framework of next generation commercial forestry that puts sustainability at the forefront, ensuring that as the demand for bamboo fiber increases, the plant maintains its unique green credentials and positive social impact even when grown at large scale and for industrial purposes.

**Mission:** To disrupt currently unsustainable global industries by growing a resource base of truly sustainable, tree-free, deforestation-free bamboo fiber and converting this utilizing a zero waste bio-refinery technology into packaging, toilet & tissue paper and textiles, ensuring seed to sale supply chains that are environmentally, socially and financially positive.



**Vision:** We envision a world where millions of hectares of degraded land are restored into productive and biodiverse bamboo forests, providing the raw resource to meet growing demand for consumer products while reducing deforestation pressure on our world's remaining natural forests, generating competitive and sustainable financial returns, regenerating rural economies through the provision of secure and stable livelihoods, and addressing the critical issue of global climate change.

## **EcoPlanet's Seed to Sale Solution**

Across the globe, as the effects of climate change worsen, governments, industries and consumers are looking for opportunities to reduce the historical effects of rising consumerism. EcoPlanet Bamboo operates in the pulp and paper industry, which has an environmental history of being one of the world's dirtiest industries.

EcoPlanet's Seed-to-Sale approach integrates sustainably managed bamboo farms with clean pulping and manufacturing technologies to provide a truly sustainable alternative to conventional sanitary papers such as toilet and tissue paper, packaging and single-use food and beverage containers. This solution regenerates rural economies and reduces pressure on the world's remaining forests.





Certified Bamboo Reduces Deforestation & Restores Degraded Lands



2. Sustainable Harvesting

Annual Harvesting of Select Bamboo Culms Produces Fiber Without Clear Cutting



3. Green Manufacturing

Innovative, Zero Waste and Green Manufacturing That Uses Tree-Free, Deforestation-Free Bamboo Fiber



4. Deforestation-Free,

Pulp and Paper Products are Produced for Domestic, Regional & International Markets

**Tree-Free Products** 



# **EcoPlanet Bamboo's Global Operations**

EcoPlanet Bamboo's framework of next generation commercial forestry has successfully been implemented in 4 countries worldwide where EcoPlanet manages over 15,000 hectares (ha) of strategically located bamboo farms and is expanding into green manufacturing of bamboo pulp based products such as sanitary papers and moulded pulp take away containers. EcoPlanet has corporate offices in the USA and Kenya.



## **EcoPlanet Bamboo Central America**

EcoPlanet owns and operates over 3,500 ha of commercial *Guadua aculeata* farms in the South Caribbean Coast Autonomous Region (RACCS) of Nicaragua, representing the first project globally to grow tropical clumping bamboo at commercial scale. These farms represent restoration at the landscape scale, with native bamboo interplanted between remnant forest patches, conservation areas and standing trees. This project is validated and verified for the Verified Carbon Standard (VCS) for successful contribution to fighting global climate change. These farms are ready for harvesting with the ability to produce upwards of 150,000 metric tons of raw bamboo per year. This bamboo fiber is targeted for the green manufacturing of bamboo toilet and tissue papers.

#### **EcoPlanet Bamboo Southern Africa**

EcoPlanet Bamboo South Africa represents the African continent's first successful commercial bamboo plantation, which was established on heavily degraded former pineapple lands. Approximately 485 ha of certified bamboo are under cultivation at Kowie Bamboo Farm, which is predominantly planted with tissue culture *Bambusa balcooa*, with



Oxytenanthera abyssinica grown from seed representing the remaining plantings. EcoPlanet Bamboo is the first company globally to transition tissue culture planting material from a laboratory setting to growing successfully at commercial scale and under strict sustainability structures. The bamboo from the Kowie Bamboo Farm will be used for the production of virgin bamboo pulp for the production of bioplastics, biopolymers and a high value lignin.



## **EcoPlanet Bamboo West Africa**

EcoPlanet Bamboo West Africa represents a Public Private Partnership with the Government of Ghana through the Forestry Commission of Ghana targeting the industrialization of bamboo for the country's timber and fiber needs. EcoPlanet Bamboo is currently developing an 11,000 ha bamboo farm of *Bambusa textilis* and *Dendrocalamus asper* in the Ashanti Region, which will ultimately provide more than 1,000 permanent jobs. At maturity, EcoPlanet Bamboo's West African farms have the potential to produce 600,000 tons of raw fiber each year, representing 150,000 tons of pulp. This resource will be the largest supply of an alternative fiber globally and the first at a volume that can transform target markets.

#### **EcoPlanet Bamboo East Africa**

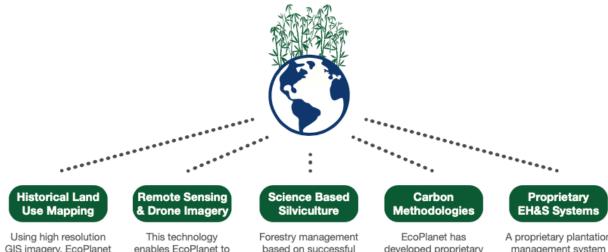
EcoPlanet Bamboo works with government and NGO partners to undertake environmental protection projects that work with smallholder farmers to support a bamboo bio-economy. These contracted projects are designed and implemented by EcoPlanet for maximum impact and provide a range of solutions from riparian protection to buffer zones for protected areas. Current projects include the planting of 150 km of rivers with bamboo in the Secoko Catchment of Rwanda as well as the expansion of Volcanoes National Park through the planting of indigenous bamboo.



# **Technology Driven Reforestation**

EcoPlanet Bamboo operates under its framework of next generation commercial forestry, which uses a single holistic approach: land that has suffered extreme deforestation is restored with non-invasive species of tropical sympodial bamboos, while remnant forest patches and standing trees are conserved.

This framework has been implemented from the inception of EcoPlanet's operations, adapting and improving along the way to uphold its mission and vision, driven by technology-based solutions:



Using high resolution
GIS imagery, EcoPlanet
maps the historical
trajectory of its land
over a 30 year period,
ensuring projects
meet certification
requirements.

This technology enables EcoPlanet to map and monitor a range of operational aspects as well as develop plantation designs that reduce operational costs.

Forestry management based on successful development of operations across two continents as well as a decade of science based learning. EcoPlanet has developed proprietary carbon methodologies for measurement, reporting and verification (MRV) of Bamboo. A proprietary plantation management system overseas global operations, meeting international standards and ensuring seamless reporting through dashboard systems.



## **Nature-Based Solutions**

EcoPlanet Bamboo's operations are nature-based solutions that are protecting people, safeguarding our environment and contributing to both mitigation and adaptation measures against climate change. Our operations are actively removing  $CO_2$  from the atmosphere, with Ghana having the potential for 4 million tons of carbon removals and EcoPlanet successfully delivering on  $250,000tCO_2e$  in Nicaragua.



# **Pioneering Frameworks of Sustainability**

EcoPlanet's framework also results in a range of environmental and social benefits that create a pathway for sustainable development and support the 10 principals of the UN Global Compact.

# SECURE DECENT EMPLOYMENT

- Provides equal opportunity employment
- Allows workers to plan & invest for their future
- Empowers women & promotes gender equality



# **FINANCIAL & SOCIAL INCLUSION**

- Integrates workers in the formal system for banking, health care & social security
- Increases confidence & educates workers on their rights



# SUSTAINABLE DEVELOPMENT

- Enhances quality of life
- Builds resilient, inclusive and prosperous communities
- Increases food security, access to healthcare & levels of education

# INFRASTRUCTURE DEVELOPMENT

- Expands transport, communication & utility access
- Increases access to markets
- Strengthens SMEs through secondary opportunities



## **ECOSYSTEM SERVICES**

- Controls micro-climates & improves climatic stability
- Reduces erosion, rehabilitates soil & improves water tables
- Improves biodiversity & ecosystem functioning





# **Upholding the 10 Principals of the UN Global Compact**

EcoPlanet Bamboo implements the 4 areas of the UN Global Compact - Human Rights, Labor, Environment and Anti-Corruption - through its framework of next generation commercial forestry and its extensive policies, procedures and general company culture focused on maximizing the positive social and environmental impact of its operations.

EcoPlanet Bamboo has an adaptive management policy and continues to enhance its policies and procedures as needed to incorporate the Global Compact.

## **Area 1: Human Rights**

Principle 1: Businesses should support and respect the protection of internationally proclaimed human rights; and

Principle 2: Make sure that they are not complicit in human rights abuses.

EcoPlanet Bamboo fully supports the Universal Declarations of Human Rights and remains committed to upholding the human rights of all involved, both directly and indirectly, in our operations.

EcoPlanet Bamboo has an integrated management system that includes EHS procedures, which form the minimum requirements that all operations must comply with to ensure strict social and environmental policies are carried out. These EHS procedures are in line with both the IFC's Performance Standards and the Forest Stewardship Council (FSC) requirements:

- There is a documented grievance procedure that mandates all staff and stakeholders have the ability to raise complaints and that any complaint, grievance or dispute is dealt with swiftly and in line with company culture. The policy includes the use of suggestion boxes, representatives and emails / phone calls as a means for complaints to be received by the company. This procedure is reviewed with staff and signs posted in accessible locations.
- Regular stakeholder communications and consultations take place to convey company objectives and policies as well as give stakeholders a chance to raise questions or concerns. Minutes of these meetings are filed.
- Whether certified or not, EcoPlanet Bamboo requires all operations to comply with the FSC principles and criteria, which find violation of human rights unacceptable. FSC also require compliance with international conventions.
- Human resource policies clearly state that EcoPlanet Bamboo is an equal opportunity employer. Procedures are provided to ensure non-discriminatory, fair labor practices as well as safe working environments.
- Suppliers and contractors are also required to comply with the company's EHS procedures. Non-compliance would mean termination of the relationship.



#### Area 2: Labor

Principle 3: Businesses should uphold the freedom of association and the effective recognition of the right to collective bargaining;

Principle 4: The elimination of all forms of forced and compulsory labor;

Principle 5: The effective abolition of child labor; and

Principle 6: The elimination of discrimination in respect of employment and occupation.

All EcoPlanet Bamboo operations comply with the strictest labor and heath & safety standards, including compliance with the ILO. All operations must comply with local legislation but if international standards are stricter then international standards are assumed. Labor rights include:

- Freedom of Association
- Collective Bargaining
- Zero-Tolerance of Forced Labor or Child Labor
- Elimination of Employment Discrimination

In order to implement its commitment, EcoPlanet Bamboo has in place EHS procedures as well as a Social Impact Policy, see appendix A, which make labor rights a fundamental part of its operations. All staff receive contracts with their rights and responsibilities and their compensation and benefits clearly stated. Management also partake in regular assessments of health & safety risks and EcoPlanet Bamboo is dedicated to continuing to innovate new methods and standards for safety. Specific activities to ensure compliance includes:

- All staff undertake an induction during their first days of employment and annually thereafter that provides training on company policies, health and safety, job-specific training as well as national and international labor legislation.
- Staff also have mechanisms to report to supervisors, managers or anonymously of any labor concerns or health & safety issues they may have.
- Managers are required to regularly review health & safety risks. Should an incident occur, they are recorded, reported to the corporate office and mitigation measures taken to ensure a similar accident does not happen again.
- All operations have Human Resource policies, which comply with EcoPlanet Bamboo EHS procedures as well as country specific and ILO requirements.
- Systems are put in place to ensure accurate accounting for payroll and staff productivity.



#### Area 3: Environment

Principle 7: Businesses should support a precautionary approach to environmental challenges;

Principle 8: Undertake initiatives to promote greater environmental responsibility; and

Principle 9: Encourage the development and diffusion of environmentally friendly technologies.

EcoPlanet Bamboo's focus on the production of clumping (non-invasive) bamboo and bamboo-based products is a showcase of its environmental commitments.

Under a "deforestation-free" policy, EcoPlanet inter-plants bamboo with remaining standing trees and creates a diverse mixed system forest that can be economically viable over multiple generations, while restoring and maintaining key ecological functions. EcoPlanet Bamboo's proven model of reforestation provides permanent and long-term restoration of full ecosystem functions, such as:







Restores Organic Soils



Water Tables



Atmospheric Carbon

Moreover, Bamboo fiber can be substituted in a diverse range of products such as paper, engineered timber, textiles, and bioenergy without compromising on quality, or product appeal. The relatively long fiber length makes bamboo pulp well suited for sanitary papers as well as moulded pulp packaging and dishware.

EcoPlanet Bamboo cements its commitment by only utilizing degraded land, employing green manufacturing solutions and developing operations under strict requirements for sustainability to maximize positive impact. From its inception, EcoPlanet Bamboo has held strong environmental principles that are weaved into everyday operations. All stakeholders, managers and staff are aware and regularly trained on the company's environmental policy and EHS procedures, with the aim to foster stewards of the environment. See Appendix B for the Environmental Policy.

Furthermore, EcoPlanet Bamboo has developed methodologies to monitor, quantify and report on the sequestration and storage of atmospheric carbon dioxide by bamboo. EcoPlanet Bamboo is the only entity globally to have successfully validated and verified bamboo's climate change benefits. EcoPlanet's Nicaraguan farms are certified under the Verified Carbon Standard.



## **Area 4: Anti-Corruption**

Principle 10: Businesses should work against corruption in all its forms, including extortion and bribery.

EcoPlanet Bamboo has a zero-tolerance policy for corruption. The policy states that "EcoPlanet Bamboo is a transparent and morally sound company. Bribery, extortion, fraud, collusion and any other corrupt behaviors are prohibited in any operation conducted by the company or any individual within the company." The full policy can be found in Appendix C.

In order to implement its commitment, EcoPlanet Bamboo:

- Requires all operations to post the signed policy in accessible locations for staff and visitors to see and makes the content of the policy a component of staff inductions;
- Makes staff, visitors and stakeholders aware of the company's grievance procedure and how any concerns about corrupt behavior can be reported;
- Protects whistleblowers:
- Operates in full compliance with the laws of the countries; and
- Conducts extensive research on the legal requirements of an area of operations during our due diligence phase, which continues into the operational phases with annual reviews of legislation changes.

These actions greatly reduce the risk of corrupt behavior and ensures managers understand the laws under which they must lawfully operate.







## **Measurement of Outcomes**

In the past 12 months, EcoPlanet Bamboo's operations worldwide have continued to move the needle on sustainable forestry and green manufacturing for bamboo products. This has resulted in the following operational achievements:

## **Human Rights**

General Managers have continued to ensure their operations comply with all EcoPlanet Bamboo EHS Procedures and thus Human Right Standards, which are verified independently. There were no incidents of human rights related grievances or violations during the reporting period.

#### Labor

EcoPlanet Bamboo's operations successfully underwent internal reviews or external certification audits to verify their compliance with worker's rights and labor laws as well as other sustainability standards. Due to COVID-19, external audits were carried out remotely through document reviews and interviews with employees and stakeholders.

EcoPlanet Bamboo has created significant employment and livelihood opportunities in some of the poorest parts of the world. These employment opportunities are attractive, fair and secure, not for a year or two, but for a generation and beyond. In March 2021, EcoPlanet Bamboo began planting new areas of its Bandai Bamboo Farm, which will create over 200 jobs in the next 12 months with further planned expansions in the next few years that will result in the creation of over 1,000 jobs. EcoPlanet Bamboo's operations are located in impoverished areas with few employment prospects, so this job creation represents significant opportunities to improve livelihoods.

In order to further improve the livelihoods of our employees and the surrounding community, EcoPlanet Bamboo undertakes a number of targeted community impact projects. Examples of key projects include:

- Establishment of rural clinics to improve access to healthcare
- Adult literacy programs for staff and the local community
- Provide access to clean water
- Improvement of school infrastructure and learning resources

EcoPlanet Bamboo is an equal opportunity employer and aims to have 25% of its workforce as women, including in managerial positions. EcoPlanet Bamboo has continued to exceed this goal with some achievements being 50% of women in senior management and over 30% of women in the workplace in South Africa.



## **Environment**

EcoPlanet Bamboo continues to actively manage and restore degraded lands in its countries of operations, both through its bamboo plantations as well as targeted conservation projects.

In Rwanda, EcoPlanet Bamboo is working with the Government of Rwanda's Ministry of Environment to protect and restore water resources across Rwanda. One project involves the restoration of the Secoko Catchment, a critical watershed in Rwanda. In 2020, all of the rivers in the Secoko Catchment were successfully planted with bamboo – over 150 km. These plantings were combined with community engagement to raise awareness on the benefits of bamboo and create community ownership in the project.

Also in Rwanda, EcoPlanet Bamboo is piloting a restoration project with Rwanda Development Board and the African Wildlife Foundation to plant *Yushania alpina* bamboo, which is indigenous to Volcanoes National Park (VPN), home of the Mountain Gorilla. In the last year, a key component of this work has been securing planting material as this bamboo species is very difficult to propagate since cuttings do not develop and seed is very hard to find. Following a Plant Material Assessment, EcoPlanet developed a nursery of *Yushania alpina* wildings, which are seedlings that germinate on the forest floor and are transplanted into bags at the nursery. Planting of the first 10 ha of the project also occurred, with the final 17 ha to be planted later in 2021. This pilot project will inform large-scale restoration activities planned for VNP.

In Ghana, EcoPlanet Bamboo operates Bandai Bamboo Farm as a Public Private Partnership with the Forestry Commission of Ghana. This farm is over 11,000 ha, of which 5,000 ha has been set aside to be restored with native species. EcoPlanet Bamboo has partnered with Land Life Company, a Netherlands based reforestation company targeting the planting of native species in return for the carbon benefits, to restore 500 ha of this area in 2021. At the same time, EcoPlanet is restoring 200 ha with bamboo interplanted amongst native tree species.

In Nicaragua, drone footage taken in 2020 shows the dramatic transition of these landscape scale ecosystems from what were degraded pasturelands to a thriving and integrated forested ecosystem.





## Corruption

In-country operations are monitored for compliance by the corporate office as well as by external auditors. EcoPlanet Bamboo's integrated management systems require all operations to regularly report on operational and financial information, which provides sound checks and balances. This data is translated to tables and graphs, which allow managers as well as the COO and CEO to see any potential irregularities. There have been no complaints reported during this period.

Furthermore, EcoPlanet Bamboo has not been involved in any legal cases, rulings or other events related to corruption or bribery.

## **Contribution to SDGs**

EcoPlanet Bamboo's operations contribute to 14 Sustainable Development Goals (SDGs):





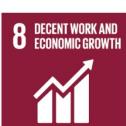


























# **Appendix A: Social Policy**



#### ECOPLANET BAMBOO GROUP

#### **SOCIAL IMPACT POLICY**

EcoPlanet Bamboo aims to catalyze positive socio-economic development in the Company's areas of operations. EcoPlanet Bamboo's mission is to show that business, through the concept of conscious capitalism, can, both directly and indirectly have long term social impact.

To achieve this EcoPlanet Bamboo is committed to:

- Develop bamboo plantations and associated manufacturing operations in rural areas that suffer from high unemployment with few opportunities for economic development.
- Carry out socio-economic baseline studies in order to identify the current status of key development variables, and enable the quantification and monitoring of such variables over time.
- Achieve Forest Stewardship Council certification for the external verification of such impact.
- Commit to preferentially hire local residents from the communities and municipalities closest to each Company site of operation.
- Commit to ensuring that equal opportunity exists for employment, regardless of gender, religion, physical/mentally disabled, or political inclination.
- Commit to empowering women in all operations through the provision of equal opportunities.
- Ensure that all laborers are paid through legitimate sources, thereby ensuring each
  individual is recognized by local and central governments, and therefore eligible for social
  security (if applicable).
- Provide training and education opportunities for all employees and ensure that promotion opportunities exist for qualified individuals.
- Apply Company procedures for all employees and stakeholders to express views, concerns
  or issues. All such issues raised will be dealt with by the Company on a case by case basis
  until resolved satisfactorily.

Troy Wiseman, CEO

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# **Appendix B: Environmental Policy**



#### ECOPLANET BAMBOO GROUP

#### **ENVIRONMENTAL POLICY**

EcoPlanet Bamboo aims to become a global leader in the (1) reforestation of degraded land in to productive commercial bamboo plantations, and (2) the associated processing and manufacturing of this bamboo in to products that represent a sustainable alternative to timber. The Company is committed to follow the best accepted environmental practices with regards to all activities, and all activities of its subsidiary companies.

To achieve this EcoPlanet Bamboo is committed to:

- Conduct all Company activities in an environmentally responsible way through compliance with all relevant laws, regulations and standards.
- Commit to sustainable forest management practices and to acquire Forest Stewardship Council certification for all plantations, or where available equivalent bamboo certification.
- Minimize impacts and mitigate potential negative risks to any ecological aspect of plantation development and associated subsidiaries.
- Maximize biodiversity in all plantations, and where necessary conserve existing biodiversity through the maintenance of high conservation value forests on any purchased or leased land.
- Promote the principles of reduce, reuse and recycle, to minimize waste and maintain best practices for waste management.
- Minimize and monitor the use of chemicals, using only those accepted by sustainability standards, and minimize their impacts on the environment.
- Ensure that all management and staff understand the implications of this policy and their associated environmental responsibilities.
- Adhere to adaptive management under a changing global context for best available environmental practices.

Troy Wiseman, CEO

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# **Appendix C: Anti-Corruption Policy**



#### ECOPLANET BAMBOO GROUP

#### ANTI-CORRUPTION POLICY

EcoPlanet Bamboo is a transparent and morally sound company. Bribery, extortion, fraud, collusion and any other corrupt behaviors are prohibited in any operation conducted by the Company or any individual within the Company.

EcoPlanet Bamboo is committed to undertake the below measures in order to enhance the rule of law and eradicate corruption:

#### Taxation

- All property is accurately recorded and property taxes are paid according to appropriate governments and/or regional offices
- · Income tax returns are filed within every jurisdiction as required
- Internal audits conducted starting from the end of year one

# Employment

- All employees are paid at or above the minimum wage in the country of operations
- · All employees are provided with social security and taxed accordingly
- Working conditions are in accordance to Country Labor Laws

#### Adhere to Government Policies

- Permits and licensing are carried out through proper legal procedures
- All documents are filed correctly
- Due diligence is carried out by all partners and third parties in contact with government officials

EcoPlanet Bamboo has a full time Quality Control Manager who will carry out sporadic and unannounced checks across all operations, reporting directly to the CEO.

Troy Wiseman, CEO

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